

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121422\
 Data File : VX033413.D
 Acq On : 14 Dec 2022 11:28
 Operator : JC/MD
 Sample : VX1214WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 14 22:47:24 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	139901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220145	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40758	45.412	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.820%		
35) Dibromofluoromethane	5.391	113	46724	47.188	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.380%		
50) Toluene-d8	8.647	98	103063	49.756	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.520%		
62) 4-Bromofluorobenzene	11.079	95	82387	52.018	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18172	18.595	ug/l	95
3) Chloromethane	1.294	50	19357	17.131	ug/l	96
4) Vinyl Chloride	1.374	62	22190	17.199	ug/l	93
5) Bromomethane	1.617	94	17016	17.972	ug/l	97
6) Chloroethane	1.691	64	17514	17.897	ug/l	99
7) Trichlorofluoromethane	1.892	101	32023	13.221	ug/l	98
8) Diethyl Ether	2.136	74	11616	13.277	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	18322	14.260	ug/l	98
10) Methyl Iodide	2.453	142	21450	15.243	ug/l	99
11) Tert butyl alcohol	2.995	59	25966	94.629	ug/l #	83
12) 1,1-Dichloroethene	2.325	96	16866	13.298	ug/l	92
13) Acrolein	2.239	56	18135	60.937	ug/l	99
14) Allyl chloride	2.666	41	35925	17.737	ug/l	97
15) Acrylonitrile	3.068	53	61224	90.072	ug/l	97
16) Acetone	2.392	43	66289	99.812	ug/l	100
17) Carbon Disulfide	2.514	76	54952	16.881	ug/l	99
18) Methyl Acetate	2.703	43	35660	18.548	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	80720	18.373	ug/l	100
20) Methylene Chloride	2.794	84	26123	17.637	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	25794	18.591	ug/l	99
22) Diisopropyl ether	3.757	45	80424	18.533	ug/l #	86
23) Vinyl Acetate	3.721	43	300854	89.321	ug/l	99
24) 1,1-Dichloroethane	3.611	63	45887	17.997	ug/l	99
25) 2-Butanone	4.562	43	88618	92.958	ug/l	100
26) 2,2-Dichloropropane	4.477	77	36065	19.234	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	30759	18.551	ug/l	97
28) Bromochloromethane	4.903	49	19618	18.380	ug/l	91
29) Tetrahydrofuran	5.013	42	53412	86.476	ug/l	96
30) Chloroform	5.092	83	52523	18.555	ug/l	100
31) Cyclohexane	5.476	56	40648	19.057	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	46575	19.124	ug/l	99
36) 1,1-Dichloropropene	5.690	75	37063	19.199	ug/l	99
37) Ethyl Acetate	4.721	43	32853	18.003	ug/l	99
38) Carbon Tetrachloride	5.678	117	42083	19.456	ug/l	94
39) Methylcyclohexane	7.379	83	43197	19.991	ug/l	99
40) Benzene	6.043	78	107956	19.179	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18080	17.980	ug/l	98
42) 1,2-Dichloroethane	6.086	62	42484	19.007	ug/l	98
43) Isopropyl Acetate	6.342	43	53324	18.161	ug/l	99
44) Trichloroethene	7.129	130	30946	19.941	ug/l	98
45) 1,2-Dichloropropane	7.427	63	27864	19.357	ug/l	97
46) Dibromomethane	7.580	93	21275	19.401	ug/l	97
47) Bromodichloromethane	7.824	83	41400	19.368	ug/l	99
48) Methyl methacrylate	7.696	41	27681	18.267	ug/l	93
49) 1,4-Dioxane	7.708	88	13497	390.586	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	178565	96.167	ug/l	98
52) Toluene	8.720	92	72017	19.789	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	39496	18.843	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	44297	19.474	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	29872	19.527	ug/l	97
56) Ethyl methacrylate	9.116	69	41822	19.417	ug/l	93
57) 1,3-Dichloropropane	9.311	76	47894	19.489	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	88445	89.743	ug/l	97
59) 2-Hexanone	9.427	43	135311	98.886	ug/l	97
60) Dibromochloromethane	9.518	129	33005	19.582	ug/l	99
61) 1,2-Dibromoethane	9.610	107	31819	19.554	ug/l	100
64) Tetrachloroethene	9.275	164	26824	19.196	ug/l	97
65) Chlorobenzene	10.079	112	80697	19.501	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30178	19.297	ug/l	98
67) Ethyl Benzene	10.195	91	143748	19.939	ug/l	99
68) m/p-Xylenes	10.299	106	112882	40.244	ug/l	97
69) o-Xylene	10.640	106	54540	19.672	ug/l	98
70) Styrene	10.652	104	90863	20.011	ug/l	98
71) Bromoform	10.799	173	23231	18.767	ug/l #	99
73) Isopropylbenzene	10.963	105	145631	19.670	ug/l	100
74) N-amyl acetate	10.841	43	46273	18.319	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	43975	18.723	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	39094m	18.812	ug/l	
77) Bromobenzene	11.201	156	35654	19.071	ug/l	98
78) n-propylbenzene	11.305	91	163428	19.769	ug/l	99
79) 2-Chlorotoluene	11.366	91	100042	19.582	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	123450	20.031	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10952	16.393	ug/l	97
82) 4-Chlorotoluene	11.457	91	115899	19.509	ug/l	98
83) tert-Butylbenzene	11.713	119	118866	19.342	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	121913	19.818	ug/l	100
85) sec-Butylbenzene	11.890	105	144316	20.127	ug/l	98
86) p-Isopropyltoluene	12.012	119	123344	19.953	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	66243	19.560	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	67043	19.381	ug/l	99
89) n-Butylbenzene	12.335	91	101519	20.051	ug/l	99
90) Hexachloroethane	12.542	117	19193	18.265	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	64682	19.104	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8478	16.711	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	38808	18.978	ug/l	97
94) Hexachlorobutadiene	13.725	225	16286	19.889	ug/l	100
95) Naphthalene	13.774	128	126140	18.493	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	38776	18.723	ug/l	98

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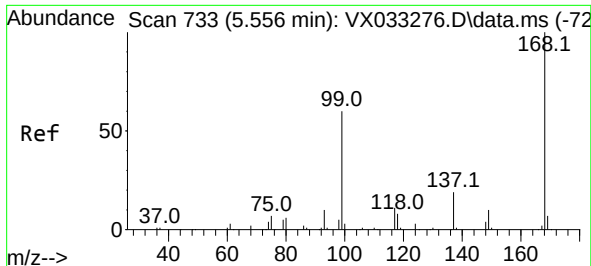
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Response via : Initial Calibration

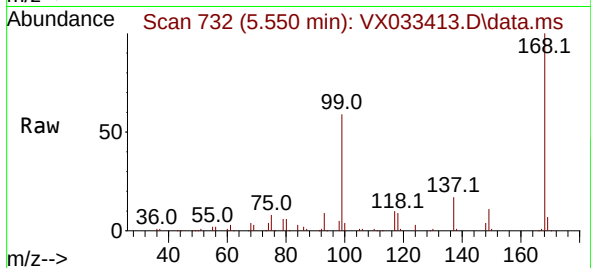
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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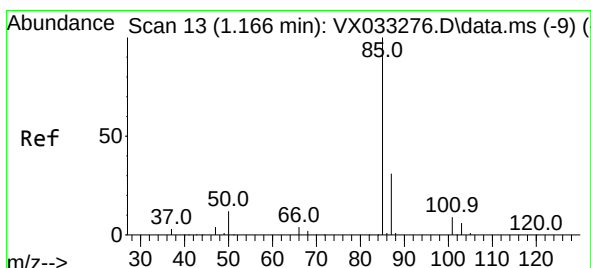
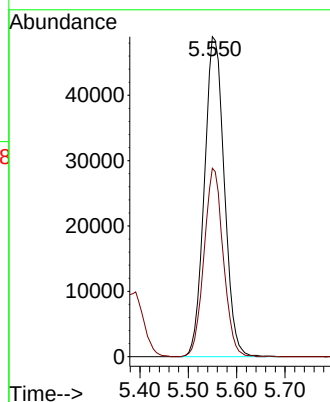
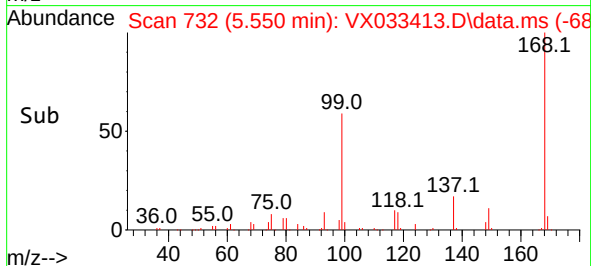
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 13990
Ion Ratio Lower Upper
168 100
99 58.9 46.1 69.1

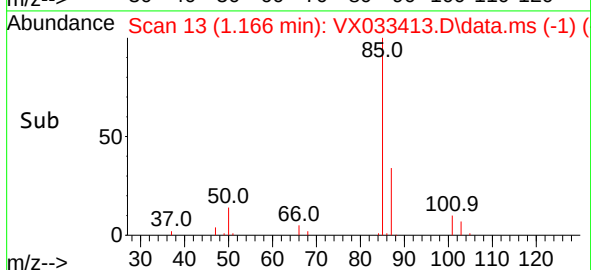
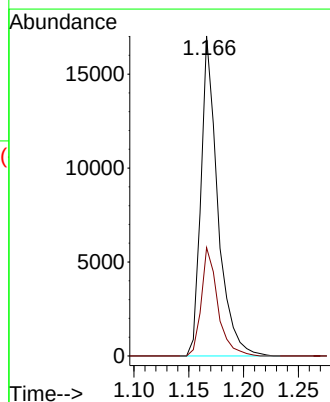
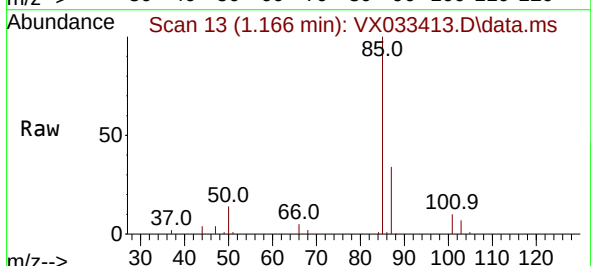
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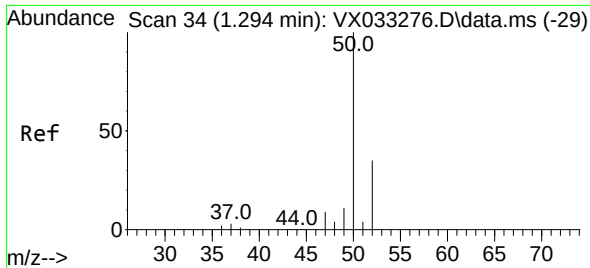
Reviewed By :John Carlone 12/15/2022
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#2
Dichlorodifluoromethane
Concen: 18.595 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Tgt Ion: 85 Resp: 18172
Ion Ratio Lower Upper
85 100
87 33.8 15.6 46.7





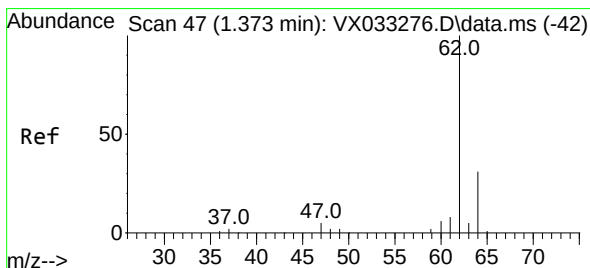
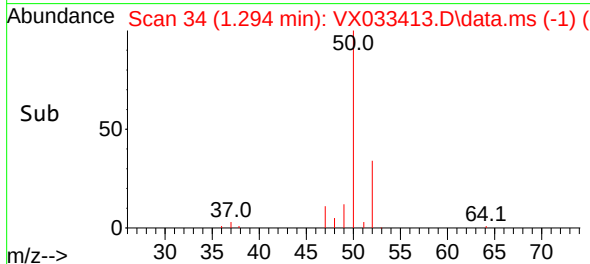
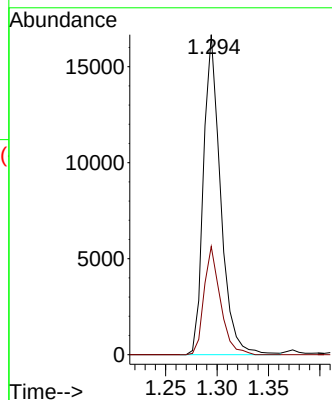
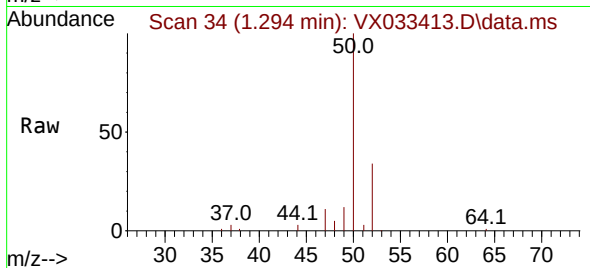
#3
Chloromethane
Concen: 17.131 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

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Tgt Ion: 50 Resp: 1935
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.2

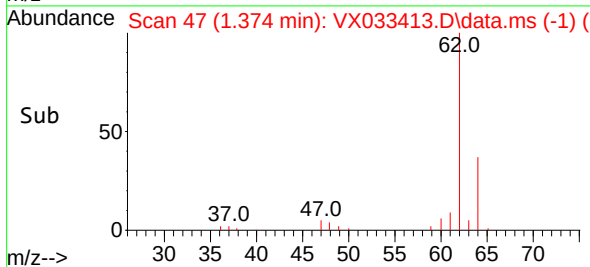
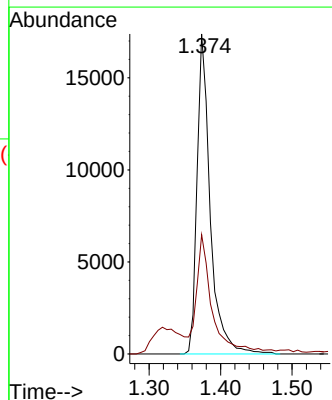
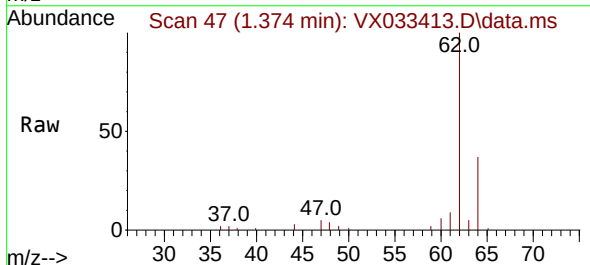
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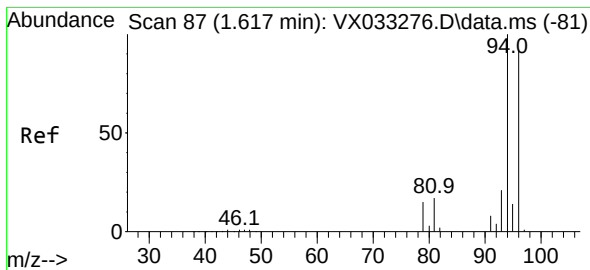
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#4
Vinyl Chloride
Concen: 17.199 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Tgt Ion: 62 Resp: 22190
Ion Ratio Lower Upper
62 100
64 36.1 25.8 38.6





#5

Bromomethane

Concen: 17.972 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 94 Resp: 17010

Ion Ratio Lower Upper

94 100

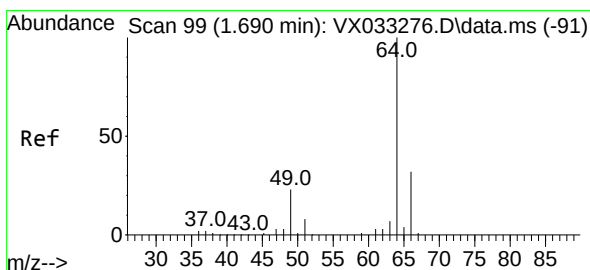
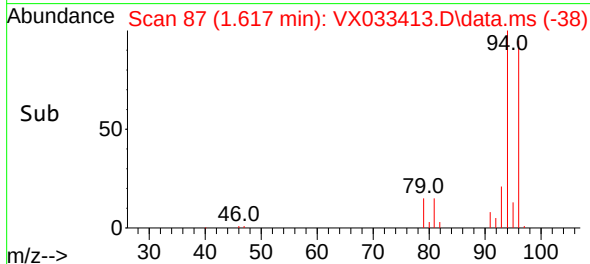
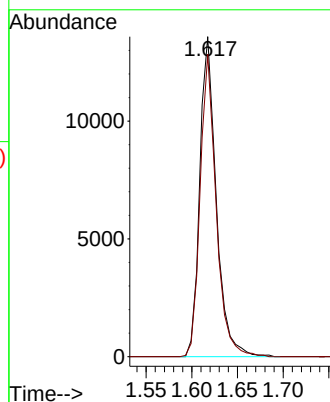
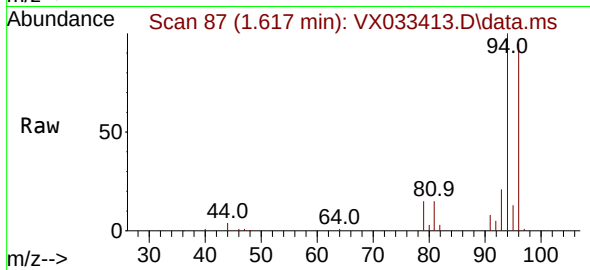
96 94.5 77.6 116.4

Manual Integrations

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#6

Chloroethane

Concen: 17.897 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX033413.D

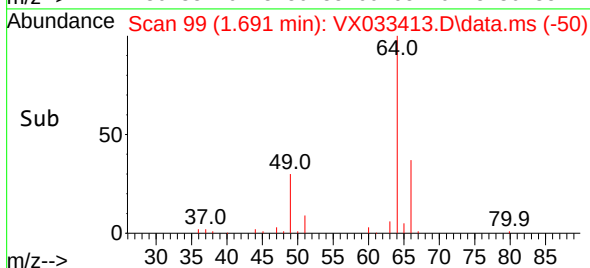
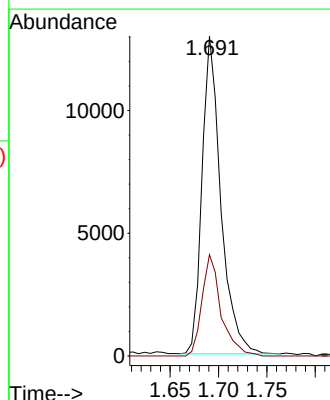
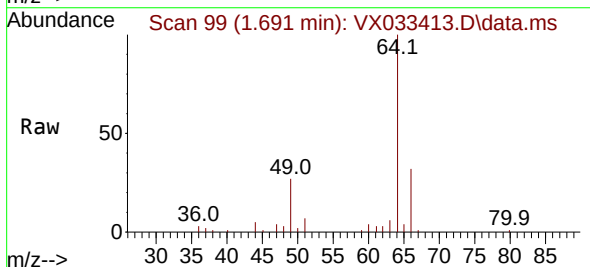
Acq: 14 Dec 2022 11:28

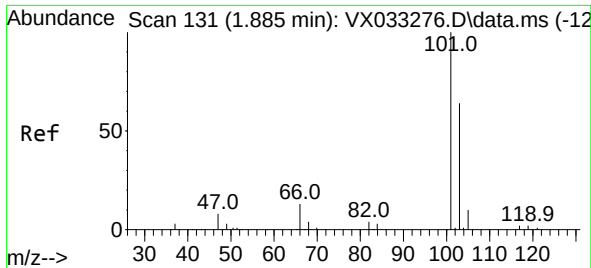
Tgt Ion: 64 Resp: 17514

Ion Ratio Lower Upper

64 100

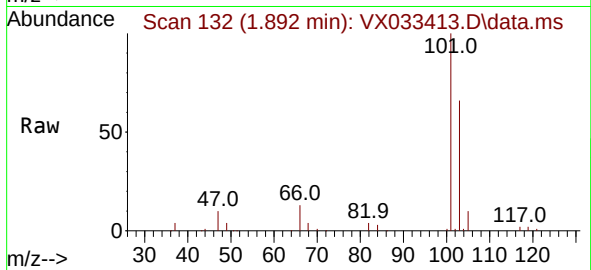
66 31.9 26.0 39.0





#7
Trichlorofluoromethane
Concen: 13.221 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

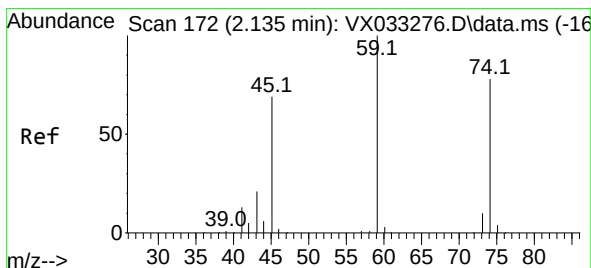
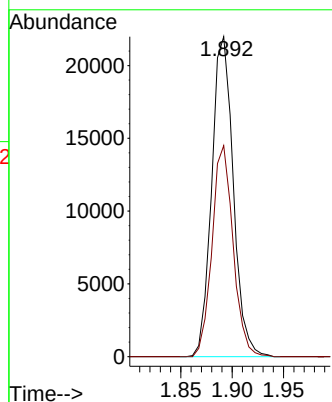
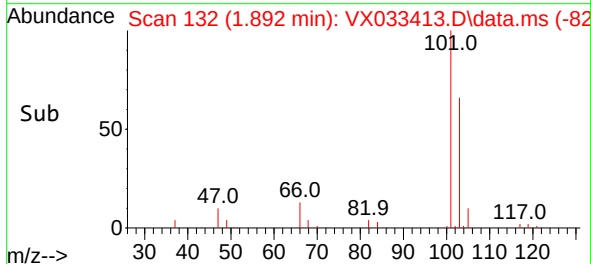
Instrument :
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Tgt Ion:101 Resp: 3202
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.2

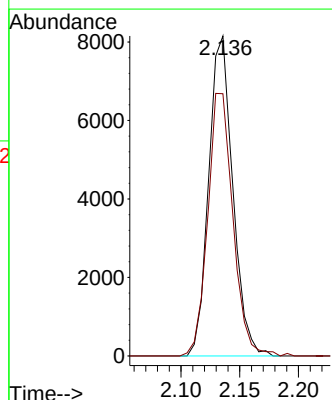
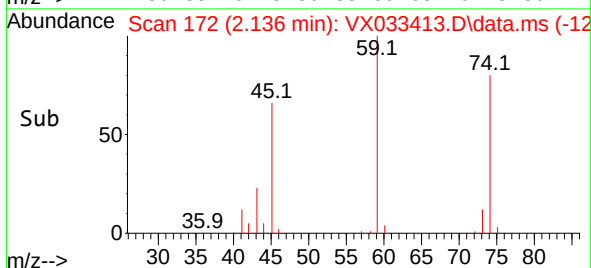
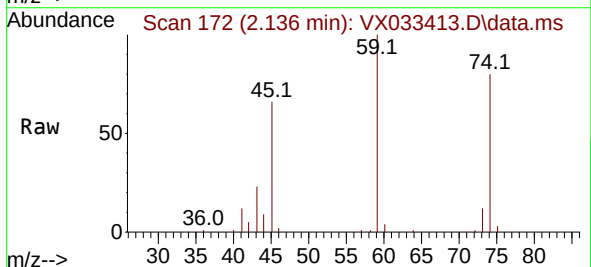
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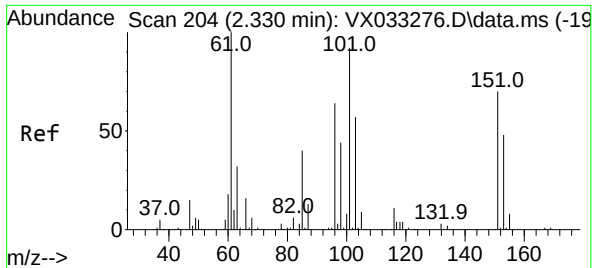
Reviewed By :John Carlone 12/15/2022
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#8
Diethyl Ether
Concen: 13.277 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 11616
Ion Ratio Lower Upper
74 100
45 86.2 46.6 139.7





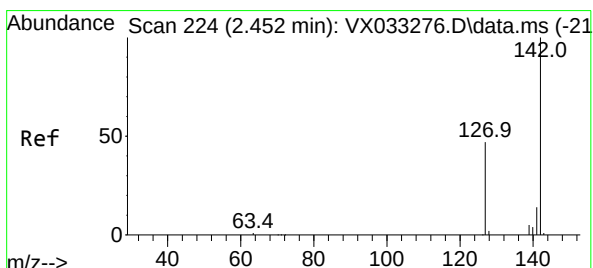
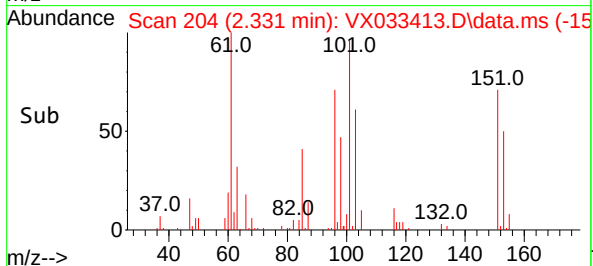
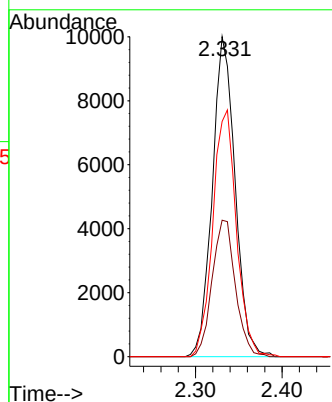
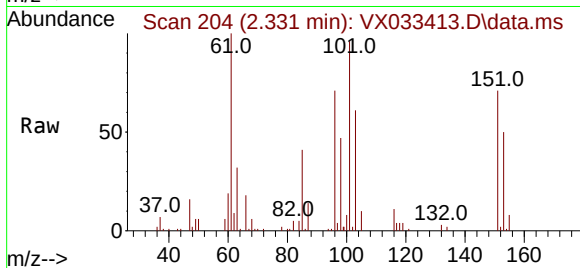
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 14.260 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX033413.D
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 ClientSampleId :
 VX1214WBS01

