

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033475.D
 Acq On : 19 Dec 2022 11:41
 Operator : JC/MD
 Sample : VX1219WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2022
 Supervised By : Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 04:59:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	132841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	36521	42.854	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.700%		
35) Dibromofluoromethane	5.385	113	41688	45.028	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.060%		
50) Toluene-d8	8.647	98	87913	45.392	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.780%#		
62) 4-Bromofluorobenzene	11.079	95	72923	49.243	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	17021	18.342	ug/l	93
3) Chloromethane	1.294	50	17475	16.287	ug/l	98
4) Vinyl Chloride	1.374	62	20537	16.764	ug/l	99
5) Bromomethane	1.618	94	11623	12.928	ug/l	99
6) Chloroethane	1.691	64	13330	14.345	ug/l	97
7) Trichlorofluoromethane	1.892	101	32894	14.302	ug/l	97
8) Diethyl Ether	2.136	74	11185	13.464	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	18374	15.060	ug/l	97
10) Methyl Iodide	2.453	142	19029	14.241	ug/l	94
11) Tert butyl alcohol	3.008	59	20223	77.616	ug/l #	87
12) 1,1-Dichloroethene	2.325	96	16506	13.706	ug/l	89
13) Acrolein	2.239	56	18850	66.706	ug/l	100
14) Allyl chloride	2.666	41	24111	12.537	ug/l	95
15) Acrylonitrile	3.068	53	59959	92.899	ug/l	99
16) Acetone	2.392	43	40922	64.892	ug/l	95
17) Carbon Disulfide	2.514	76	38214	12.363	ug/l	99
18) Methyl Acetate	2.709	43	24436	13.385	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	82555	19.790	ug/l	99
20) Methylene Chloride	2.788	84	18711	13.304	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	25110	19.060	ug/l	97
22) Diisopropyl ether	3.757	45	79283	19.241	ug/l	92
23) Vinyl Acetate	3.721	43	301619	94.308	ug/l	98
24) 1,1-Dichloroethane	3.611	63	45358	18.735	ug/l	100
25) 2-Butanone	4.562	43	85652	94.622	ug/l	98
26) 2,2-Dichloropropane	4.477	77	36503	20.502	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	30068	19.098	ug/l	98
28) Bromochloromethane	4.897	49	19380	19.122	ug/l	97
29) Tetrahydrofuran	5.013	42	53402	91.054	ug/l	99
30) Chloroform	5.093	83	51958	19.331	ug/l	93
31) Cyclohexane	5.471	56	37117	18.326	ug/l #	87
32) 1,1,1-Trichloroethane	5.385	97	46251	20.000	ug/l	98
36) 1,1-Dichloropropene	5.696	75	35813	19.841	ug/l	99
37) Ethyl Acetate	4.715	43	32315	18.939	ug/l	99
38) Carbon Tetrachloride	5.678	117	40447	20.000	ug/l	97
39) Methylcyclohexane	7.379	83	41713	20.646	ug/l	100
40) Benzene	6.037	78	105261	20.001	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18246	19.406	ug/l	98
42) 1,2-Dichloroethane	6.086	62	41596	19.904	ug/l	99
43) Isopropyl Acetate	6.336	43	53329	19.425	ug/l	99
44) Trichloroethene	7.123	130	29278	20.177	ug/l	97
45) 1,2-Dichloropropane	7.427	63	26808	19.918	ug/l	97
46) Dibromomethane	7.580	93	20723	20.211	ug/l	99
47) Bromodichloromethane	7.818	83	40358	20.193	ug/l	95
48) Methyl methacrylate	7.690	41	26756	18.883	ug/l	95
49) 1,4-Dioxane	7.714	88	13262	410.462	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	171043	98.519	ug/l	96
52) Toluene	8.720	92	69337	20.377	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	39529	19.994	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	44108	20.739	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	29587	20.685	ug/l	98
56) Ethyl methacrylate	9.116	69	40377	20.049	ug/l	92
57) 1,3-Dichloropropane	9.305	76	46083	20.055	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	85851	93.166	ug/l	98
59) 2-Hexanone	9.427	43	128763	100.642	ug/l	97
60) Dibromochloromethane	9.519	129	32313	20.504	ug/l	99
61) 1,2-Dibromoethane	9.610	107	30908	20.315	ug/l	99
64) Tetrachloroethene	9.275	164	26369	20.399	ug/l	99
65) Chlorobenzene	10.079	112	77722	20.303	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	29828	20.619	ug/l	99
67) Ethyl Benzene	10.195	91	137094	20.557	ug/l	98
68) m/p-Xylenes	10.299	106	109478	42.192	ug/l	97
69) o-Xylene	10.640	106	53031	20.677	ug/l	98
70) Styrene	10.659	104	88643	21.103	ug/l	98
71) Bromoform	10.799	173	24095	21.042	ug/l #	97
73) Isopropylbenzene	10.963	105	144260	20.280	ug/l	100
74) N-amyl acetate	10.841	43	45778	18.862	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	44496	19.717	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39117m	19.590	ug/l	
77) Bromobenzene	11.195	156	35490	19.757	ug/l	97
78) n-propylbenzene	11.305	91	161305	20.308	ug/l	99
79) 2-Chlorotoluene	11.366	91	97518	19.866	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	119803	20.232	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	11104	17.299	ug/l	97
82) 4-Chlorotoluene	11.451	91	112644	19.735	ug/l	98
83) tert-Butylbenzene	11.713	119	120020	20.326	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	119795	20.267	ug/l	99
85) sec-Butylbenzene	11.890	105	143269	20.796	ug/l	100
86) p-Isopropyltoluene	12.012	119	121788	20.504	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	66299	20.375	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	67382	20.273	ug/l	99
89) n-Butylbenzene	12.335	91	98991	20.349	ug/l	98
90) Hexachloroethane	12.536	117	19121	18.939	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	64216	19.739	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8610	17.663	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	39238	19.971	ug/l	98
94) Hexachlorobutadiene	13.725	225	17577	22.341	ug/l	98
95) Naphthalene	13.774	128	130394	19.896	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	39053	19.626	ug/l	98

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ClientSampleId :
VX1219WBSD01

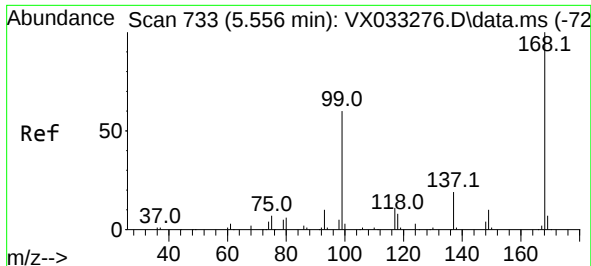
Manual Integrations
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Quant Title : SW846 8260
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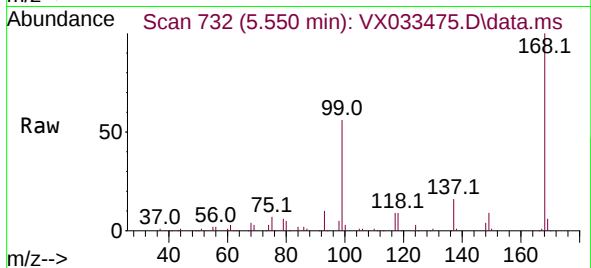
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX033475.D
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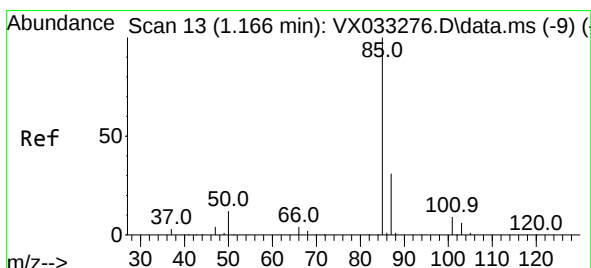
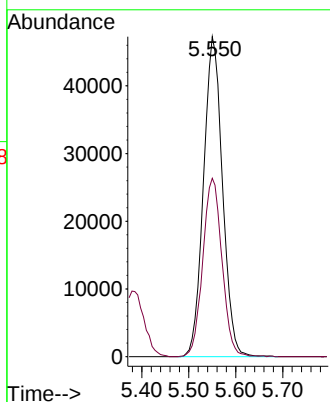
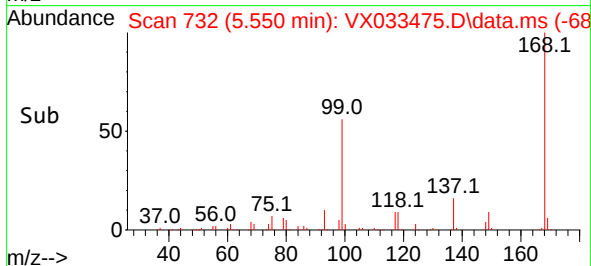
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 13284
Ion Ratio Lower Upper
168 100
99 55.7 46.1 69.1

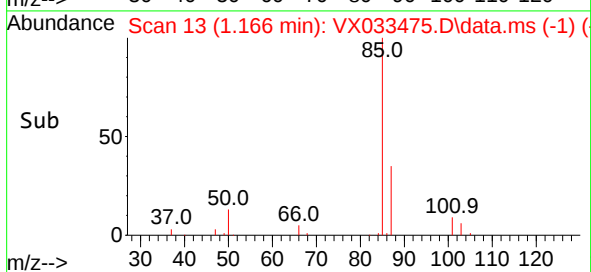
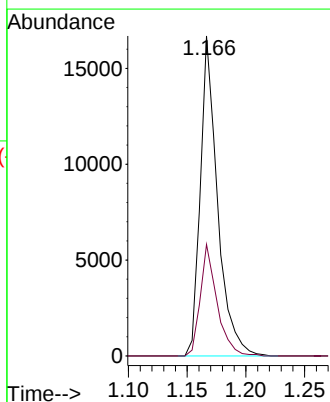
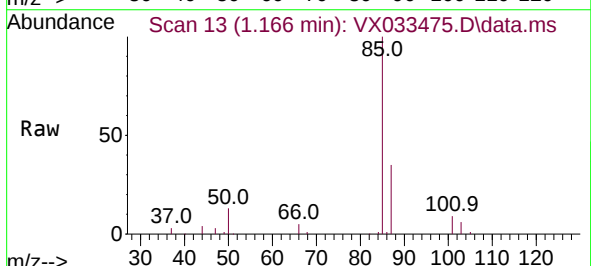
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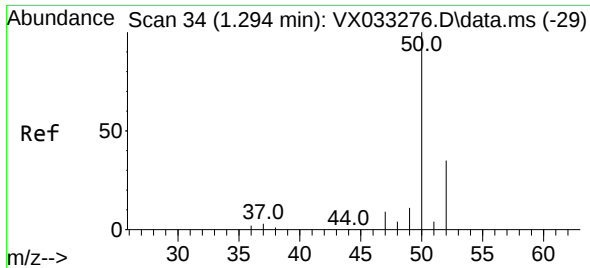
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#2
Dichlorodifluoromethane
Concen: 18.342 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Tgt Ion: 85 Resp: 17021
Ion Ratio Lower Upper
85 100
87 34.8 15.6 46.7





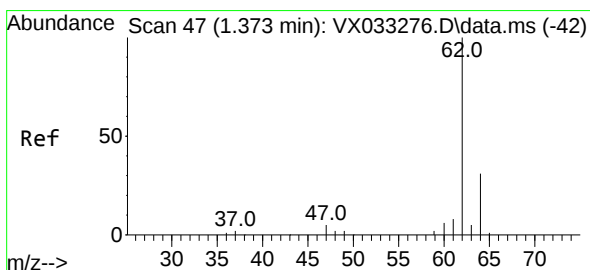
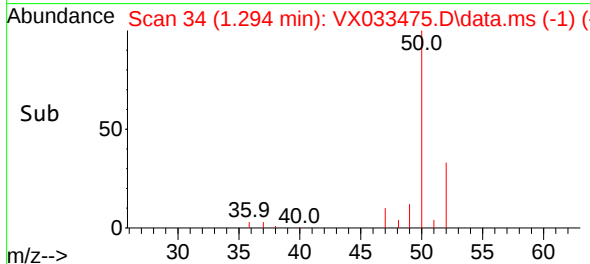
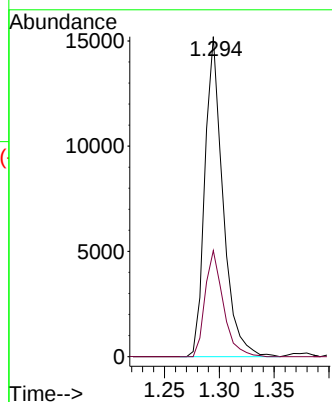
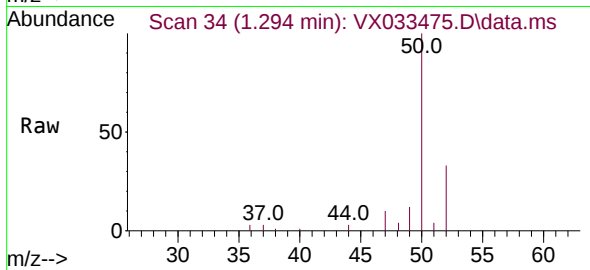
#3
Chloromethane
Concen: 16.287 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Instrument :
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Tgt Ion: 50 Resp: 17475
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2

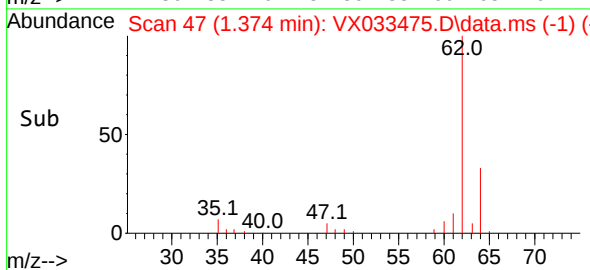
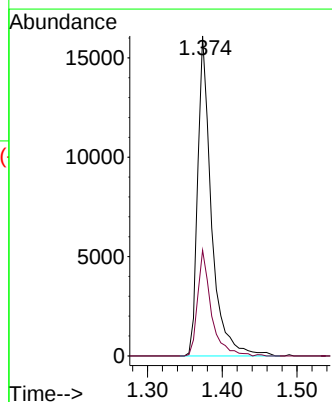
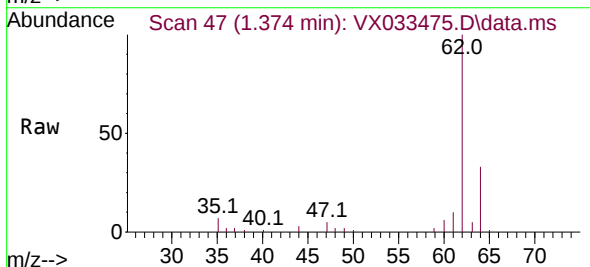
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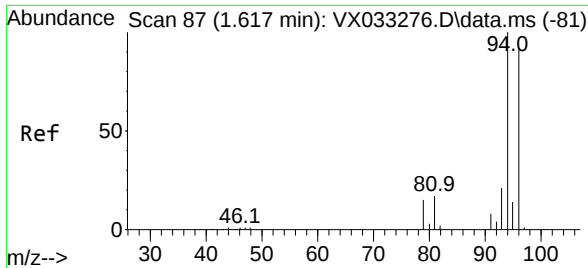
Reviewed By :John Carlone 12/20/2022
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#4
Vinyl Chloride
Concen: 16.764 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Tgt Ion: 62 Resp: 20537
Ion Ratio Lower Upper
62 100
64 33.0 25.8 38.6





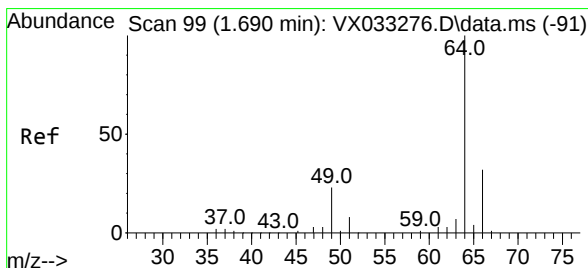
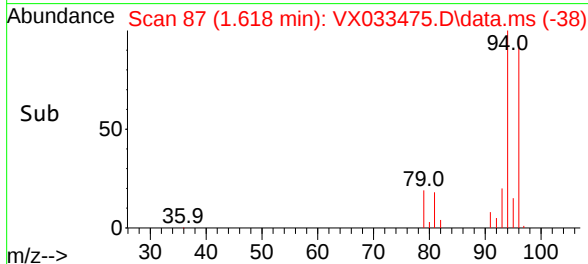
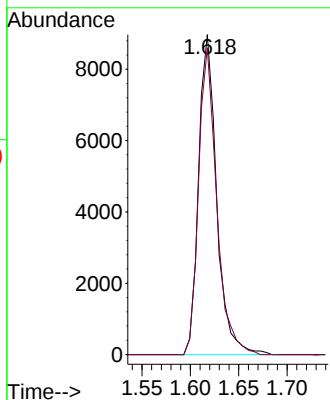
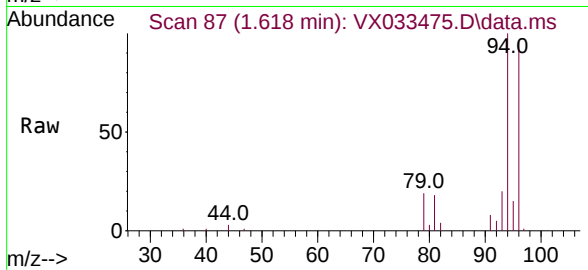
#5
Bromomethane
Concen: 12.928 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 11623
Ion Ratio Lower Upper
94 100
96 95.9 77.6 116.4

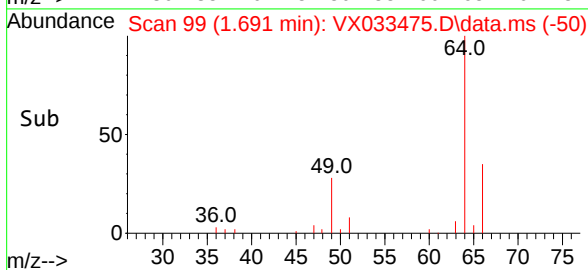
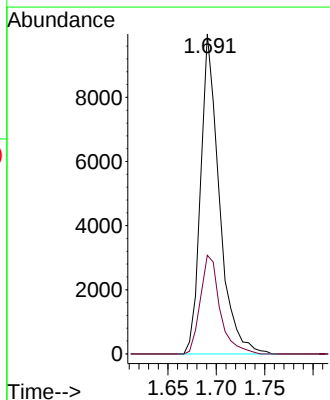
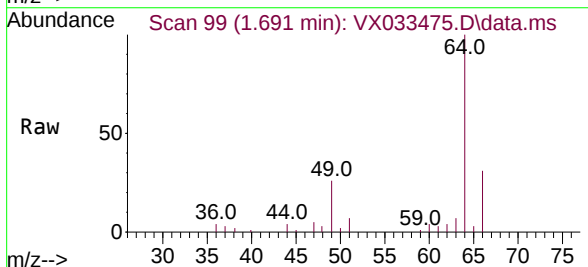
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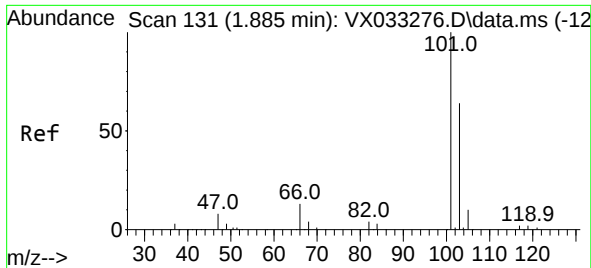
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#6
Chloroethane
Concen: 14.345 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Tgt Ion: 64 Resp: 13330
Ion Ratio Lower Upper
64 100
66 30.8 26.0 39.0





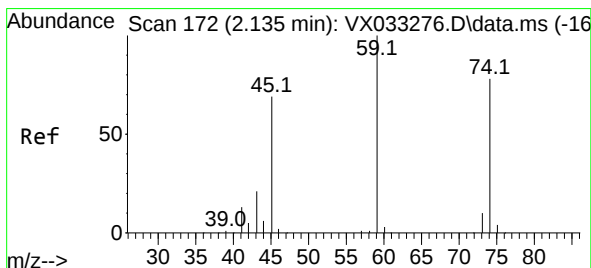
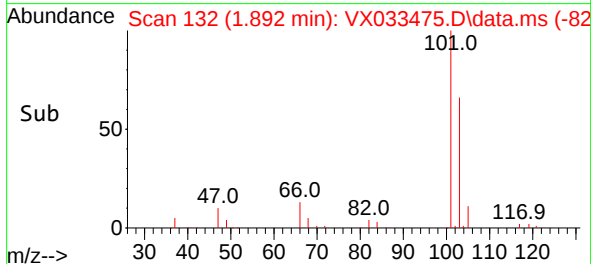
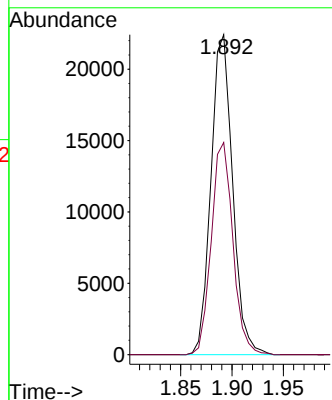
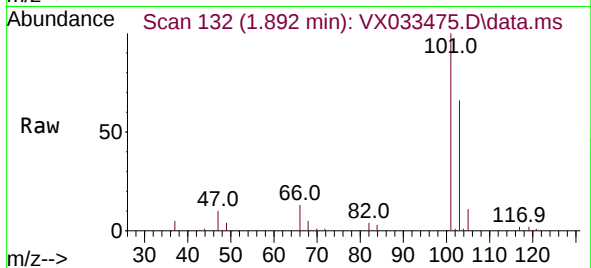
#7
Trichlorofluoromethane
Concen: 14.302 ug/l
RT: 1.892 min Scan# 131
Delta R.T. 0.006 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Instrument :
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Tgt Ion:101 Resp: 32894
Ion Ratio Lower Upper
101 100
103 66.3 51.4 77.2

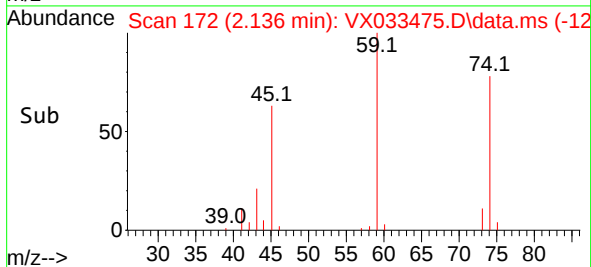
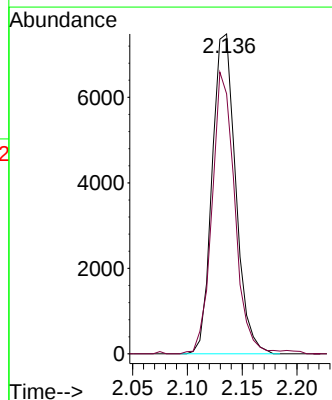
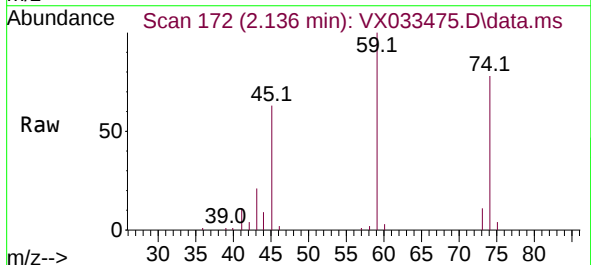
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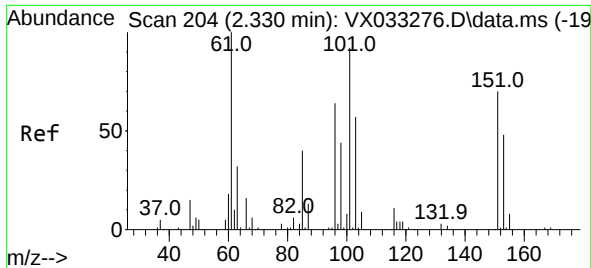
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#8
Diethyl Ether
Concen: 13.464 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 11185
Ion Ratio Lower Upper
74 100
45 85.6 46.6 139.7





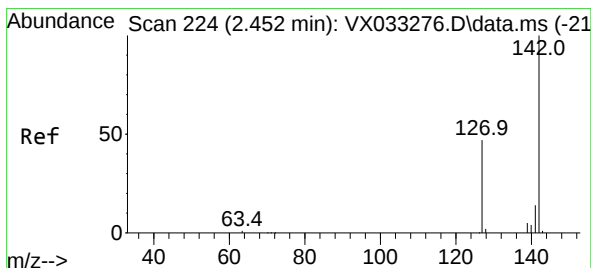
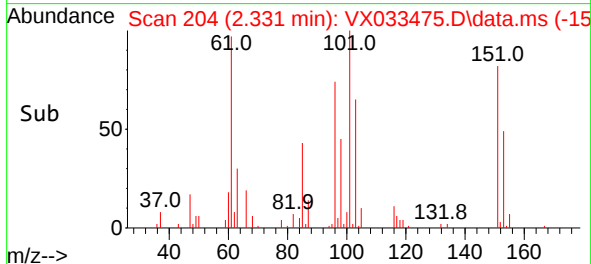
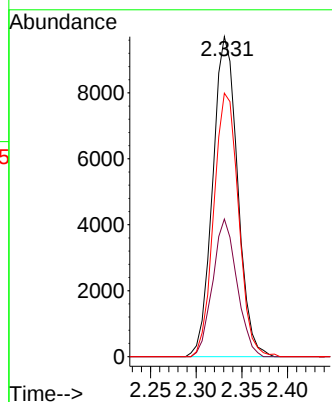
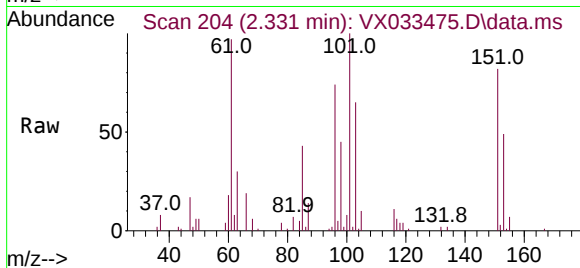
#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.060 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01

Tgt Ion:101 Resp: 18374
Ion Ratio Lower Upper
101 100
85 41.8 37.0 55.4
151 81.8 64.4 96.6

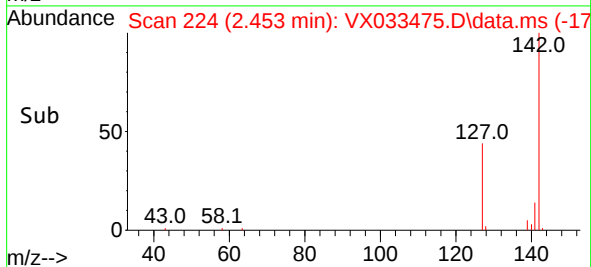
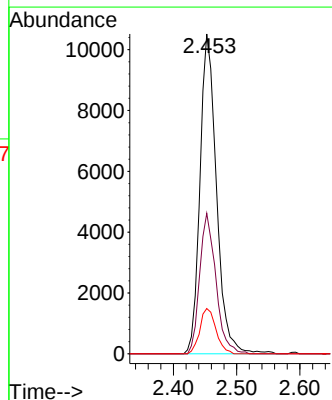
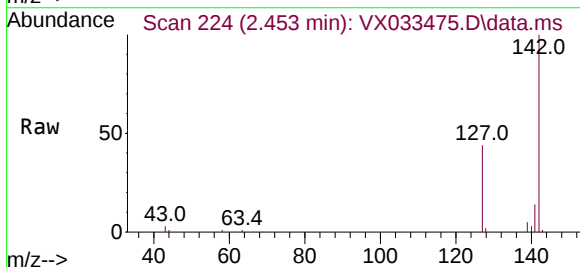
Manual Integrations
APPROVED