Tgt Ion:101 Resp: 1832
 Ion Ratio Lower Upper
 101 100
 85 43.5 37.0 55.4
 151 79.8 64.4 96.6

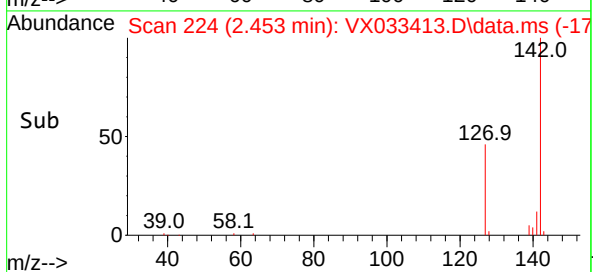
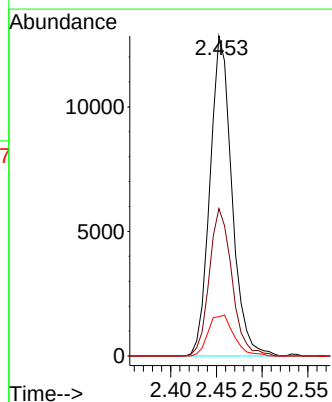
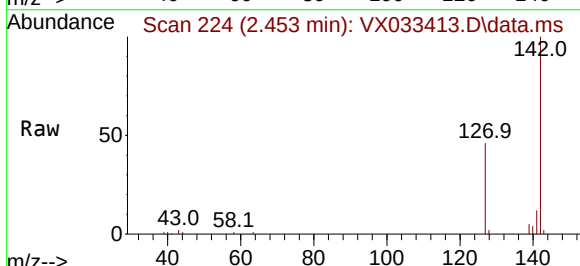
Manual Integrations
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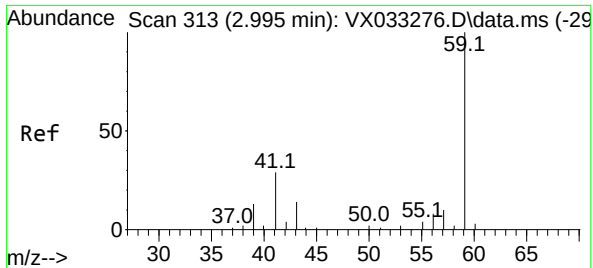
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#10
 Methyl Iodide
 Concen: 15.243 ug/l
 RT: 2.453 min Scan# 224
 Delta R.T. 0.000 min
 Lab File: VX033413.D
 Acq: 14 Dec 2022 11:28

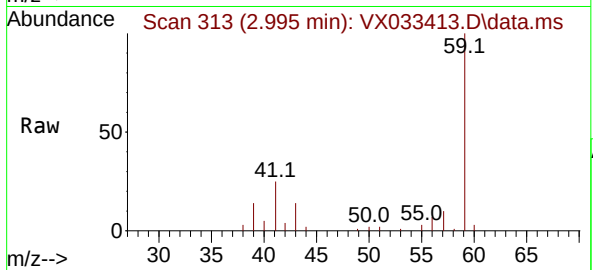
Tgt Ion:142 Resp: 21450
 Ion Ratio Lower Upper
 142 100
 127 47.5 38.6 57.8
 141 14.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 94.629 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

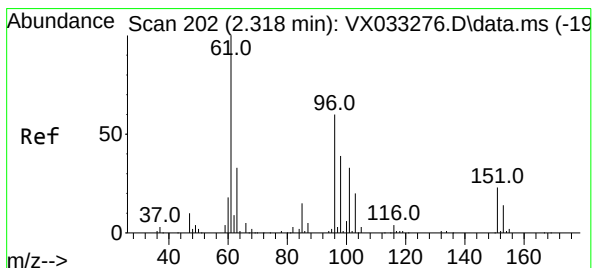
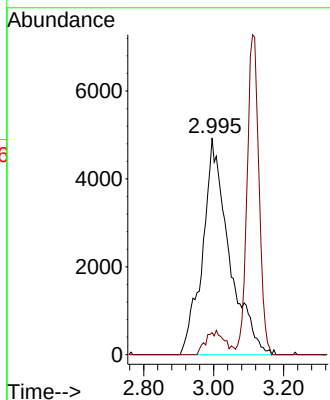
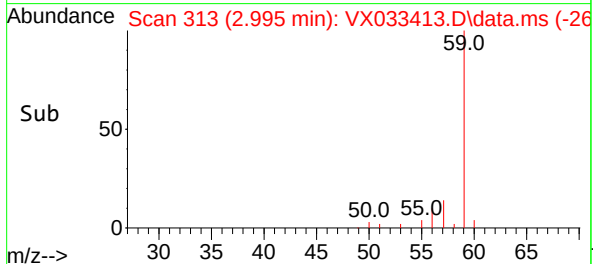
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



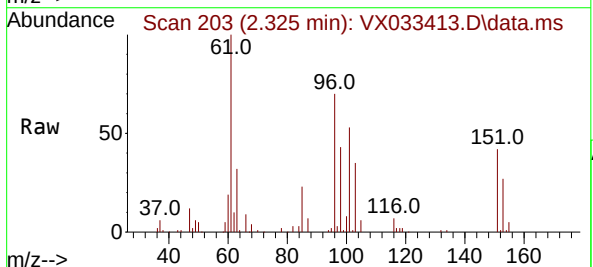
Tgt Ion: 59 Resp: 25960
Ion Ratio Lower Upper
59 100
57 3.8 8.2 12.4

Manual Integrations
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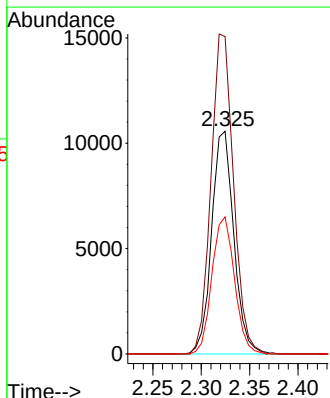
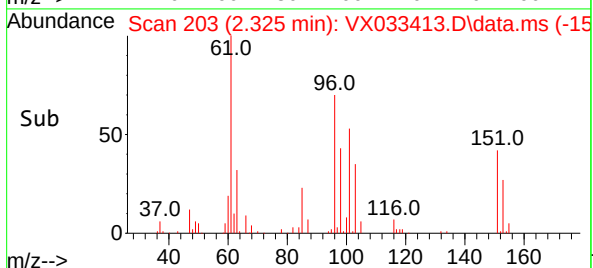
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

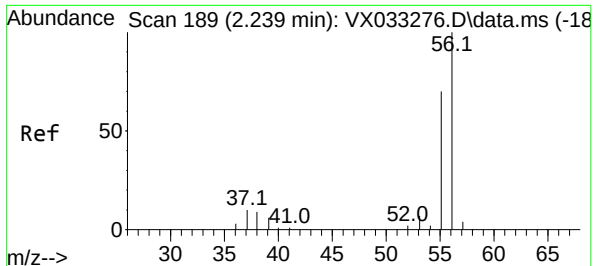


#12
1,1-Dichloroethene
Concen: 13.298 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28



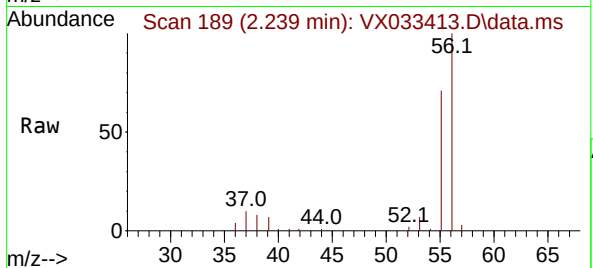
Tgt Ion: 96 Resp: 16866
Ion Ratio Lower Upper
96 100
61 142.5 125.1 187.7
98 61.5 50.6 76.0





#13
Acrolein
Concen: 60.937 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

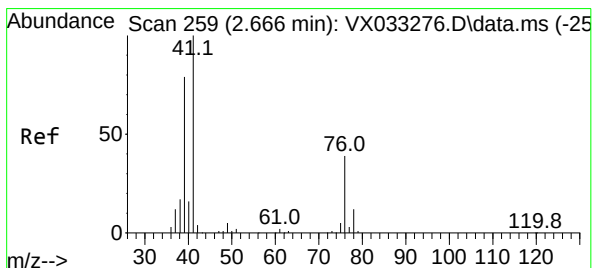
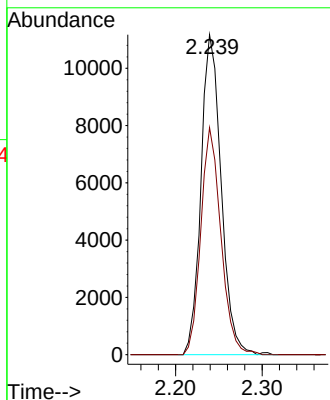
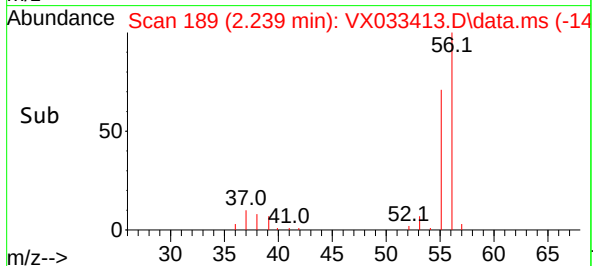
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



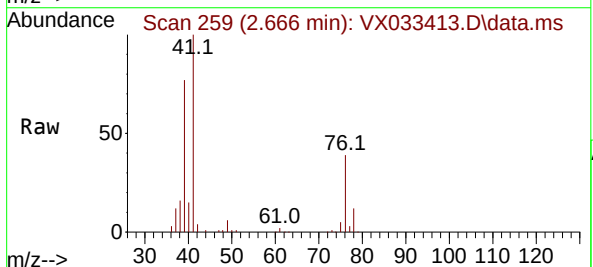
Tgt Ion: 56 Resp: 1813
Ion Ratio Lower Upper
56 100
55 70.4 56.9 85.3

Manual Integrations
APPROVED

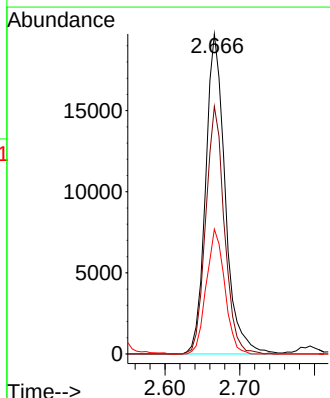
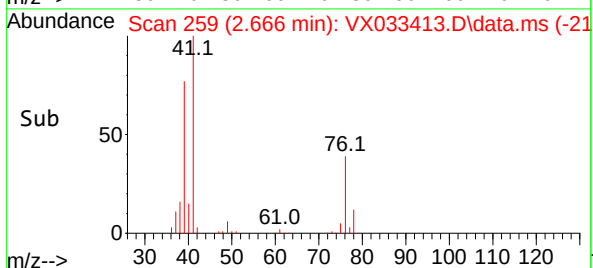
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

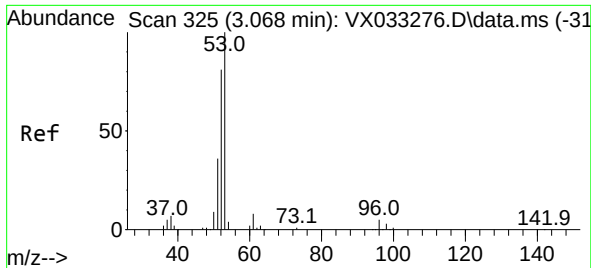


#14
Allyl chloride
Concen: 17.737 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28



Tgt Ion: 41 Resp: 35925
Ion Ratio Lower Upper
41 100
39 73.5 61.4 92.2
76 36.6 29.2 43.8





#15

Acrylonitrile

Concen: 90.072 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 53 Resp: 61224

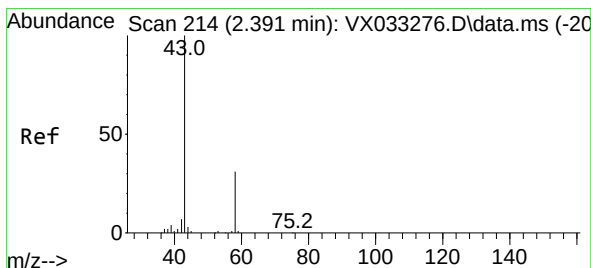
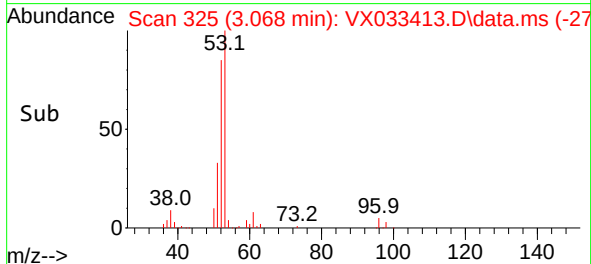
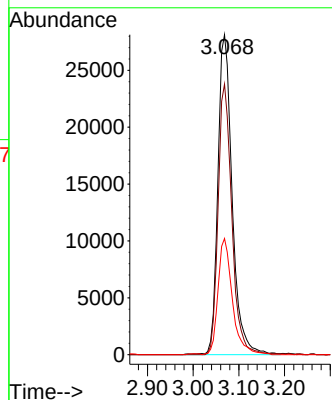
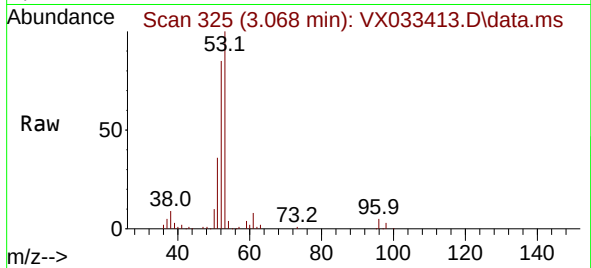
Ion	Ratio	Lower	Upper
53	100		
52	81.5	67.4	101.0
51	36.6	30.3	45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#16

Acetone

Concen: 99.812 ug/l

RT: 2.392 min Scan# 214

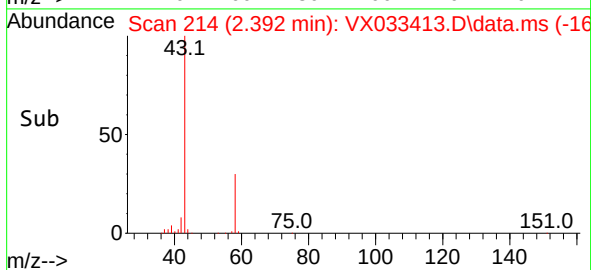
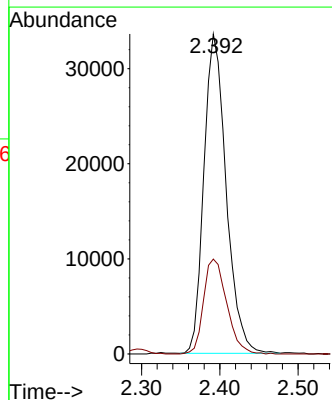
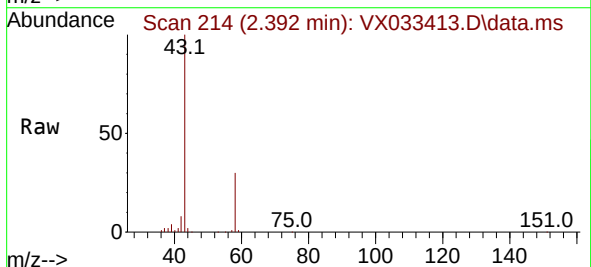
Delta R.T. 0.000 min

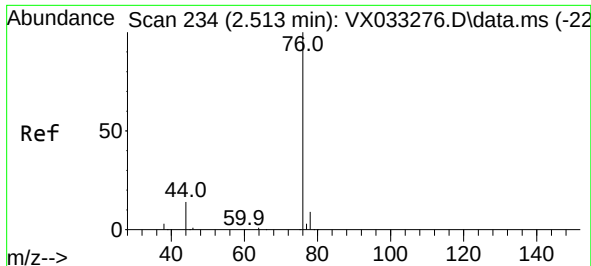
Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Tgt Ion: 43 Resp: 66289

Ion	Ratio	Lower	Upper
43	100		
58	29.7	23.8	35.8





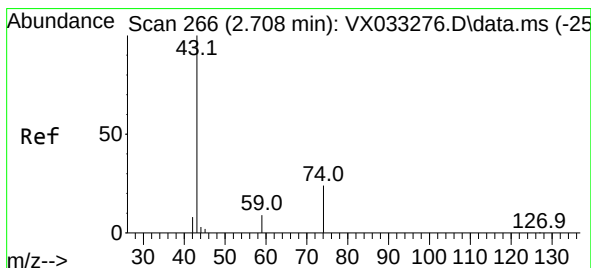
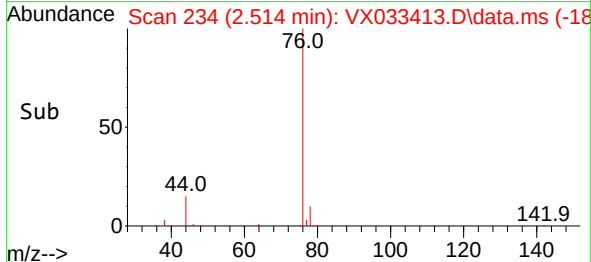
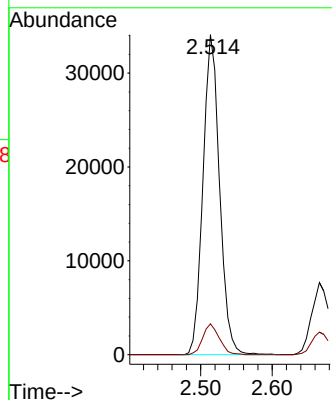
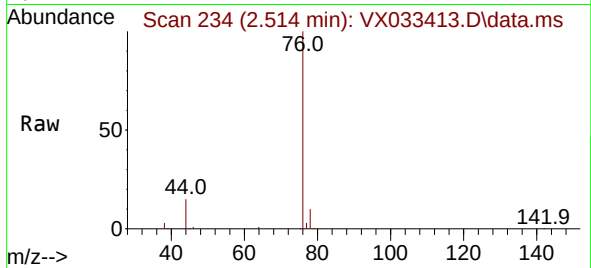
#17
Carbon Disulfide
Concen: 16.881 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 76 Resp: 5495
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

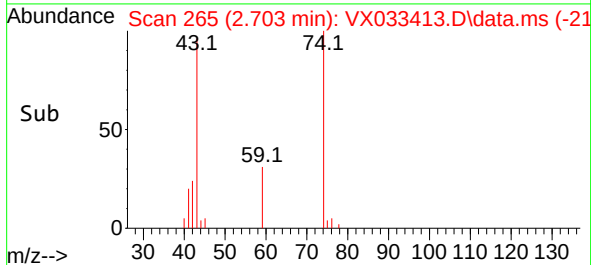
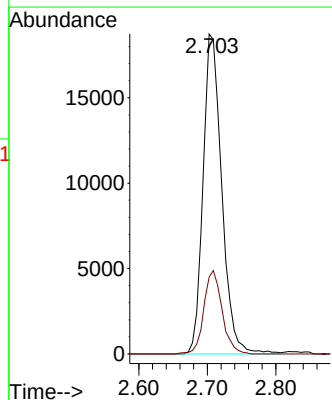
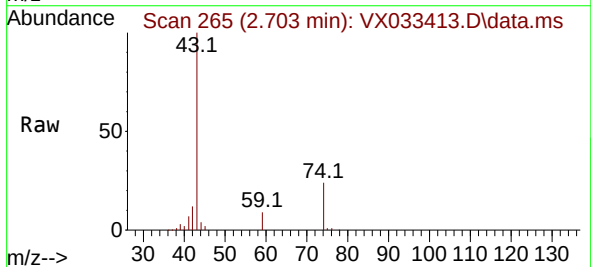
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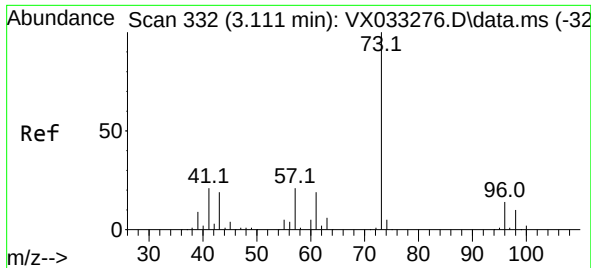
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#18
Methyl Acetate
Concen: 18.548 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Tgt Ion: 43 Resp: 35660
Ion Ratio Lower Upper
43 100
74 25.3 19.4 29.0





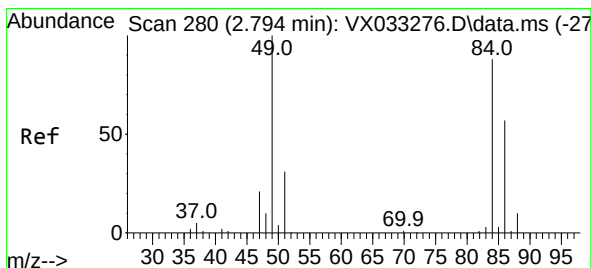
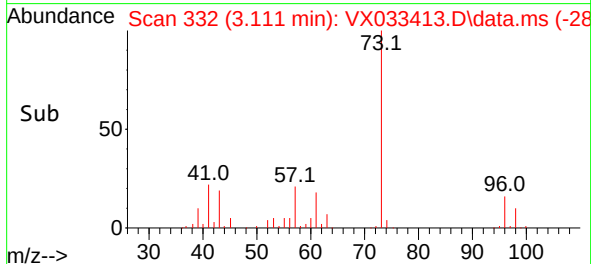
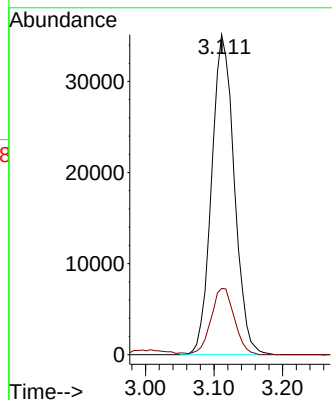
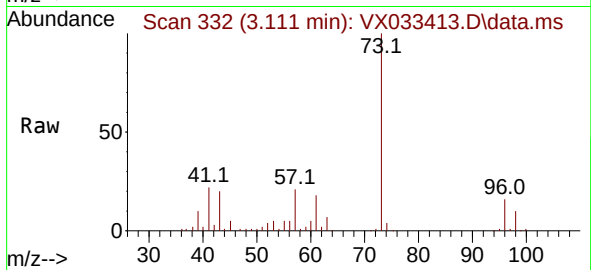
#19
Methyl tert-butyl Ether
Concen: 18.373 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 73 Resp: 80720
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0

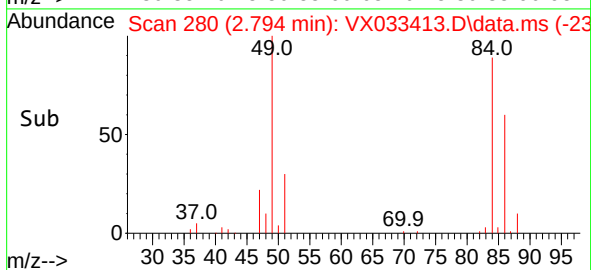
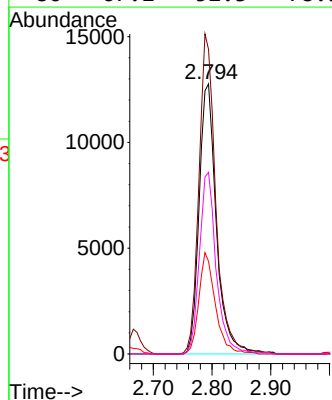
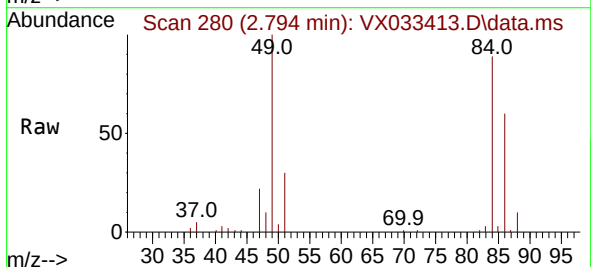
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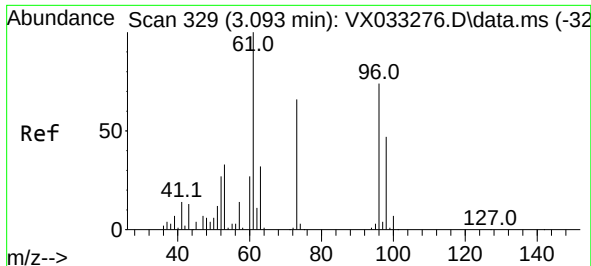
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 17.637 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Tgt Ion: 84 Resp: 26123
Ion Ratio Lower Upper
84 100
49 112.8 101.0 151.6
51 34.3 31.1 46.7
86 67.2 52.3 78.5





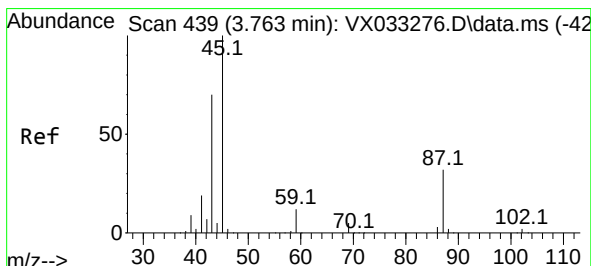
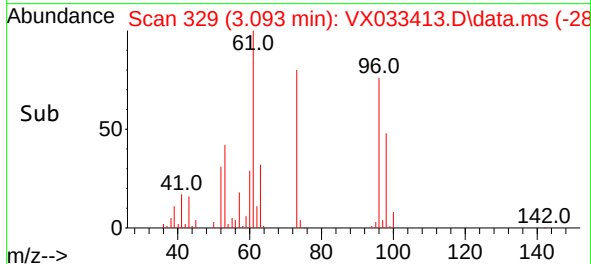
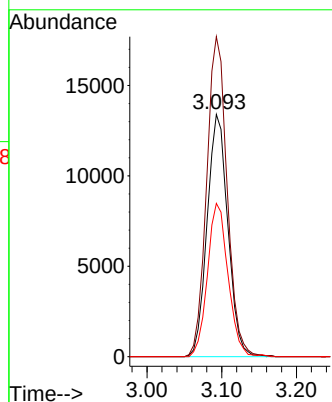
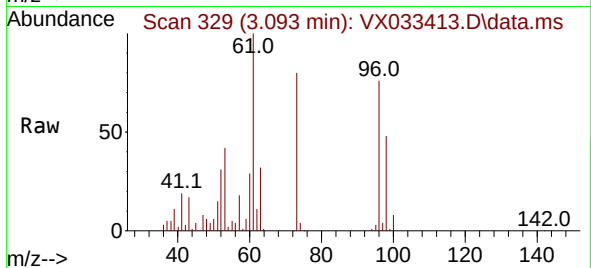
#21
trans-1,2-Dichloroethene
Concen: 18.591 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 96 Resp: 25794
Ion Ratio Lower Upper
96 100
61 132.1 106.6 160.0
98 63.3 51.0 76.6

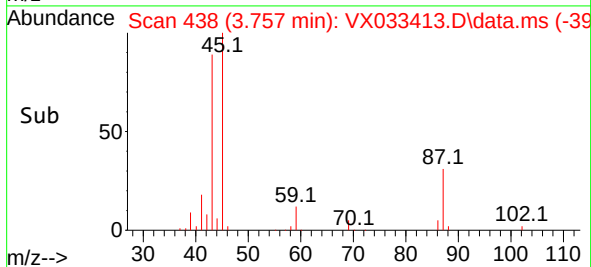
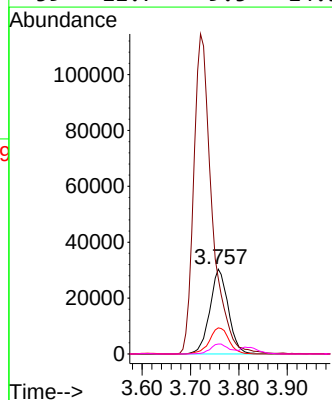
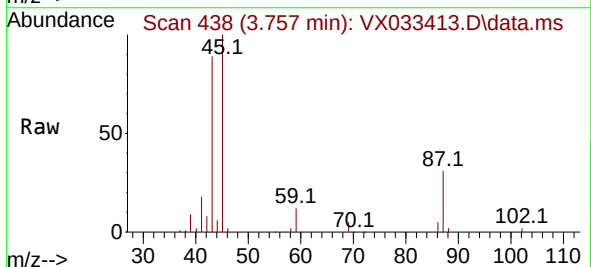
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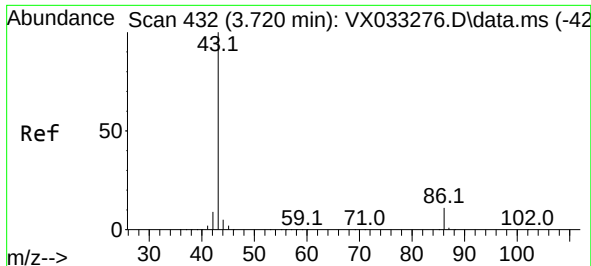
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#22
Diisopropyl ether
Concen: 18.533 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Tgt Ion: 45 Resp: 80424
Ion Ratio Lower Upper
45 100
43 88.4 56.4 84.6#
87 30.7 24.4 36.6
59 11.7 9.5 14.3





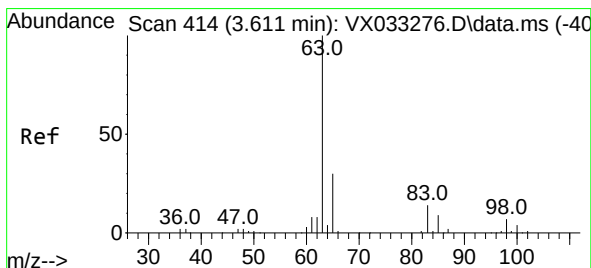
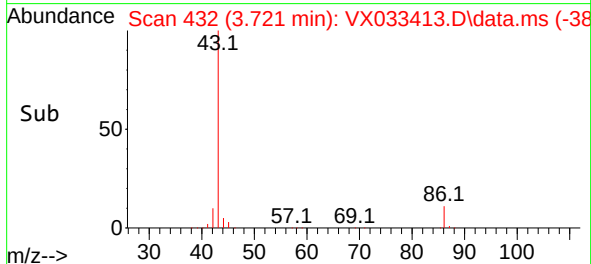
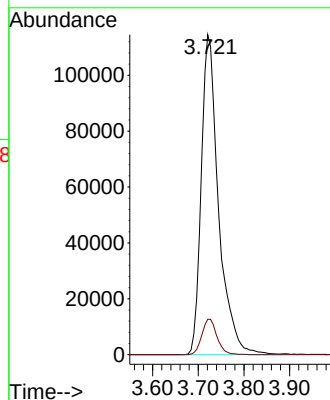
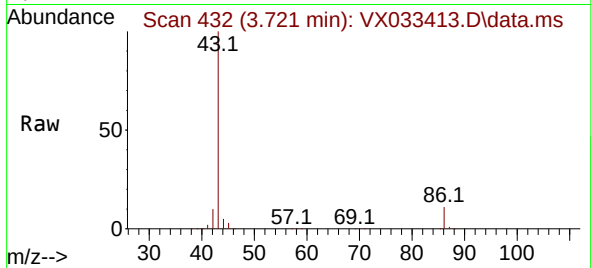
#23
 Vinyl Acetate
 Concen: 89.321 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033413.D
 Acq: 14 Dec 2022 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01

Tgt Ion: 43 Resp: 300854
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8

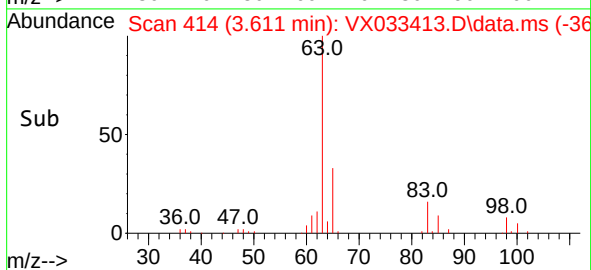
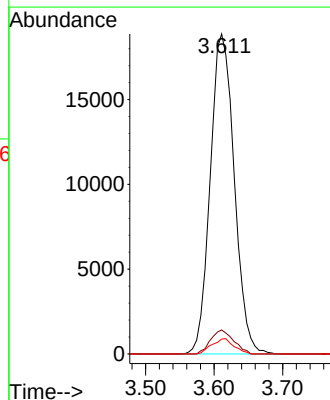
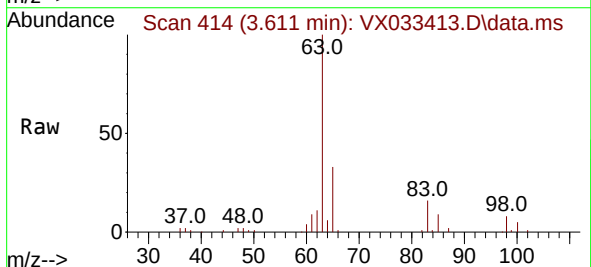
Manual Integrations
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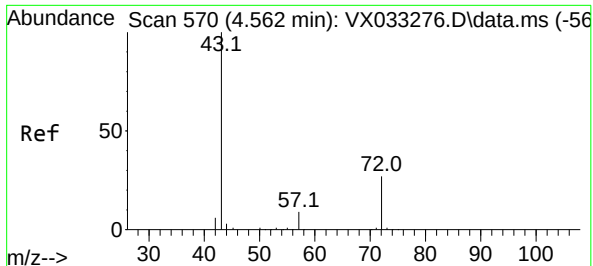
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#24
 1,1-Dichloroethane
 Concen: 17.997 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033413.D
 Acq: 14 Dec 2022 11:28

Tgt Ion: 63 Resp: 45887
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 92.958 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 43 Resp: 88618

Ion Ratio Lower Upper

43 100

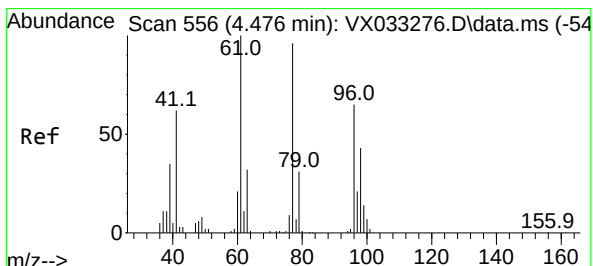
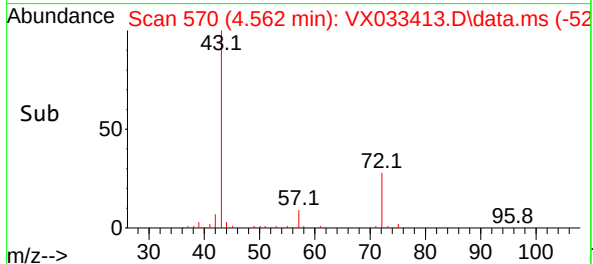
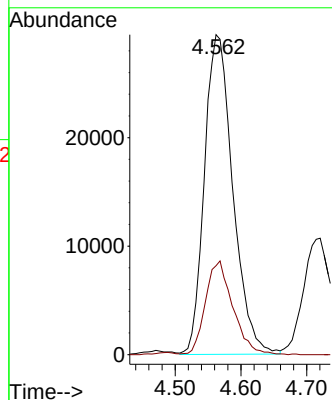
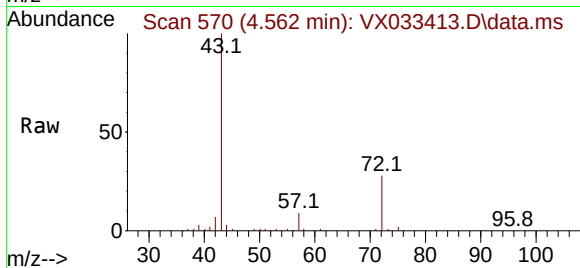
72 27.7 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#26

2,2-Dichloropropane

Concen: 19.234 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033413.D

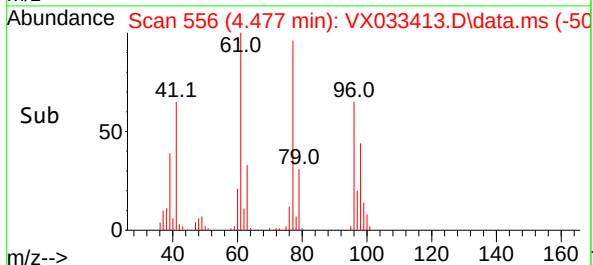
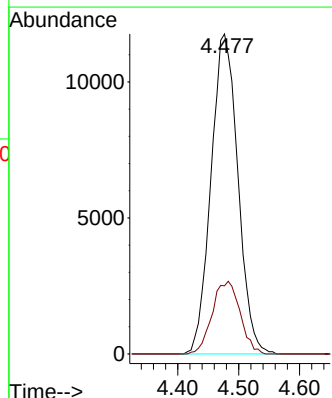
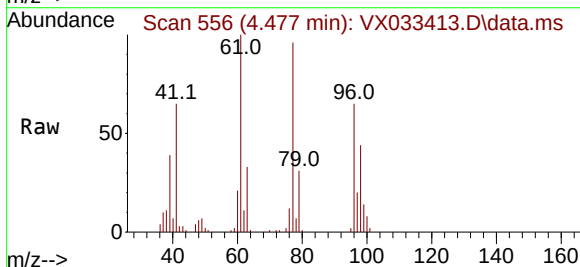
Acq: 14 Dec 2022 11:28

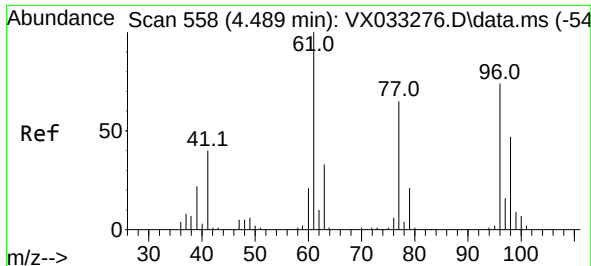
Tgt Ion: 77 Resp: 36065

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.1





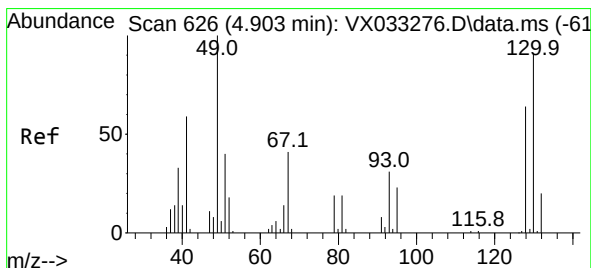
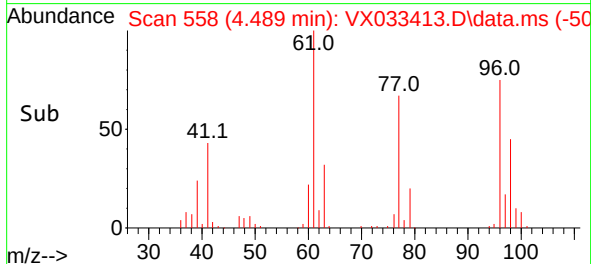
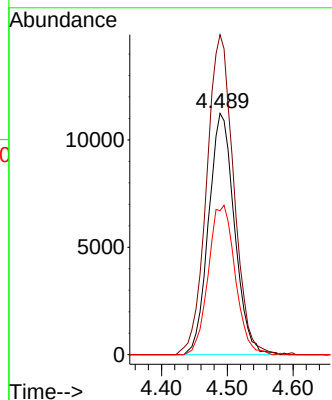
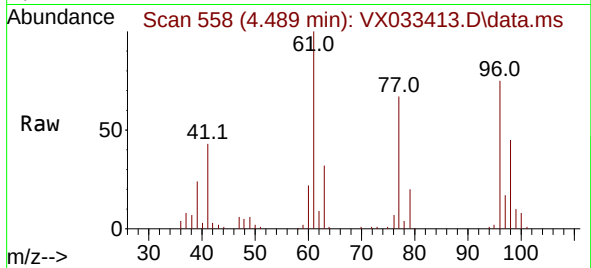
#27
 cis-1,2-Dichloroethene
 Concen: 18.551 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX033413.D
 Acq: 14 Dec 2022 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01

Tgt Ion: 96 Resp: 3075
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 286.0
 98 64.1 0.0 129.6

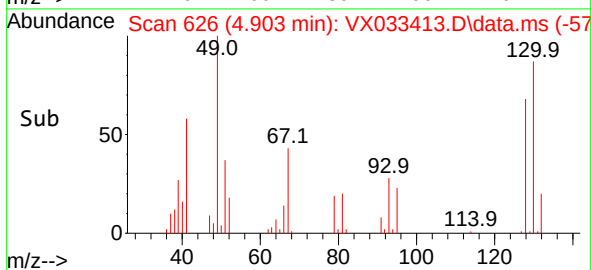
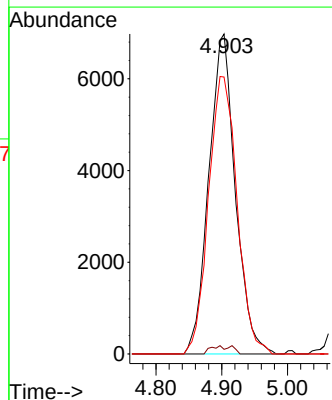
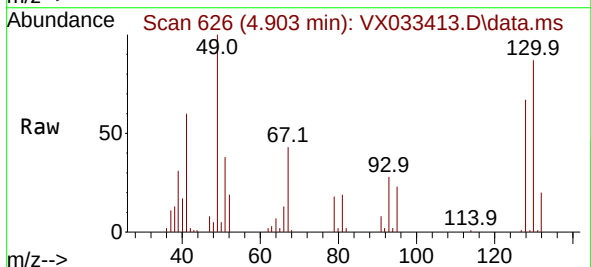
Manual Integrations
 APPROVED

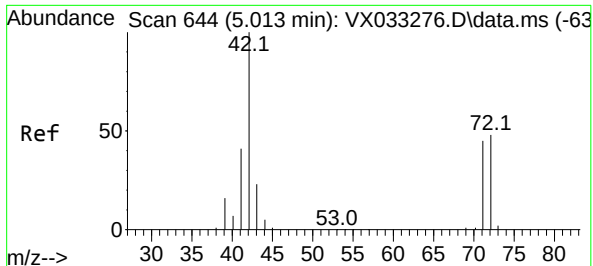
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#28
 Bromochloromethane
 Concen: 18.380 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: VX033413.D
 Acq: 14 Dec 2022 11:28

Tgt Ion: 49 Resp: 19618
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.8
 130 93.2 67.5 101.3





#29

Tetrahydrofuran

Concen: 86.476 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

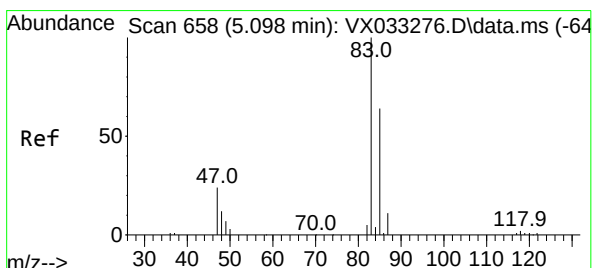
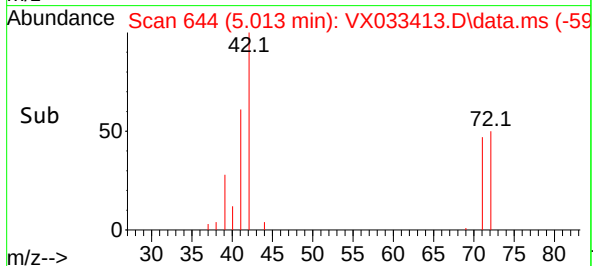
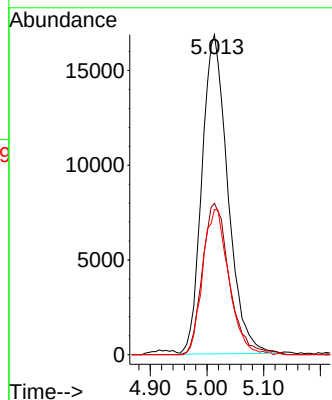
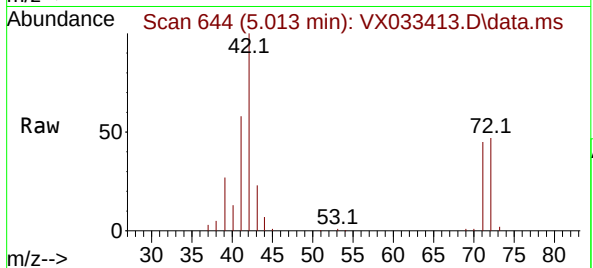
Tgt Ion:	42	Resp:	5341
Ion Ratio	Lower	Upper	
42	100		
72	49.4	37.6	56.4
71	46.0	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#30

Chloroform

Concen: 18.555 ug/l

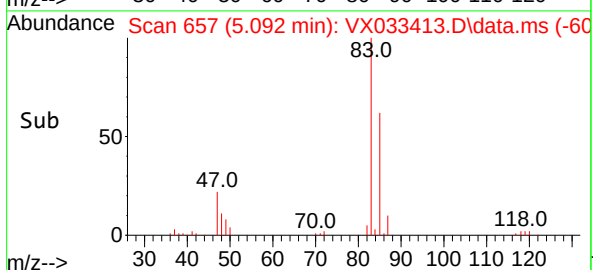
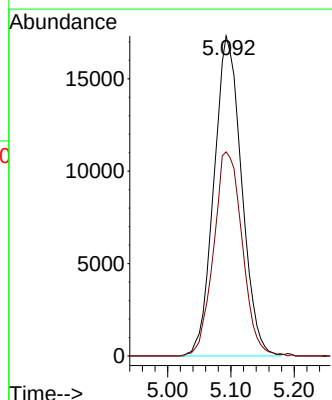
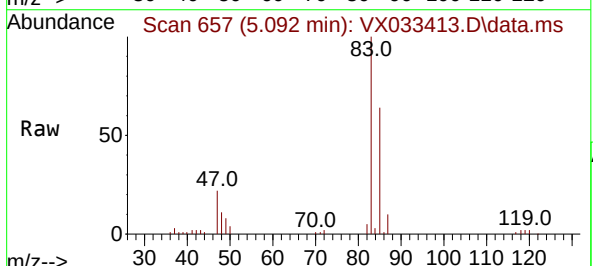
RT: 5.092 min Scan# 657

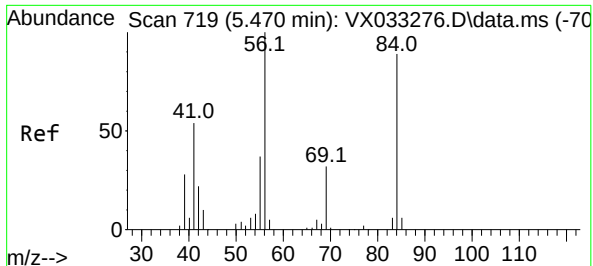
Delta R.T. -0.006 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

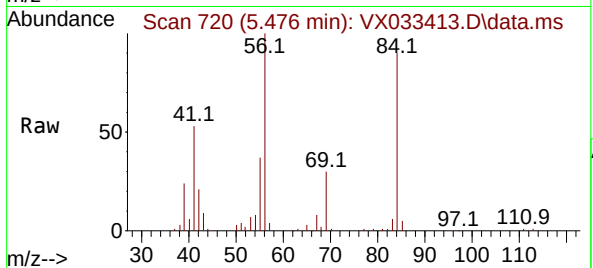
Tgt Ion:	83	Resp:	52523
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.1	76.7





#31
Cyclohexane
Concen: 19.057 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

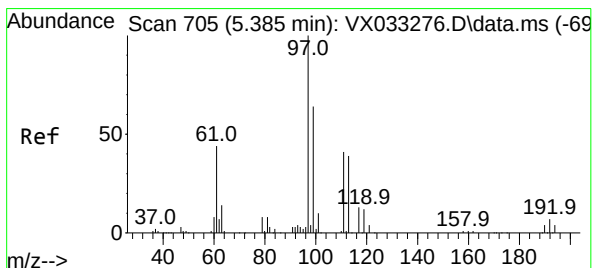
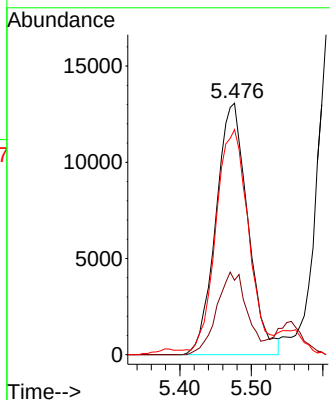
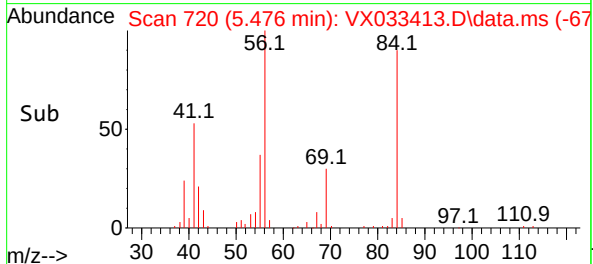
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



Tgt Ion: 56 Resp: 40648
Ion Ratio Lower Upper
56 100
69 29.6 24.1 36.1
84 87.8 66.9 100.3

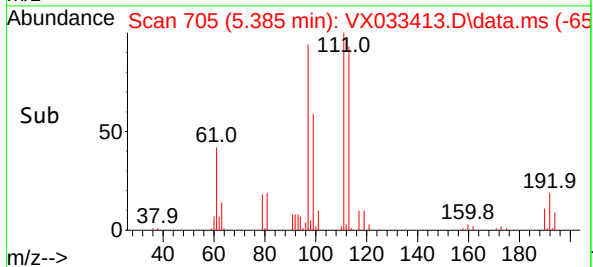
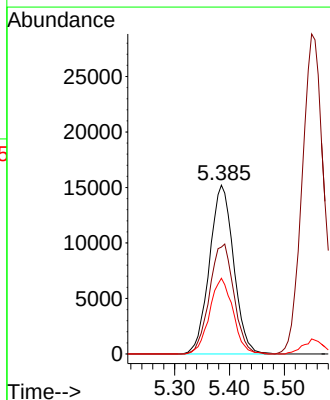
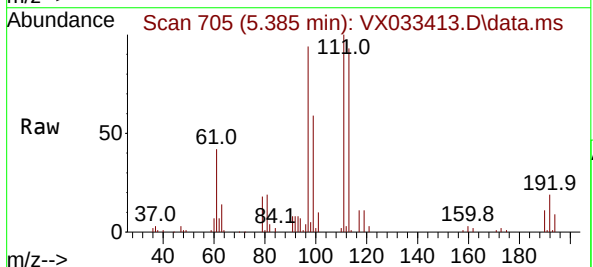
Manual Integrations
APPROVED