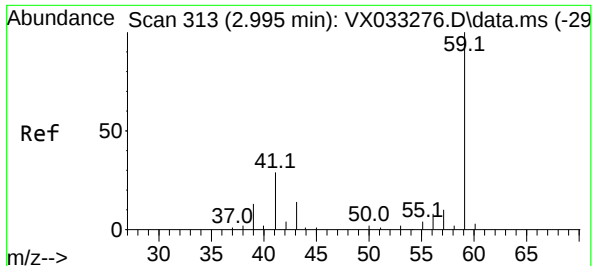
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#10
Methyl Iodide
Concen: 14.241 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Tgt Ion:142 Resp: 19029
Ion Ratio Lower Upper
142 100
127 43.0 38.6 57.8
141 13.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 77.616 ug/l

RT: 3.008 min Scan# 31

Delta R.T. 0.013 min

Lab File: VX033475.D

Acq: 19 Dec 2022 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD01

Tgt Ion: 59 Resp: 2022

Ion Ratio Lower Upper

59 100

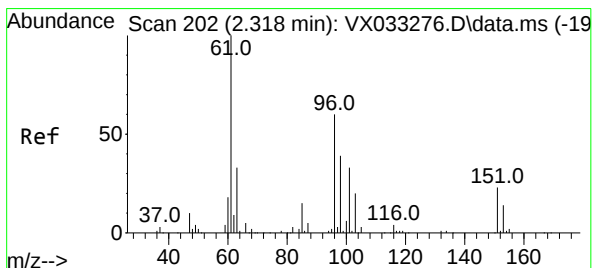
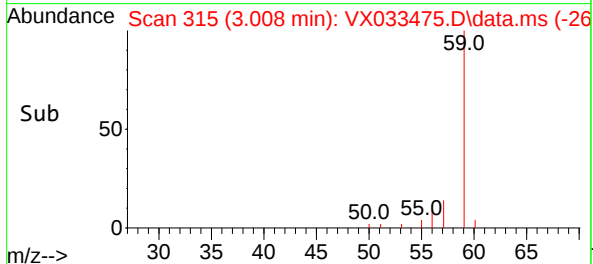
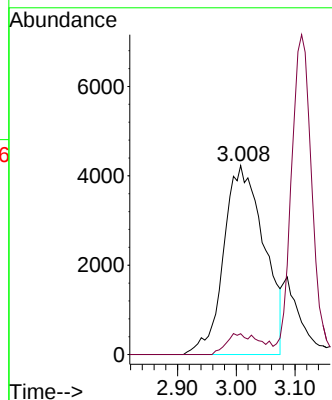
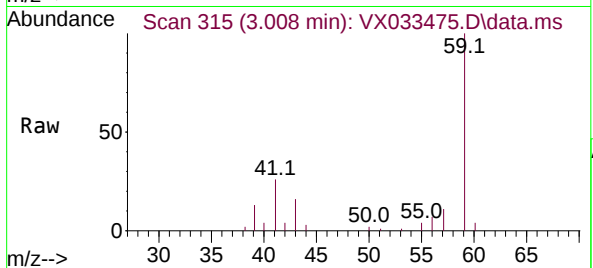
57 5.6 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#12

1,1-Dichloroethene

Concen: 13.706 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX033475.D

Acq: 19 Dec 2022 11:41

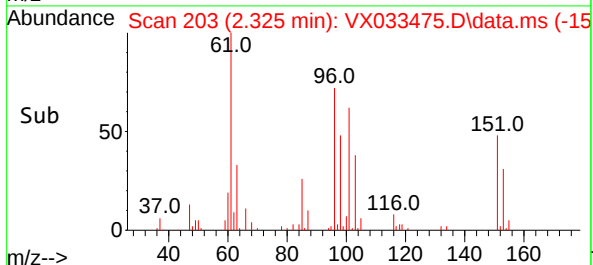
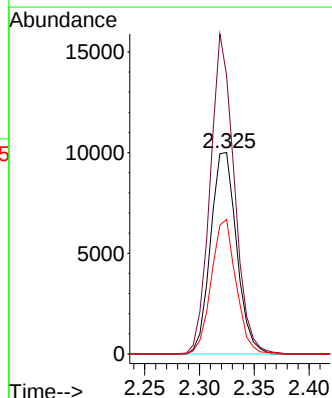
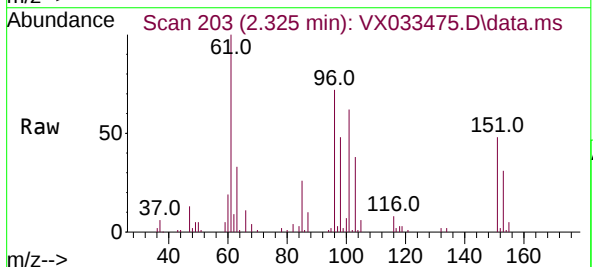
Tgt Ion: 96 Resp: 16506

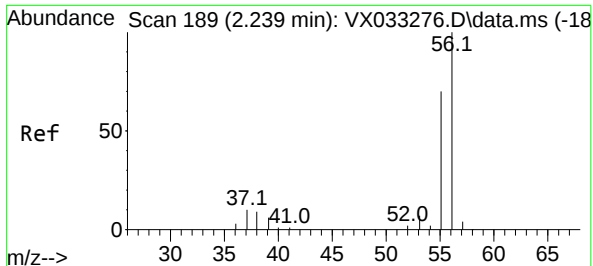
Ion Ratio Lower Upper

96 100

61 138.1 125.1 187.7

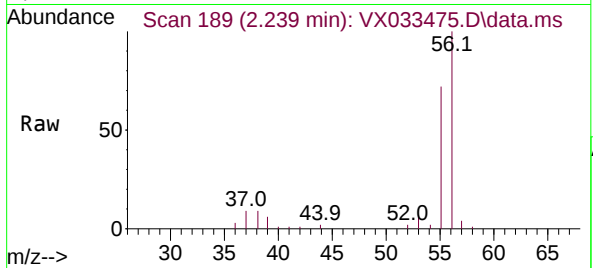
98 66.8 50.6 76.0





#13
Acrolein
Concen: 66.706 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

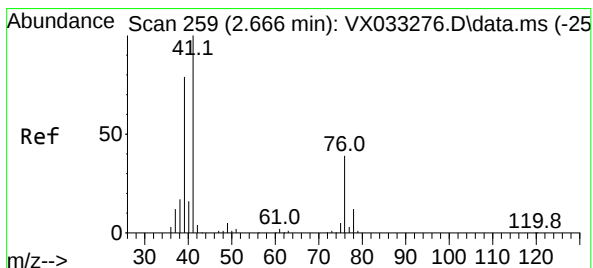
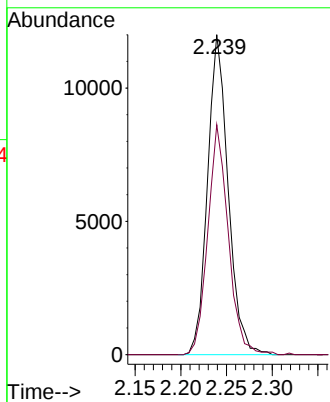
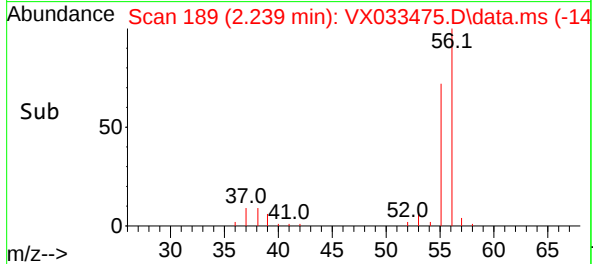
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



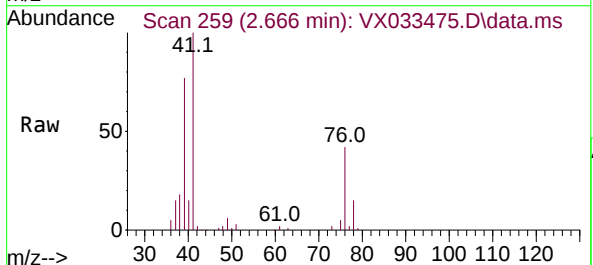
Tgt Ion: 56 Resp: 18850
Ion Ratio Lower Upper
56 100
55 71.5 56.9 85.3

Manual Integrations
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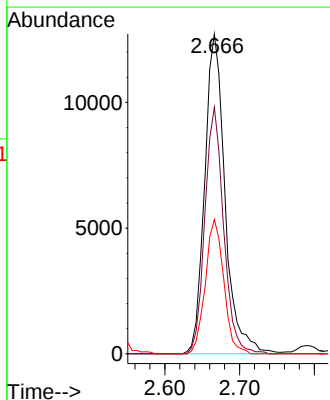
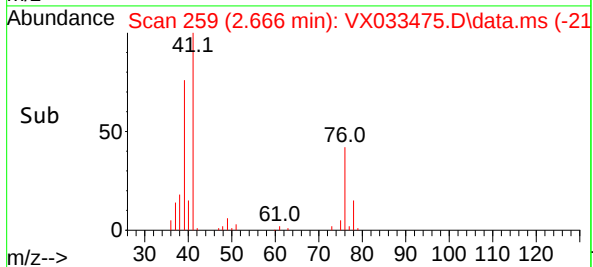
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

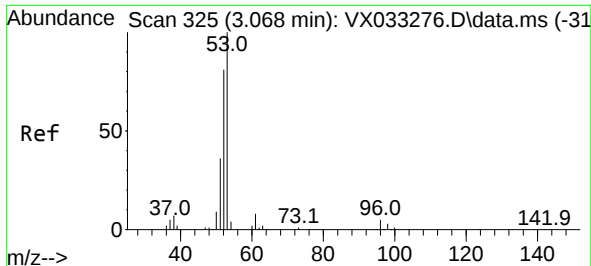


#14
Allyl chloride
Concen: 12.537 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41



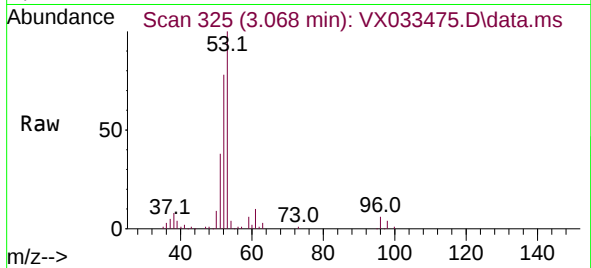
Tgt Ion: 41 Resp: 24111
Ion Ratio Lower Upper
41 100
39 71.0 61.4 92.2
76 38.0 29.2 43.8





#15
Acrylonitrile
Concen: 92.899 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

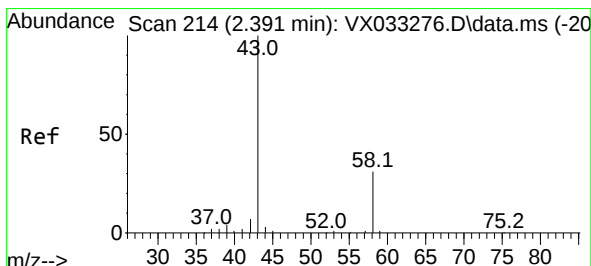
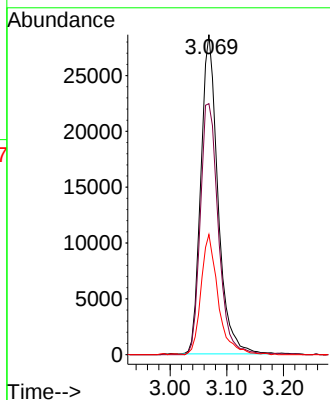
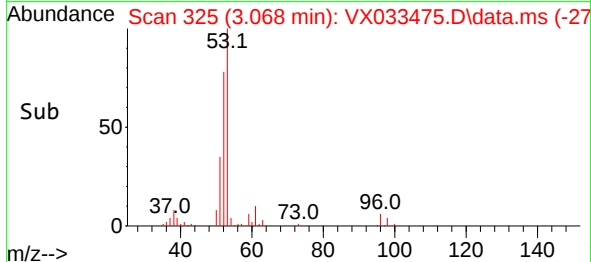
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



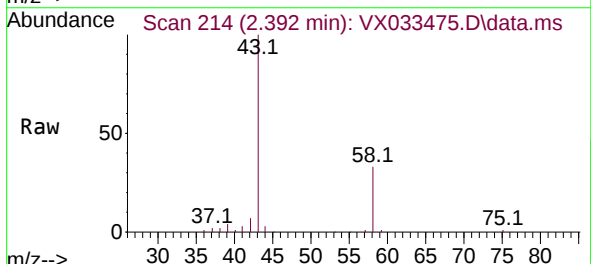
Tgt Ion: 53 Resp: 59959
Ion Ratio Lower Upper
53 100
52 83.1 67.4 101.0
51 37.7 30.3 45.5

Manual Integrations
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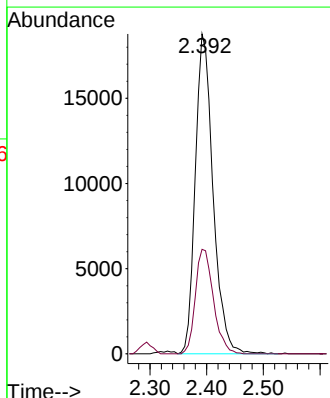
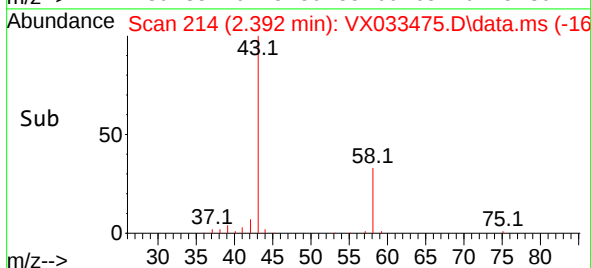
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

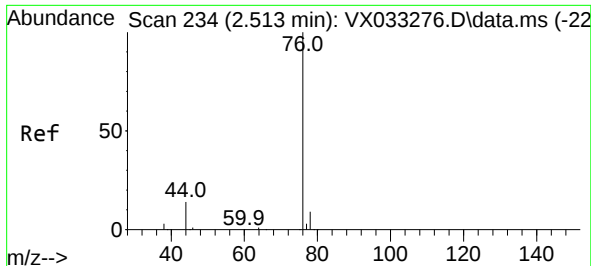


#16
Acetone
Concen: 64.892 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41



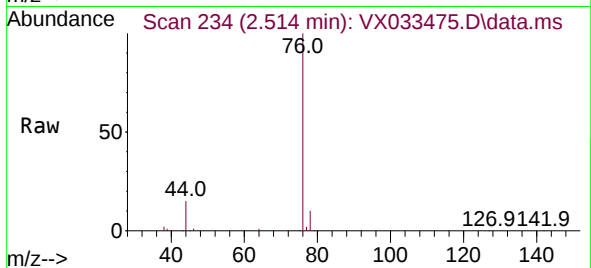
Tgt Ion: 43 Resp: 40922
Ion Ratio Lower Upper
43 100
58 32.7 23.8 35.8





#17
Carbon Disulfide
Concen: 12.363 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

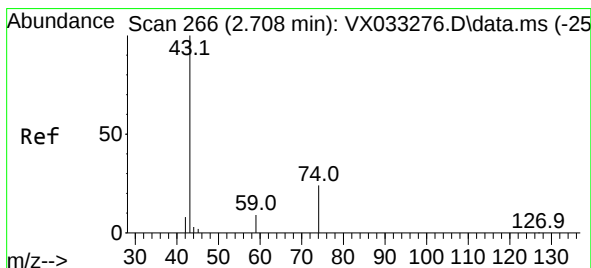
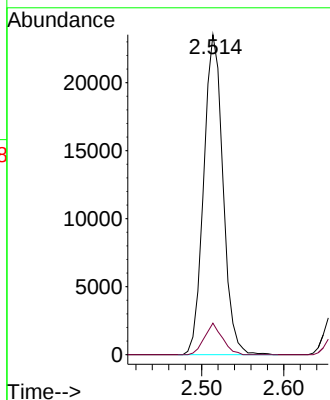
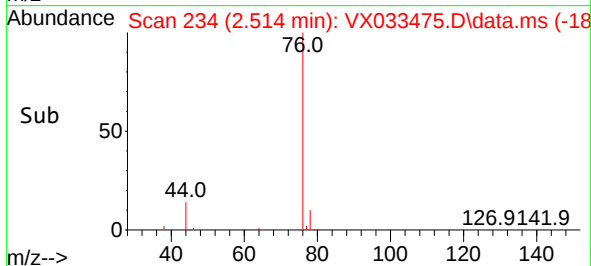
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



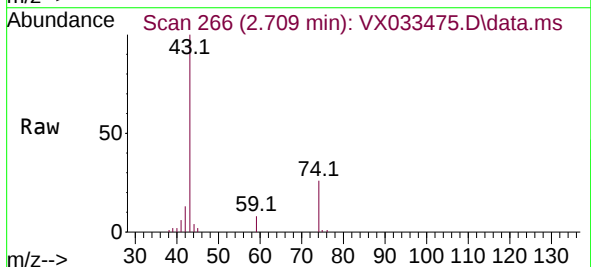
Tgt Ion: 76 Resp: 38214
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3

Manual Integrations
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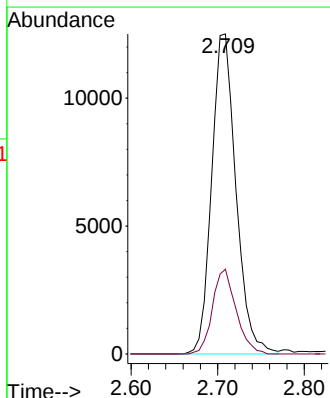
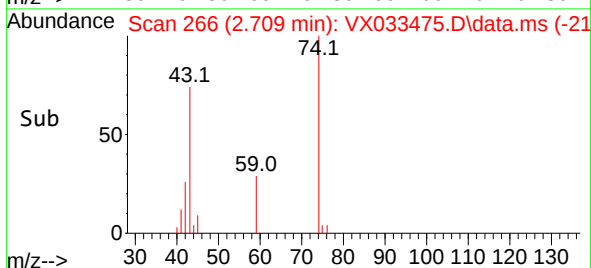
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

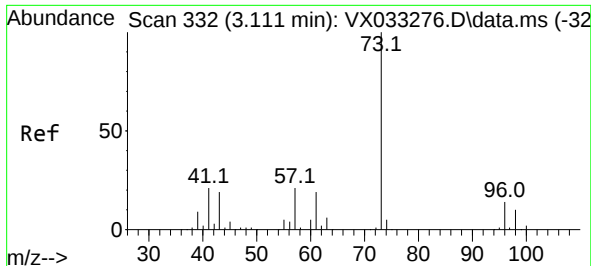


#18
Methyl Acetate
Concen: 13.385 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41



Tgt Ion: 43 Resp: 24436
Ion Ratio Lower Upper
43 100
74 25.6 19.4 29.0





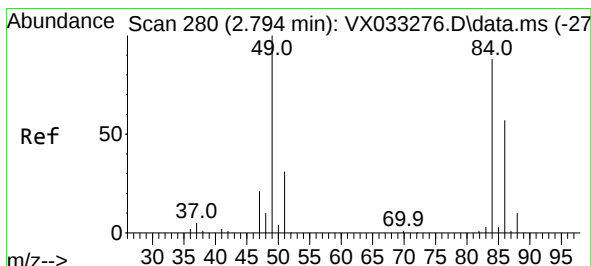
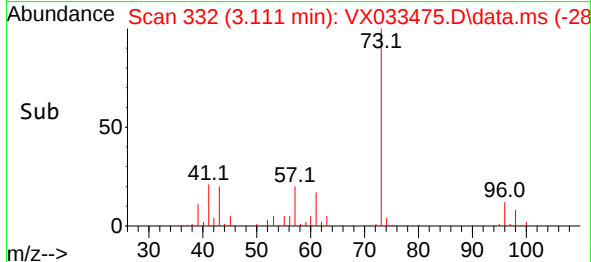
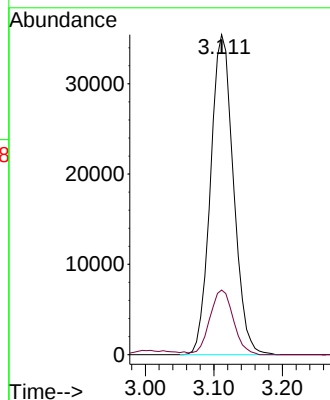
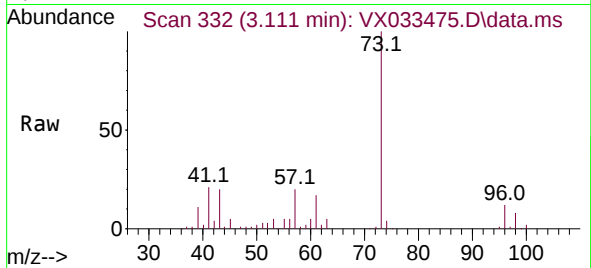
#19
Methyl tert-butyl Ether
Concen: 19.790 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01

Tgt Ion: 73 Resp: 8255
Ion Ratio Lower Upper
73 100
57 20.2 16.6 25.0

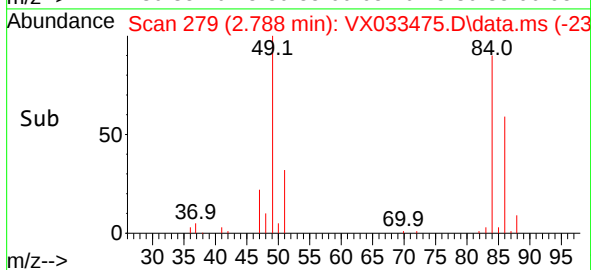
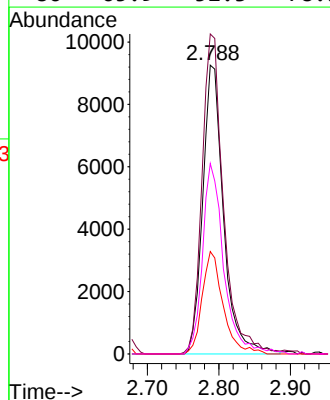
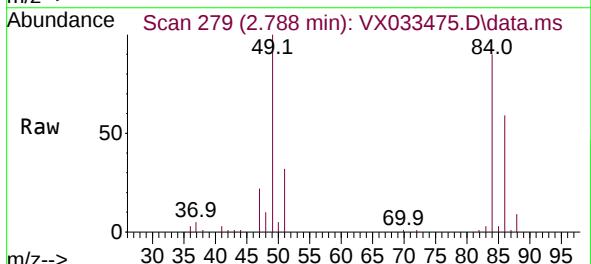
Manual Integrations
APPROVED

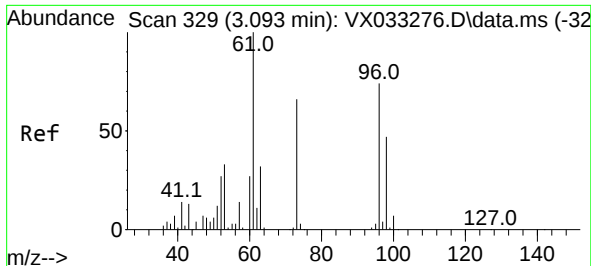
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#20
Methylene Chloride
Concen: 13.304 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

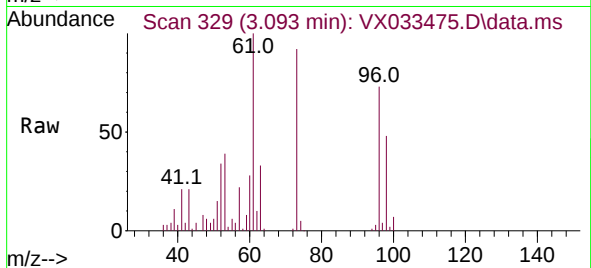
Tgt Ion: 84 Resp: 18711
Ion Ratio Lower Upper
84 100
49 110.8 101.0 151.6
51 35.4 31.1 46.7
86 65.9 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 19.060 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

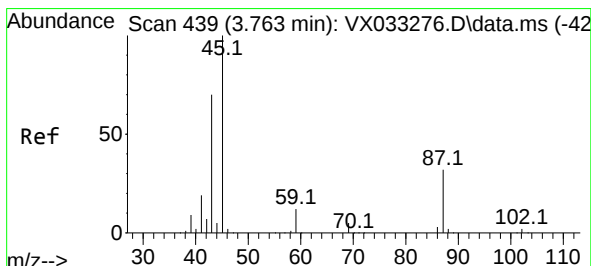
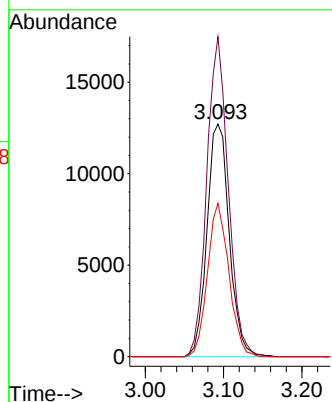
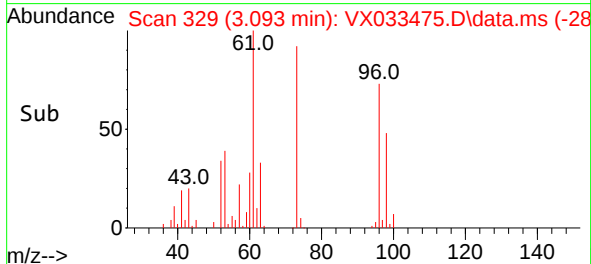
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



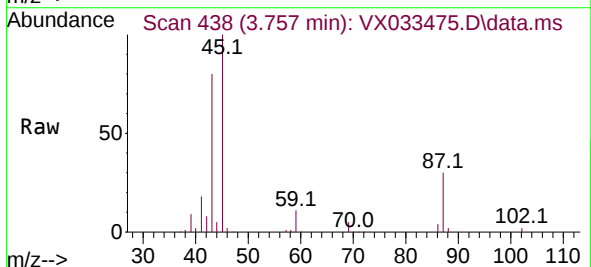
Tgt Ion: 96 Resp: 25110
Ion Ratio Lower Upper
96 100
61 137.7 106.6 160.0
98 66.0 51.0 76.6

Manual Integrations
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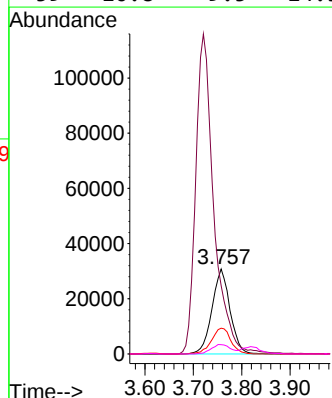
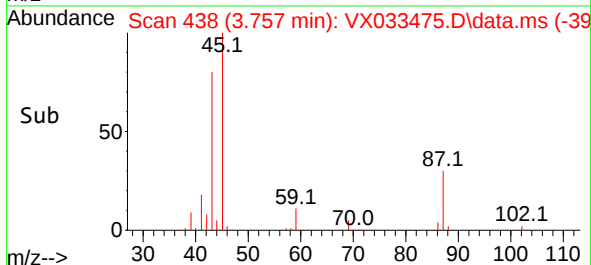
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

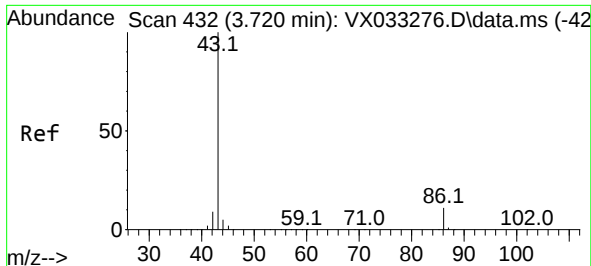


#22
Diisopropyl ether
Concen: 19.241 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41



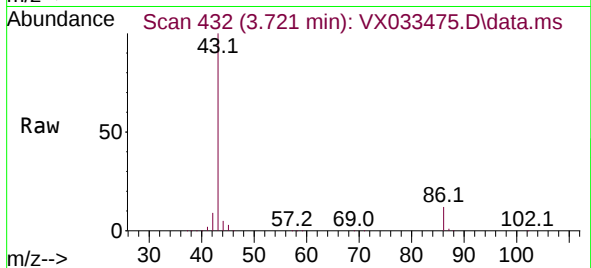
Tgt Ion: 45 Resp: 79283
Ion Ratio Lower Upper
45 100
43 80.1 56.4 84.6
87 30.2 24.4 36.6
59 10.8 9.5 14.3





#23
 Vinyl Acetate
 Concen: 94.308 ug/l
 RT: 3.721 min Scan# 432
 Delta R.T. 0.000 min
 Lab File: VX033475.D
 Acq: 19 Dec 2022 11:41

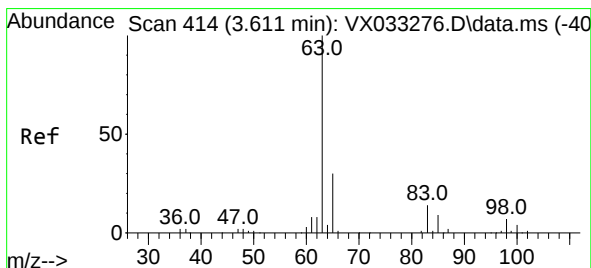
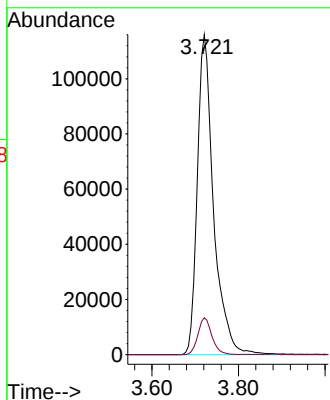
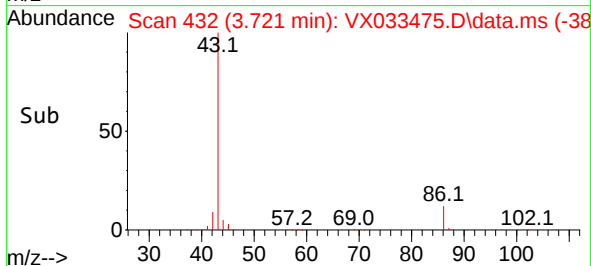
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD01



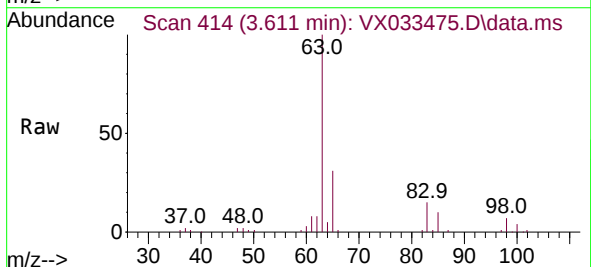
Tgt Ion: 43 Resp: 301619
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 12.8

Manual Integrations
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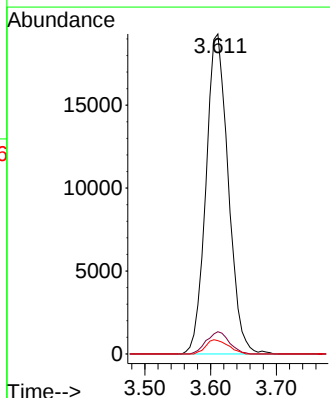
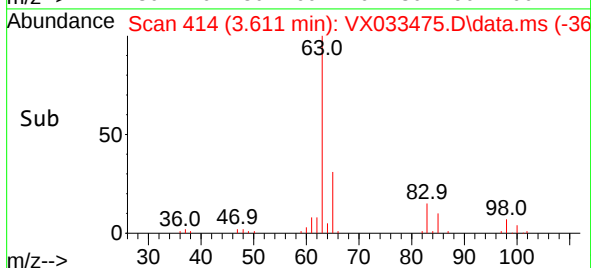
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

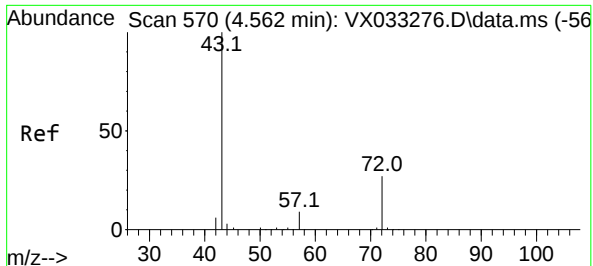


#24
 1,1-Dichloroethane
 Concen: 18.735 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033475.D
 Acq: 19 Dec 2022 11:41



Tgt Ion: 63 Resp: 45358
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.1 2.3 6.8





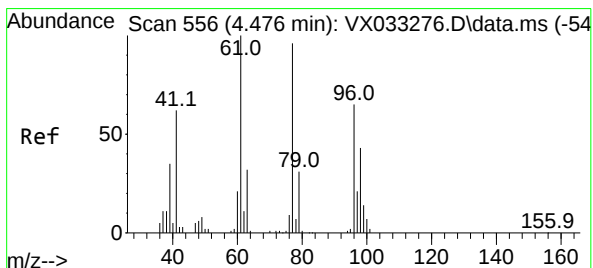
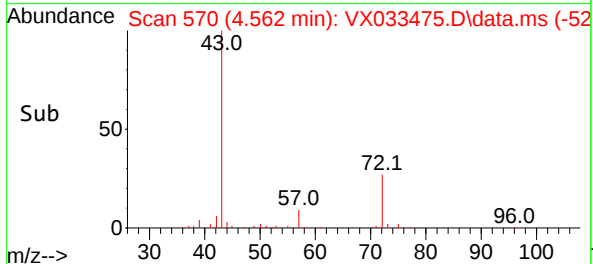
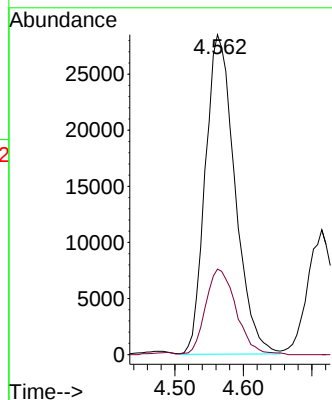
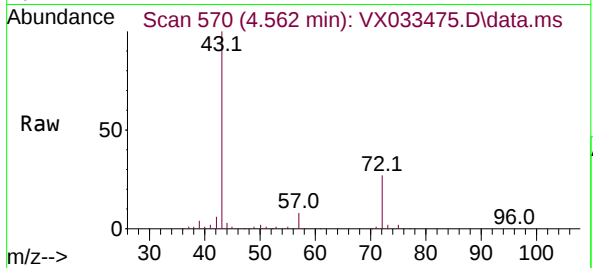
#25
2-Butanone
Concen: 94.622 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01

Tgt Ion: 43 Resp: 85652
Ion Ratio Lower Upper
43 100
72 26.6 22.2 33.2

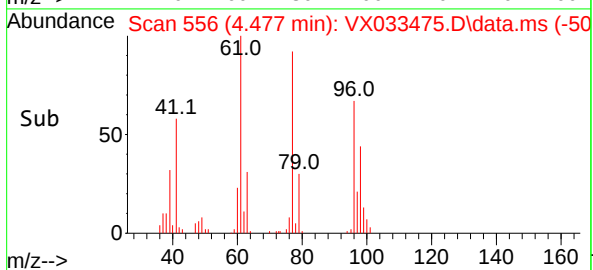
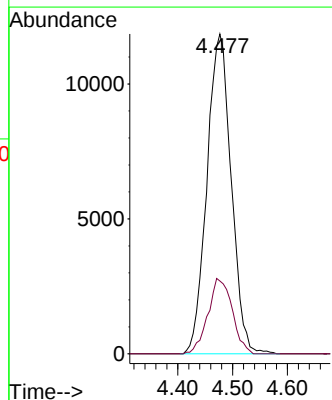
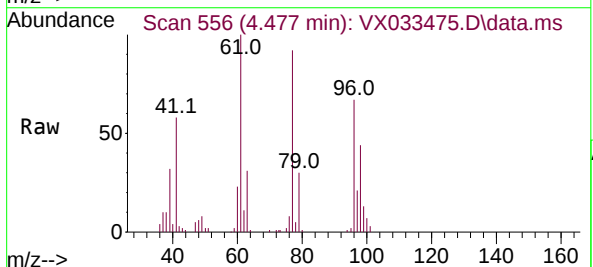
Manual Integrations
APPROVED

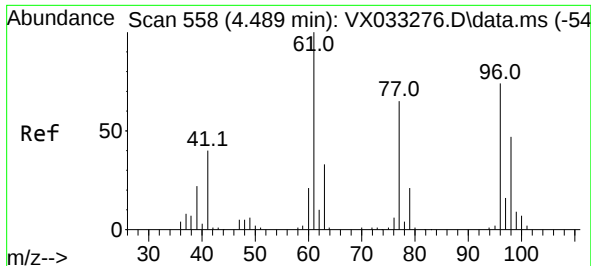
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#26
2,2-Dichloropropane
Concen: 20.502 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Tgt Ion: 77 Resp: 36503
Ion Ratio Lower Upper
77 100
97 23.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.098 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX033475.D

Acq: 19 Dec 2022 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD01

Tgt Ion: 96 Resp: 30068

Ion Ratio Lower Upper

96 100

61 139.6 0.0 286.0

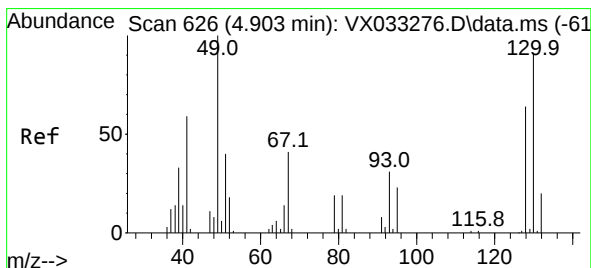
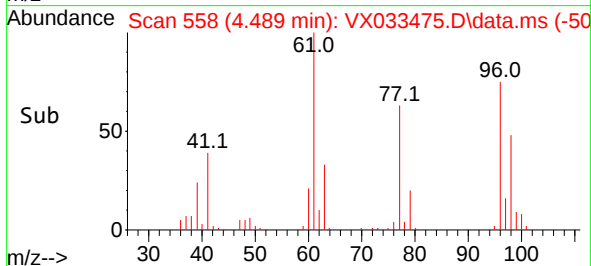
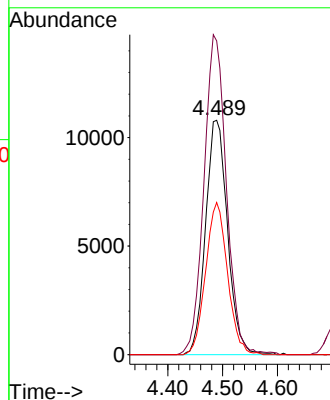
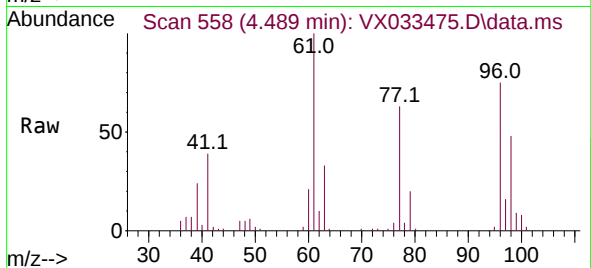
98 64.8 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#28

Bromochloromethane

Concen: 19.122 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX033475.D

Acq: 19 Dec 2022 11:41

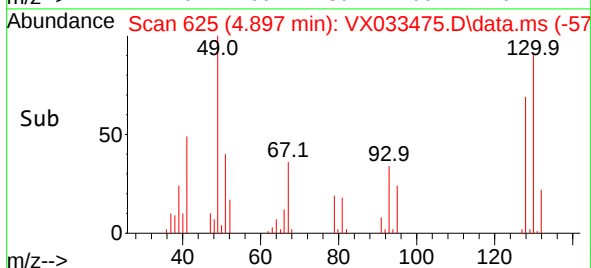
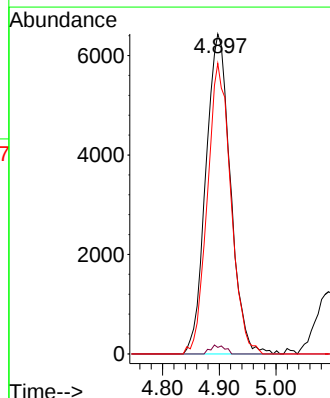
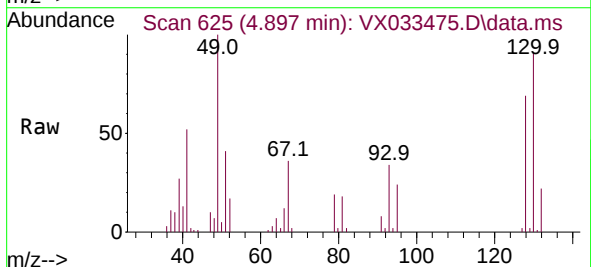
Tgt Ion: 49 Resp: 19380

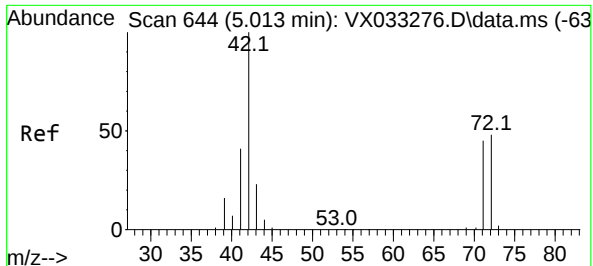
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 86.8 67.5 101.3





#29

Tetrahydrofuran

Concen: 91.054 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX033475.D

Acq: 19 Dec 2022 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD01

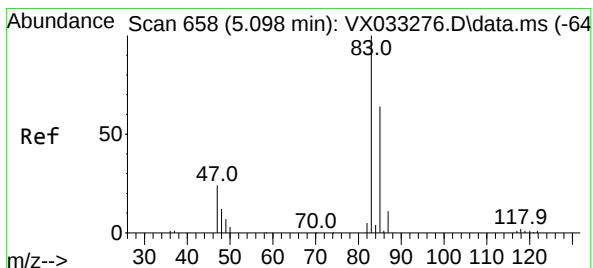
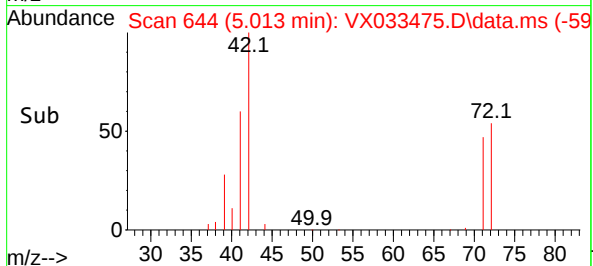
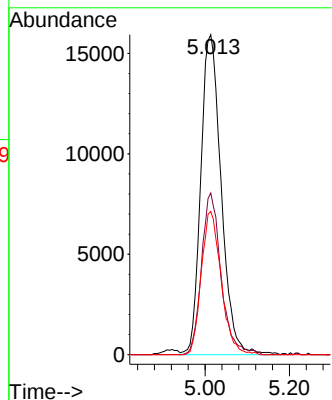
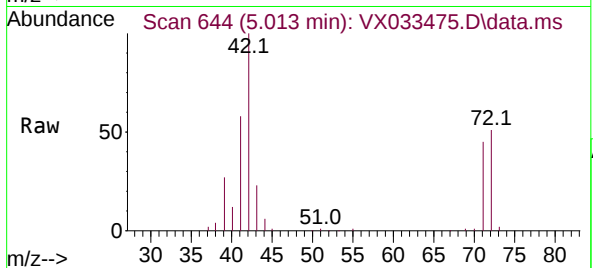
Tgt Ion:	42	Resp:	53402
Ion	Ratio	Lower	Upper
42	100		
72	48.3	37.6	56.4
71	43.6	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#30

Chloroform

Concen: 19.331 ug/l

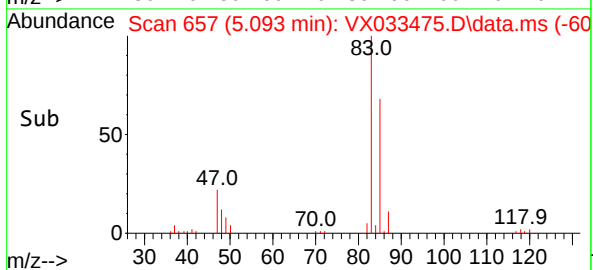
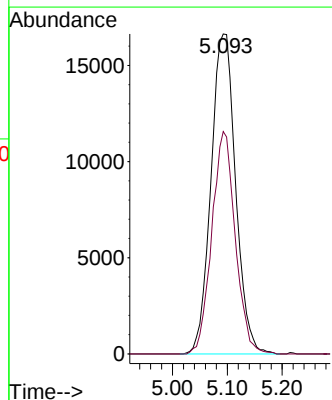
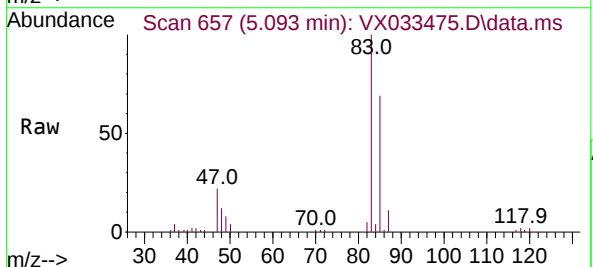
RT: 5.093 min Scan# 657

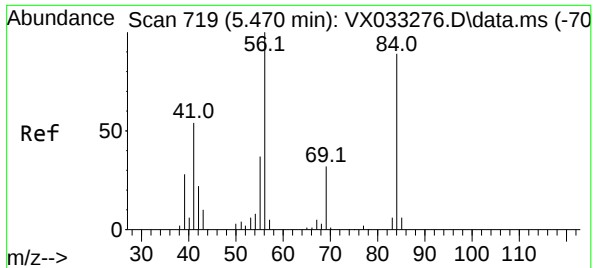
Delta R.T. -0.006 min

Lab File: VX033475.D

Acq: 19 Dec 2022 11:41

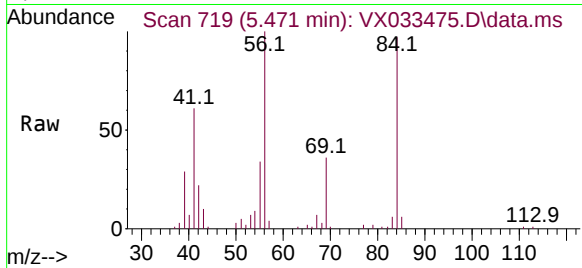
Tgt Ion:	83	Resp:	51958
Ion	Ratio	Lower	Upper
83	100		
85	69.5	51.1	76.7





#31
Cyclohexane
Concen: 18.326 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

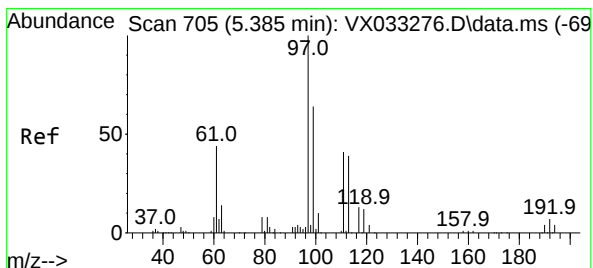
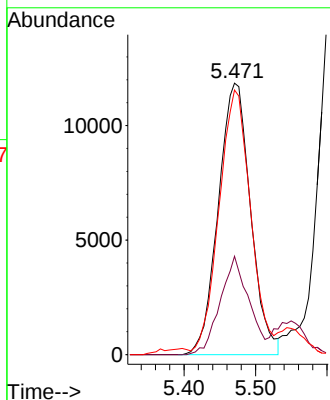
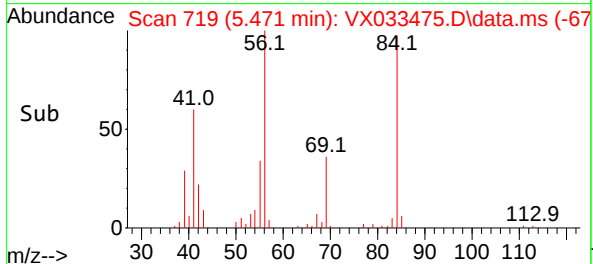
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



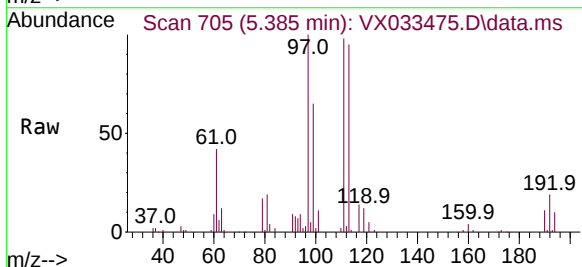
Tgt Ion: 56 Resp: 37117
Ion Ratio Lower Upper
56 100
69 36.2 24.1 36.1
84 95.4 66.9 100.3

Manual Integrations
APPROVED

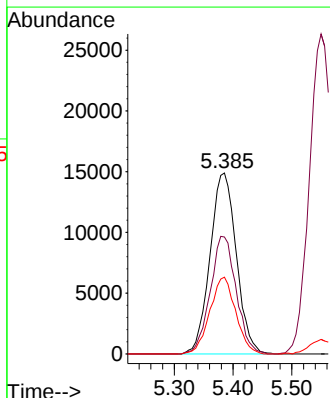
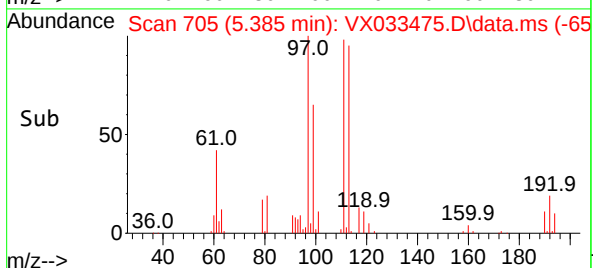
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

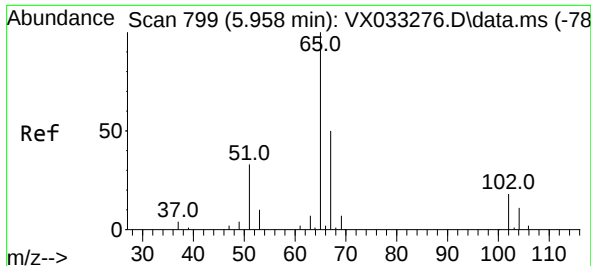


#32
1,1,1-Trichloroethane
Concen: 20.000 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41



Tgt Ion: 97 Resp: 46251
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 41.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 42.854 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033475.D

Acq: 19 Dec 2022 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD01

Tgt Ion: 65 Resp: 3652

Ion Ratio Lower Upper

65 100

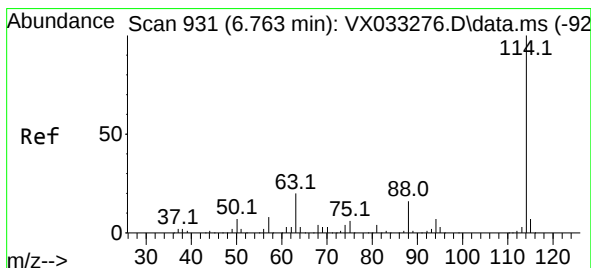
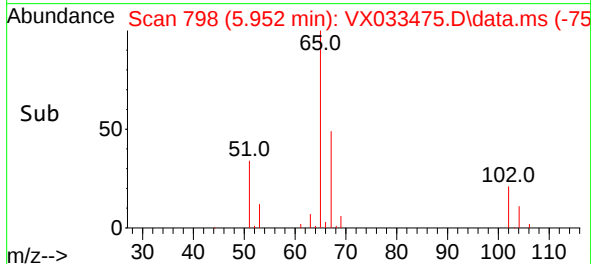
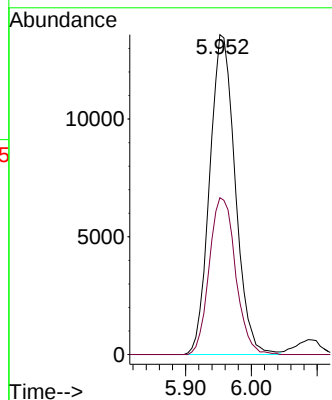
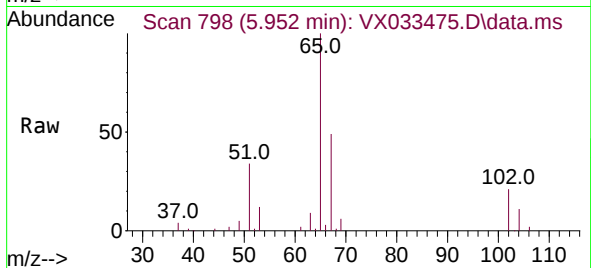
67 50.5 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033475.D

Acq: 19 Dec 2022 11:41

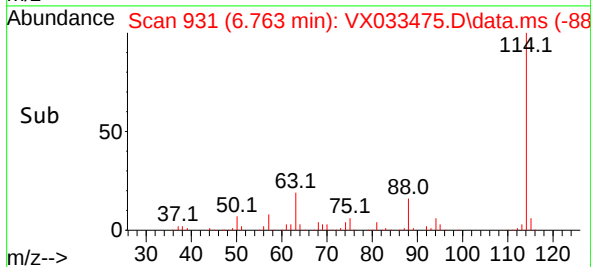
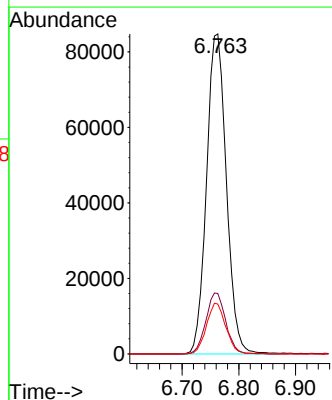
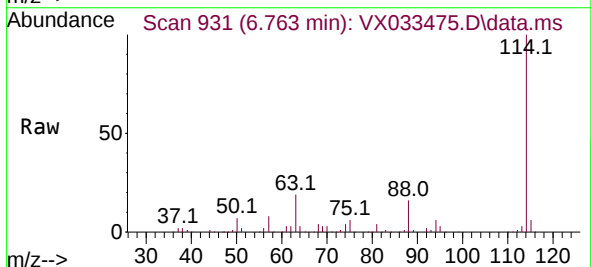
Tgt Ion:114 Resp: 205837

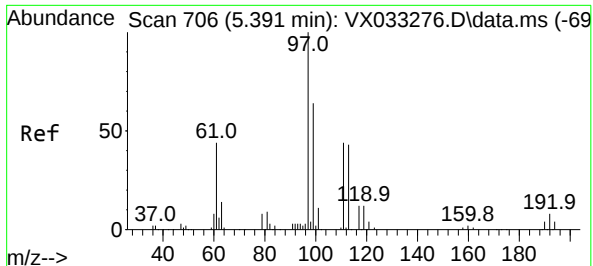
Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.6