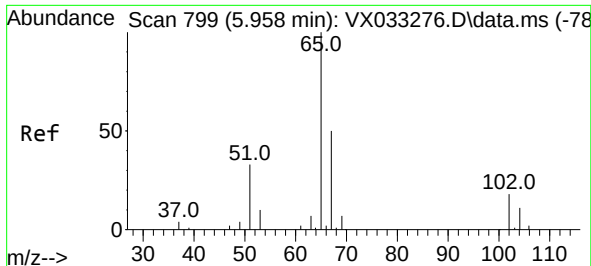
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#32
1,1,1-Trichloroethane
Concen: 19.124 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Tgt Ion: 97 Resp: 46575
Ion Ratio Lower Upper
97 100
99 65.5 51.4 77.0
61 43.4 35.2 52.8





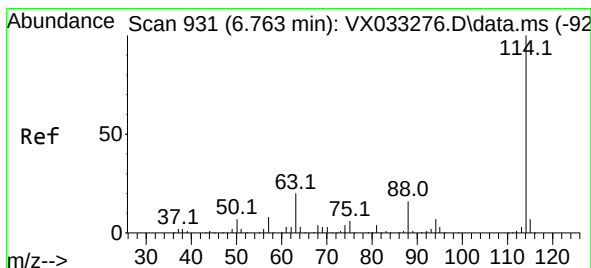
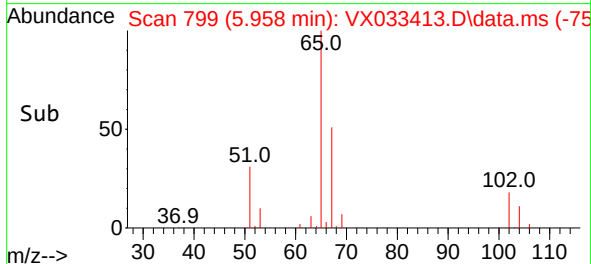
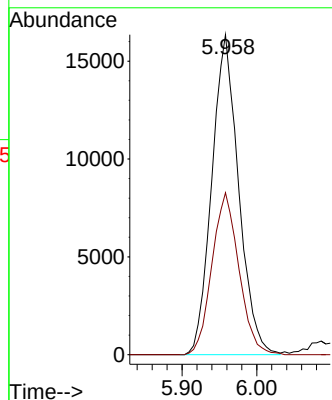
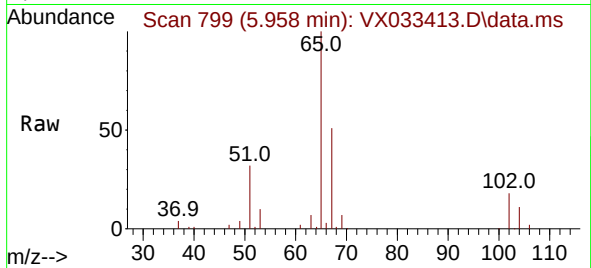
#33
1,2-Dichloroethane-d4
Concen: 45.412 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 65 Resp: 40758
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8

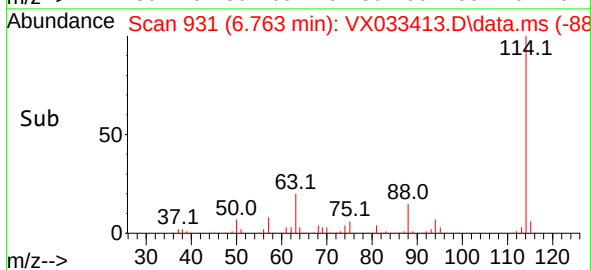
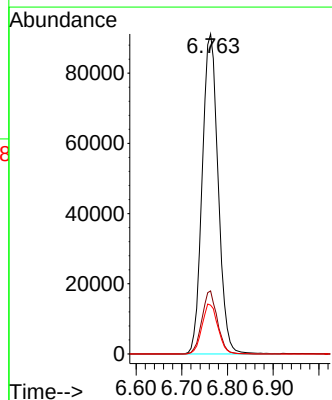
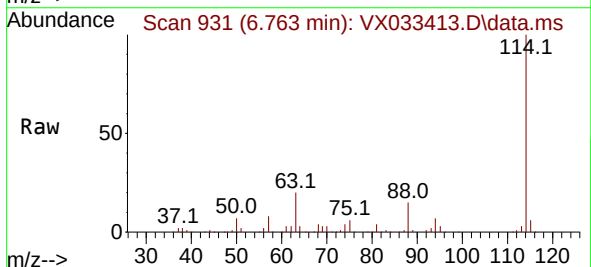
Manual Integrations
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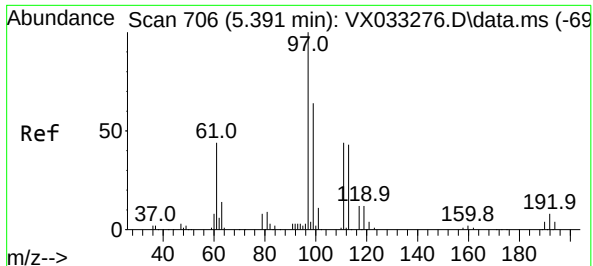
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Tgt Ion:114 Resp: 220145
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.188 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

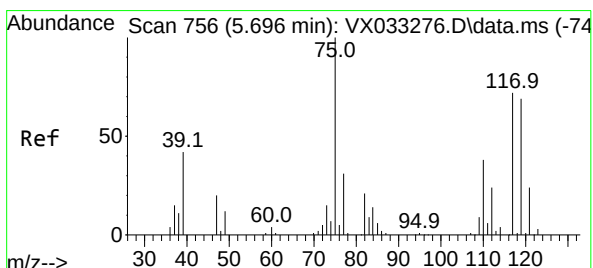
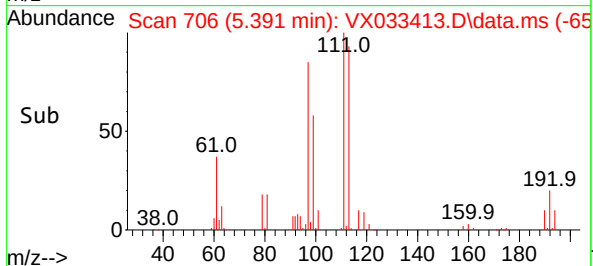
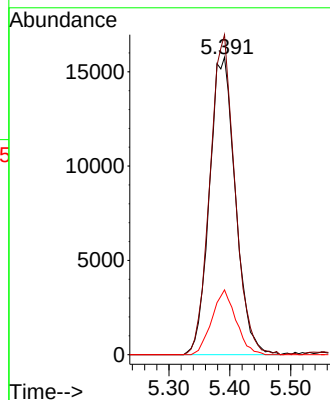
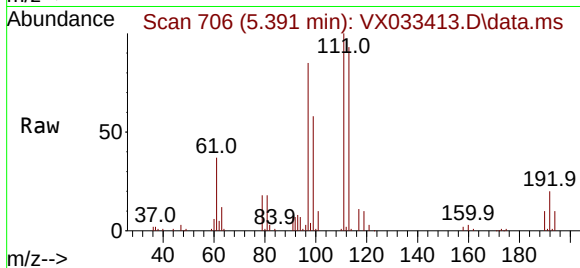
Tgt Ion:	113	Resp:	46724
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.4	123.6
192	20.2	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#36

1,1-Dichloropropene

Concen: 19.199 ug/l

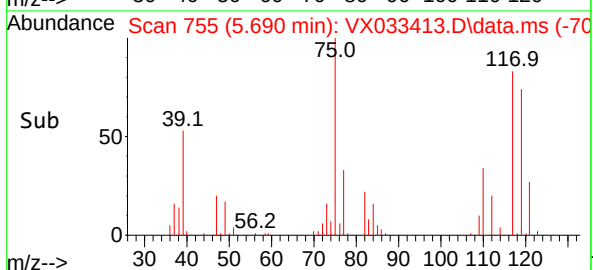
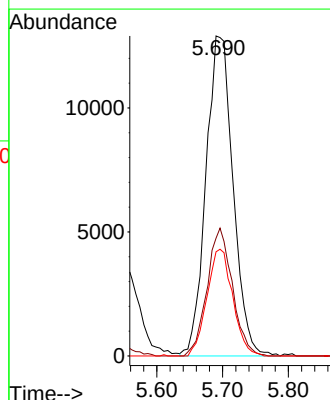
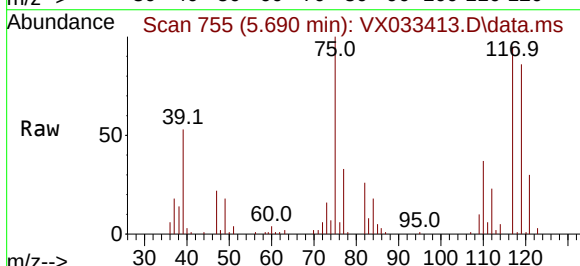
RT: 5.690 min Scan# 755

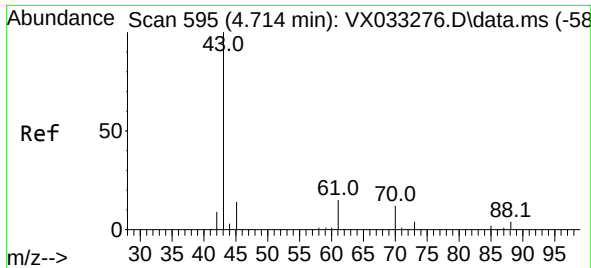
Delta R.T. -0.006 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Tgt Ion:	75	Resp:	37063
Ion Ratio	Lower	Upper	
75	100		
110	37.3	18.4	55.2
77	31.7	24.5	36.7





#37

Ethyl Acetate

Concen: 18.003 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

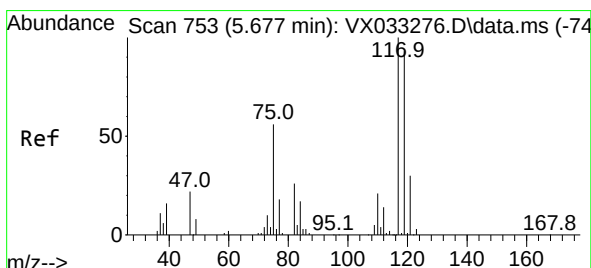
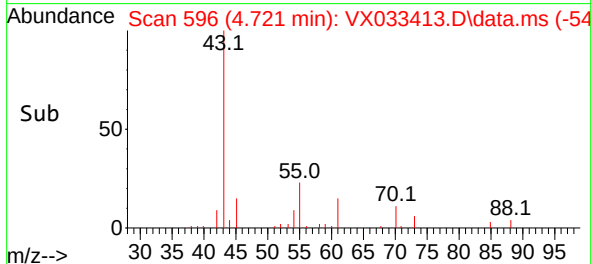
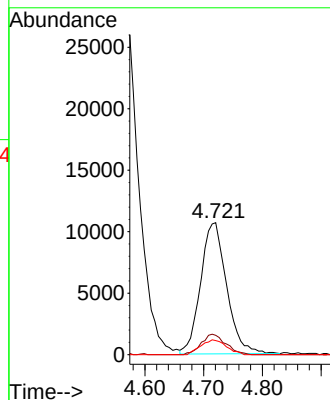
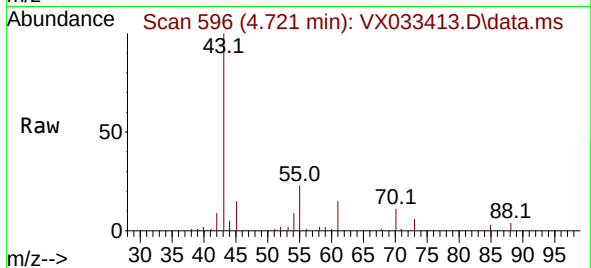
Tgt Ion: 43	Resp: 3285
Ion Ratio	Lower Upper
43 100	
61 14.7	11.5 17.3
70 11.1	9.1 13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#38

Carbon Tetrachloride

Concen: 19.456 ug/l

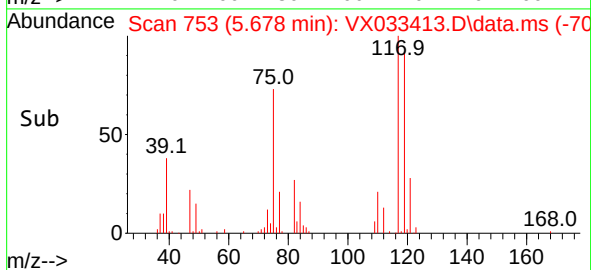
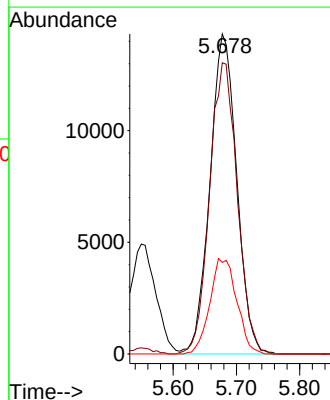
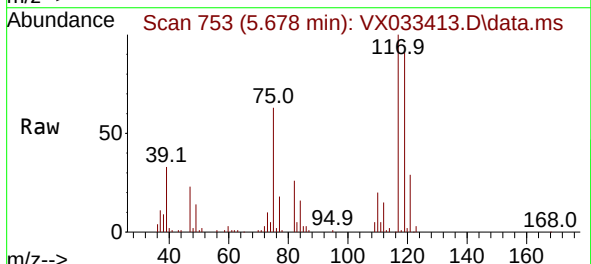
RT: 5.678 min Scan# 753

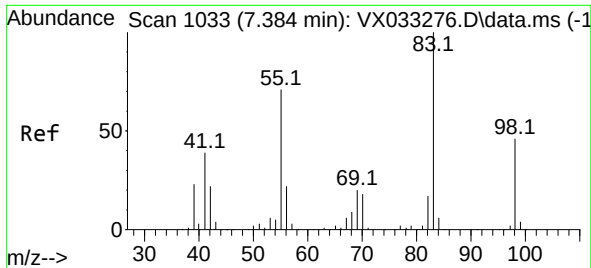
Delta R.T. 0.000 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Tgt Ion:117	Resp: 42083
Ion Ratio	Lower Upper
117 100	
119 91.0	77.2 115.8
121 28.6	25.8 38.6





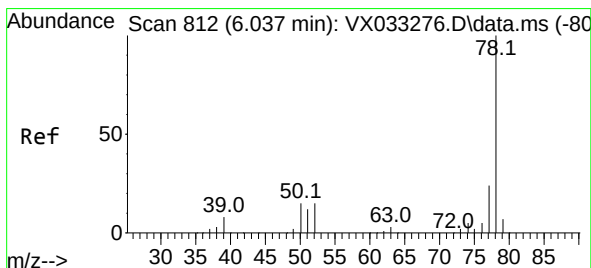
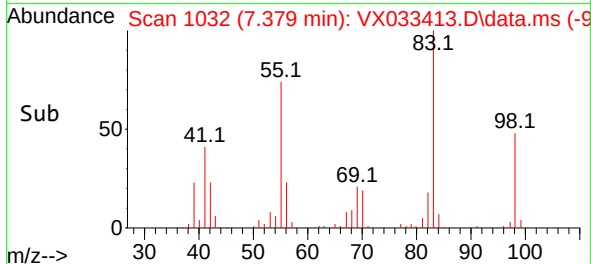
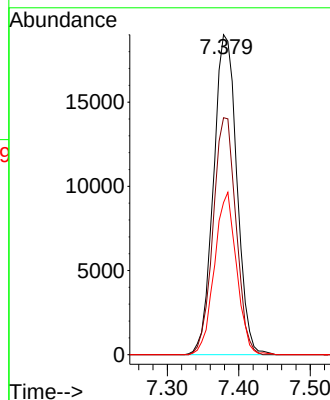
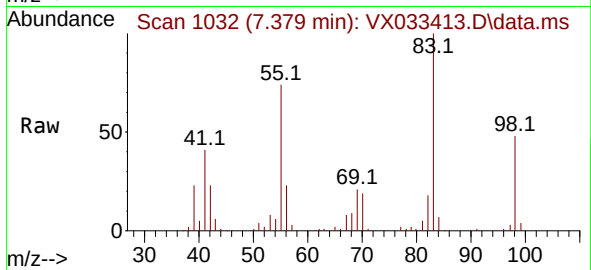
#39
Methylcyclohexane
Concen: 19.991 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 83 Resp: 4319
Ion Ratio Lower Upper
83 100
55 74.0 58.4 87.6
98 47.6 37.2 55.8

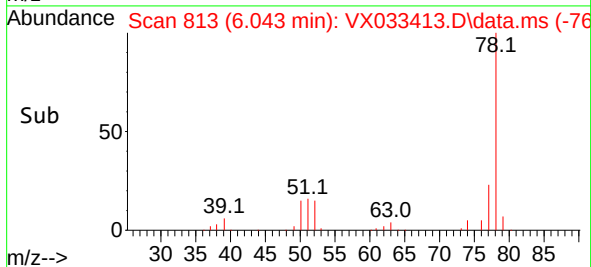
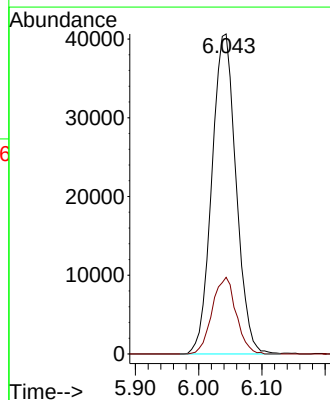
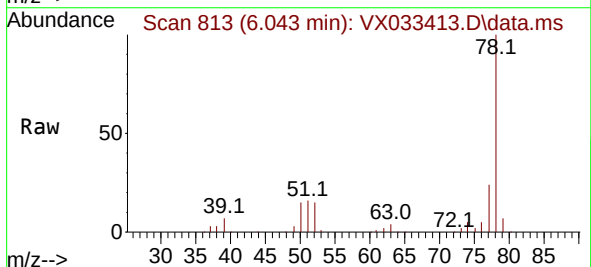
Manual Integrations
APPROVED

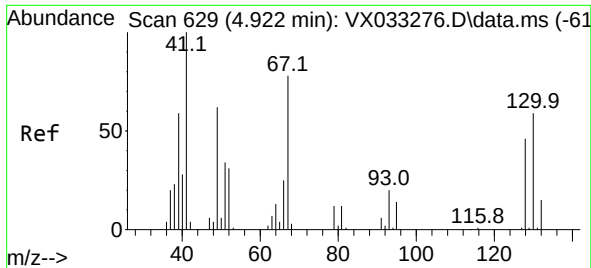
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#40
Benzene
Concen: 19.179 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

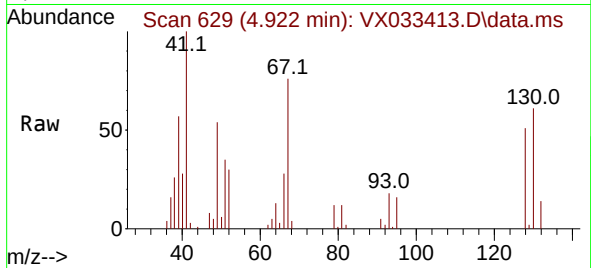
Tgt Ion: 78 Resp: 107956
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 17.980 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

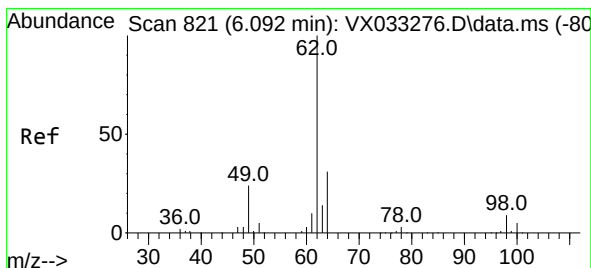
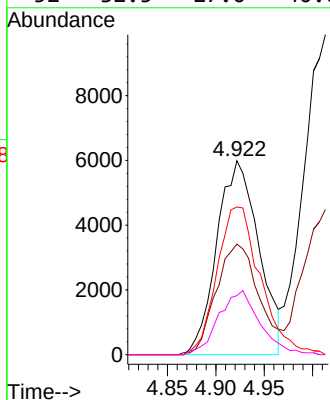
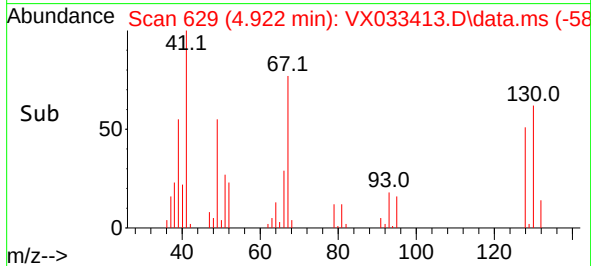
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



Tgt Ion: 41 Resp: 1808
Ion Ratio Lower Upper
41 100
39 59.0 47.5 71.3
67 78.8 60.5 90.7
52 32.5 27.0 40.6

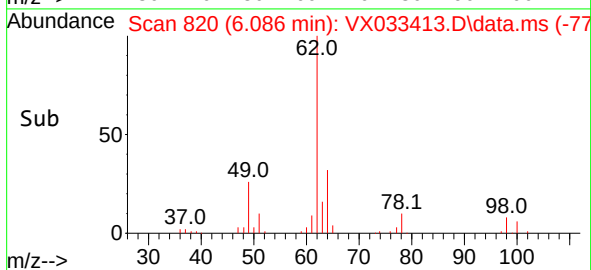
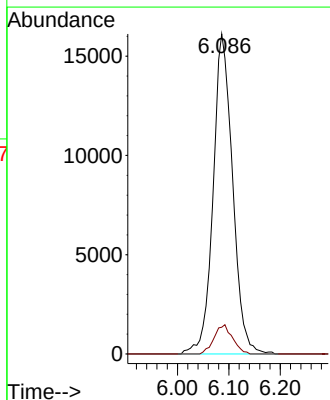
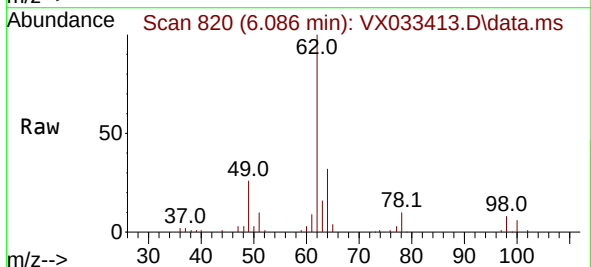
Manual Integrations
APPROVED

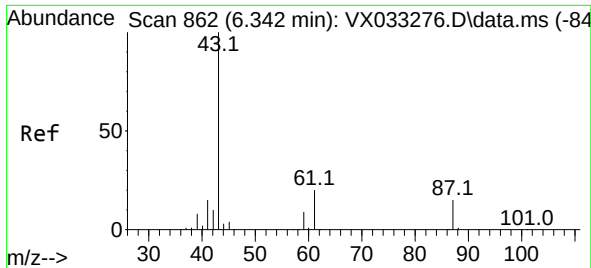
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#42
1,2-Dichloroethane
Concen: 19.007 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Tgt Ion: 62 Resp: 42484
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0





#43

Isopropyl Acetate

Concen: 18.161 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

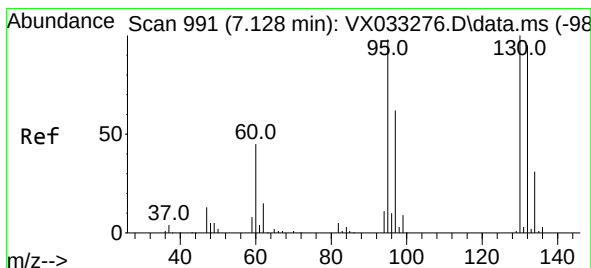
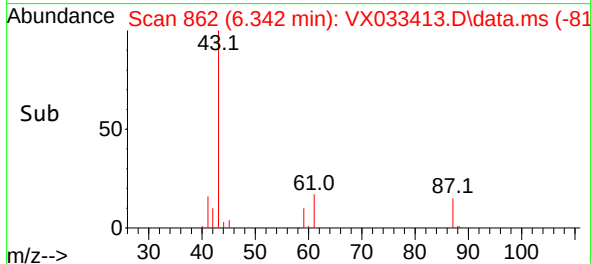
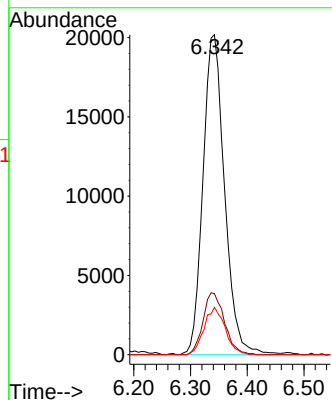
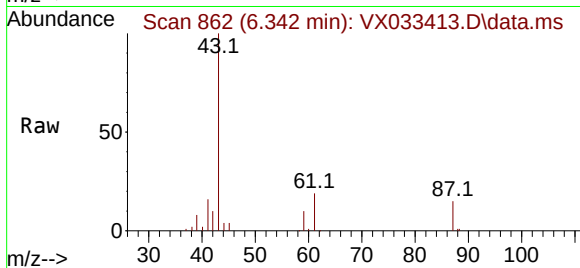
Tgt Ion: 43	Resp: 53324
Ion Ratio	Lower Upper
43 100	
61 19.2	15.4 23.0
87 14.4	10.8 16.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#44