88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.028 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033475.D

Acq: 19 Dec 2022 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD01

Tgt Ion:113 Resp: 41688

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

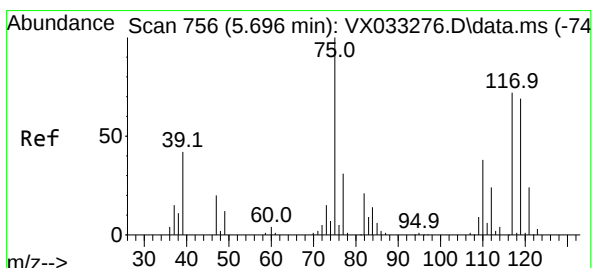
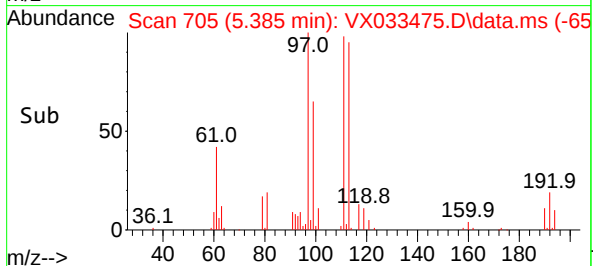
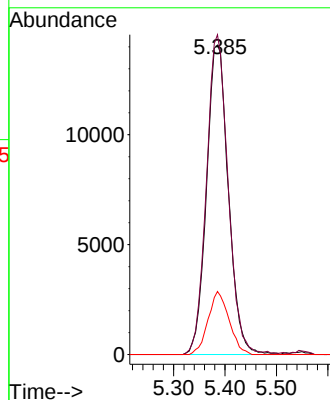
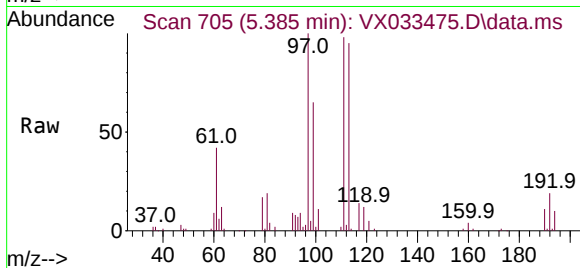
192 19.6 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#36

1,1-Dichloropropene

Concen: 19.841 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX033475.D

Acq: 19 Dec 2022 11:41

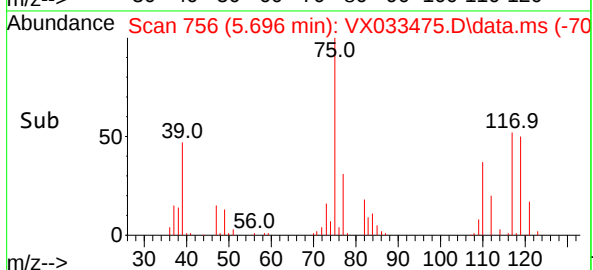
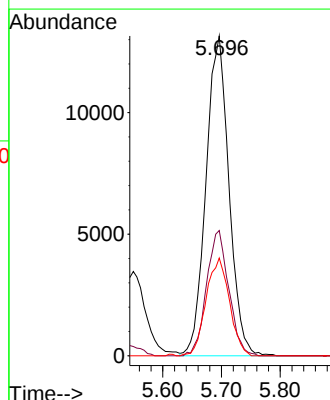
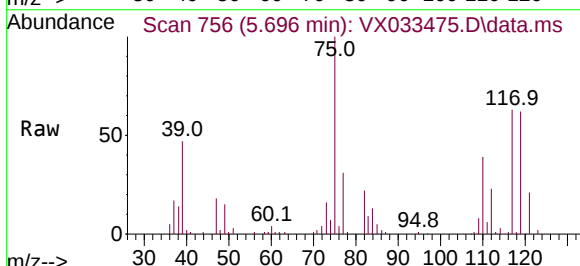
Tgt Ion: 75 Resp: 35813

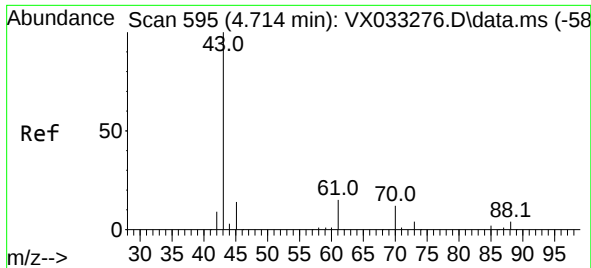
Ion Ratio Lower Upper

75 100

110 37.8 18.4 55.2

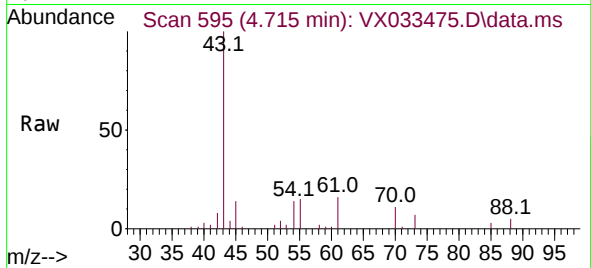
77 31.0 24.5 36.7





#37
Ethyl Acetate
Concen: 18.939 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

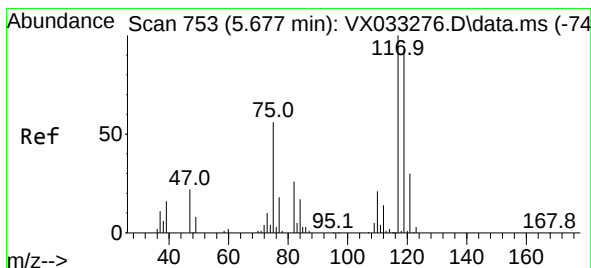
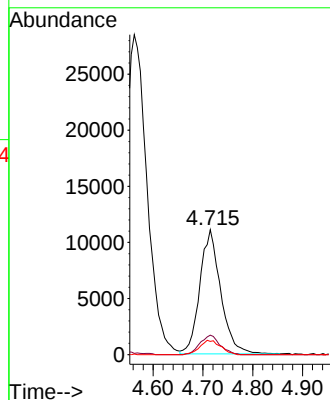
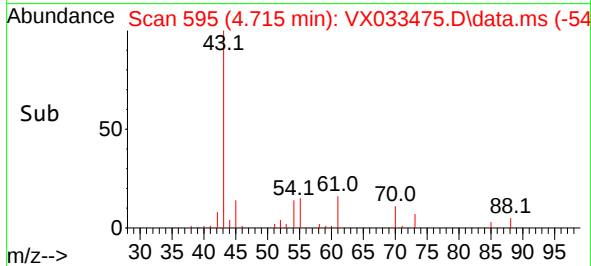
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



Tgt Ion: 43 Resp: 32315
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 11.4 9.1 13.7

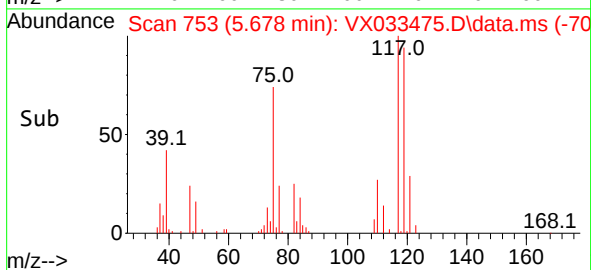
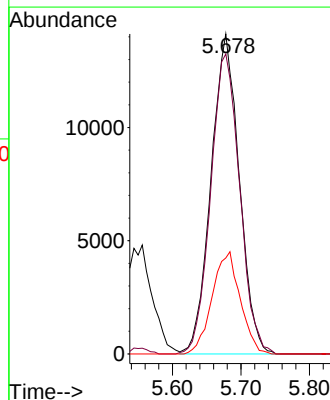
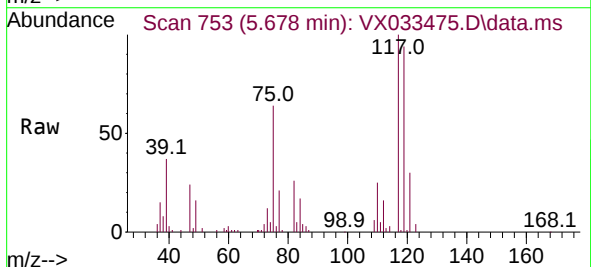
Manual Integrations
APPROVED

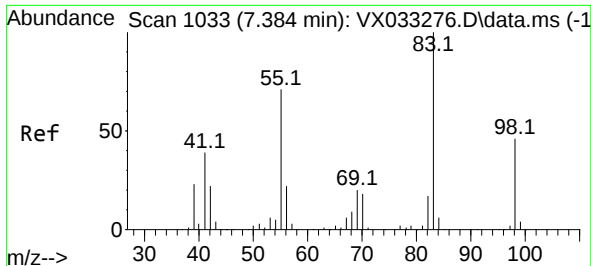
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#38
Carbon Tetrachloride
Concen: 20.000 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

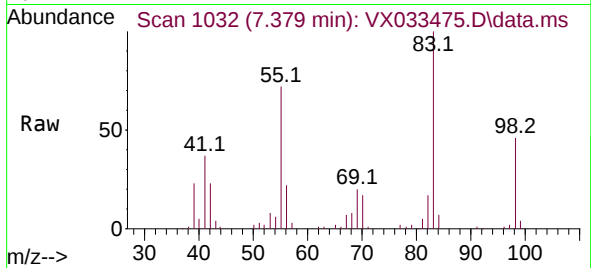
Tgt Ion:117 Resp: 40447
Ion Ratio Lower Upper
117 100
119 93.7 77.2 115.8
121 30.0 25.8 38.6





#39
Methylcyclohexane
Concen: 20.646 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

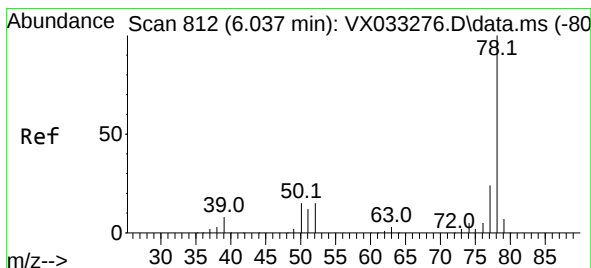
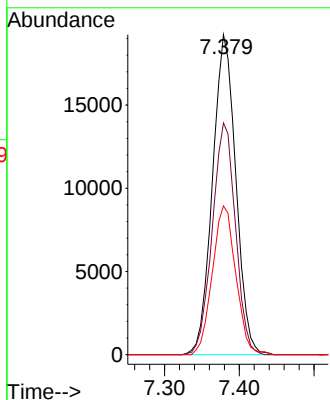
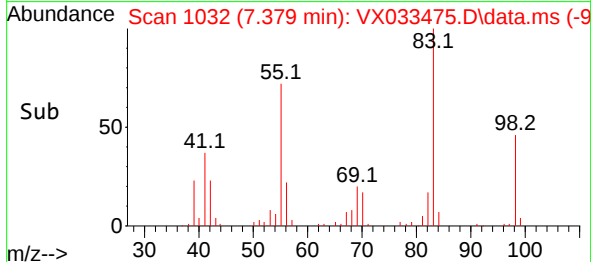
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



Tgt Ion: 83 Resp: 41713
Ion Ratio Lower Upper
83 100
55 72.4 58.4 87.6
98 46.5 37.2 55.8

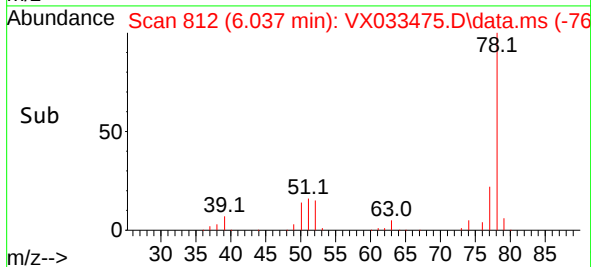
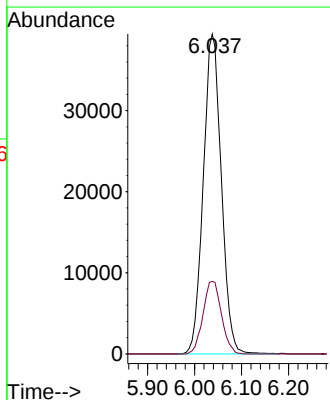
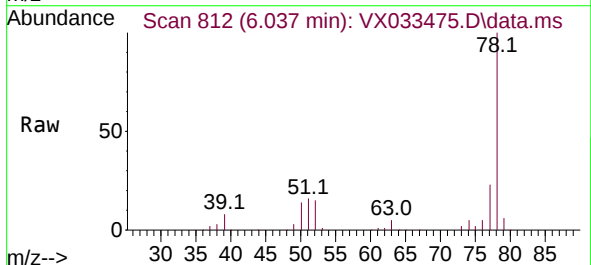
Manual Integrations
APPROVED

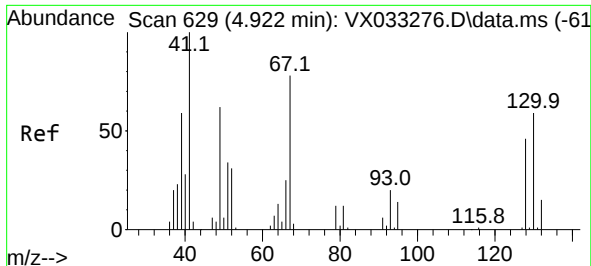
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#40
Benzene
Concen: 20.001 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

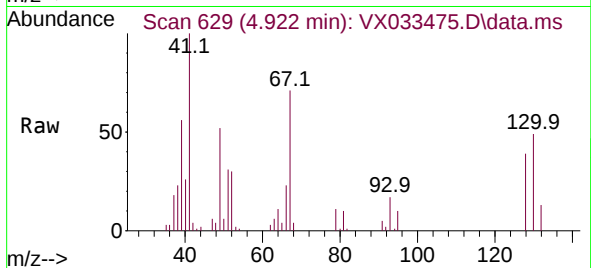
Tgt Ion: 78 Resp: 105261
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4





#41
Methacrylonitrile
Concen: 19.406 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

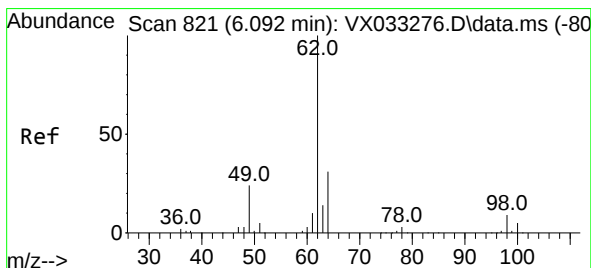
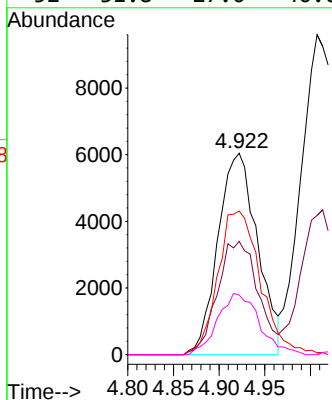
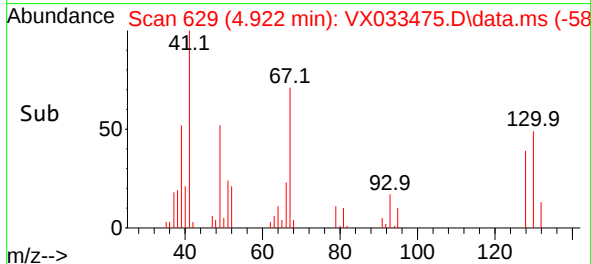
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



Tgt Ion: 41 Resp: 18246
Ion Ratio Lower Upper
41 100
39 57.8 47.5 71.3
67 76.7 60.5 90.7
52 31.8 27.0 40.6

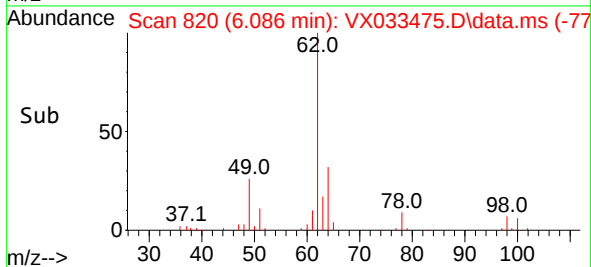
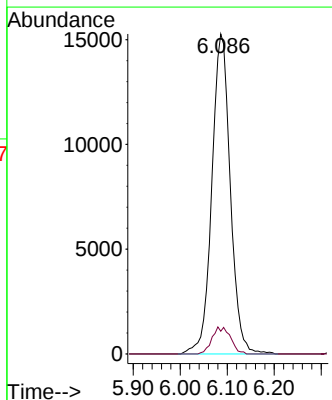
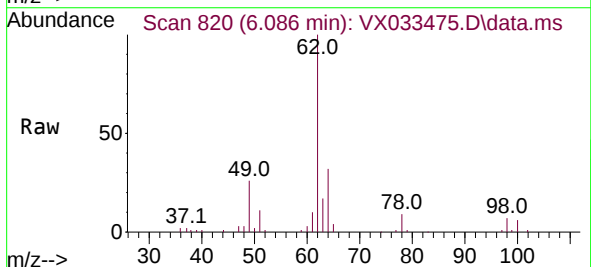
Manual Integrations
APPROVED

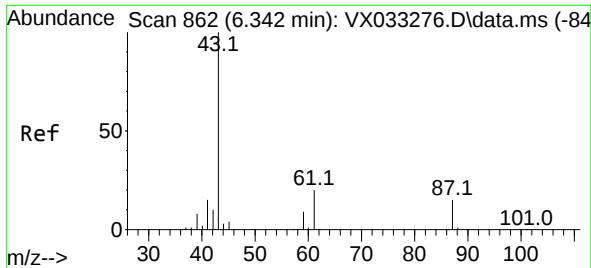
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#42
1,2-Dichloroethane
Concen: 19.904 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

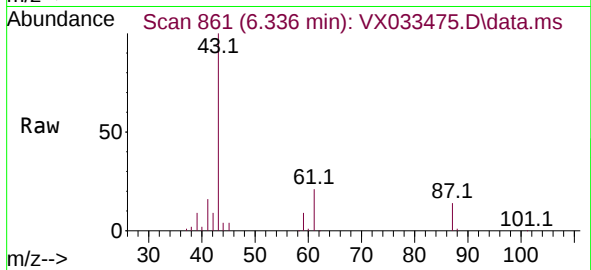
Tgt Ion: 62 Resp: 41596
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 19.425 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

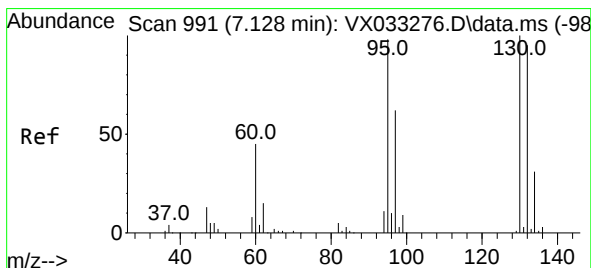
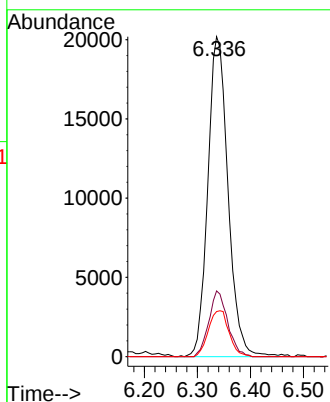
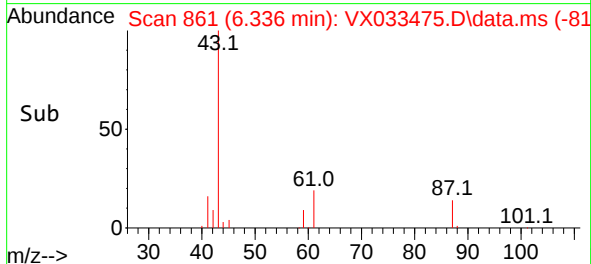
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



Tgt Ion: 43 Resp: 53329
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 14.6 10.8 16.2

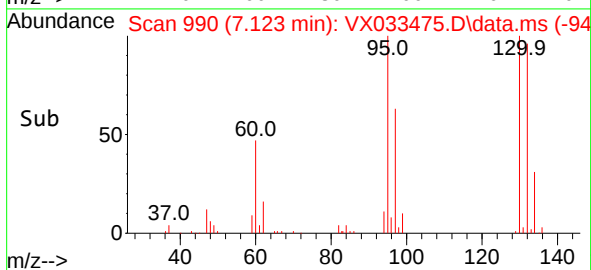
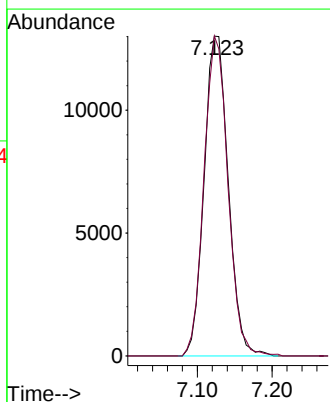
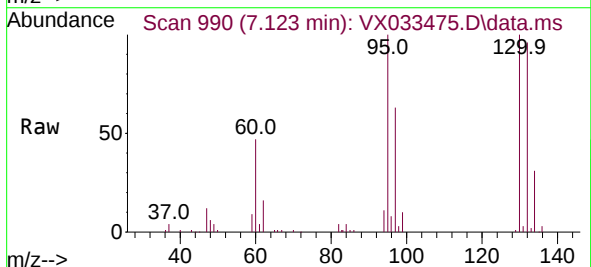
Manual Integrations
APPROVED

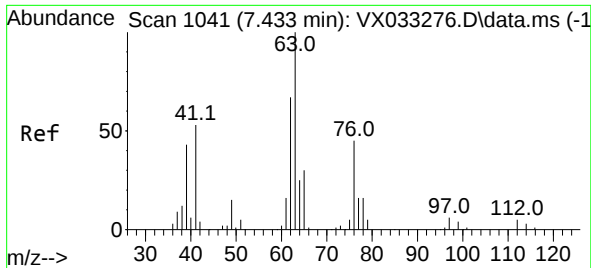
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#44
Trichloroethene
Concen: 20.177 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Tgt Ion:130 Resp: 29278
Ion Ratio Lower Upper
130 100
95 100.1 0.0 195.2





#45

1,2-Dichloropropane

Concen: 19.918 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033475.D

Acq: 19 Dec 2022 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD01

Tgt Ion: 63 Resp: 26808

Ion Ratio Lower Upper

63 100

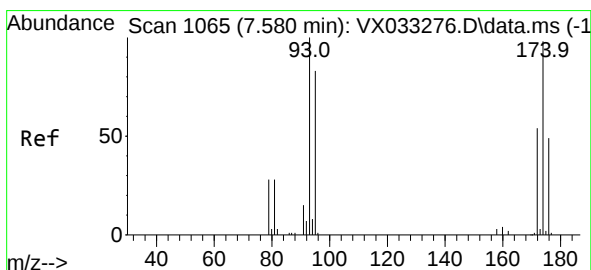
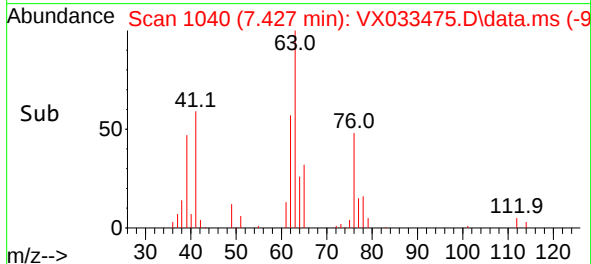
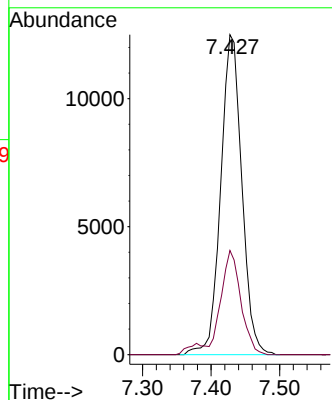
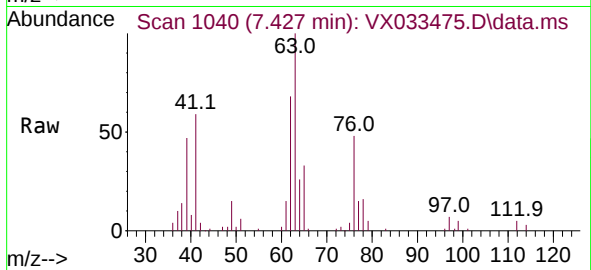
65 32.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#46

Dibromomethane

Concen: 20.211 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033475.D

Acq: 19 Dec 2022 11:41

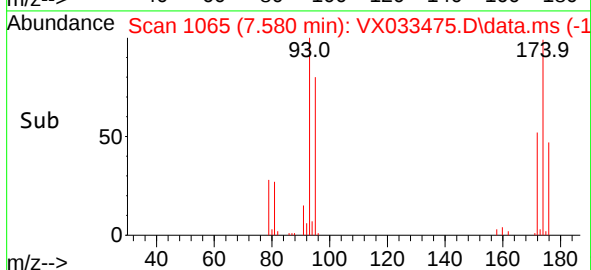
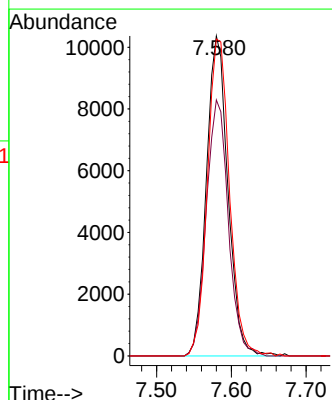
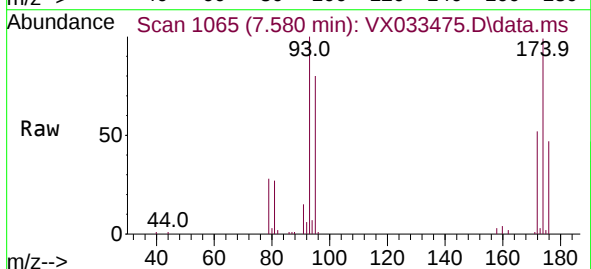
Tgt Ion: 93 Resp: 20723

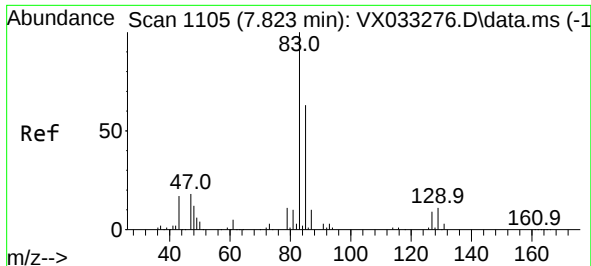
Ion Ratio Lower Upper

93 100

95 81.9 65.8 98.8

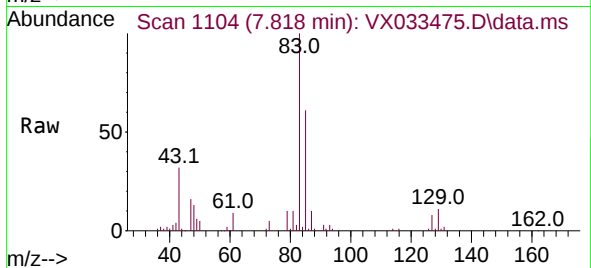
174 101.8 79.8 119.6





#47
Bromodichloromethane
Concen: 20.193 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

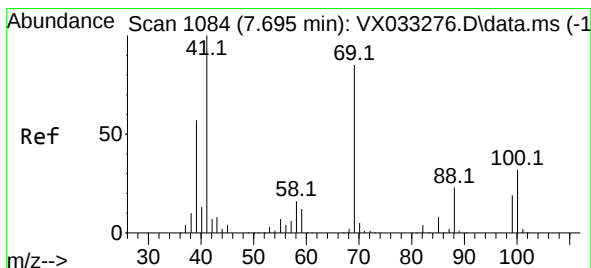
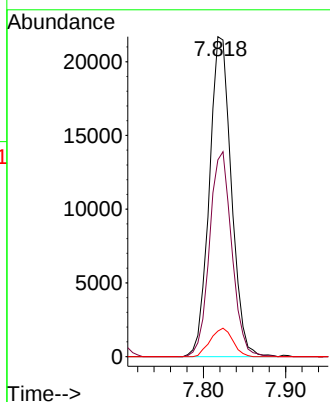
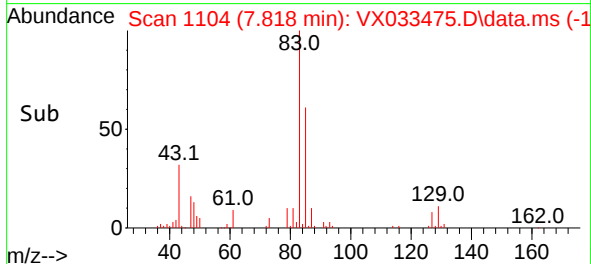
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



Tgt Ion: 83 Resp: 40358
Ion Ratio Lower Upper
83 100
85 61.5 52.2 78.4
127 8.0 7.4 11.2

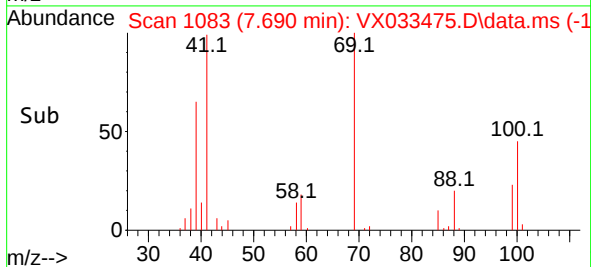
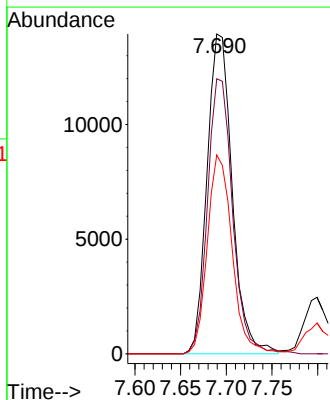
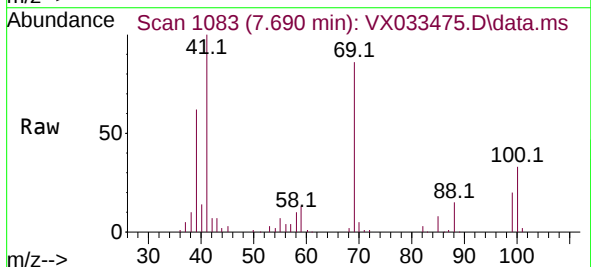
Manual Integrations
APPROVED

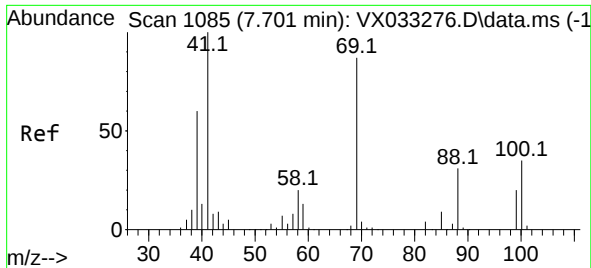
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#48
Methyl methacrylate
Concen: 18.883 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

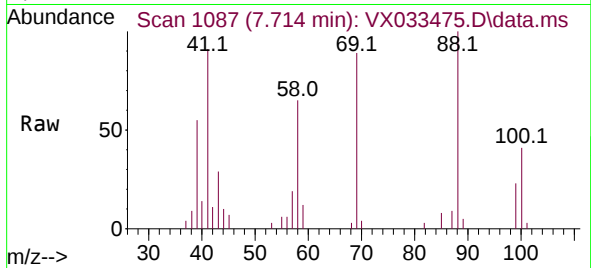
Tgt Ion: 41 Resp: 26756
Ion Ratio Lower Upper
41 100
69 85.6 65.1 97.7
39 61.1 51.9 77.9





#49
 1,4-Dioxane
 Concen: 410.462 ug/l
 RT: 7.714 min Scan# 1087
 Delta R.T. 0.013 min
 Lab File: VX033475.D
 Acq: 19 Dec 2022 11:41

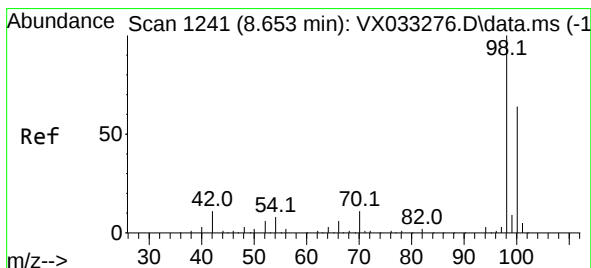
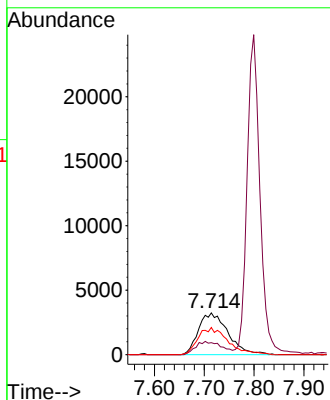
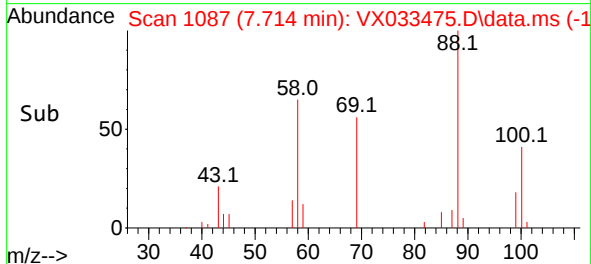
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD01



Tgt Ion: 88 Resp: 13262
 Ion Ratio Lower Upper
 88 100
 43 27.8 26.6 39.8
 58 65.5 51.7 77.5

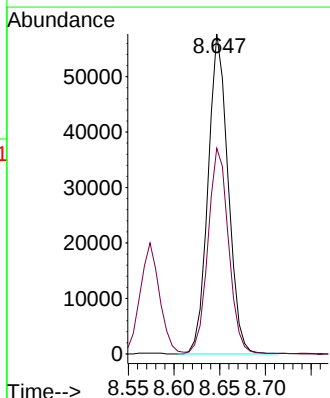
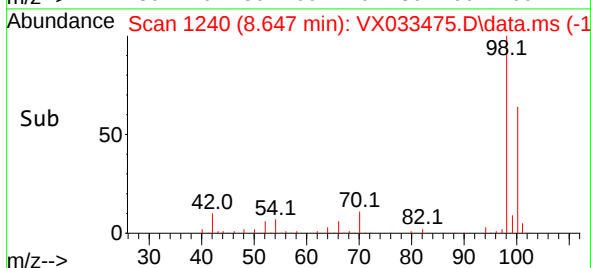
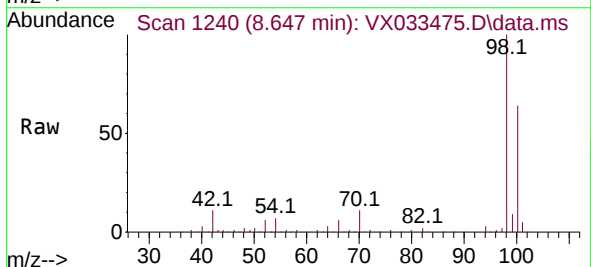
Manual Integrations
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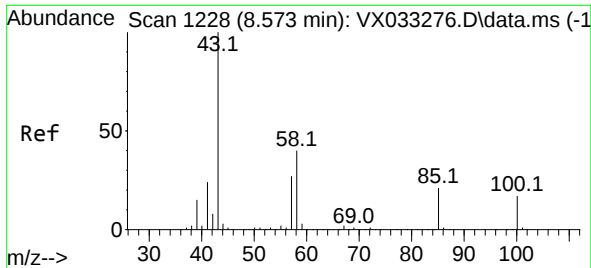
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#50
 Toluene-d8
 Concen: 45.392 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX033475.D
 Acq: 19 Dec 2022 11:41

Tgt Ion: 98 Resp: 87913
 Ion Ratio Lower Upper
 98 100
 100 66.2 50.9 76.3





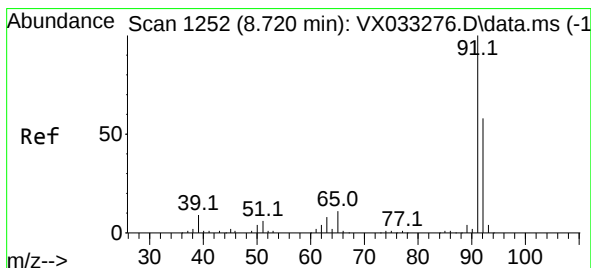
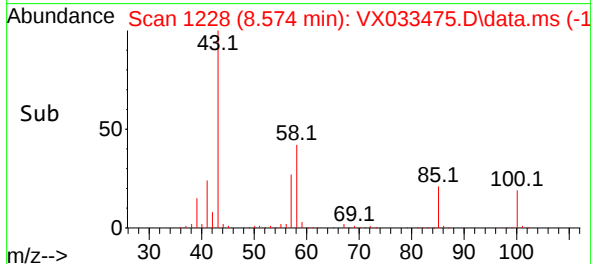
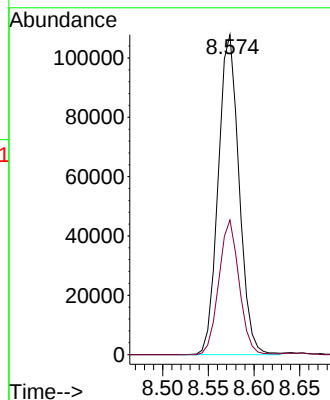
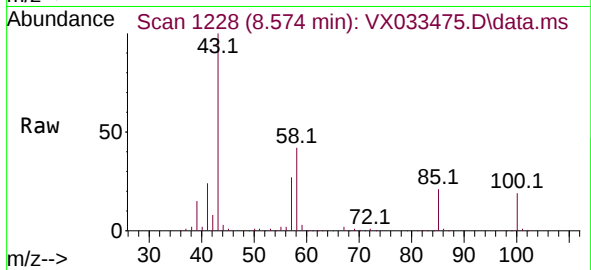
#51
4-Methyl-2-Pentanone
Concen: 98.519 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01

Tgt Ion: 43 Resp: 171043
Ion Ratio Lower Upper
43 100
58 40.9 30.9 46.3

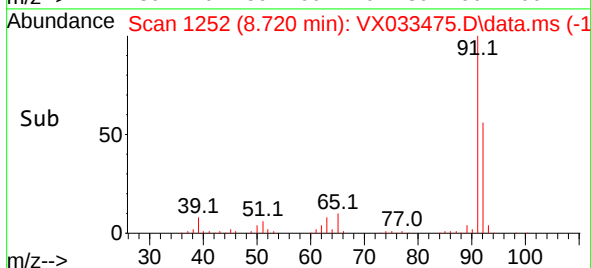
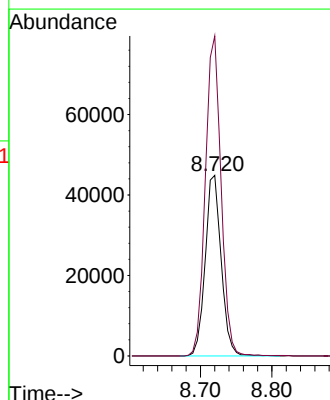
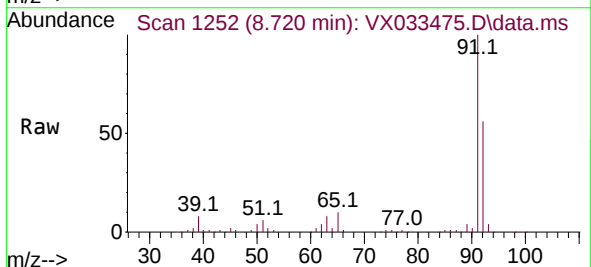
Manual Integrations
APPROVED

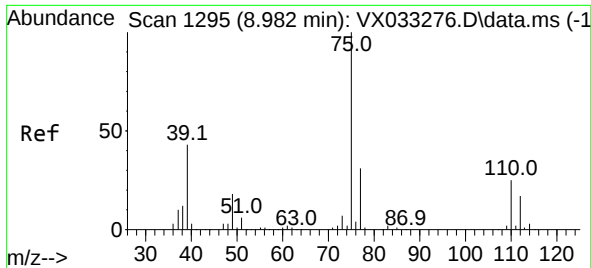
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#52
Toluene
Concen: 20.377 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Tgt Ion: 92 Resp: 69337
Ion Ratio Lower Upper
92 100
91 174.9 138.3 207.5





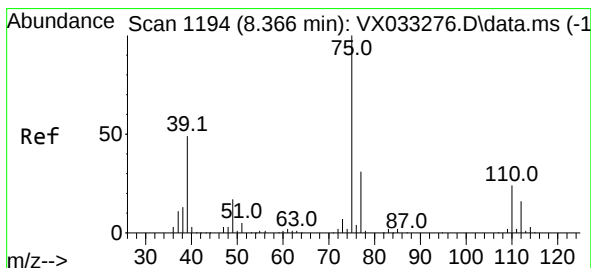
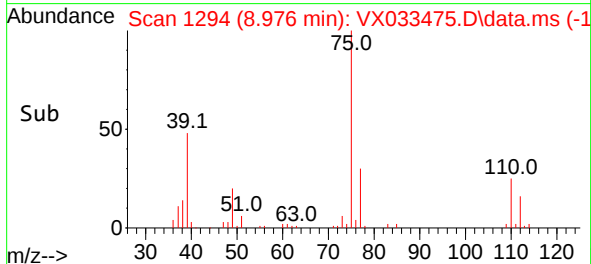
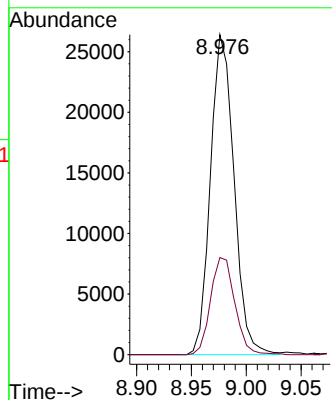
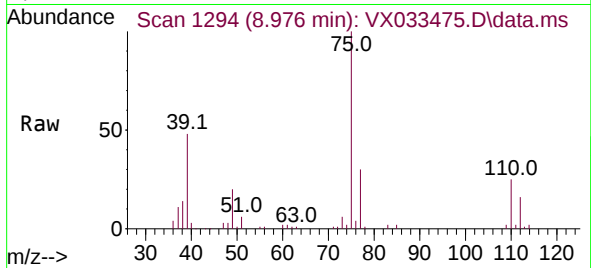
#53
 t-1,3-Dichloropropene
 Concen: 19.994 ug/l
 RT: 8.976 min Scan# 1295
 Delta R.T. -0.006 min
 Lab File: VX033475.D
 Acq: 19 Dec 2022 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD01

Tgt Ion: 75 Resp: 39529
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.1 37.7

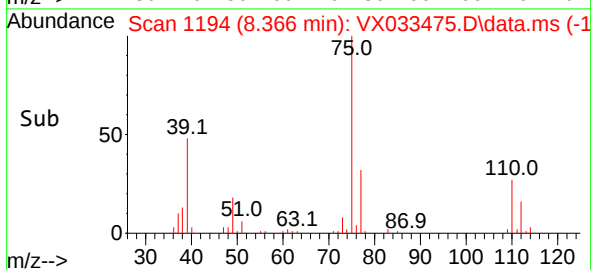
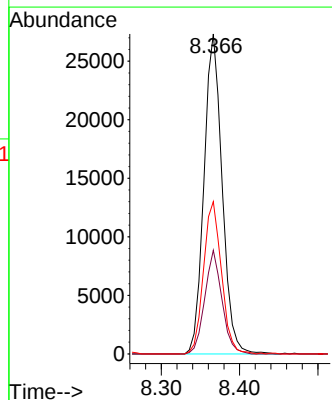
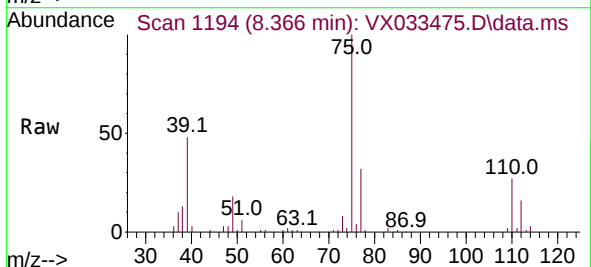
Manual Integrations
 APPROVED

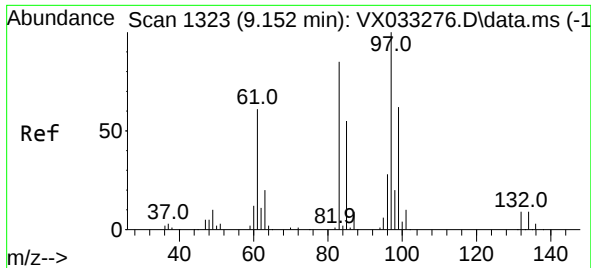
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#54
 cis-1,3-Dichloropropene
 Concen: 20.739 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX033475.D
 Acq: 19 Dec 2022 11:41

Tgt Ion: 75 Resp: 44108
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.1 37.7
 39 47.6 45.5 68.3





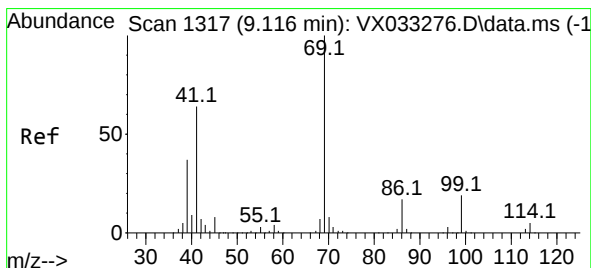
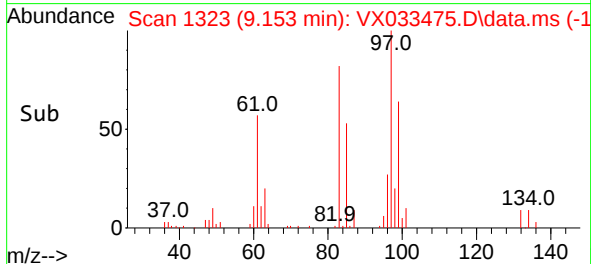
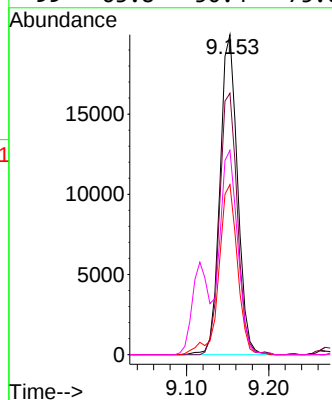
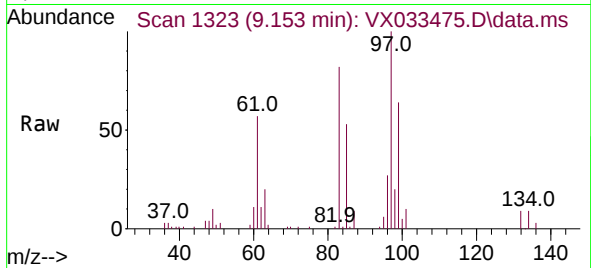
#55
1,1,2-Trichloroethane
Concen: 20.685 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.7	68.1	102.1
85	53.1	43.3	64.9
99	63.8	50.4	75.6

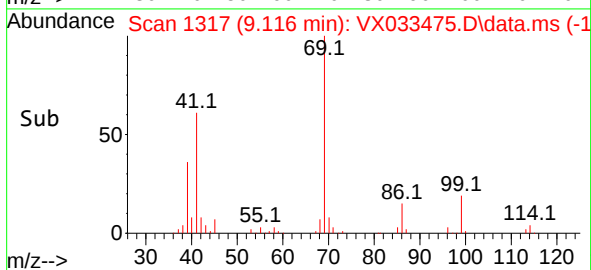
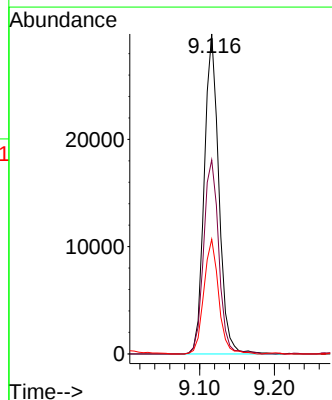
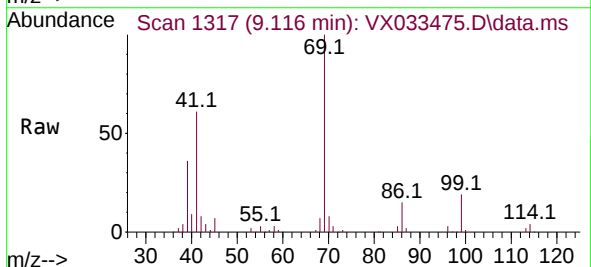
Manual Integrations
APPROVED

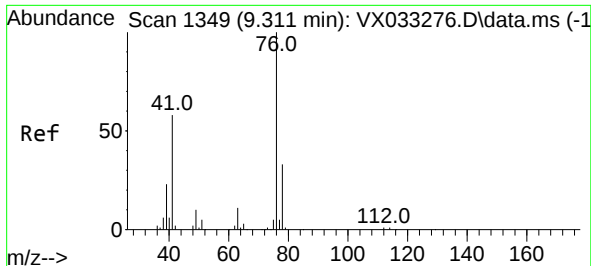
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#56
Ethyl methacrylate
Concen: 20.049 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.2	54.3	81.5
39	36.4	35.2	52.8





#57

1,3-Dichloropropane

Concen: 20.055 ug/l

RT: 9.305 min Scan# 1349

Delta R.T. -0.006 min

Lab File: VX033475.D

Acq: 19 Dec 2022 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD01

Tgt Ion: 76 Resp: 46083

Ion Ratio Lower Upper

76 100

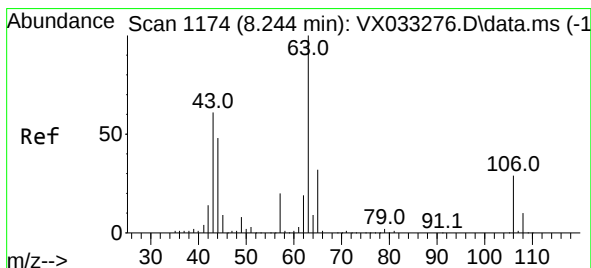
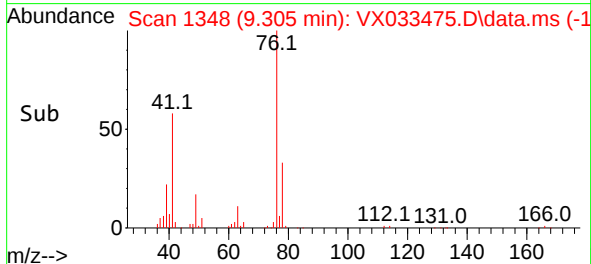
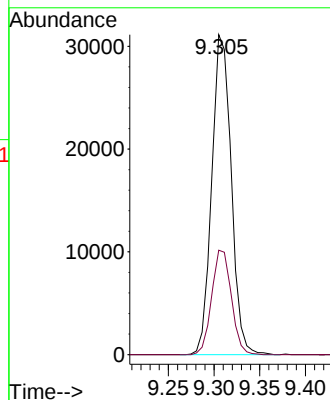
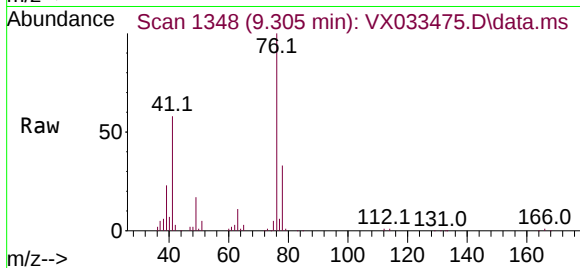
78 33.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 93.166 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033475.D

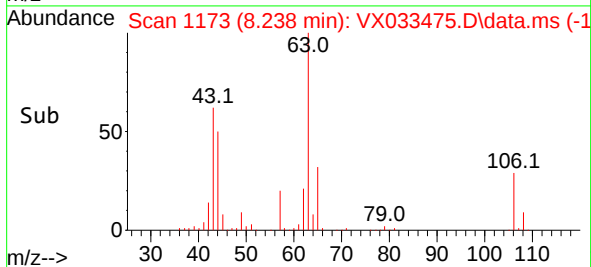
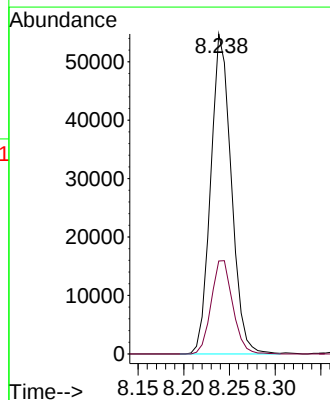
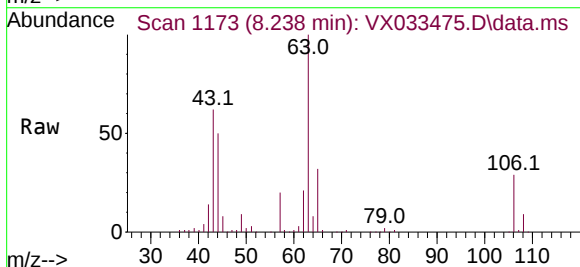
Acq: 19 Dec 2022 11:41

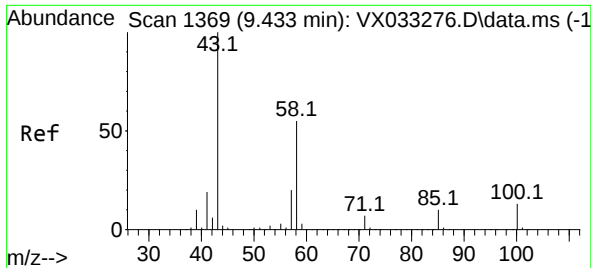
Tgt Ion: 63 Resp: 85851

Ion Ratio Lower Upper

63 100

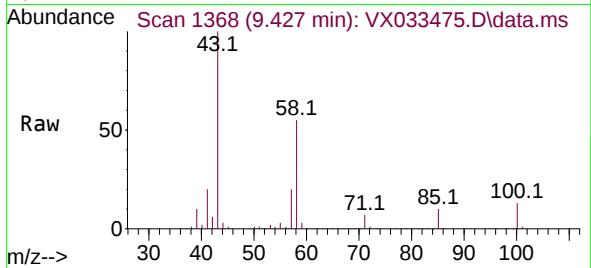
106 30.3 23.3 34.9





#59
2-Hexanone
Concen: 100.642 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