Trichloroethene

Concen: 19.941 ug/l

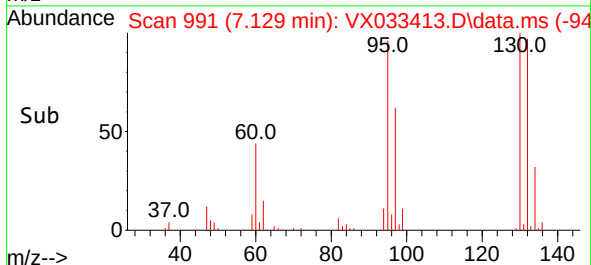
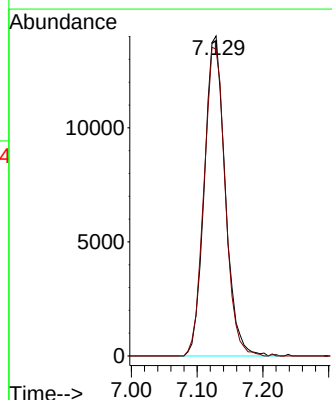
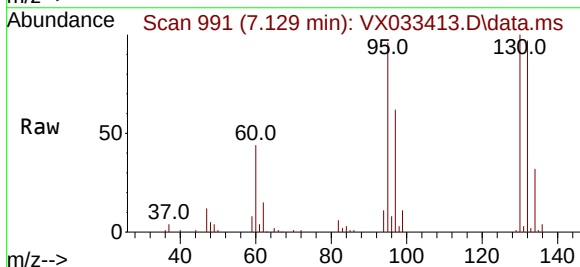
RT: 7.129 min Scan# 991

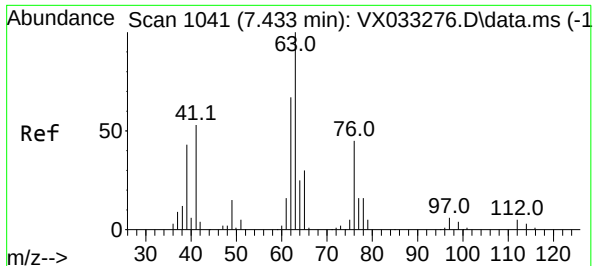
Delta R.T. 0.000 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Tgt Ion:130	Resp: 30946
Ion Ratio	Lower Upper
130 100	
95 95.9	0.0 195.2





#45

1,2-Dichloropropane

Concen: 19.357 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 63 Resp: 27864

Ion Ratio Lower Upper

63 100

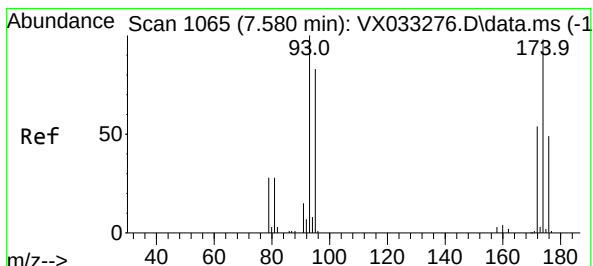
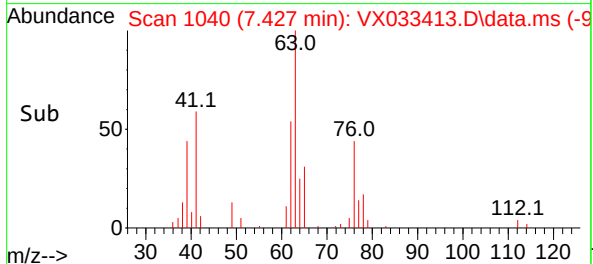
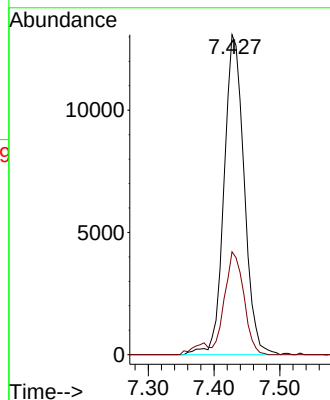
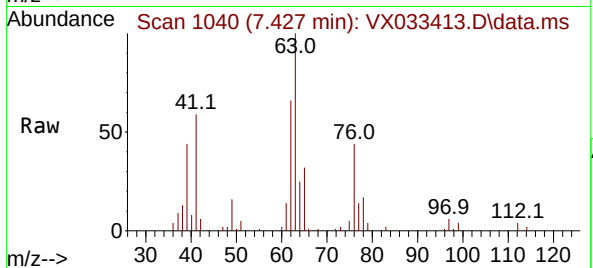
65 32.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 19.401 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

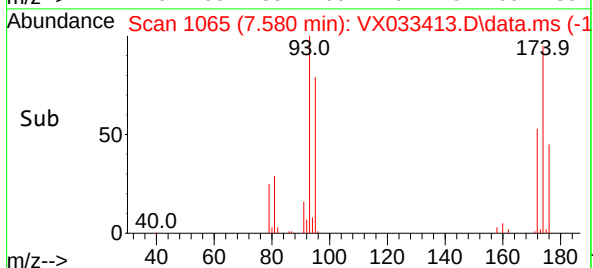
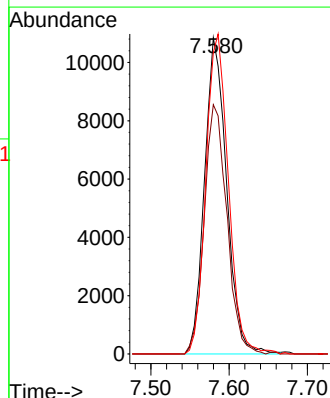
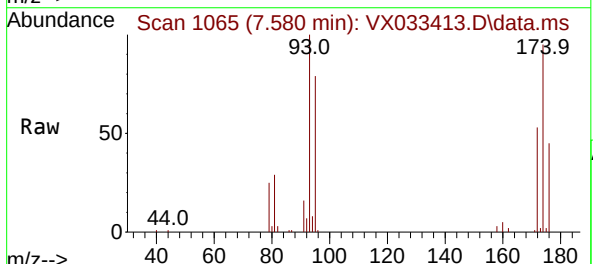
Tgt Ion: 93 Resp: 21275

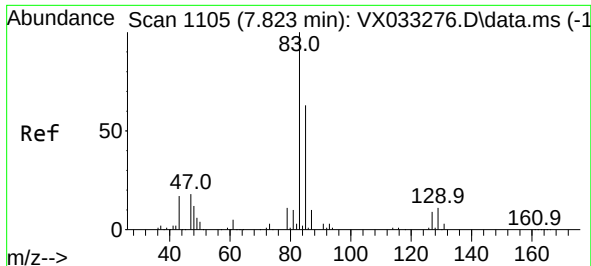
Ion Ratio Lower Upper

93 100

95 80.5 65.8 98.8

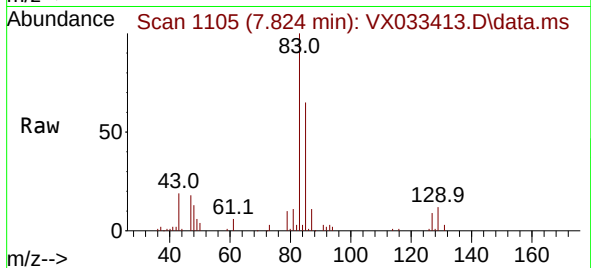
174 102.9 79.8 119.6





#47
Bromodichloromethane
Concen: 19.368 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

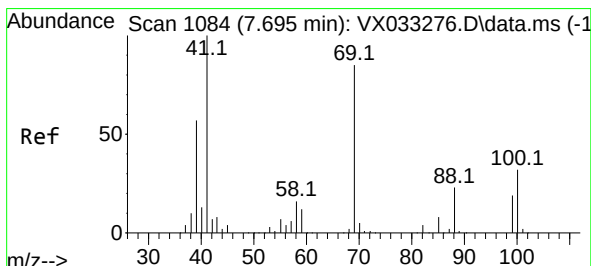
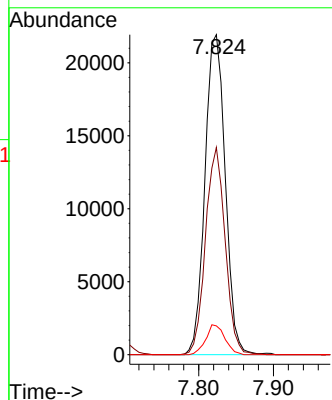
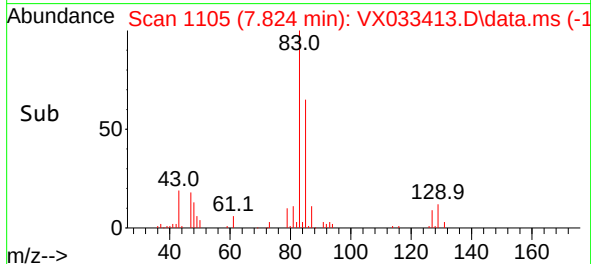
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



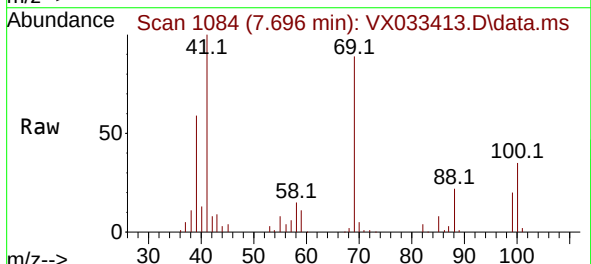
Tgt Ion: 83 Resp: 41400
Ion Ratio Lower Upper
83 100
85 64.8 52.2 78.4
127 9.0 7.4 11.2

Manual Integrations
APPROVED

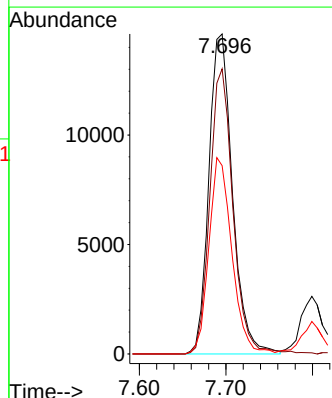
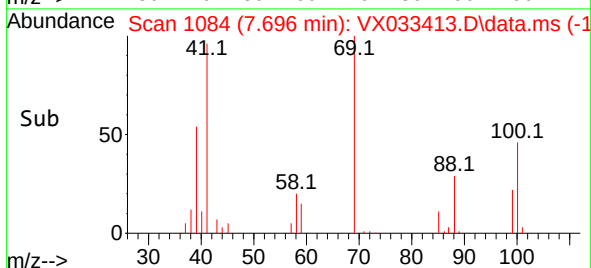
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

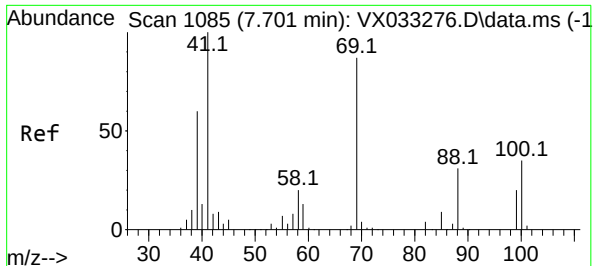


#48
Methyl methacrylate
Concen: 18.267 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28



Tgt Ion: 41 Resp: 27681
Ion Ratio Lower Upper
41 100
69 87.6 65.1 97.7
39 59.8 51.9 77.9





#49

1,4-Dioxane

Concen: 390.586 ug/l

RT: 7.708 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 88 Resp: 1349

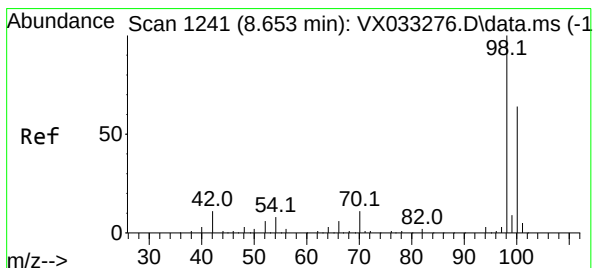
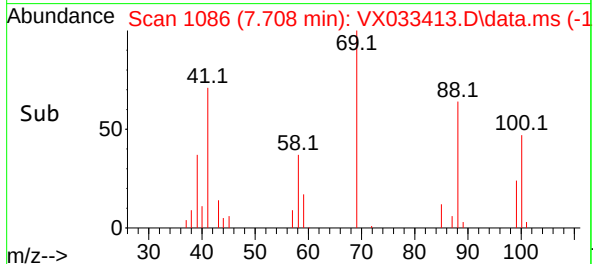
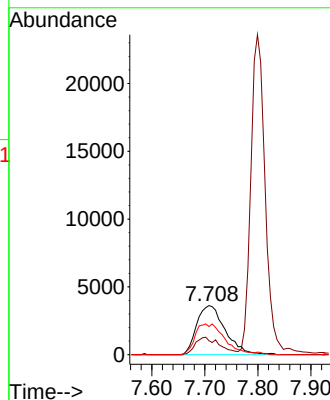
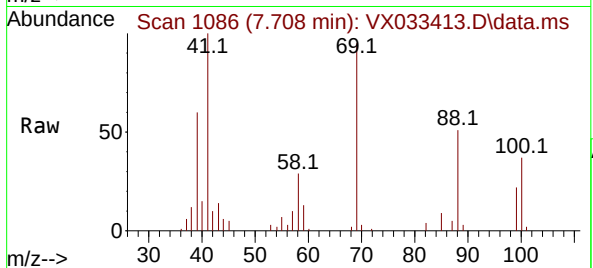
Ion	Ratio	Lower	Upper
88	100		
43	31.1	26.6	39.8
58	64.5	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 49.756 ug/l

RT: 8.647 min Scan# 1240

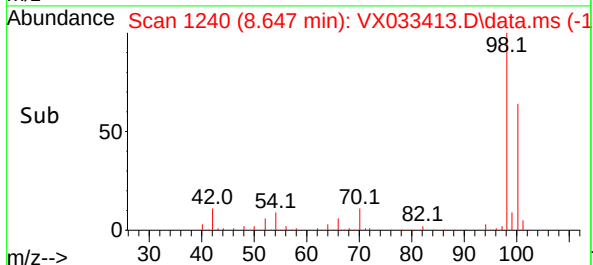
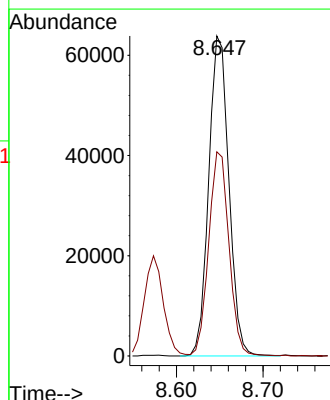
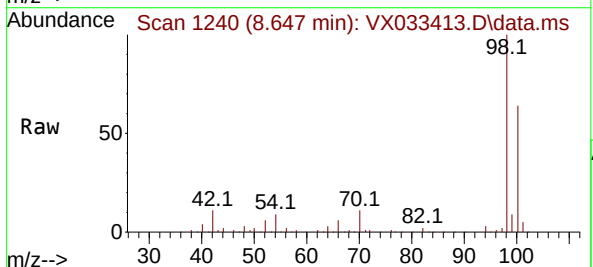
Delta R.T. -0.006 min

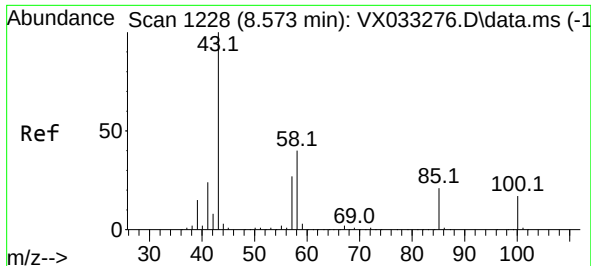
Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Tgt Ion: 98 Resp: 103063

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3





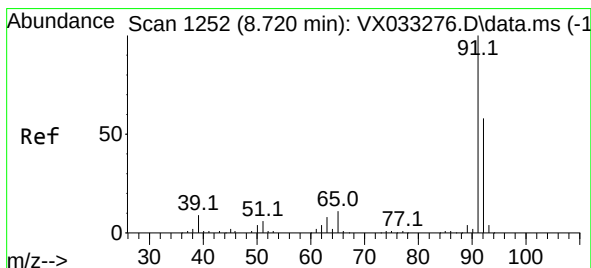
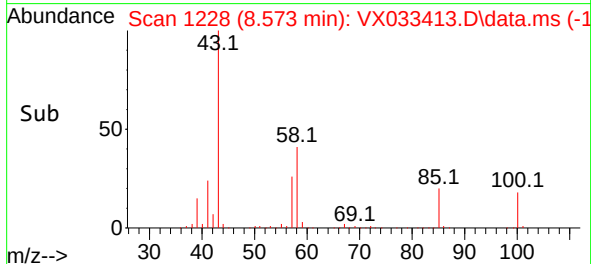
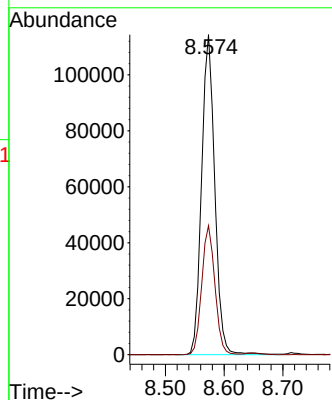
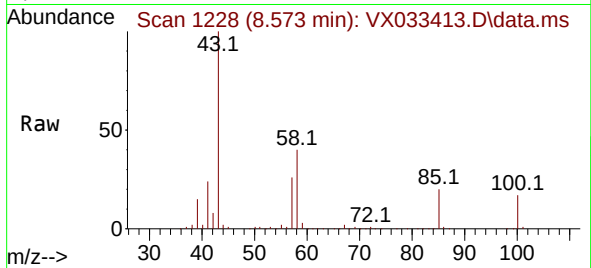
#51
4-Methyl-2-Pentanone
Concen: 96.167 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 43 Resp: 17856
Ion Ratio Lower Upper
43 100
58 40.1 30.9 46.3

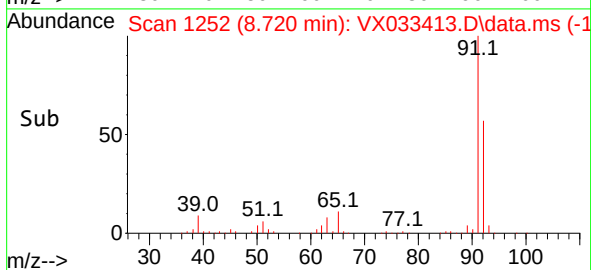
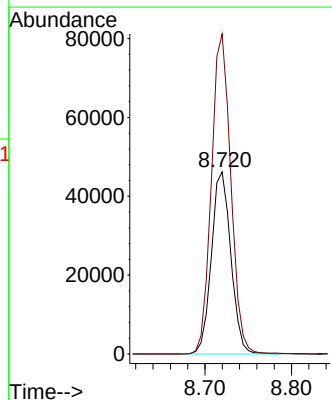
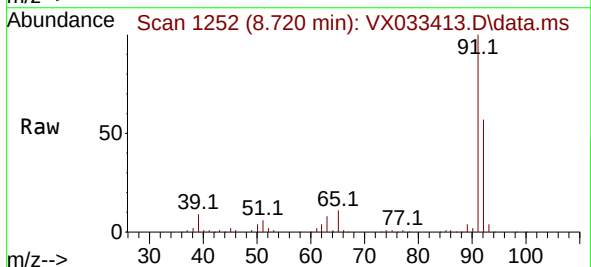
Manual Integrations
APPROVED

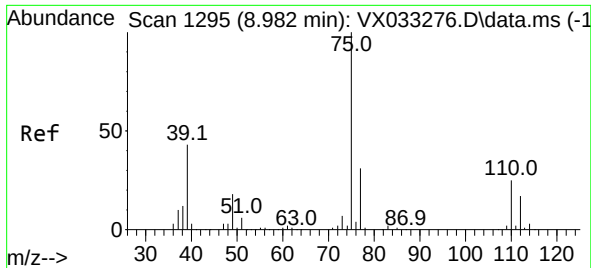
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 19.789 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Tgt Ion: 92 Resp: 72017
Ion Ratio Lower Upper
92 100
91 175.7 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 18.843 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 75 Resp: 39490

Ion Ratio Lower Upper

75 100

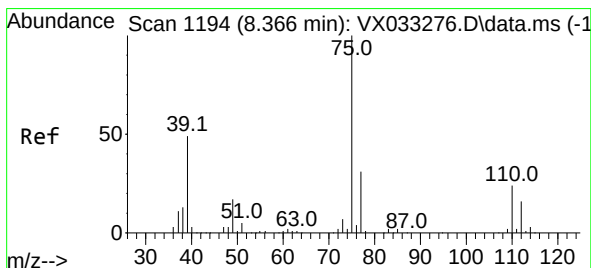
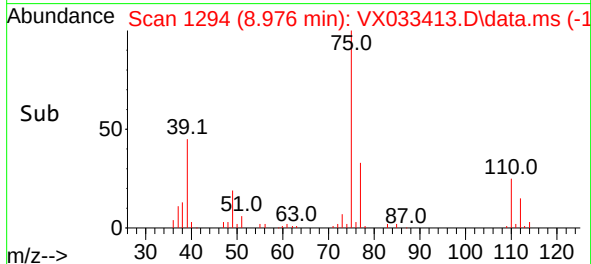
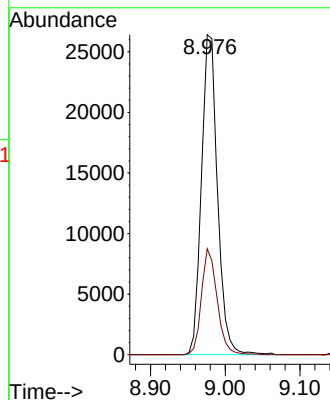
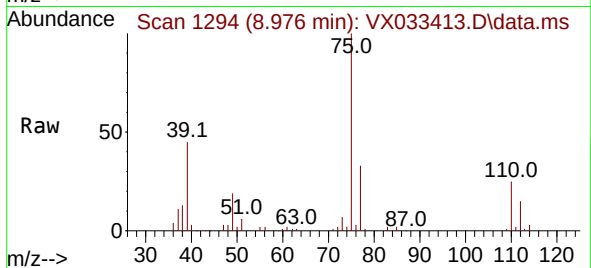
77 33.1 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#54

cis-1,3-Dichloropropene

Concen: 19.474 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

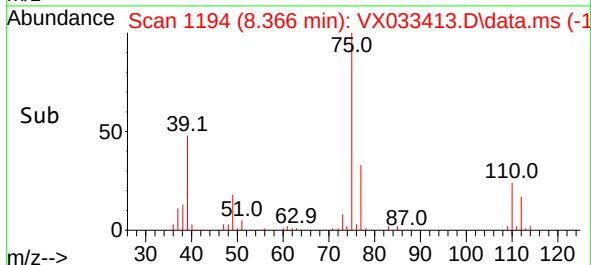
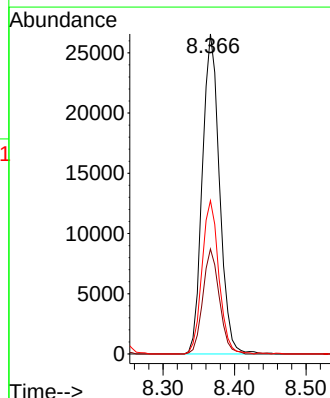
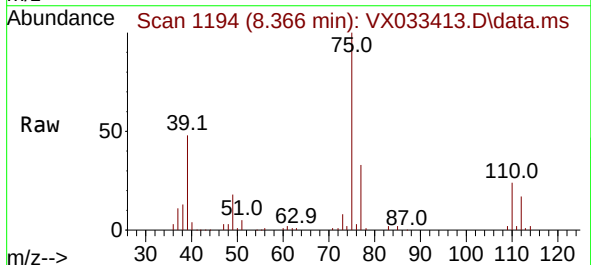
Tgt Ion: 75 Resp: 44297

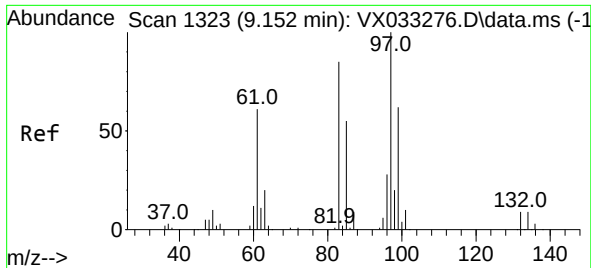
Ion Ratio Lower Upper

75 100

77 32.8 25.1 37.7

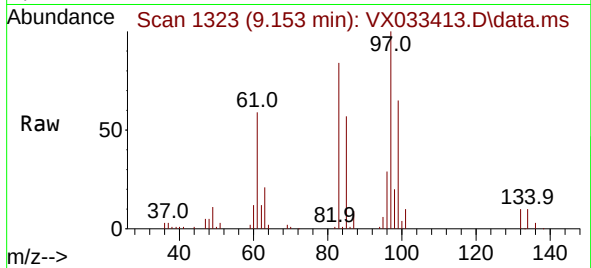
39 47.9 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 19.527 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