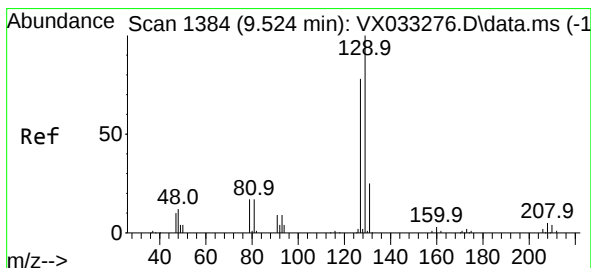
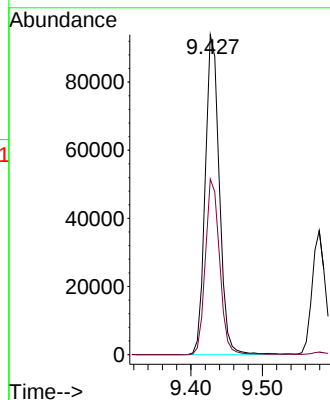
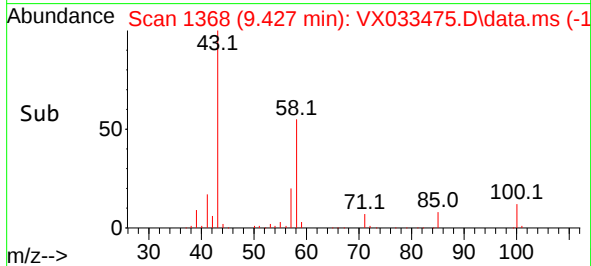
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



Tgt Ion: 43 Resp: 128763
Ion Ratio Lower Upper
43 100
58 55.4 26.5 79.5

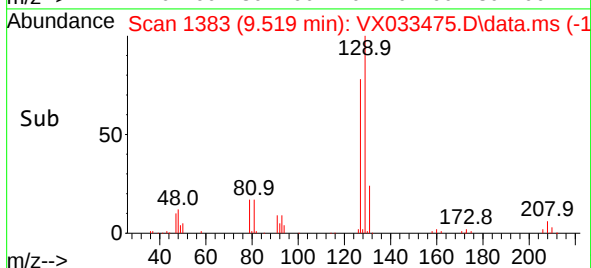
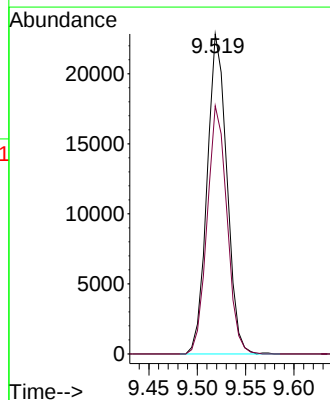
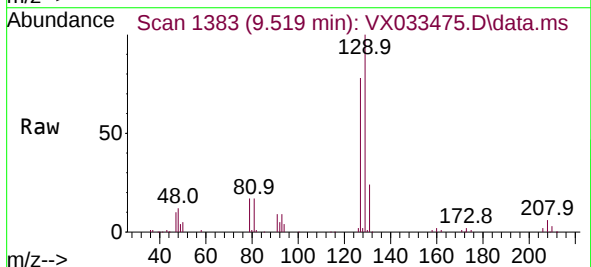
Manual Integrations
APPROVED

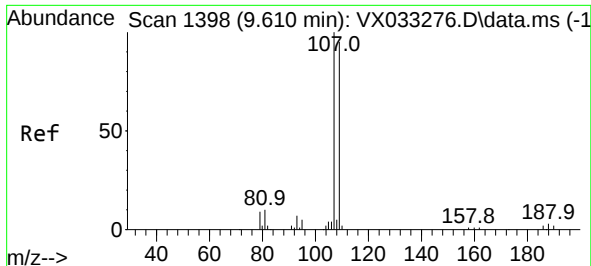
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#60
Dibromochloromethane
Concen: 20.504 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

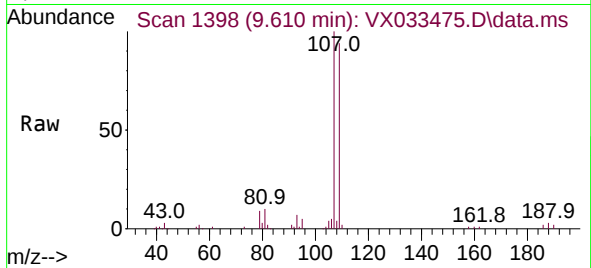
Tgt Ion:129 Resp: 32313
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 20.315 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

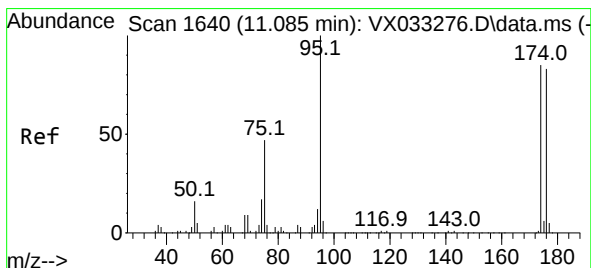
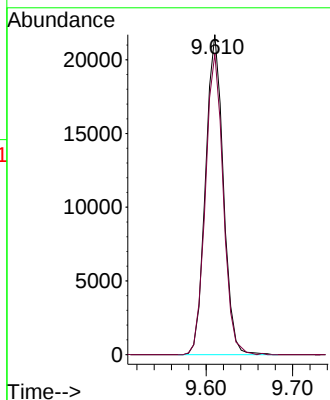
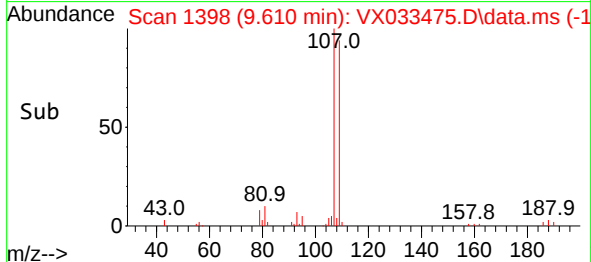
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



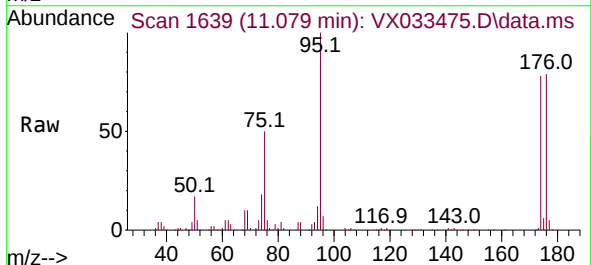
Tgt Ion:107 Resp: 30908
Ion Ratio Lower Upper
107 100
109 94.1 76.0 114.0

Manual Integrations
APPROVED

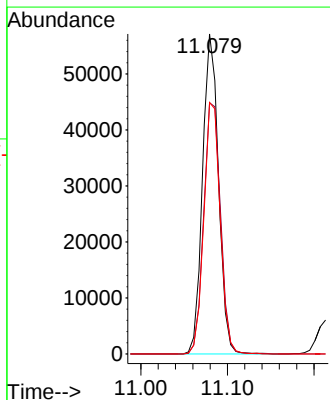
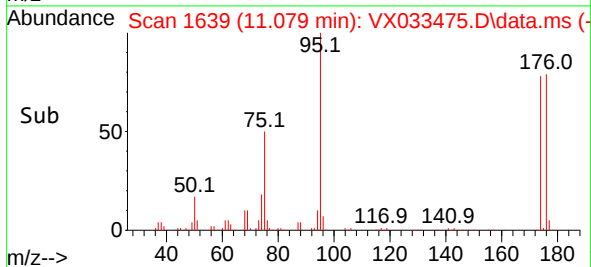
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

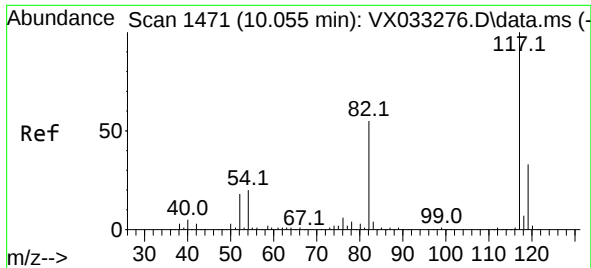


#62
4-Bromofluorobenzene
Concen: 49.243 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41



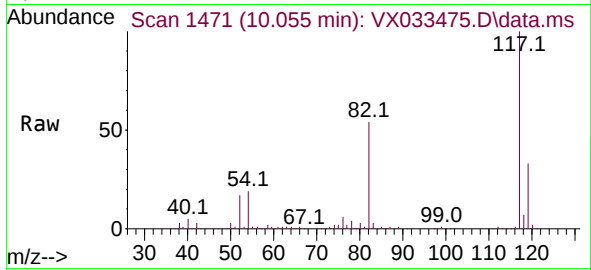
Tgt Ion: 95 Resp: 72923
Ion Ratio Lower Upper
95 100
174 83.0 0.0 164.0
176 80.7 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

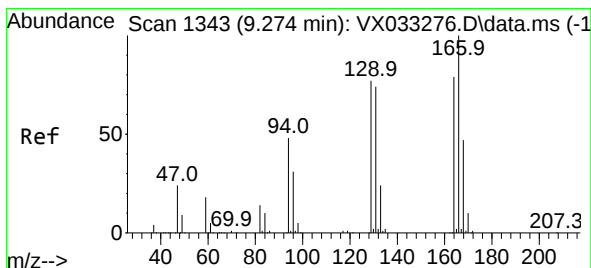
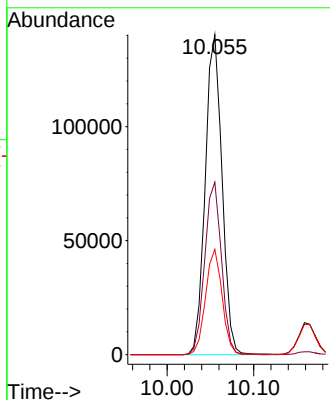
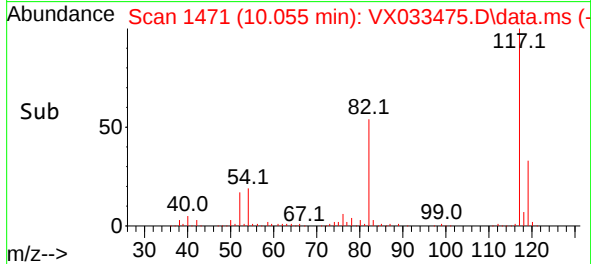
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



Tgt Ion:117 Resp: 189040
Ion Ratio Lower Upper
117 100
82 53.9 44.3 66.5
119 32.9 25.7 38.5

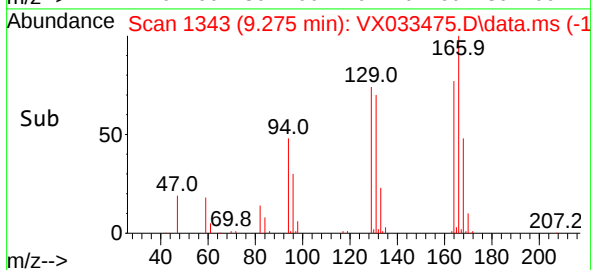
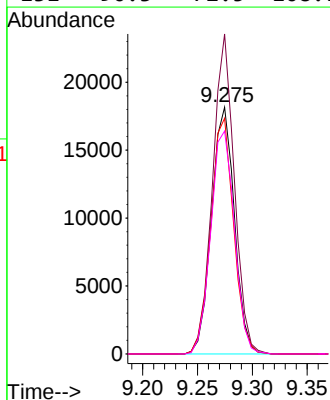
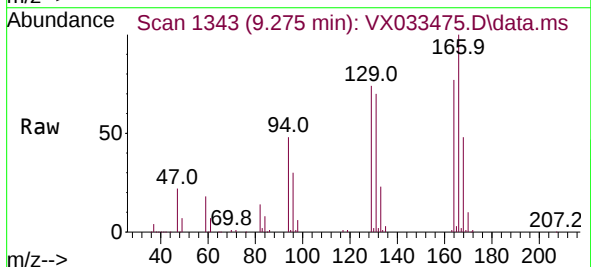
Manual Integrations
APPROVED

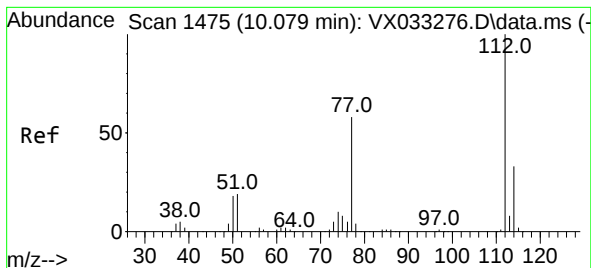
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#64
Tetrachloroethene
Concen: 20.399 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Tgt Ion:164 Resp: 26369
Ion Ratio Lower Upper
164 100
166 129.7 105.4 158.2
129 95.6 78.2 117.2
131 90.3 72.5 108.7





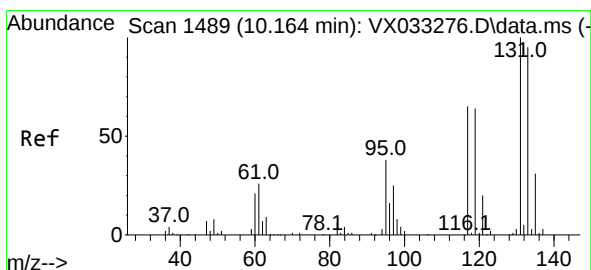
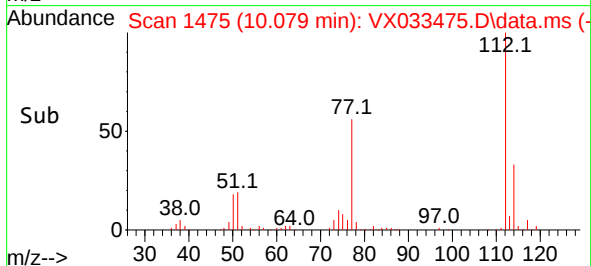
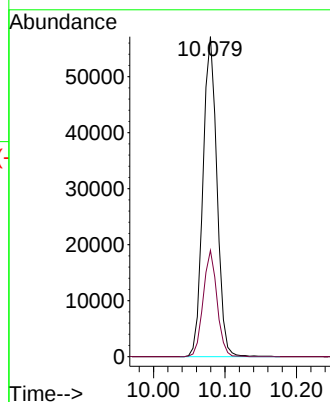
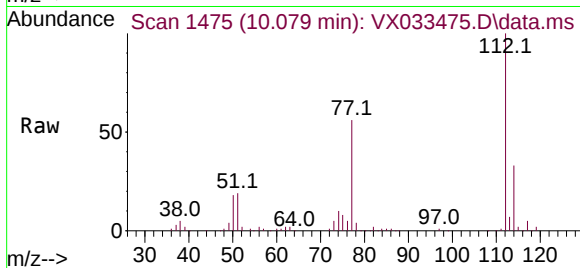
#65
Chlorobenzene
Concen: 20.303 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01

Tgt Ion:112 Resp: 77722
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.2

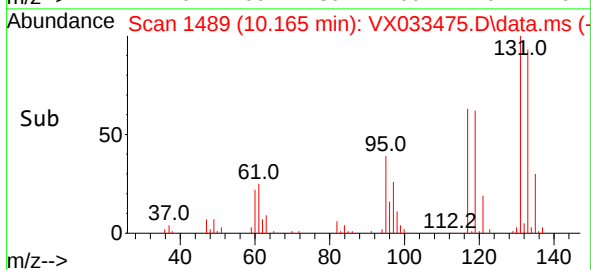
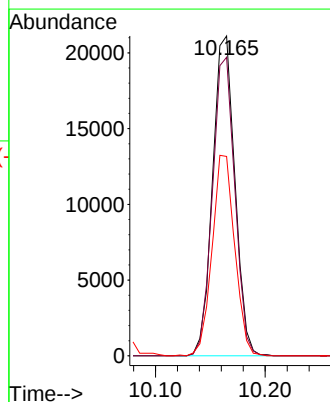
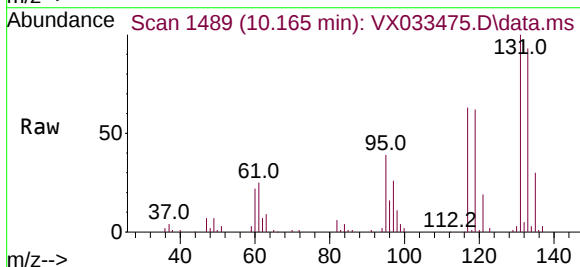
Manual Integrations
APPROVED

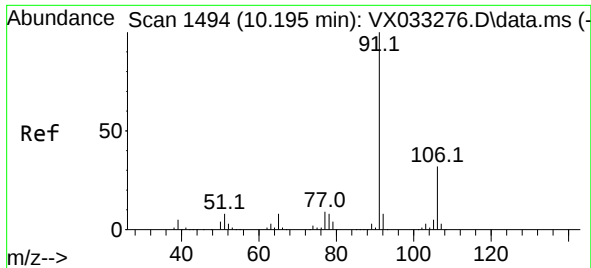
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.619 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

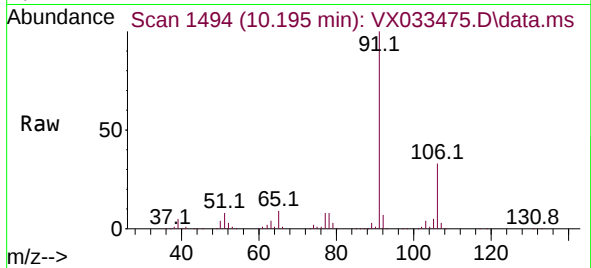
Tgt Ion:131 Resp: 29828
Ion Ratio Lower Upper
131 100
133 93.9 47.6 142.9
119 63.7 32.4 97.0





#67
Ethyl Benzene
Concen: 20.557 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

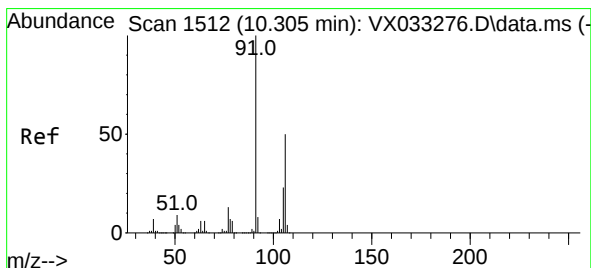
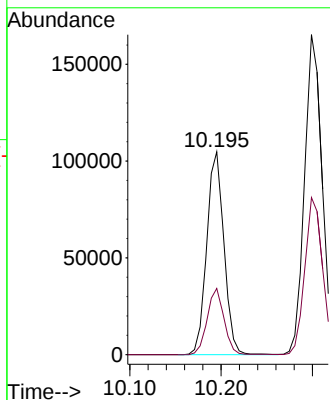
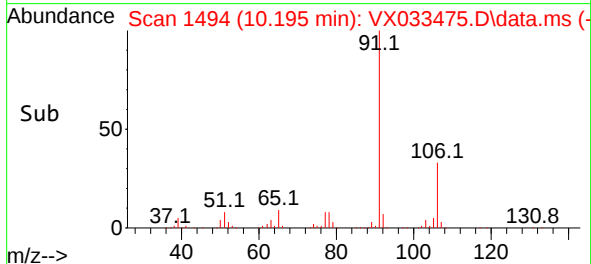
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



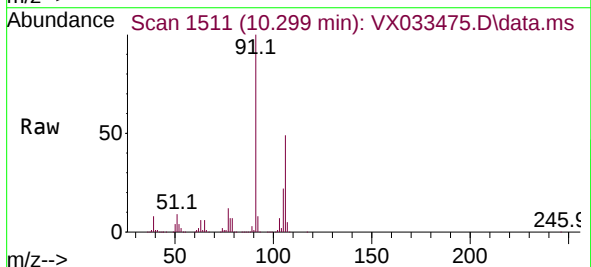
Tgt Ion: 91 Resp: 137094
Ion Ratio Lower Upper
91 100
106 32.6 25.0 37.6

Manual Integrations
APPROVED

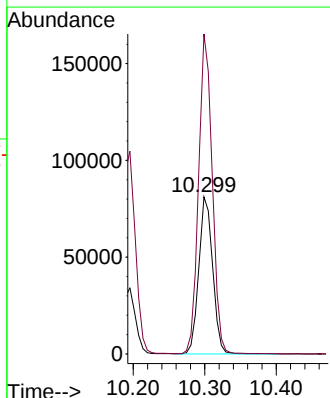
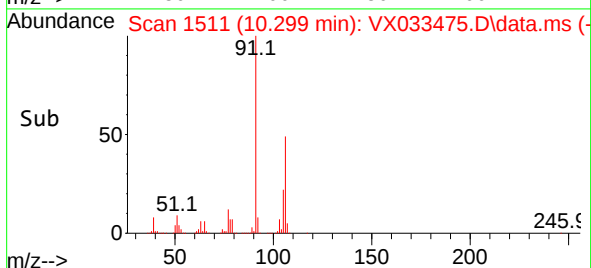
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

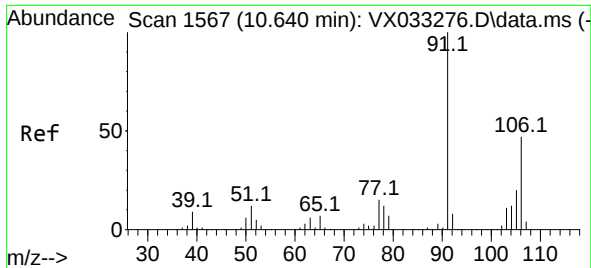


#68
m/p-Xylenes
Concen: 42.192 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41



Tgt Ion:106 Resp: 109478
Ion Ratio Lower Upper
106 100
91 200.7 164.5 246.7





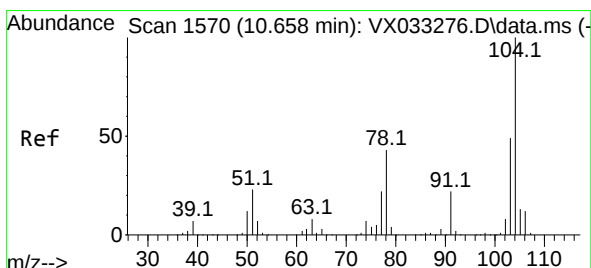
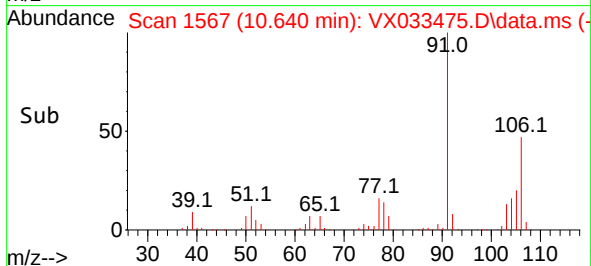
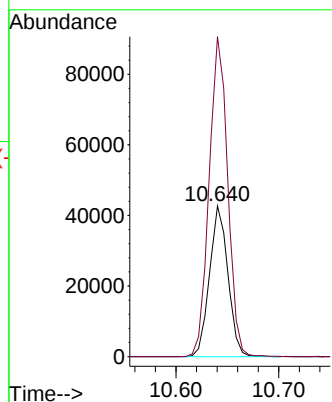
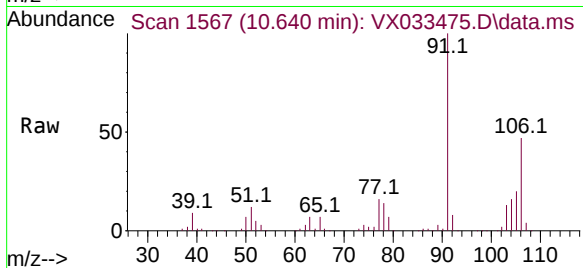
#69
o-Xylene
Concen: 20.677 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01

Tgt Ion:106 Resp: 53031
Ion Ratio Lower Upper
106 100
91 214.8 109.2 327.6

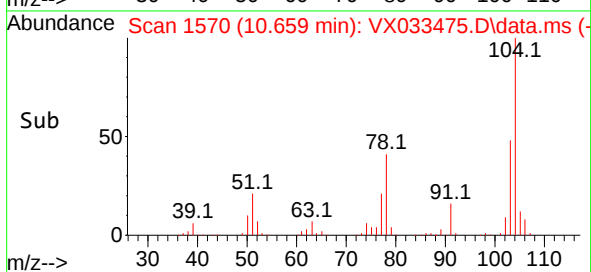
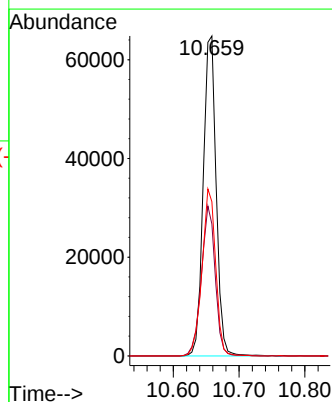
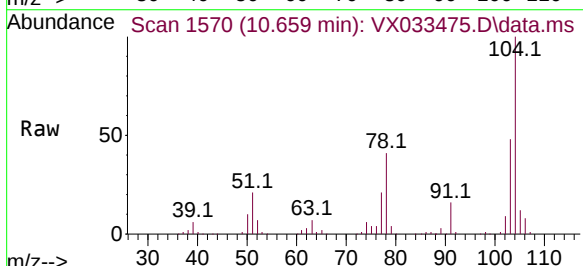
Manual Integrations
APPROVED

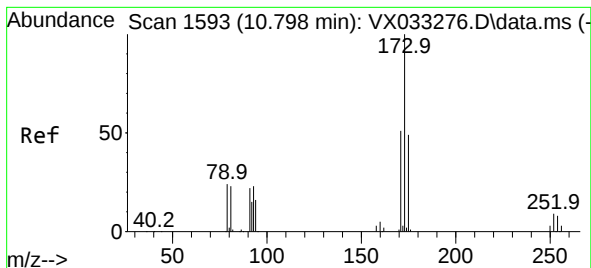
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#70
Styrene
Concen: 21.103 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Tgt Ion:104 Resp: 88643
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.8
103 55.0 44.5 66.7





#71

Bromoform

Concen: 21.042 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033475.D

Acq: 19 Dec 2022 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD01

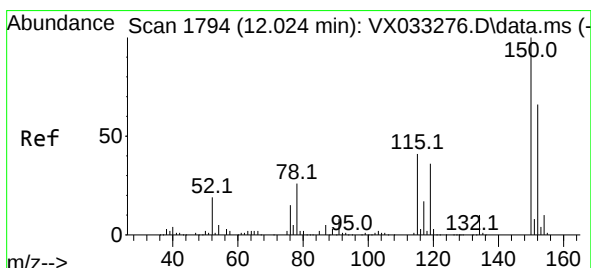
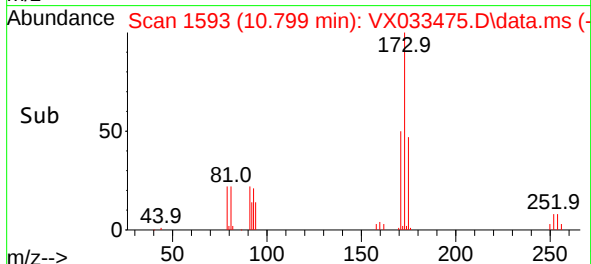
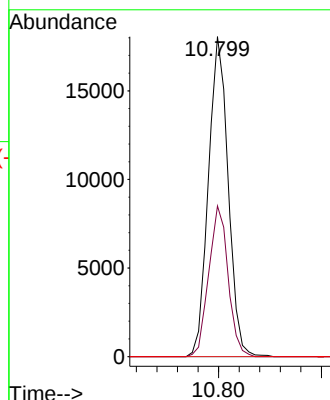
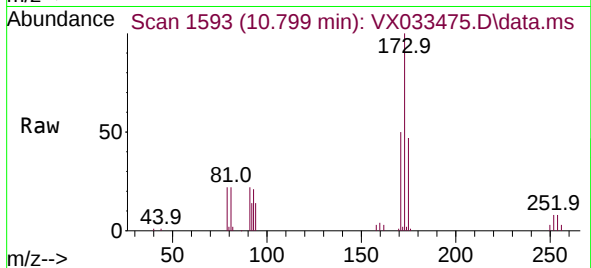
Tgt Ion:173 Resp: 24095
 Ion Ratio Lower Upper
 173 100
 175 46.1 23.9 71.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

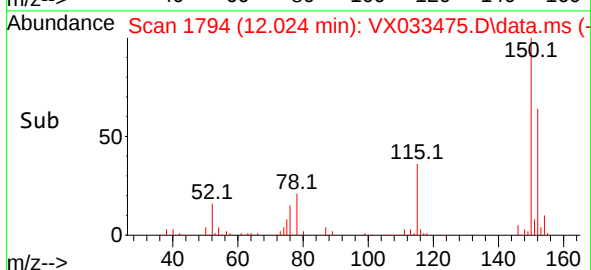
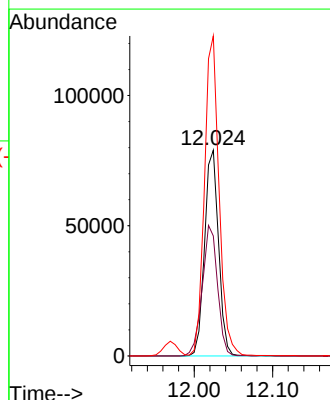
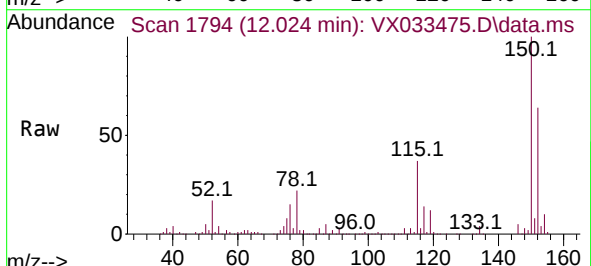
RT: 12.024 min Scan# 1794

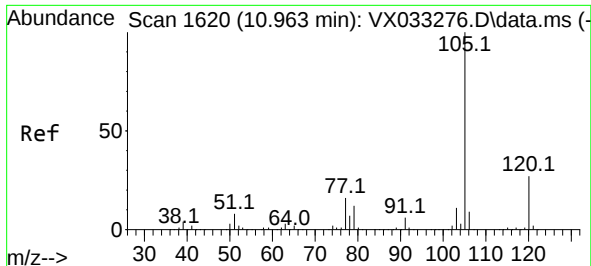
Delta R.T. 0.000 min

Lab File: VX033475.D

Acq: 19 Dec 2022 11:41

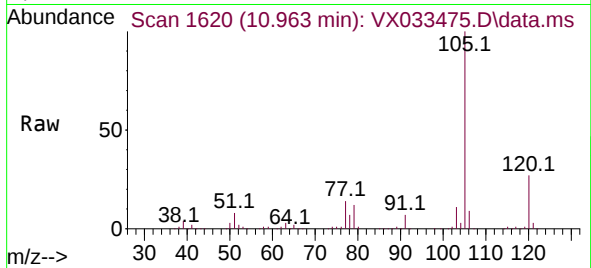
Tgt Ion:152 Resp: 98144
 Ion Ratio Lower Upper
 152 100
 115 68.9 44.0 132.0
 150 161.8 0.0 351.8





#73
Isopropylbenzene
Concen: 20.280 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

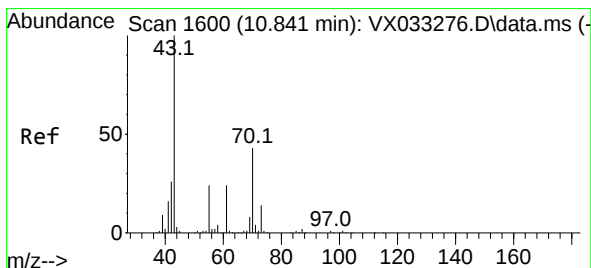
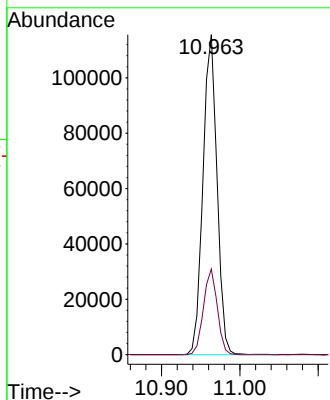
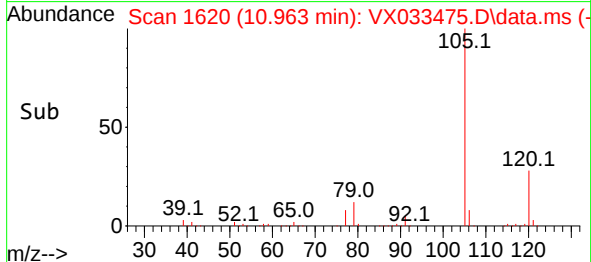
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



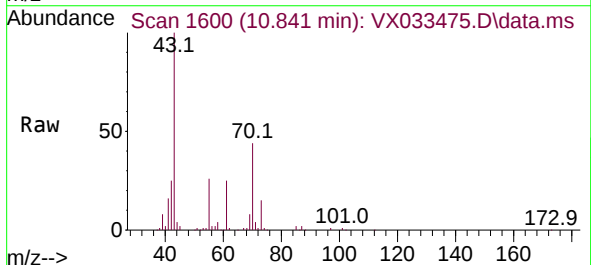
Tgt Ion:105 Resp: 144260
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

Manual Integrations
APPROVED

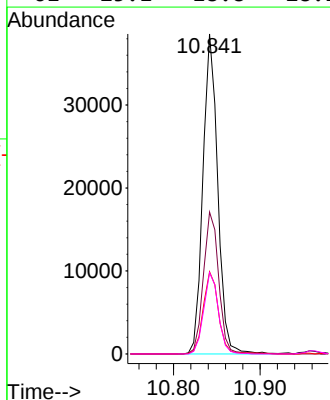
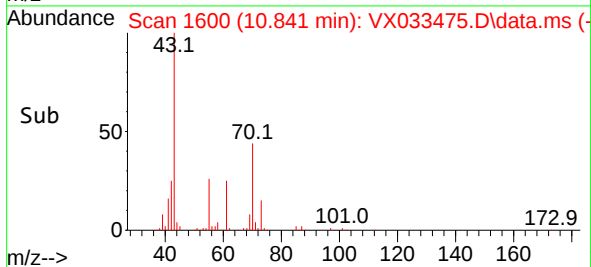
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

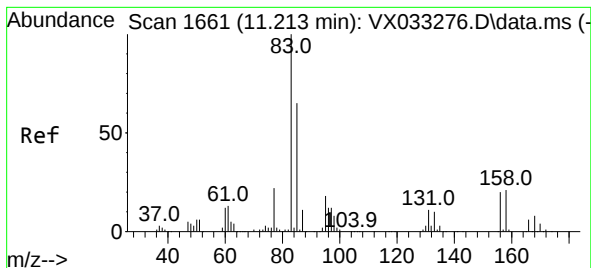


#74
N-ethyl acetate
Concen: 18.862 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41



Tgt Ion: 43 Resp: 45778
Ion Ratio Lower Upper
43 100
70 45.9 33.6 50.4
55 26.5 19.4 29.2
61 25.1 18.8 28.2





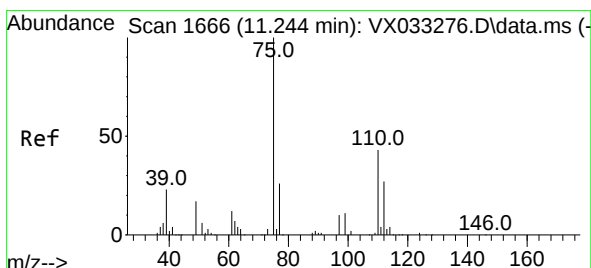
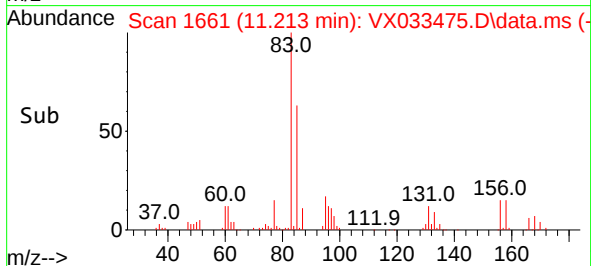
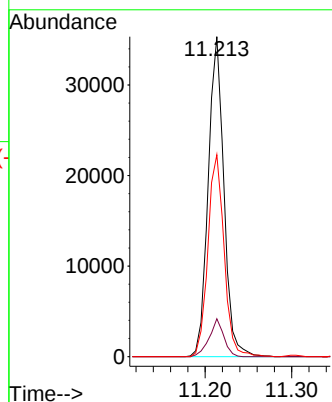
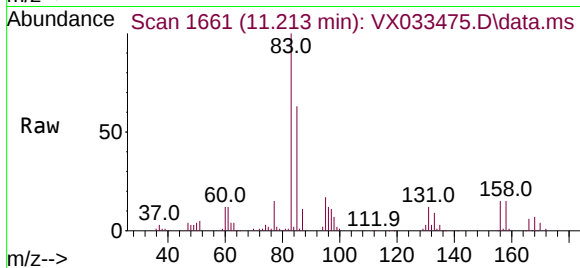
#75
1,1,2,2-Tetrachloroethane
Concen: 19.717 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01

Tgt Ion: 83 Resp: 44496
Ion Ratio Lower Upper
83 100
131 11.0 5.4 16.2
85 65.2 31.9 95.9

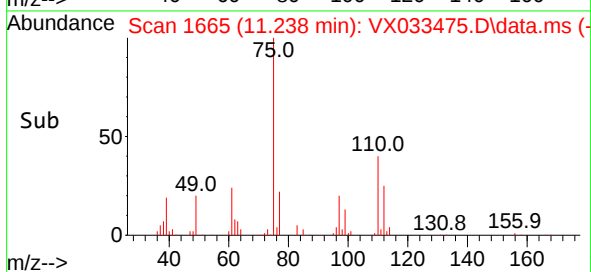
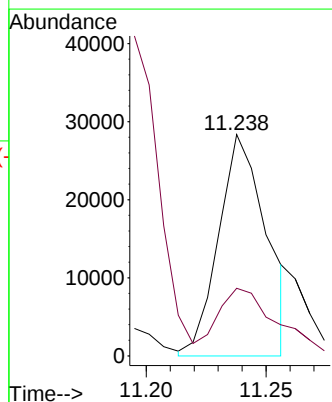
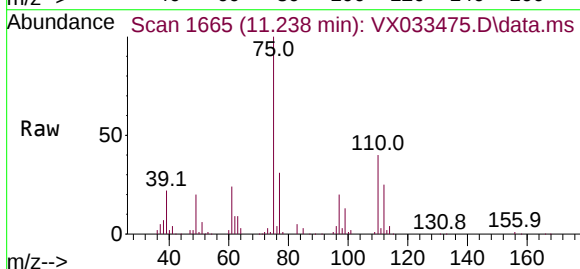
Manual Integrations
APPROVED

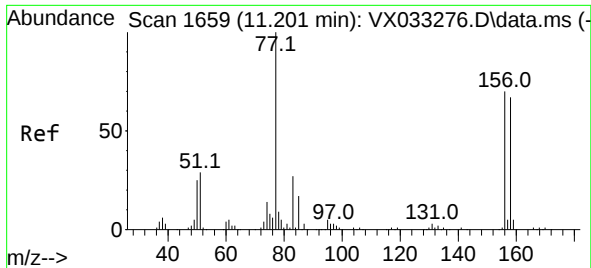
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#76
1,2,3-Trichloropropane
Concen: 19.590 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

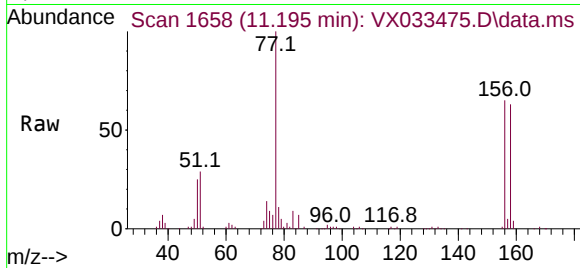
Tgt Ion: 75 Resp: 39117
Ion Ratio Lower Upper
75 100
77 38.4 20.0 60.0





#77
Bromobenzene
Concen: 19.757 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

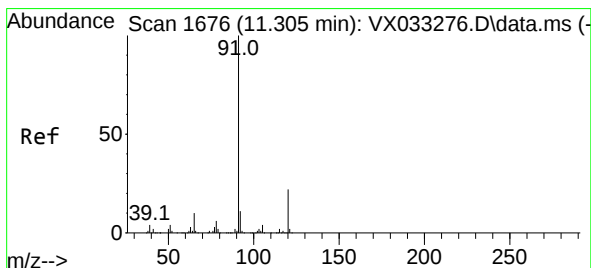
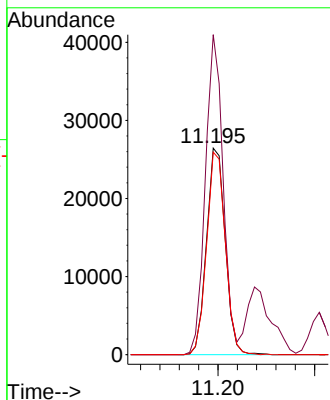
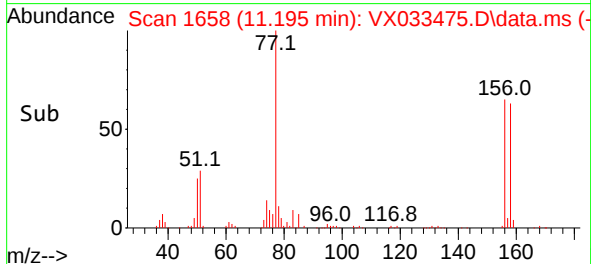
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



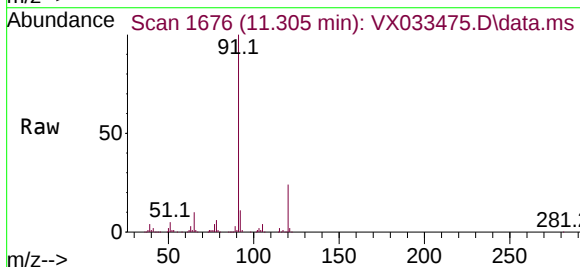
Tgt Ion:156 Resp: 35490
Ion Ratio Lower Upper
156 100
77 146.3 76.1 228.4
158 98.1 48.8 146.3

Manual Integrations
APPROVED

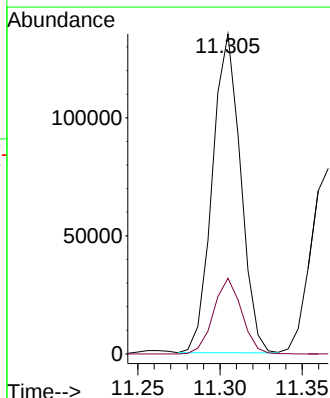
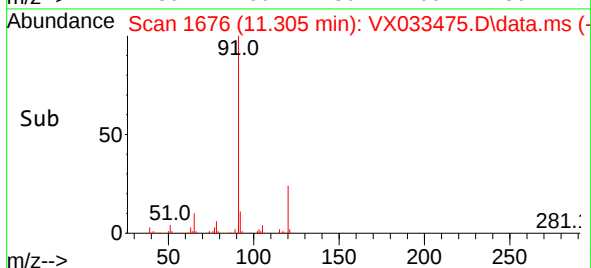
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

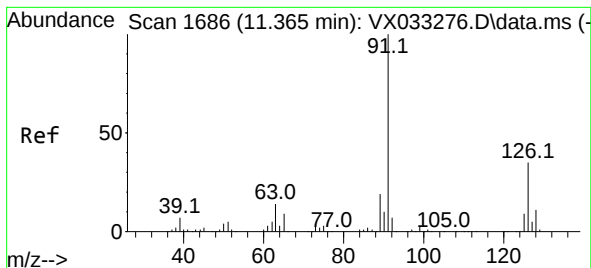


#78
n-propylbenzene
Concen: 20.308 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41



Tgt Ion: 91 Resp: 161305
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8





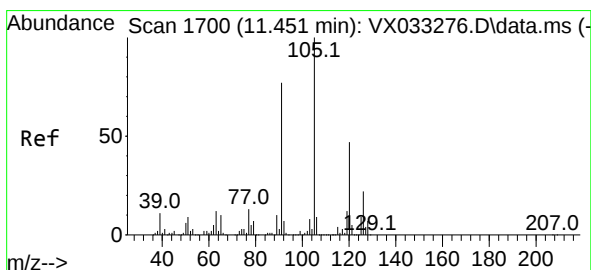
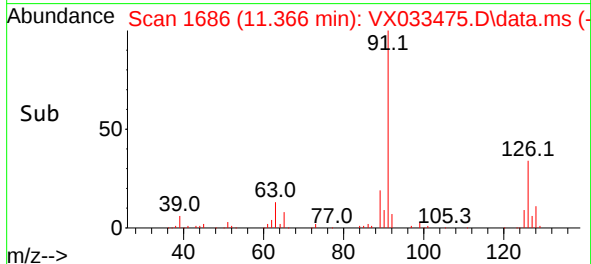
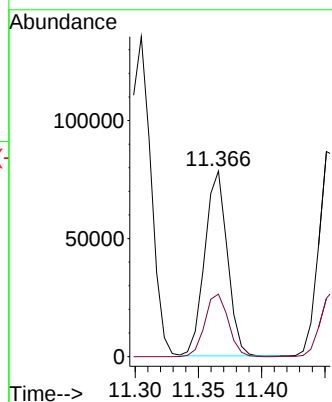
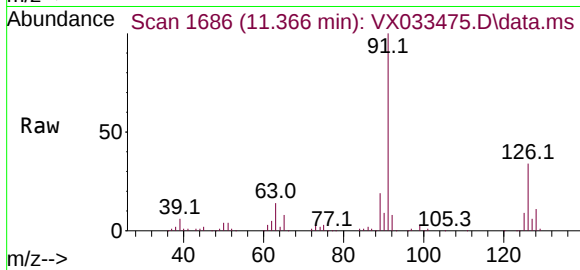
#79
2-Chlorotoluene
Concen: 19.866 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01

Tgt Ion: 91 Resp: 97518
Ion Ratio Lower Upper
91 100
126 34.9 17.1 51.2

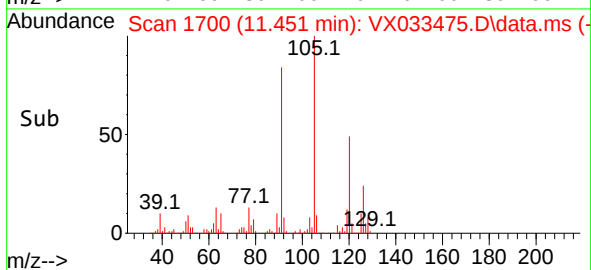
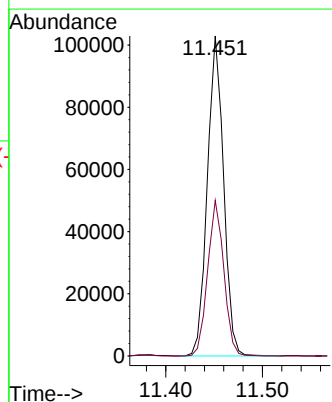
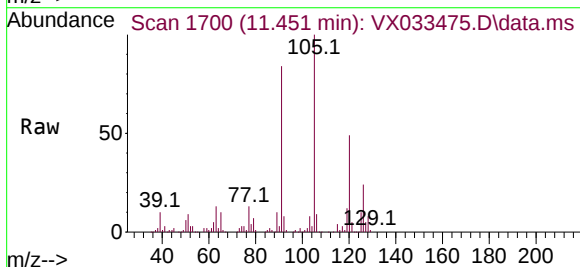
Manual Integrations
APPROVED

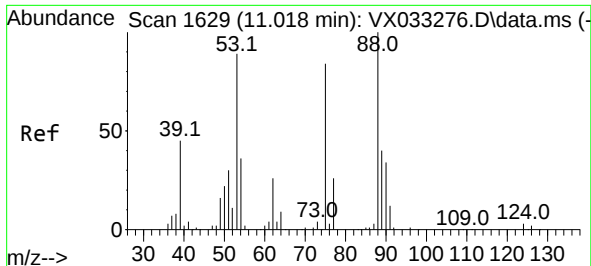
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.232 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

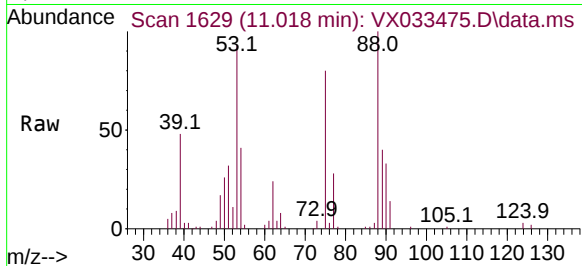
Tgt Ion:105 Resp: 119803
Ion Ratio Lower Upper
105 100
120 48.4 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.299 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

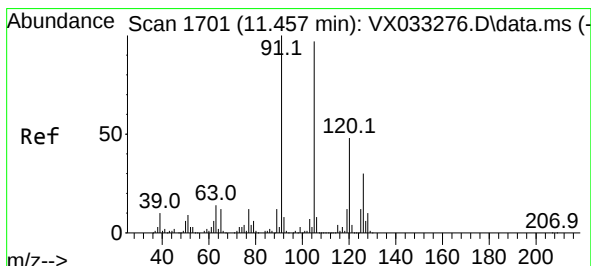
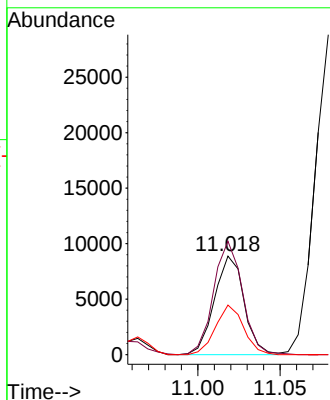
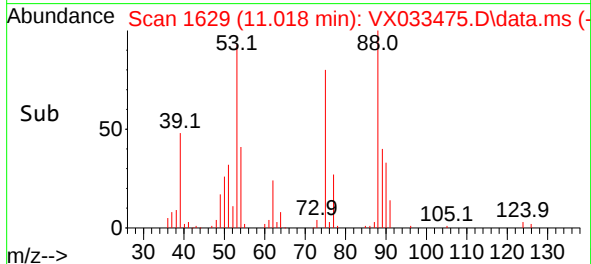
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



Tgt Ion: 75 Resp: 11104
Ion Ratio Lower Upper
75 100
53 112.4 86.9 130.3
89 47.6 38.3 57.5

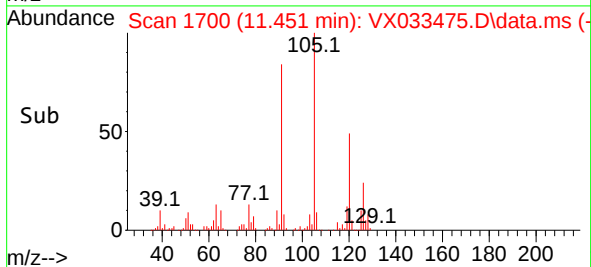
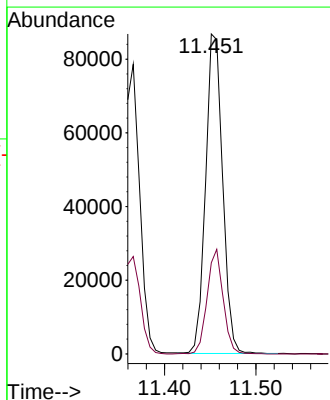
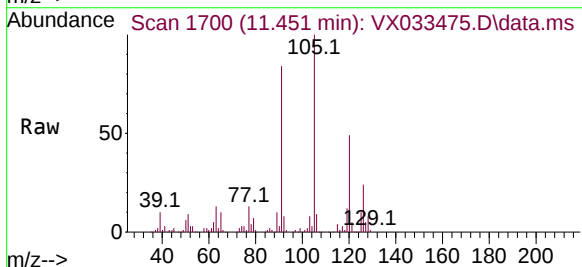
Manual Integrations
APPROVED

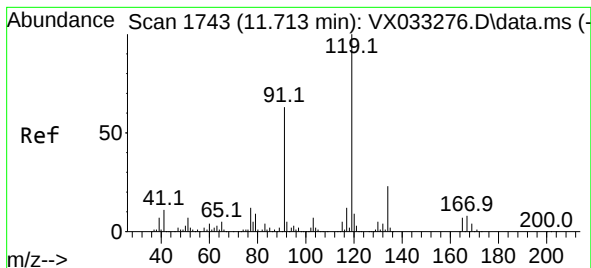
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#82
4-Chlorotoluene
Concen: 19.735 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

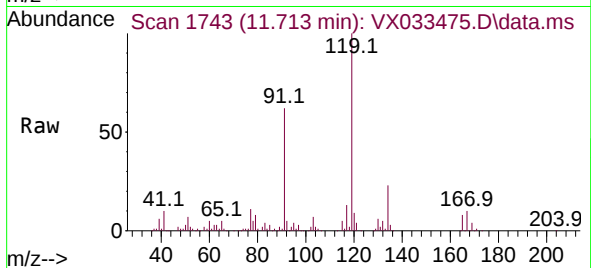
Tgt Ion: 91 Resp: 112644
Ion Ratio Lower Upper
91 100
126 30.7 14.8 44.4





#83
tert-Butylbenzene
Concen: 20.326 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

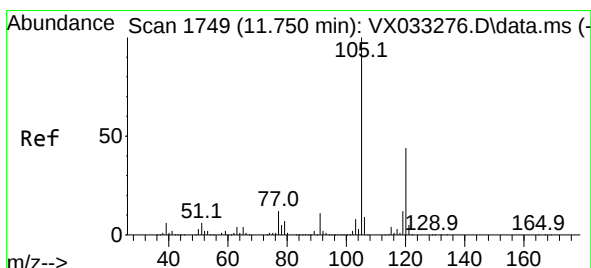
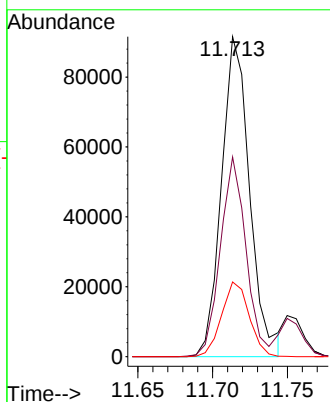
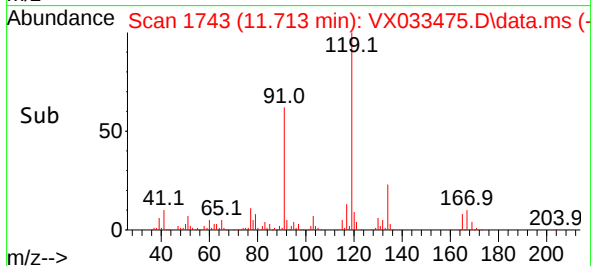
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



Tgt Ion:119 Resp: 120020
Ion Ratio Lower Upper
119 100
91 56.9 29.4 88.2
134 23.0 11.0 33.0