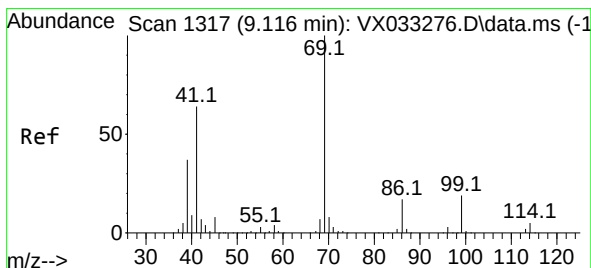
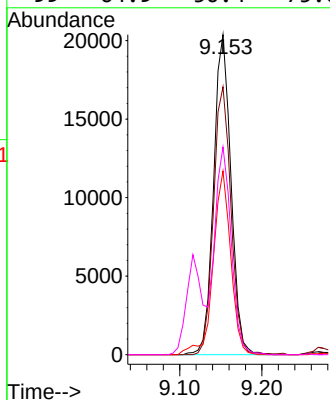
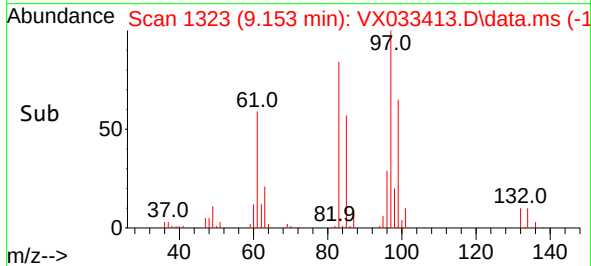
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.1	102.1
85	57.4	43.3	64.9
99	64.9	50.4	75.6

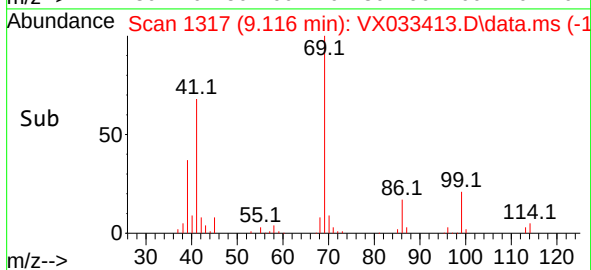
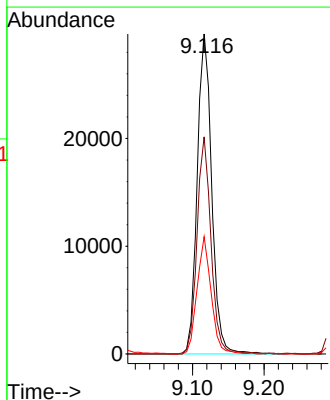
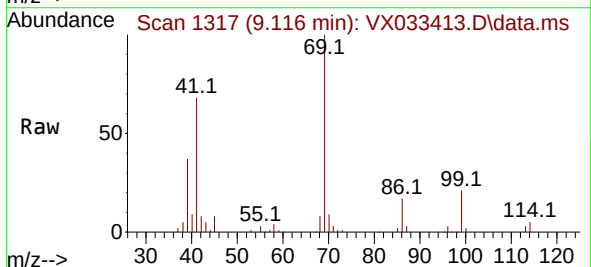
Manual Integrations
APPROVED

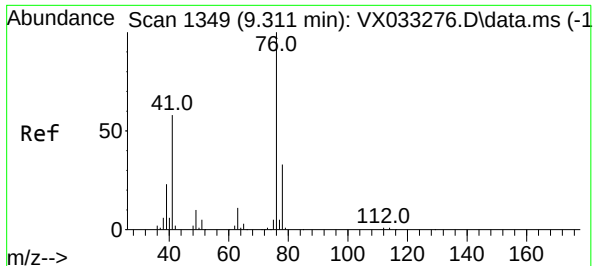
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#56
Ethyl methacrylate
Concen: 19.417 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.6	54.3	81.5
39	35.7	35.2	52.8





#57

1,3-Dichloropropane

Concen: 19.489 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 76 Resp: 47894

Ion Ratio Lower Upper

76 100

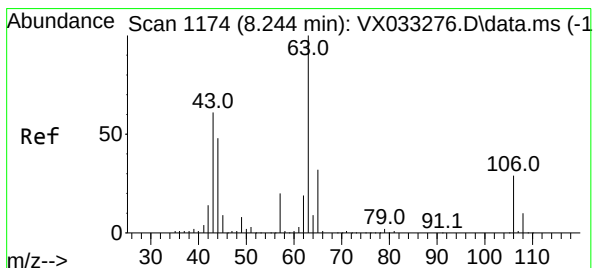
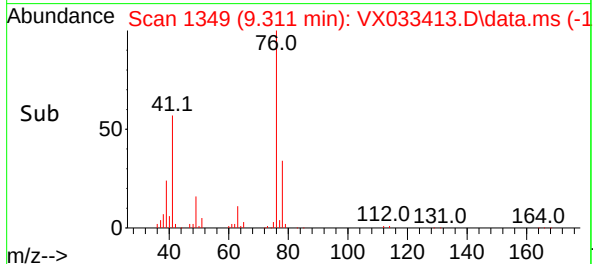
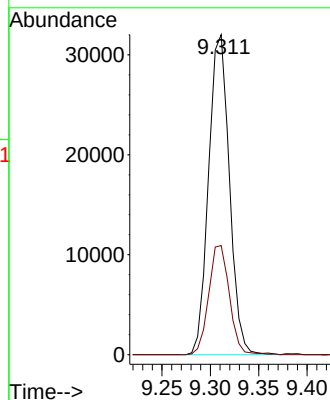
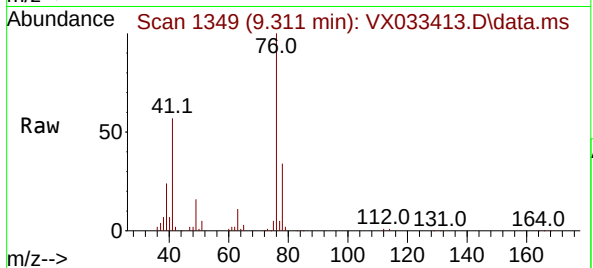
78 33.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 89.743 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033413.D

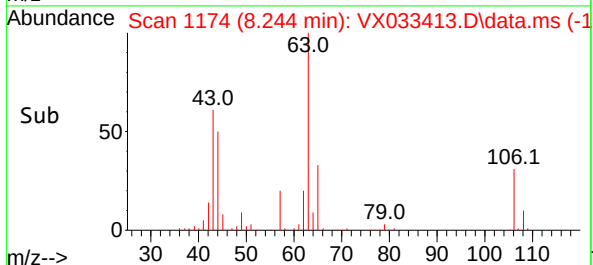
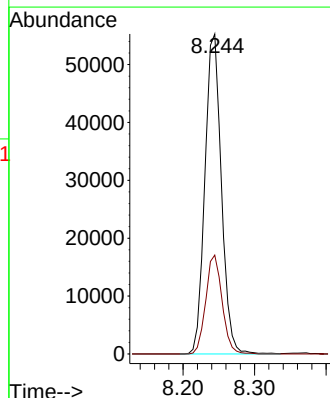
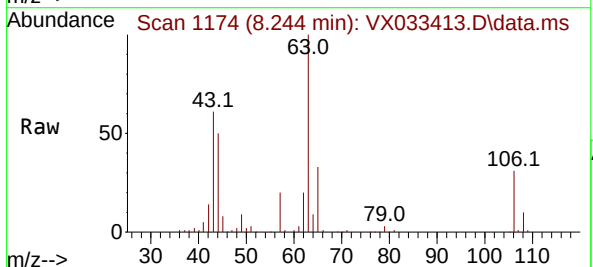
Acq: 14 Dec 2022 11:28

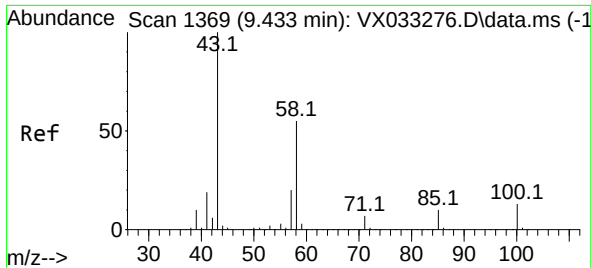
Tgt Ion: 63 Resp: 88445

Ion Ratio Lower Upper

63 100

106 30.7 23.3 34.9





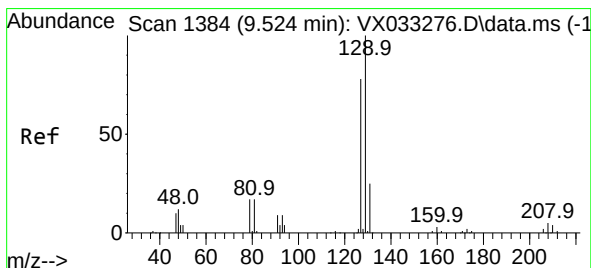
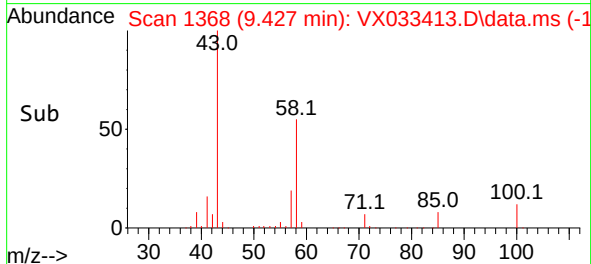
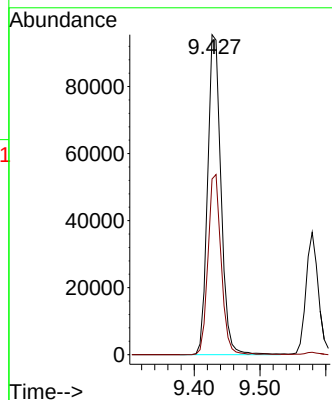
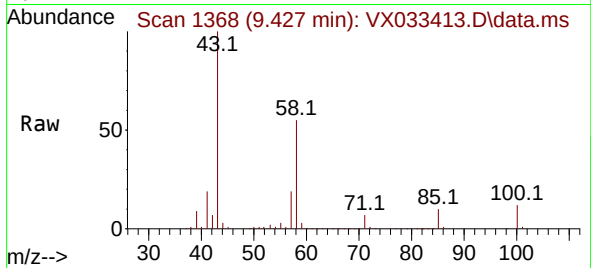
#59
2-Hexanone
Concen: 98.886 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 43 Resp: 13531
Ion Ratio Lower Upper
43 100
58 55.2 26.5 79.5

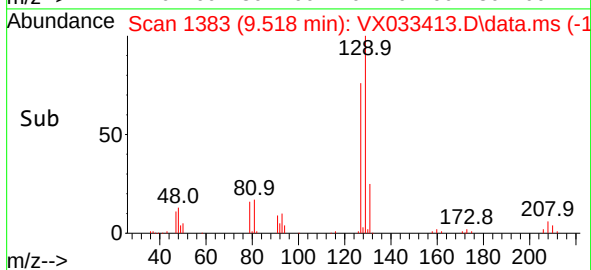
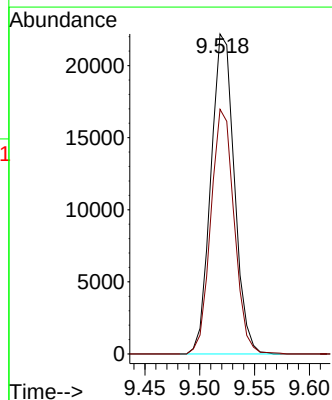
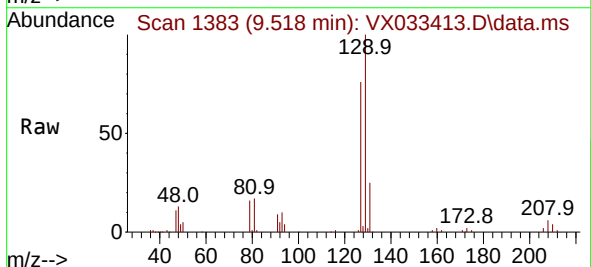
Manual Integrations
APPROVED

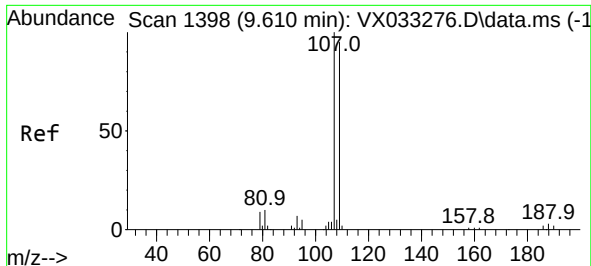
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#60
Dibromochloromethane
Concen: 19.582 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Tgt Ion:129 Resp: 33005
Ion Ratio Lower Upper
129 100
127 76.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.554 ug/l

RT: 9.610 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion:107 Resp: 31819

Ion Ratio Lower Upper

107 100

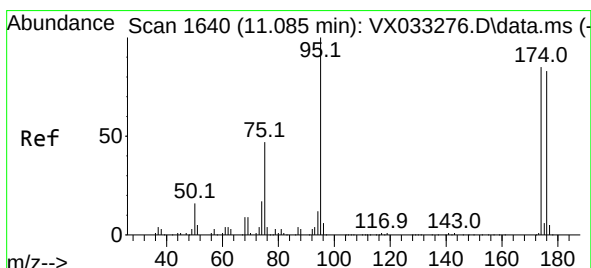
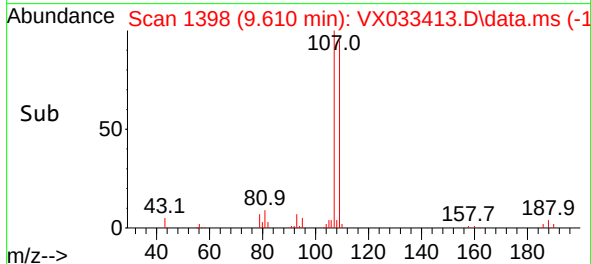
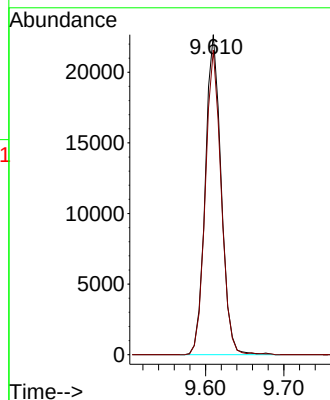
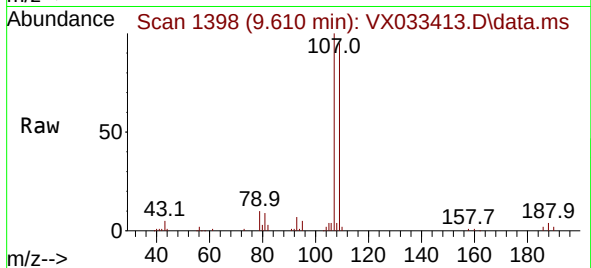
109 95.0 76.0 114.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#62

4-Bromofluorobenzene

Concen: 52.018 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

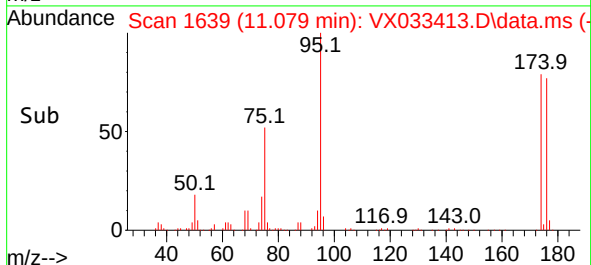
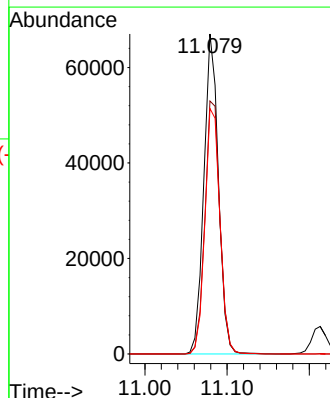
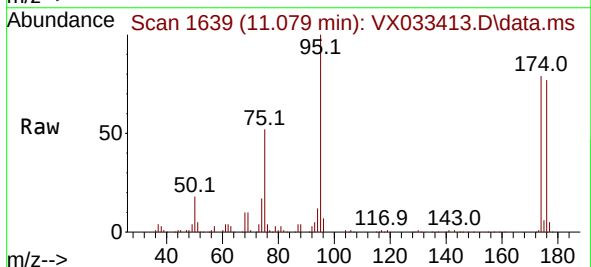
Tgt Ion: 95 Resp: 82387

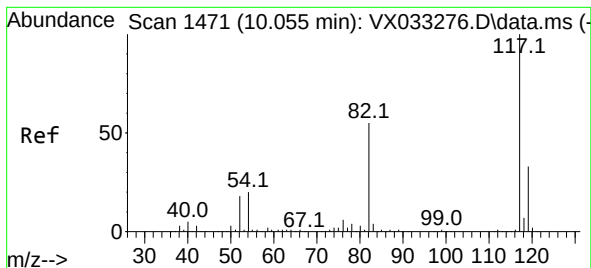
Ion Ratio Lower Upper

95 100

174 81.9 0.0 164.0

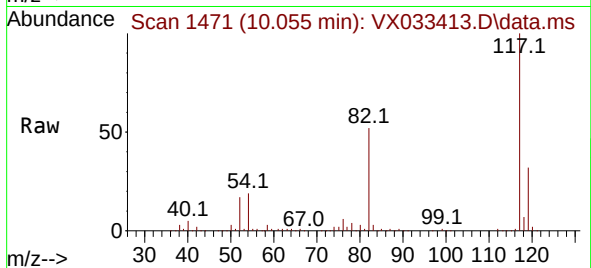
176 79.2 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

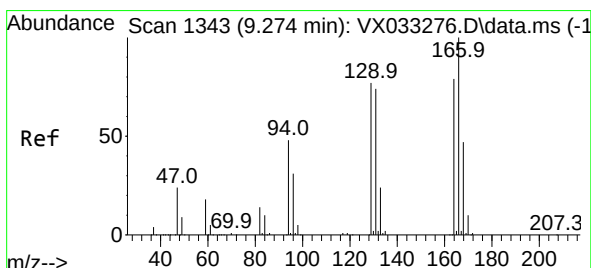
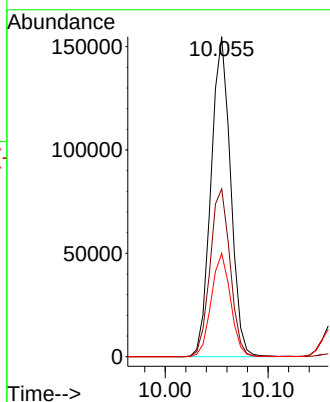
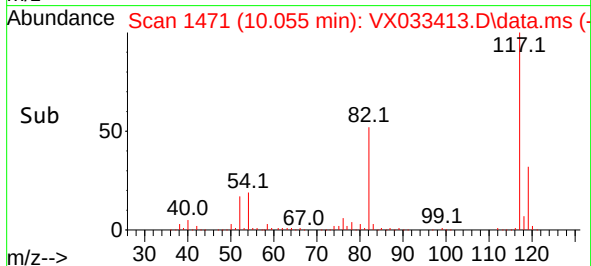
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



Tgt Ion:117 Resp: 20435
Ion Ratio Lower Upper
117 100
82 52.4 44.3 66.5
119 32.3 25.7 38.5

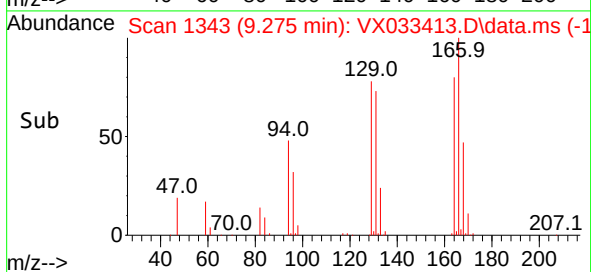
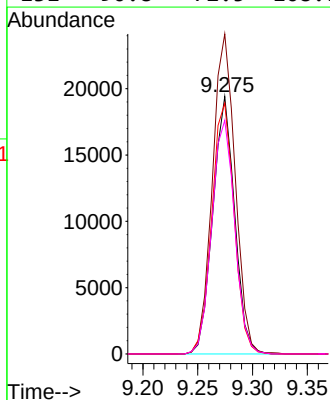
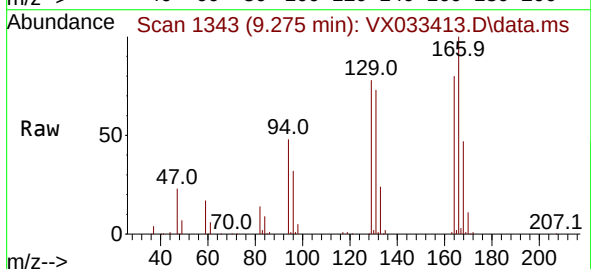
Manual Integrations
APPROVED

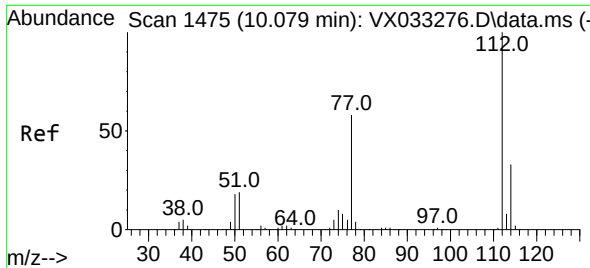
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#64
Tetrachloroethene
Concen: 19.196 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Tgt Ion:164 Resp: 26824
Ion Ratio Lower Upper
164 100
166 124.3 105.4 158.2
129 97.4 78.2 117.2
131 90.8 72.5 108.7





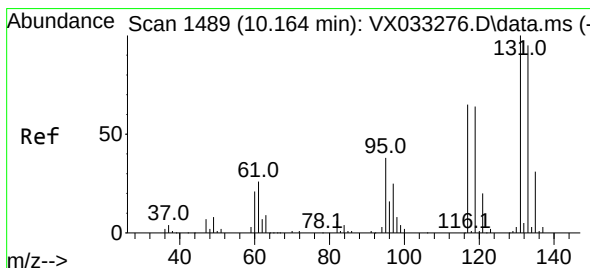
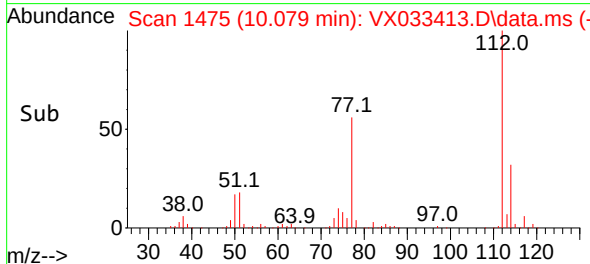
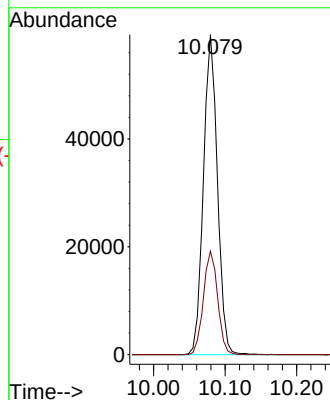
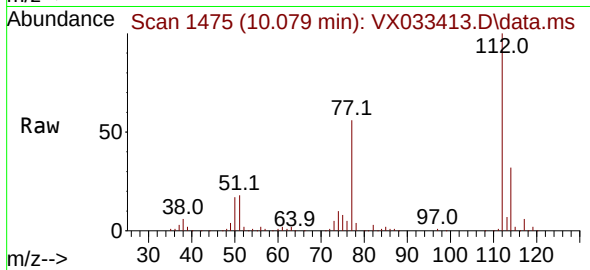
#65
Chlorobenzene
Concen: 19.501 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion:112 Resp: 8069
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

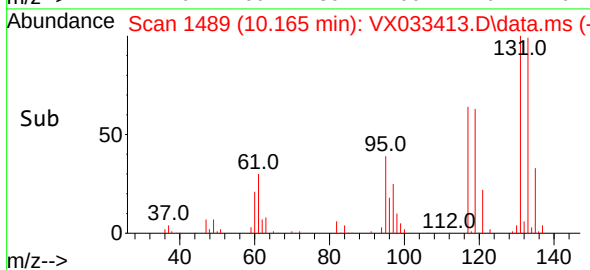
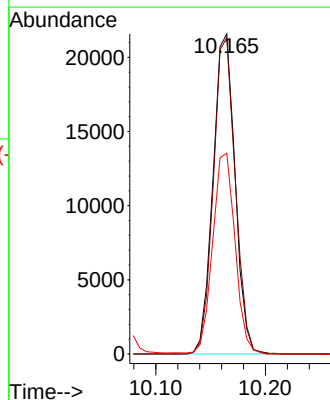
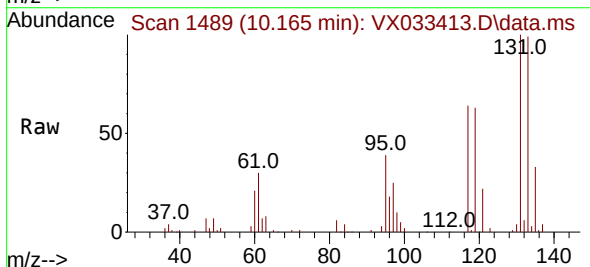
Manual Integrations
APPROVED

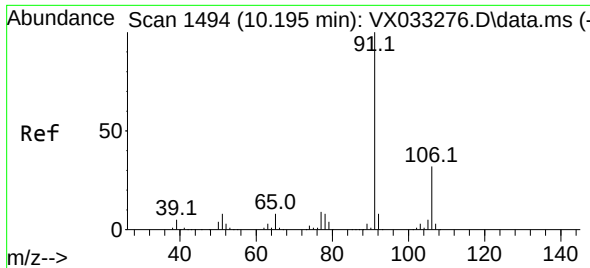
Reviewed By :John Carbone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.297 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

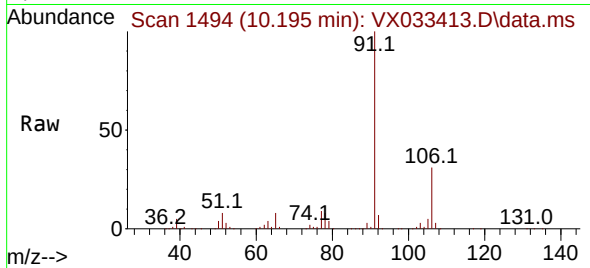
Tgt Ion:131 Resp: 30178
Ion Ratio Lower Upper
131 100
133 98.1 47.6 142.9
119 63.7 32.4 97.0





#67
Ethyl Benzene
Concen: 19.939 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

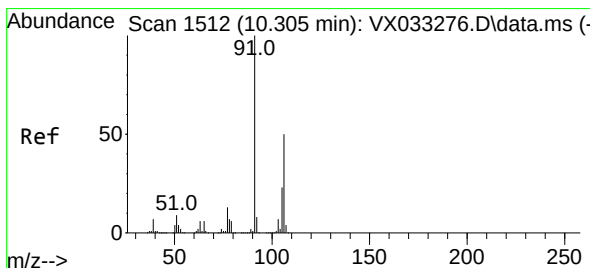
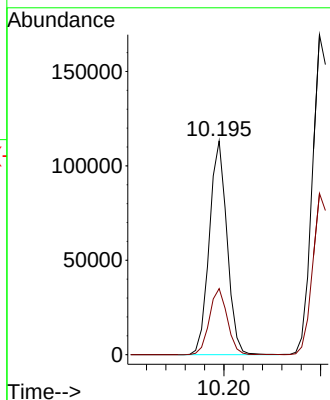
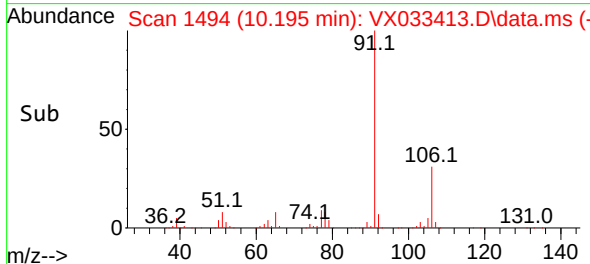
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



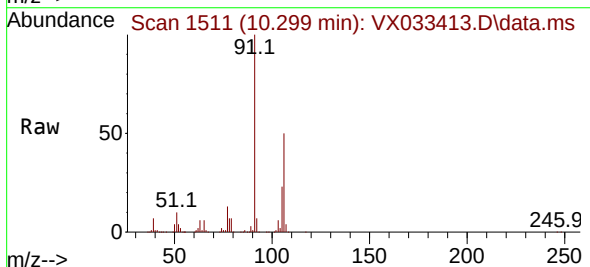
Tgt Ion: 91 Resp: 143748
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6

Manual Integrations
APPROVED

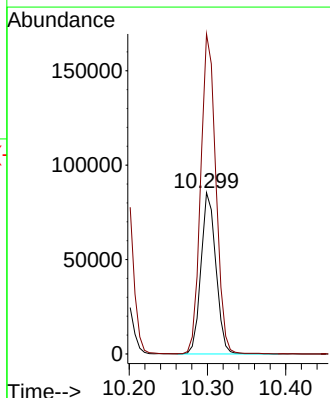
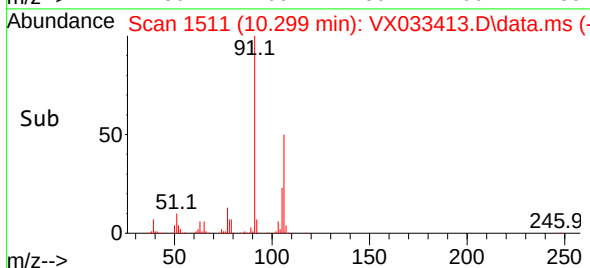
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

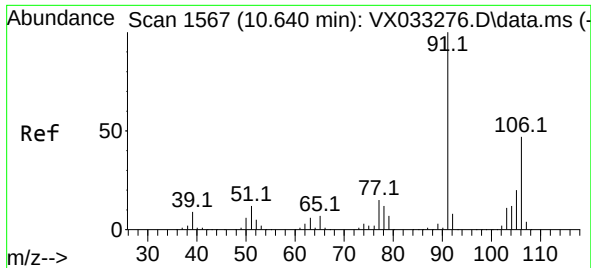


#68
m/p-Xylenes
Concen: 40.244 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28



Tgt Ion:106 Resp: 112882
Ion Ratio Lower Upper
106 100
91 201.7 164.5 246.7





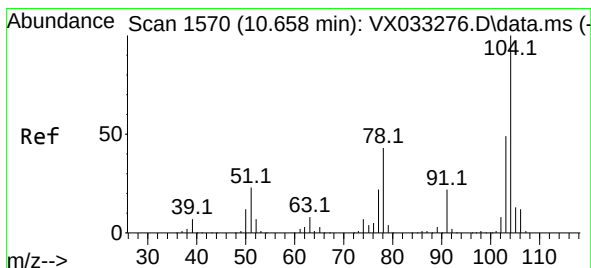
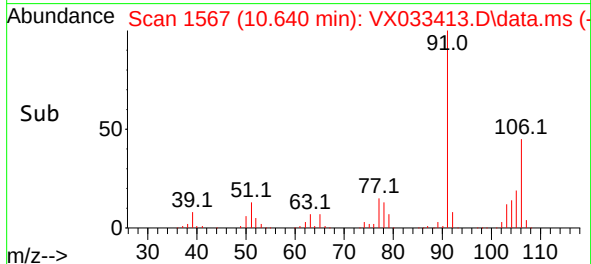
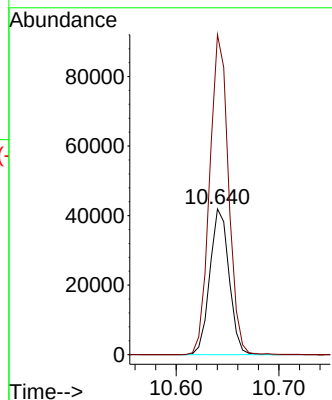
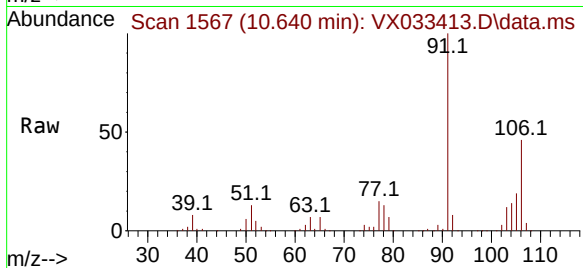
#69
o-Xylene
Concen: 19.672 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion:106 Resp: 54540
Ion Ratio Lower Upper
106 100
91 215.9 109.2 327.6

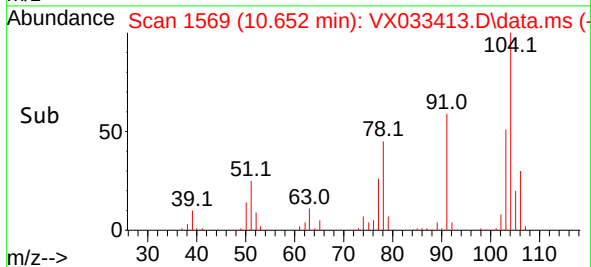
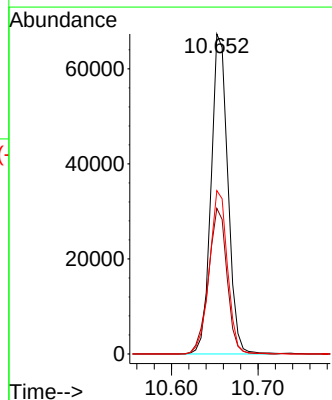
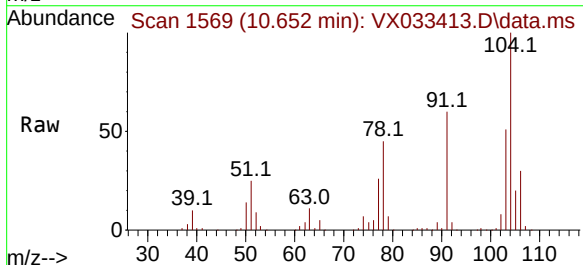
Manual Integrations
APPROVED

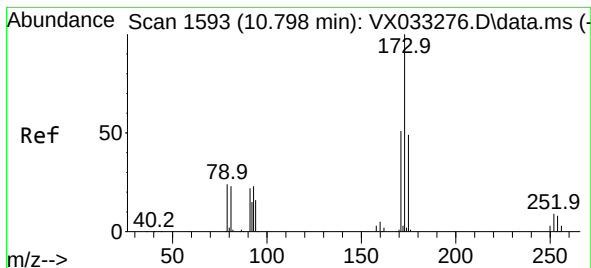
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 20.011 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Tgt Ion:104 Resp: 90863
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.8
103 55.0 44.5 66.7





#71

Bromoform

Concen: 18.767 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion:173 Resp: 2323

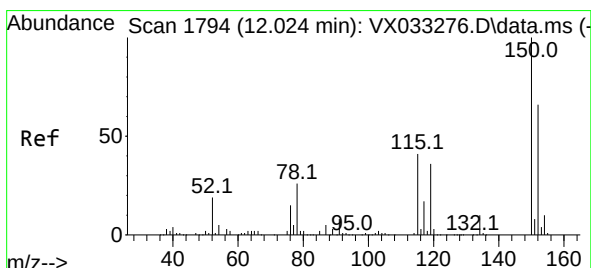
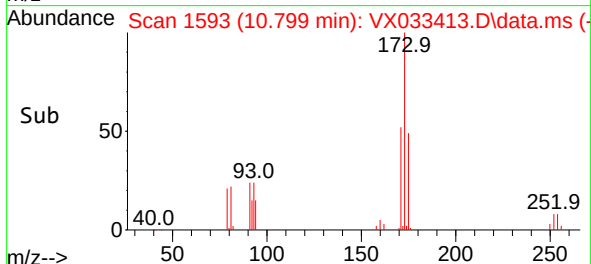
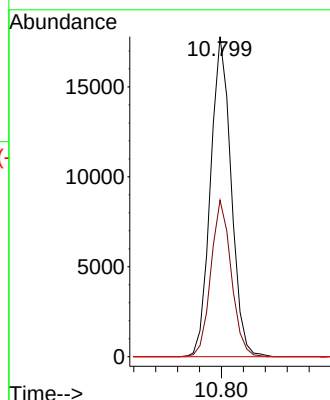
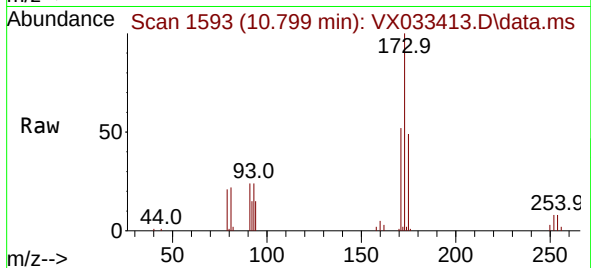
Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.9	71.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

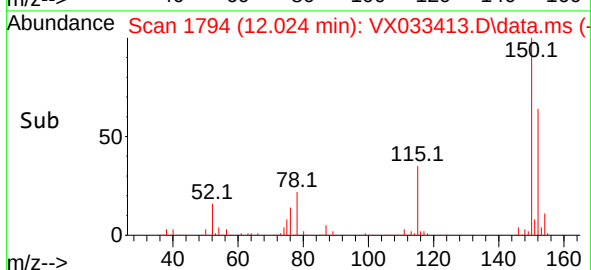
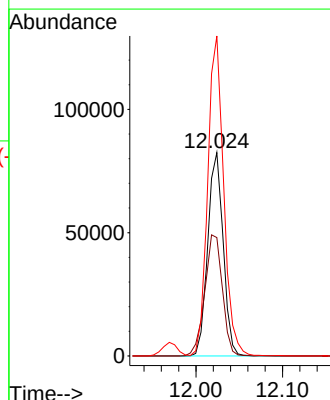
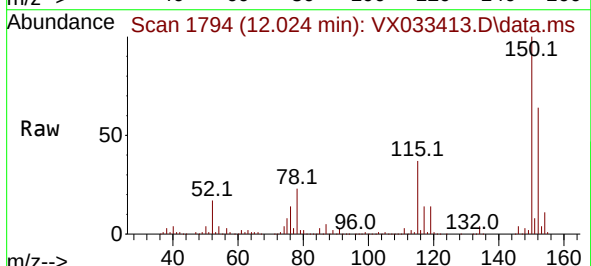
Delta R.T. 0.000 min

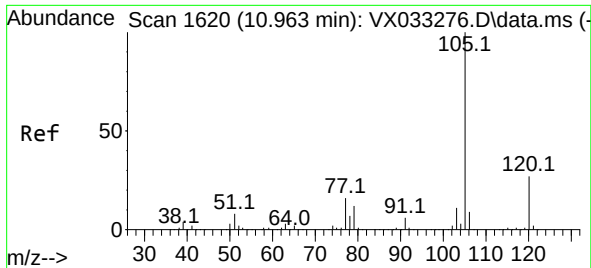
Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Tgt Ion:152 Resp: 102146

Ion	Ratio	Lower	Upper
152	100		
115	67.8	44.0	132.0
150	162.3	0.0	351.8





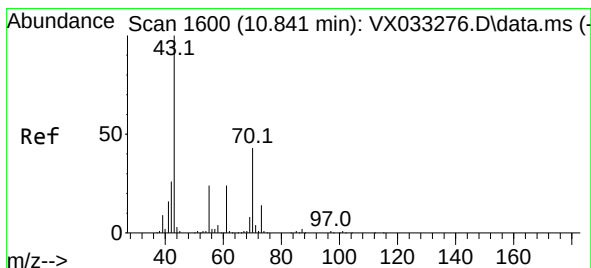
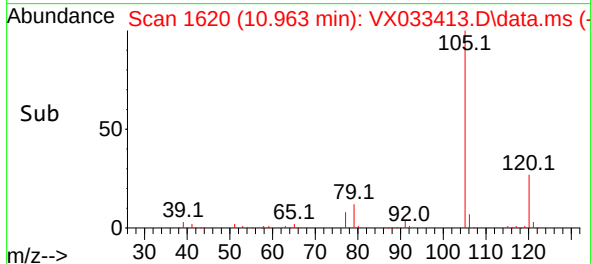
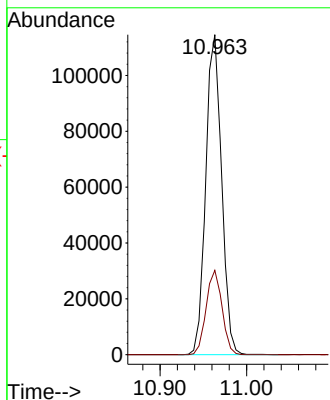
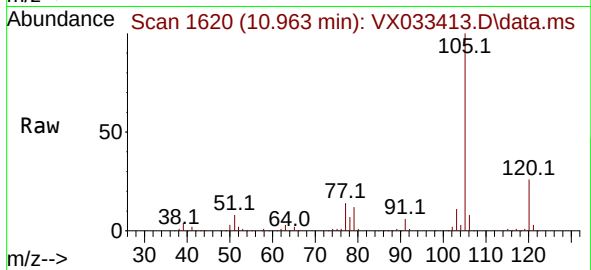
#73
Isopropylbenzene
Concen: 19.670 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion:105 Resp: 14563
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

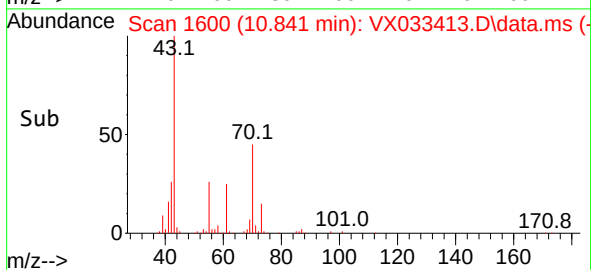
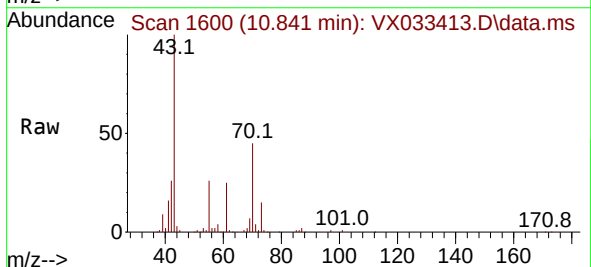
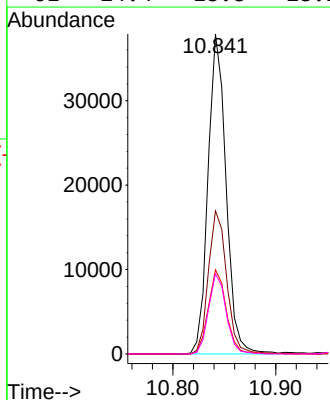
Manual Integrations
APPROVED

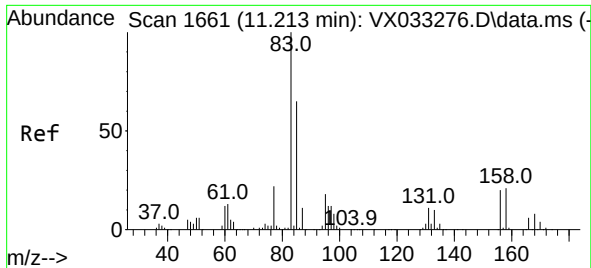
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#74
N-ethyl acetate
Concen: 18.319 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Tgt Ion: 43 Resp: 46273
Ion Ratio Lower Upper
43 100
70 45.6 33.6 50.4
55 26.6 19.4 29.2
61 24.4 18.8 28.2





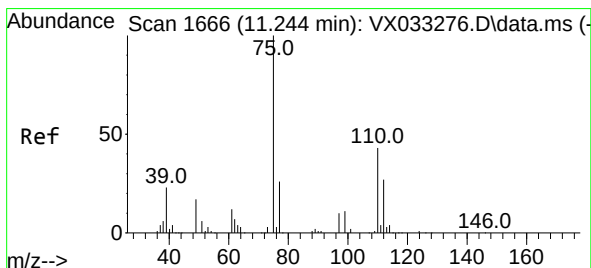
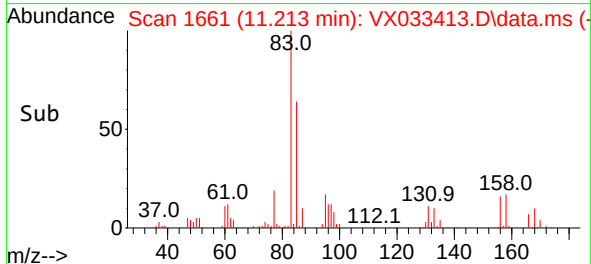
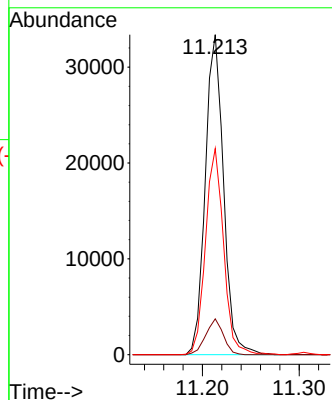
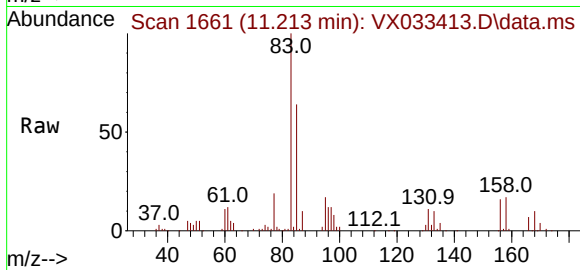
#75
1,1,2,2-Tetrachloroethane
Concen: 18.723 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 83 Resp: 43975
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 63.8 31.9 95.9

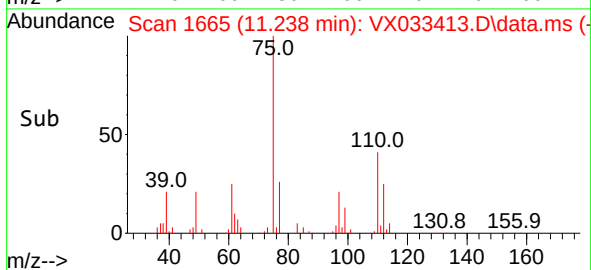
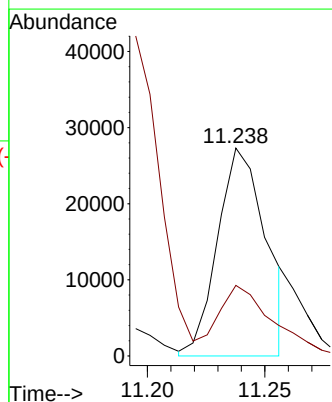
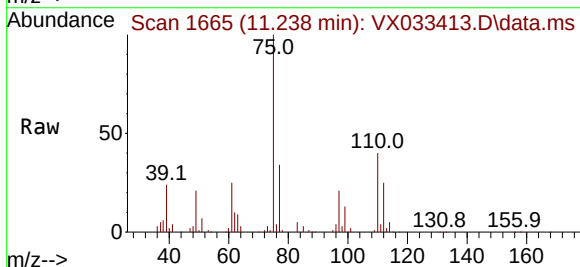
Manual Integrations
APPROVED

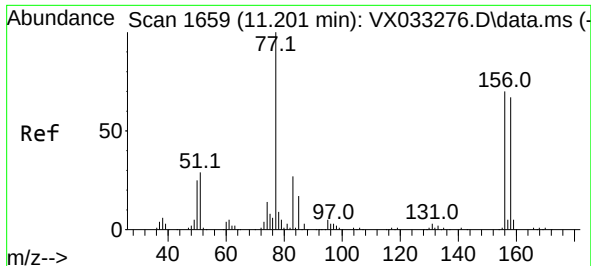
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#76
1,2,3-Trichloropropane
Concen: 18.812 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

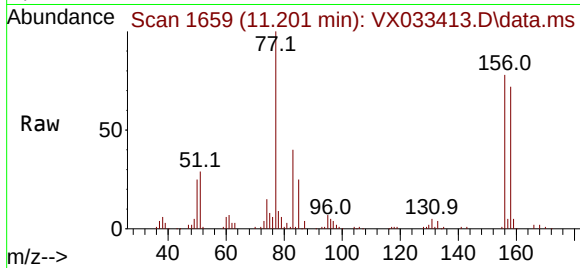
Tgt Ion: 75 Resp: 39094
Ion Ratio Lower Upper
75 100
77 38.9 20.0 60.0





#77
Bromobenzene
Concen: 19.071 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

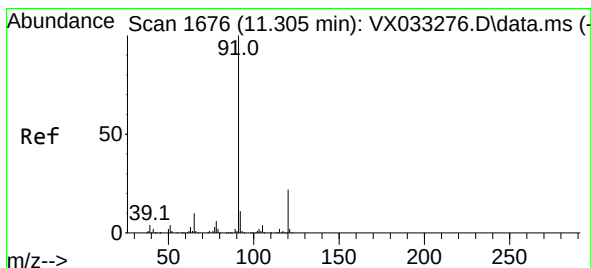
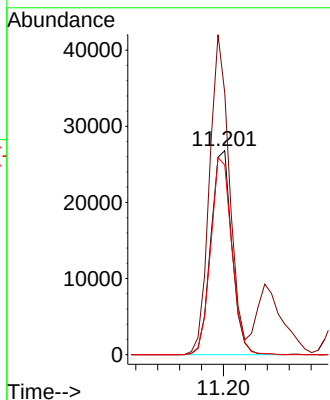
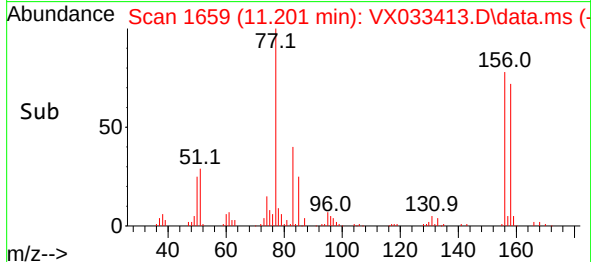
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



Tgt Ion:156 Resp: 35654
Ion Ratio Lower Upper
156 100
77 148.6 76.1 228.4
158 97.4 48.8 146.3

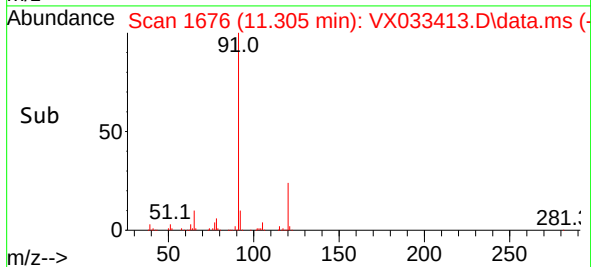
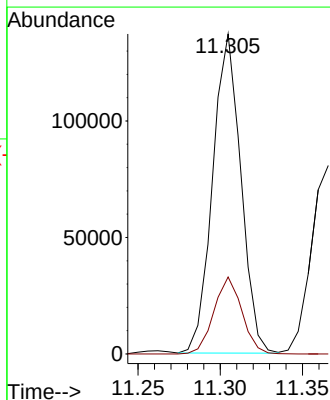
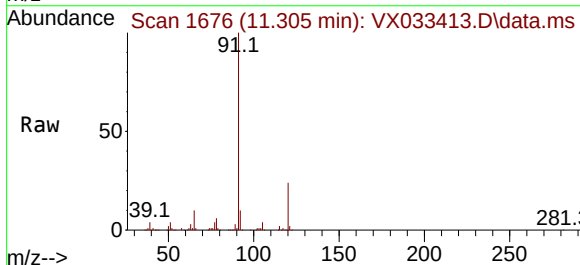
Manual Integrations
APPROVED