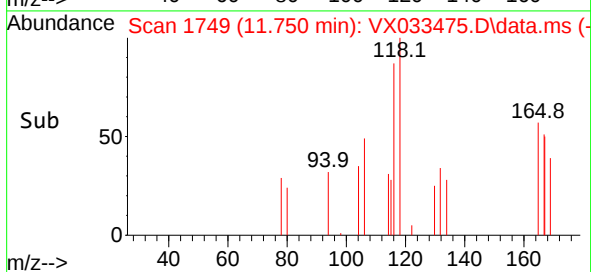
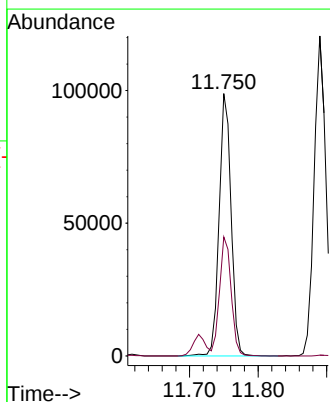
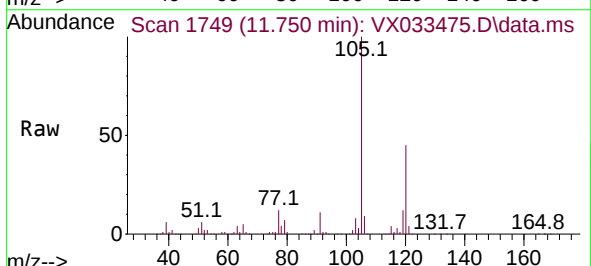
Manual Integrations
APPROVED

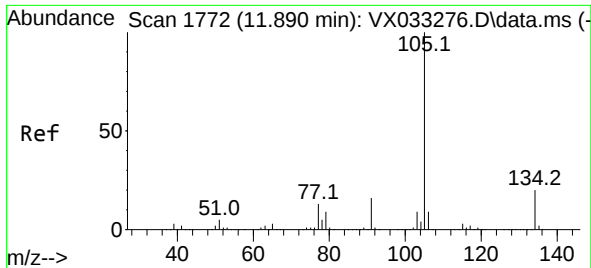
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.267 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

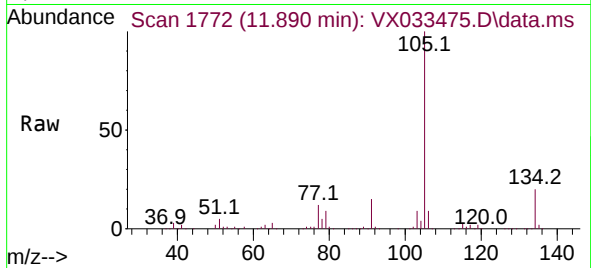
Tgt Ion:105 Resp: 119795
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 20.796 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033475.D
 Acq: 19 Dec 2022 11:41

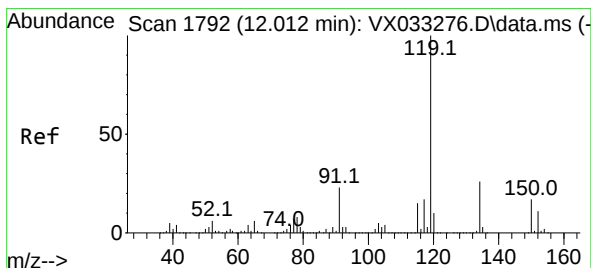
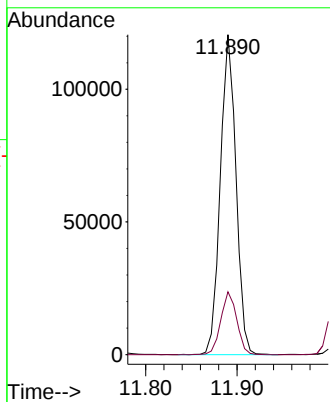
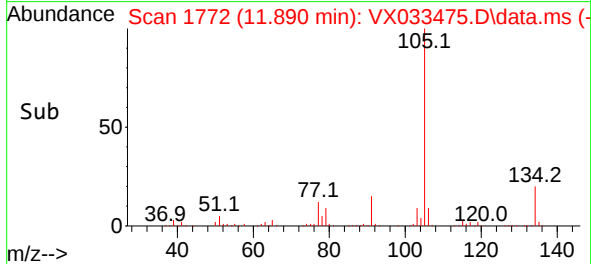
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD01



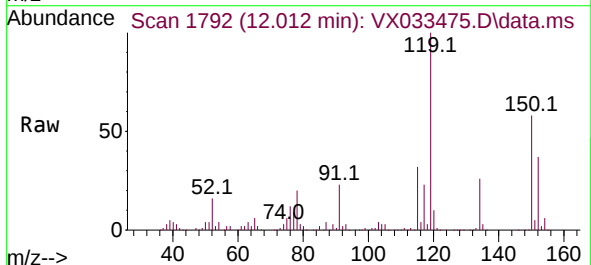
Tgt Ion:105 Resp: 143269
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

Manual Integrations
 APPROVED

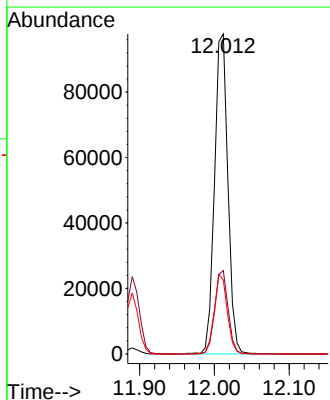
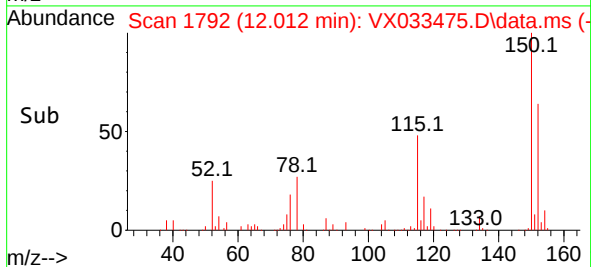
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

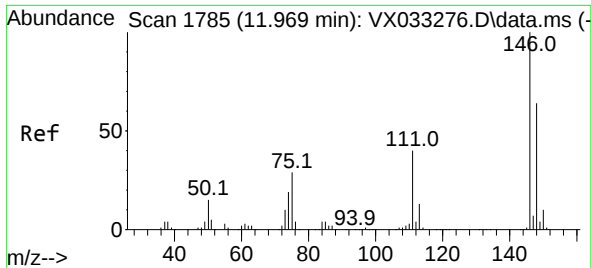


#86
 p-Isopropyltoluene
 Concen: 20.504 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033475.D
 Acq: 19 Dec 2022 11:41



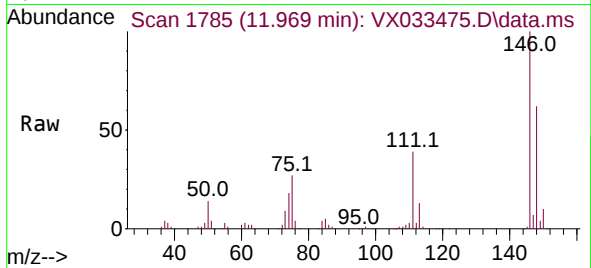
Tgt Ion:119 Resp: 121788
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 24.3 12.5 37.5





#87
 1,3-Dichlorobenzene
 Concen: 20.375 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX033475.D
 Acq: 19 Dec 2022 11:41

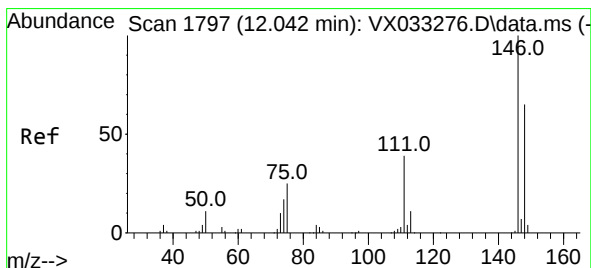
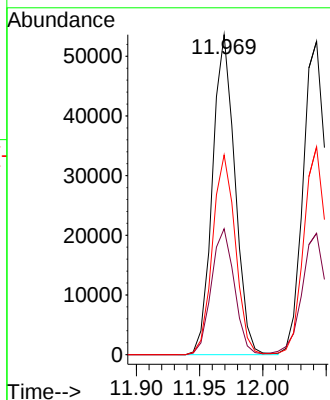
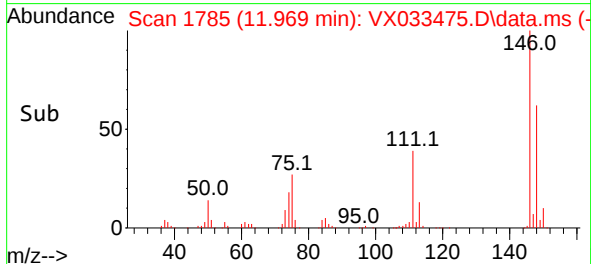
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD01



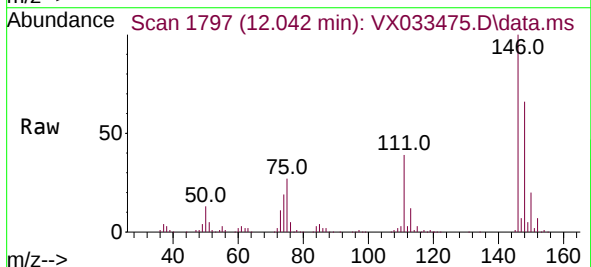
Tgt Ion:146 Resp: 66299
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.6 61.8
 148 63.3 31.7 95.1

Manual Integrations
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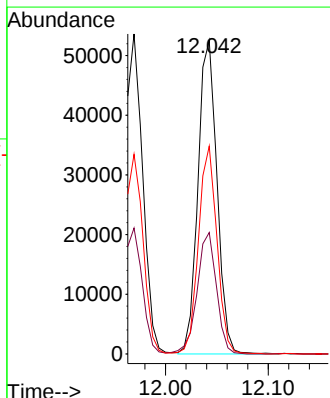
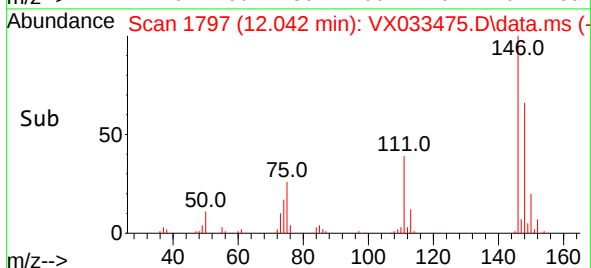
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

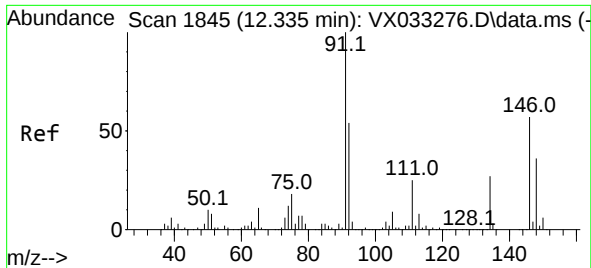


#88
 1,4-Dichlorobenzene
 Concen: 20.273 ug/l
 RT: 12.042 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX033475.D
 Acq: 19 Dec 2022 11:41



Tgt Ion:146 Resp: 67382
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.5 61.6
 148 64.5 32.2 96.6





#89

n-Butylbenzene

Concen: 20.349 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033475.D

Acq: 19 Dec 2022 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD01

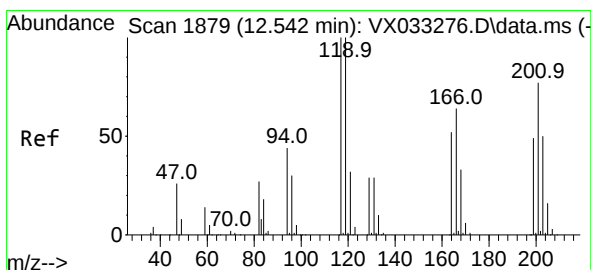
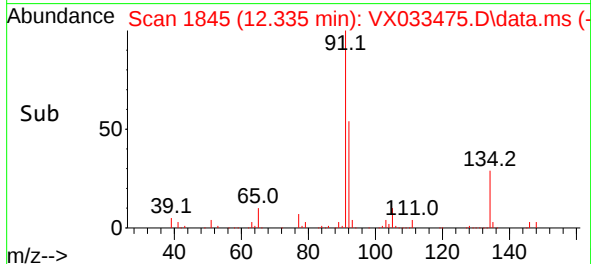
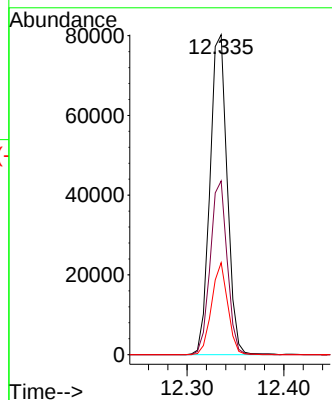
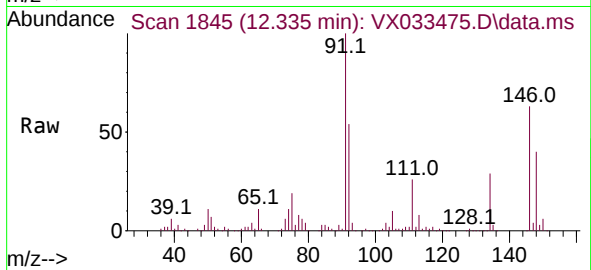
Tgt Ion: 91	Resp: 9899
Ion Ratio	Lower Upper
91	100
92	53.5 26.2 78.6
134	27.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#90

Hexachloroethane

Concen: 18.939 ug/l

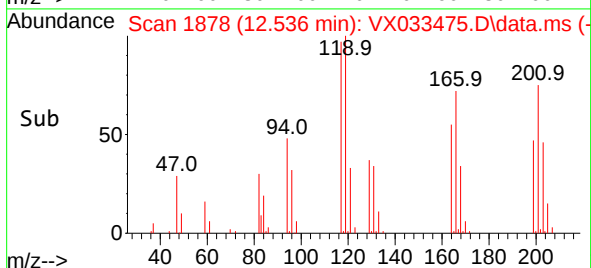
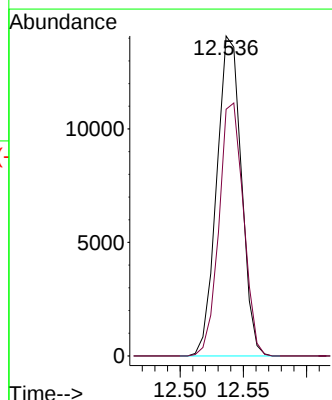
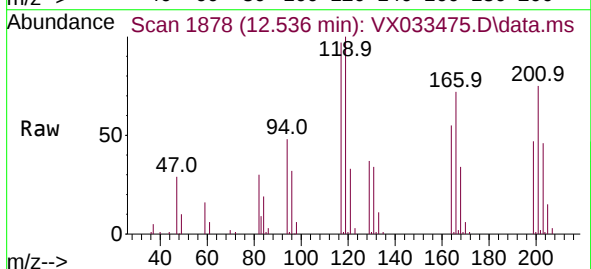
RT: 12.536 min Scan# 1878

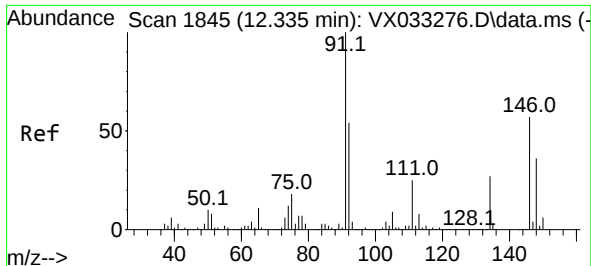
Delta R.T. -0.006 min

Lab File: VX033475.D

Acq: 19 Dec 2022 11:41

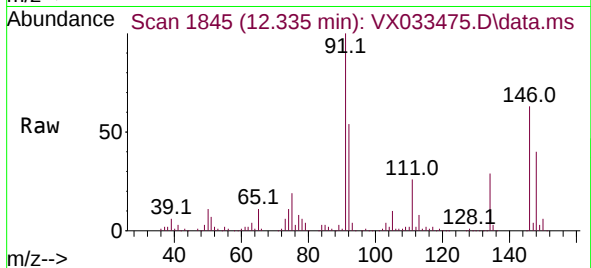
Tgt Ion: 117	Resp: 19121
Ion Ratio	Lower Upper
117	100
201	78.3 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 19.739 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

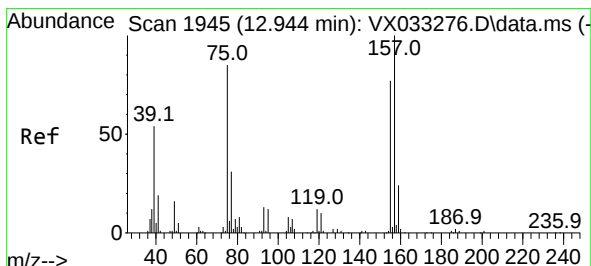
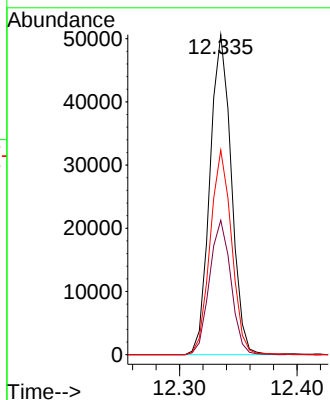
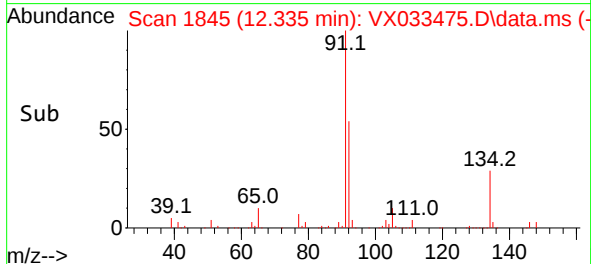
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



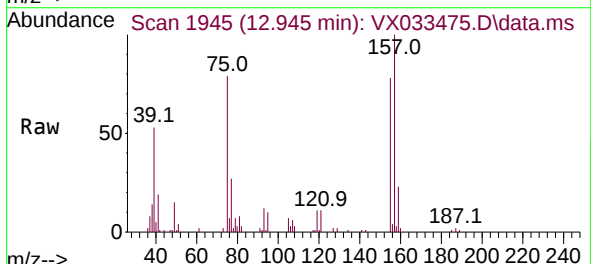
Tgt Ion:146 Resp: 64216
Ion Ratio Lower Upper
146 100
111 42.0 21.5 64.5
148 64.0 32.0 96.2

Manual Integrations
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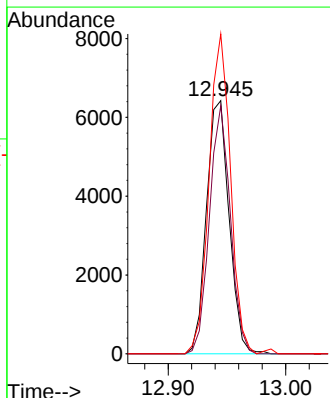
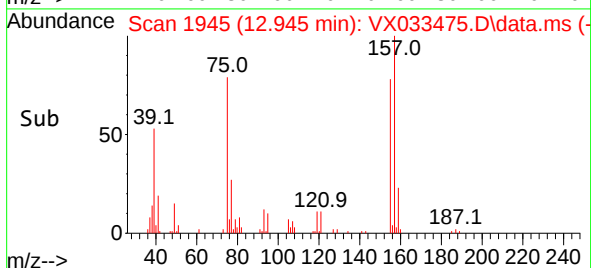
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

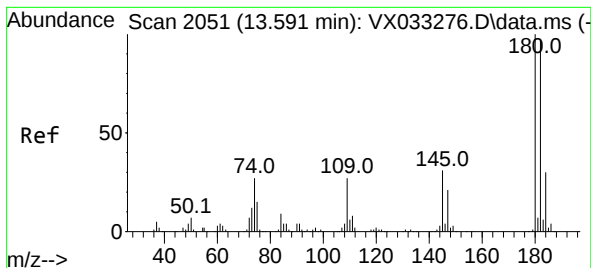


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.663 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41



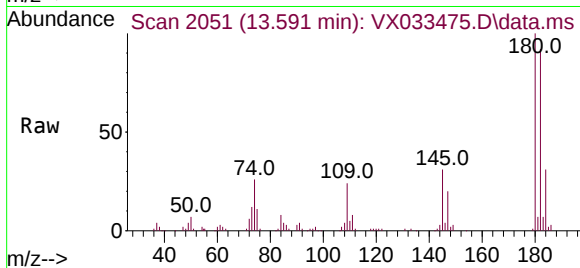
Tgt Ion: 75 Resp: 8610
Ion Ratio Lower Upper
75 100
155 90.6 41.6 124.8
157 119.5 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 19.971 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

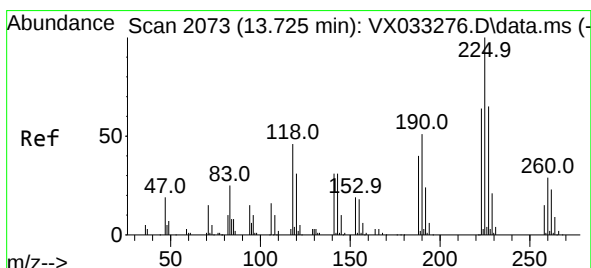
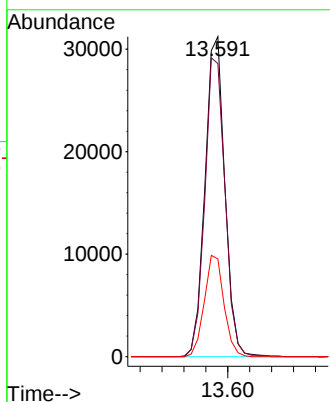
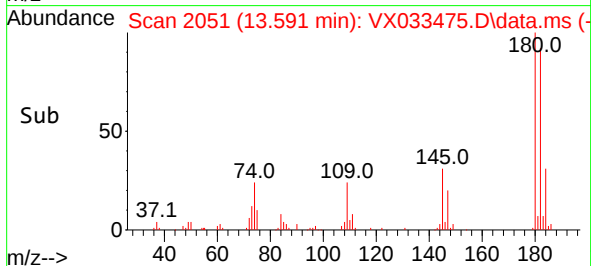
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



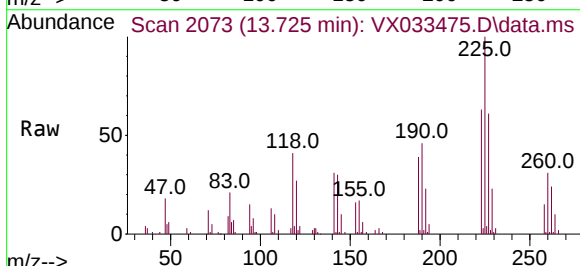
Tgt Ion:180 Resp: 39238
Ion Ratio Lower Upper
180 100
182 95.2 48.4 145.0
145 31.3 16.2 48.5

Manual Integrations
APPROVED

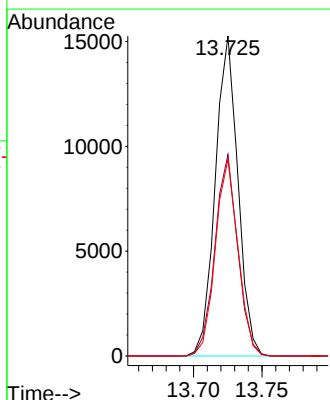
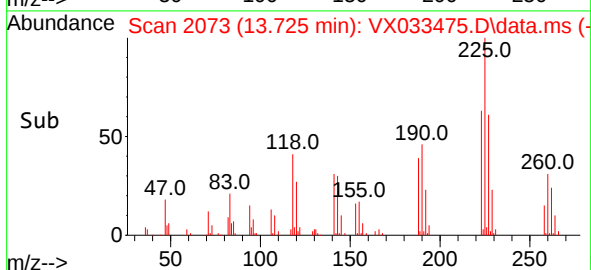
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

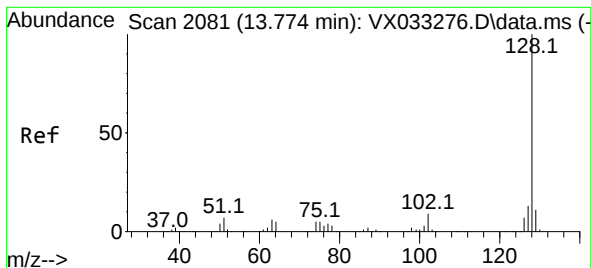


#94
Hexachlorobutadiene
Concen: 22.341 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41



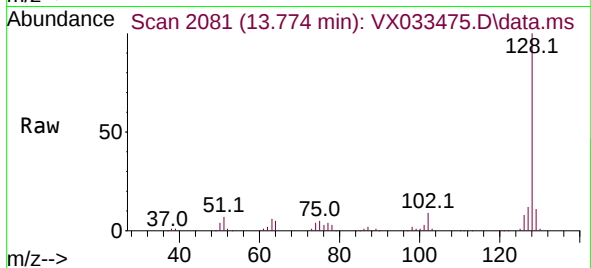
Tgt Ion:225 Resp: 17577
Ion Ratio Lower Upper
225 100
223 63.1 31.9 95.9
227 61.3 31.9 95.5





#95
Naphthalene
Concen: 19.896 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41

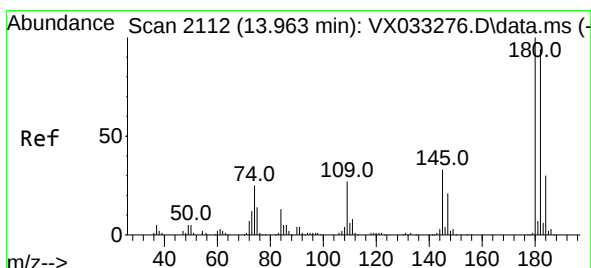
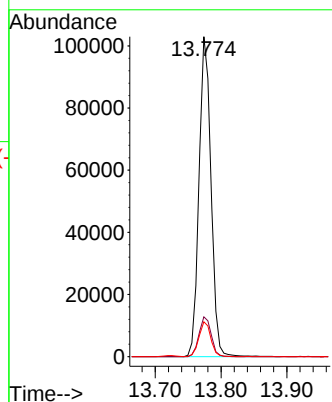
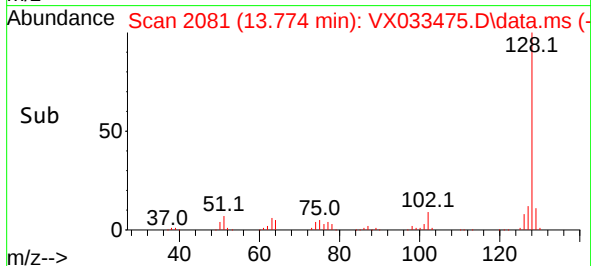
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD01



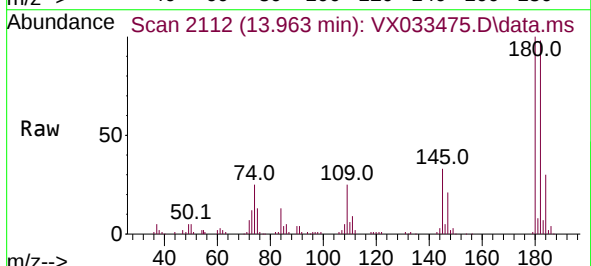
Tgt Ion:128 Resp: 130394
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.626 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033475.D
Acq: 19 Dec 2022 11:41



Tgt Ion:180 Resp: 39053
Ion Ratio Lower Upper
180 100
182 97.9 47.5 142.6
145 34.0 16.9 50.6