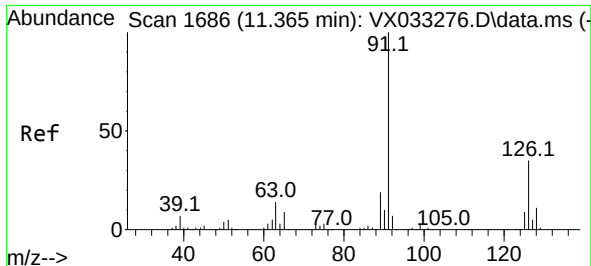
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#78
n-propylbenzene
Concen: 19.769 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Tgt Ion: 91 Resp: 163428
Ion Ratio Lower Upper
91 100
120 23.9 11.6 34.8





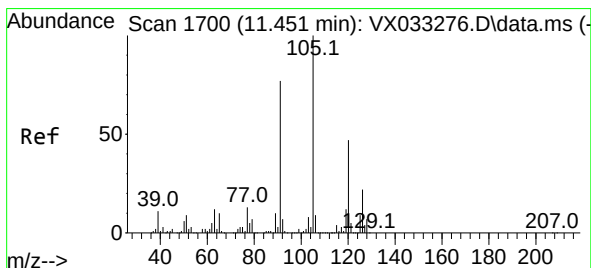
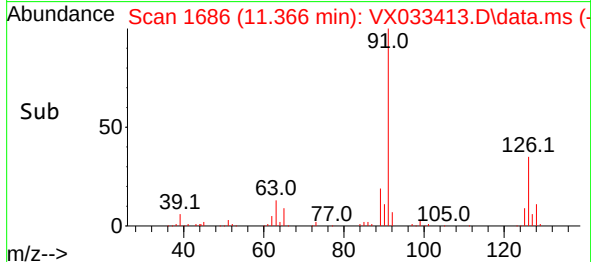
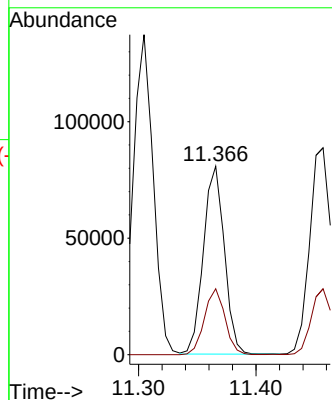
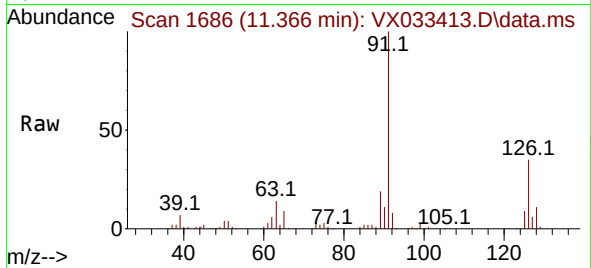
#79
2-Chlorotoluene
Concen: 19.582 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 91 Resp: 10004
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.2

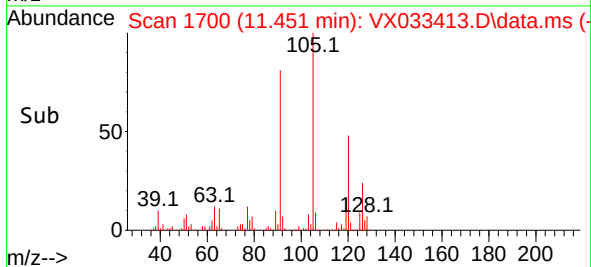
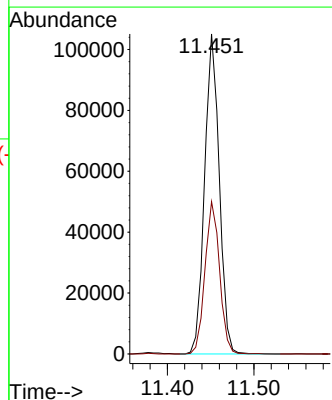
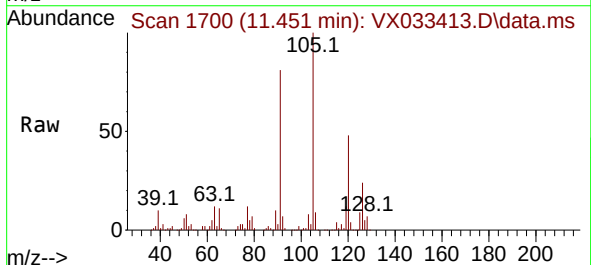
Manual Integrations
APPROVED

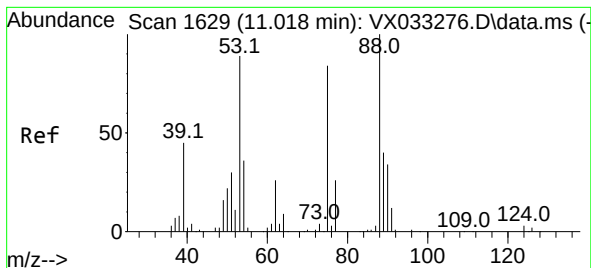
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.031 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Tgt Ion:105 Resp: 123450
Ion Ratio Lower Upper
105 100
120 47.5 23.6 71.0





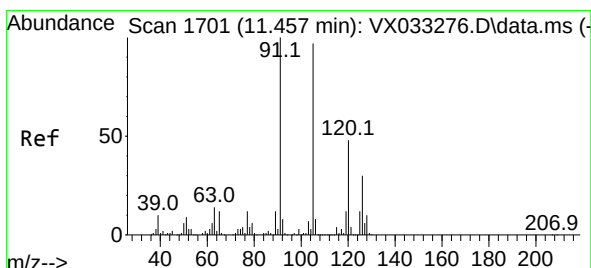
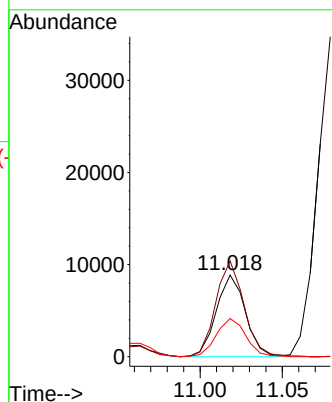
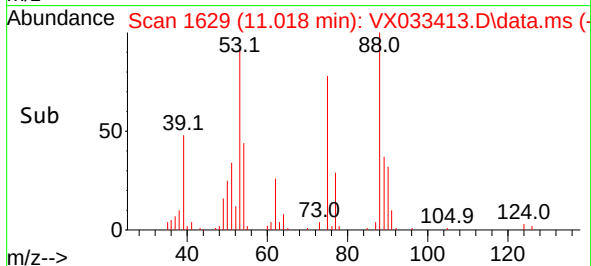
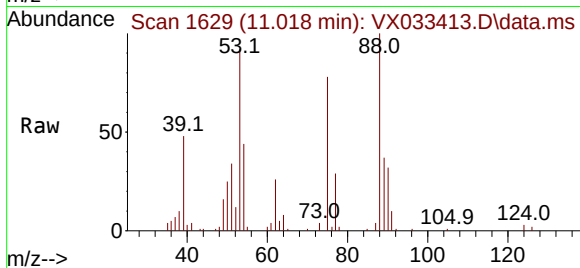
#81
trans-1,4-Dichloro-2-butene
Concen: 16.393 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 75 Resp: 10952
Ion Ratio Lower Upper
75 100
53 113.3 86.9 130.3
89 47.3 38.3 57.5

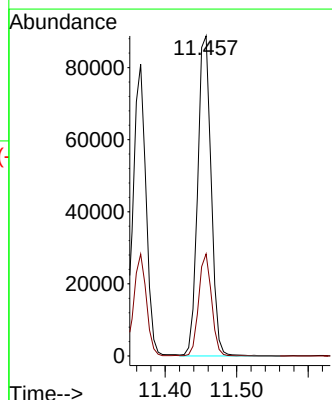
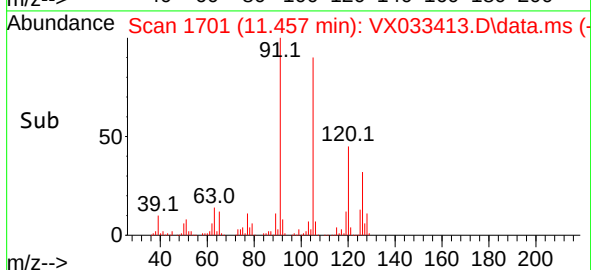
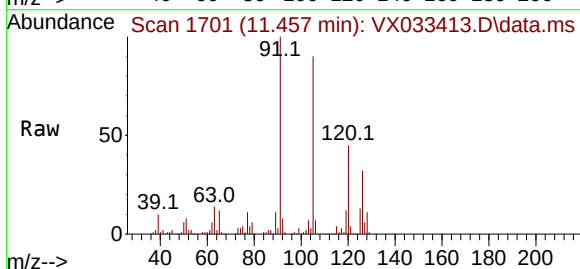
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APPROVED

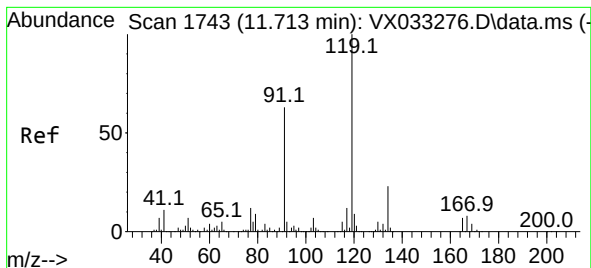
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#82
4-Chlorotoluene
Concen: 19.509 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Tgt Ion: 91 Resp: 115899
Ion Ratio Lower Upper
91 100
126 30.6 14.8 44.4





#83

tert-Butylbenzene

Concen: 19.342 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion:119 Resp: 11886

Ion Ratio Lower Upper

119 100

91 59.3 29.4 88.2

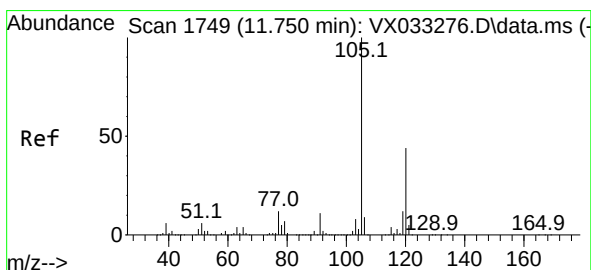
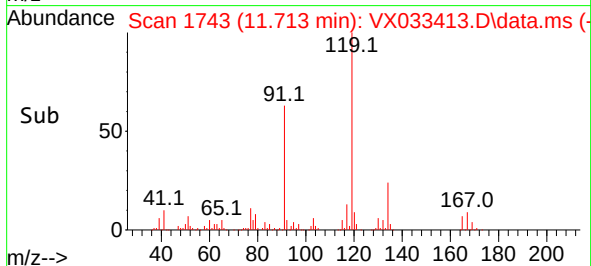
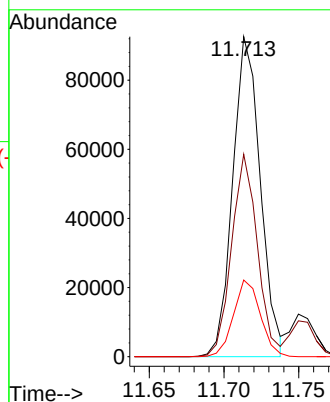
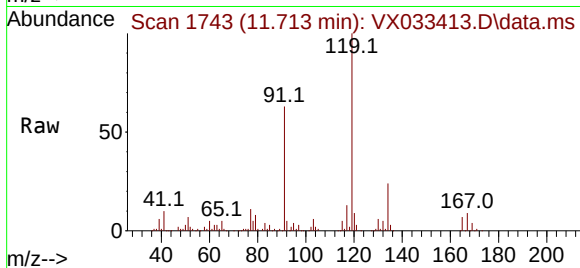
134 23.3 11.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#84

1,2,4-Trimethylbenzene

Concen: 19.818 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033413.D

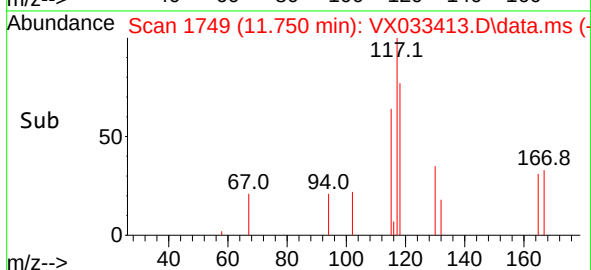
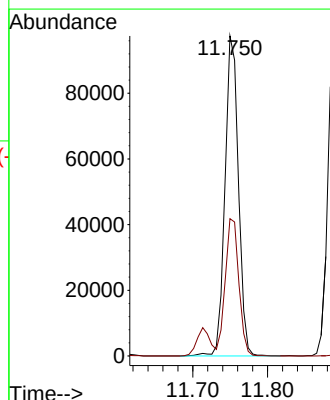
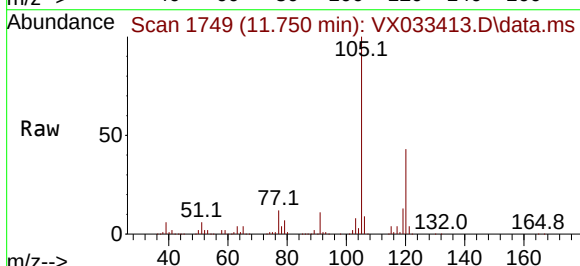
Acq: 14 Dec 2022 11:28

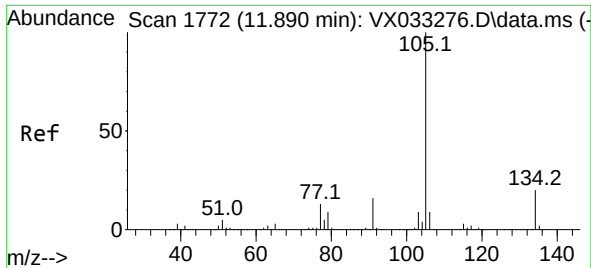
Tgt Ion:105 Resp: 121913

Ion Ratio Lower Upper

105 100

120 43.4 21.9 65.5





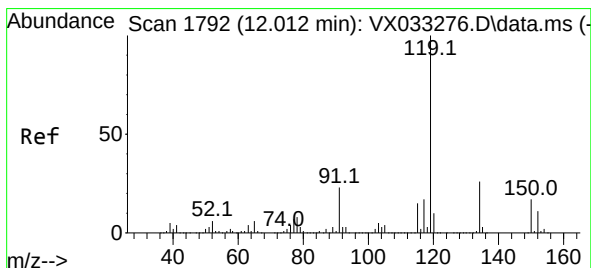
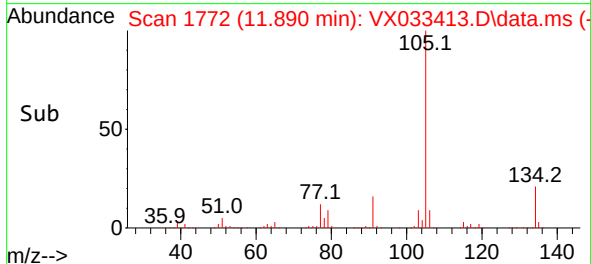
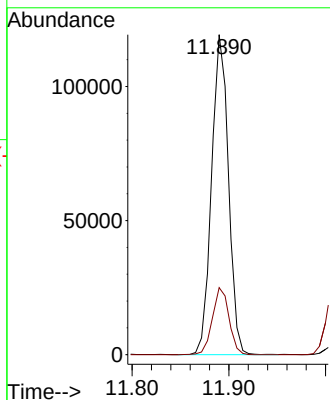
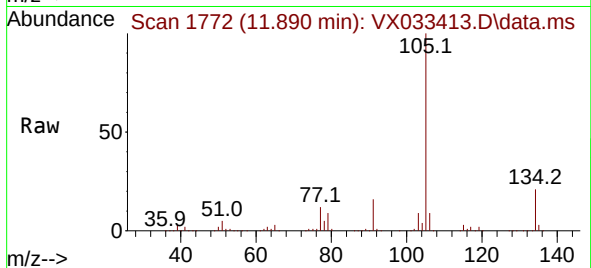
#85
 sec-Butylbenzene
 Concen: 20.127 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033413.D
 Acq: 14 Dec 2022 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01

Tgt Ion:105 Resp: 144310
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.9 29.7

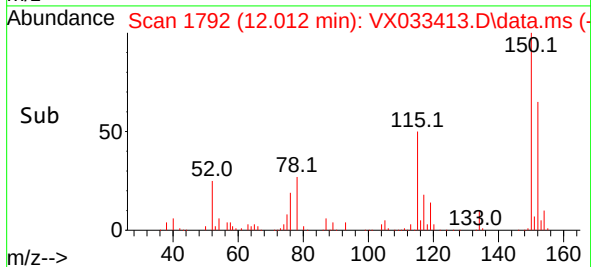
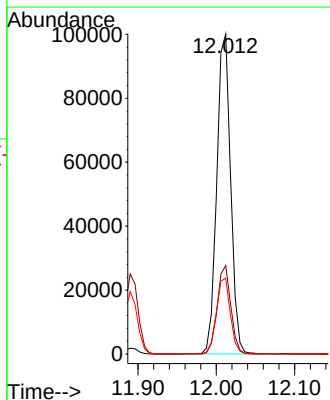
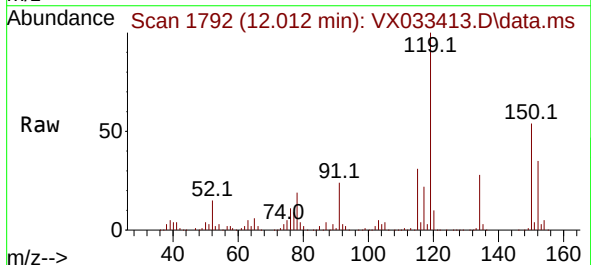
Manual Integrations
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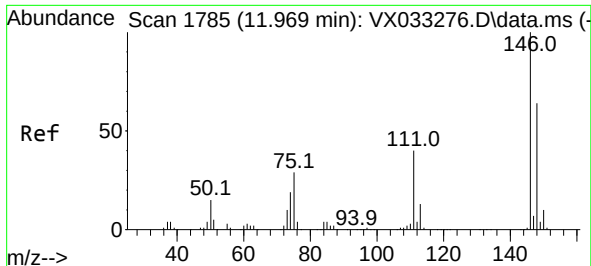
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#86
 p-Isopropyltoluene
 Concen: 19.953 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033413.D
 Acq: 14 Dec 2022 11:28

Tgt Ion:119 Resp: 123344
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.9 38.7
 91 23.9 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 19.560 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion:146 Resp: 6624

Ion Ratio Lower Upper

146 100

111 39.4 20.6 61.8

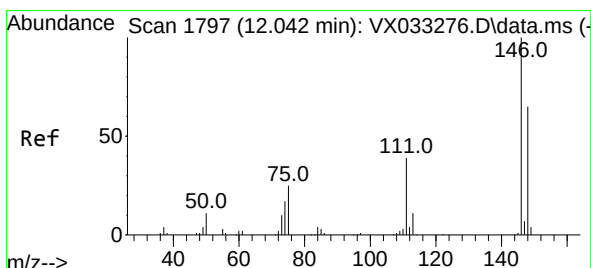
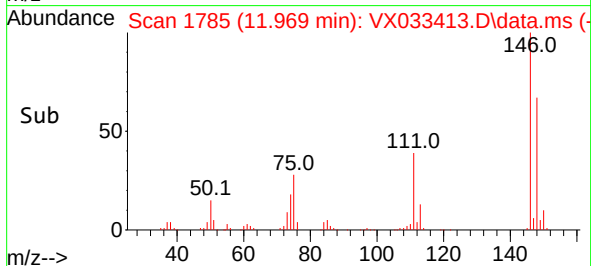
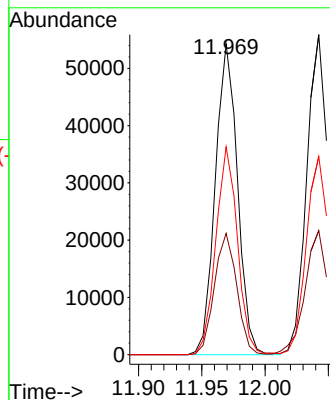
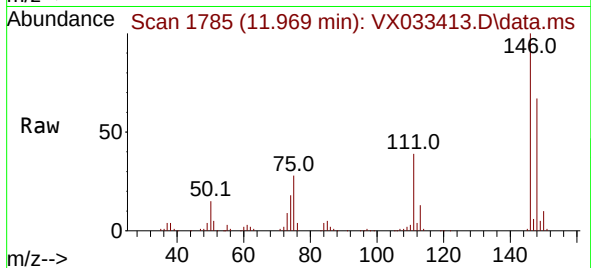
148 65.2 31.7 95.1

Manual Integrations

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#88

1,4-Dichlorobenzene

Concen: 19.381 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033413.D

Acq: 14 Dec 2022 11:28

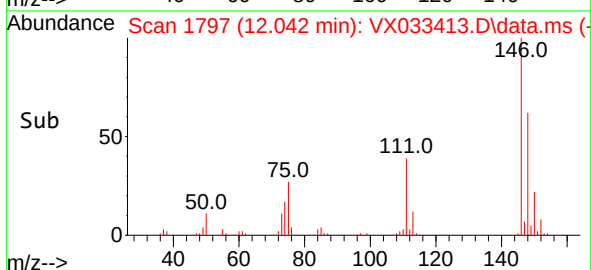
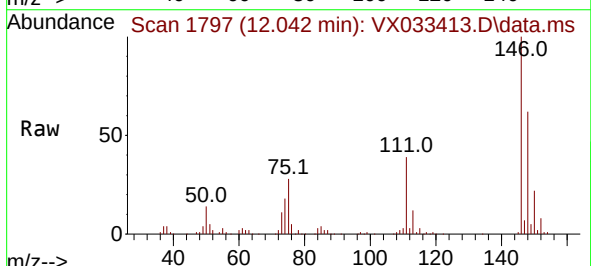
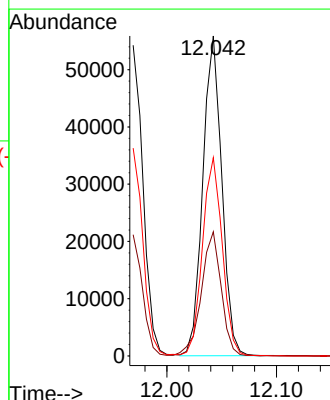
Tgt Ion:146 Resp: 67043

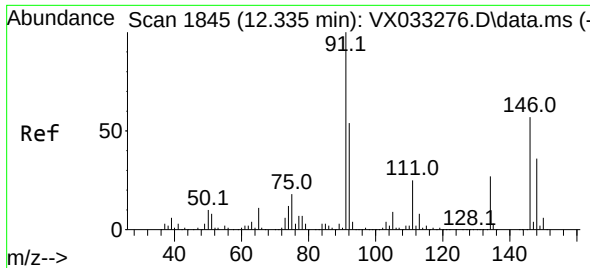
Ion Ratio Lower Upper

146 100

111 40.7 20.5 61.6

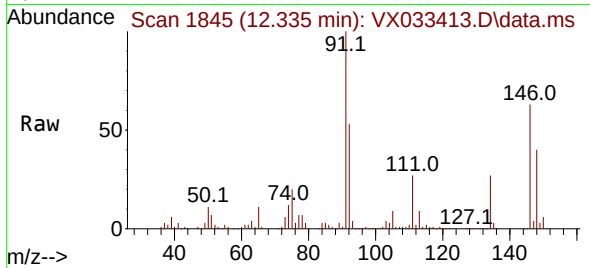
148 64.8 32.2 96.6





#89
n-Butylbenzene
Concen: 20.051 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

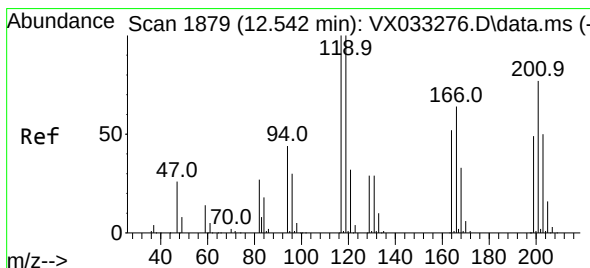
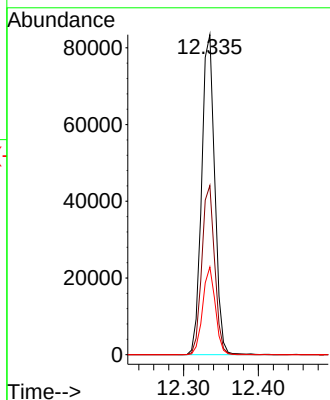
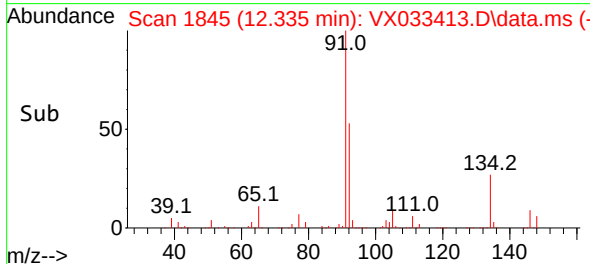
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



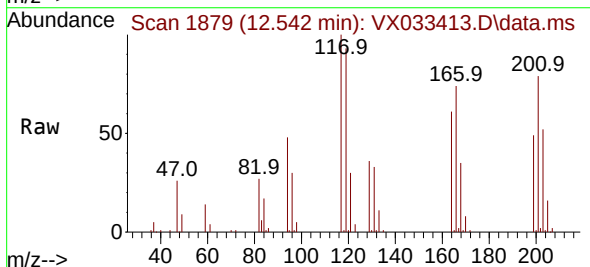
Tgt Ion: 91 Resp: 101519
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.6
134 26.4 12.9 38.6

Manual Integrations
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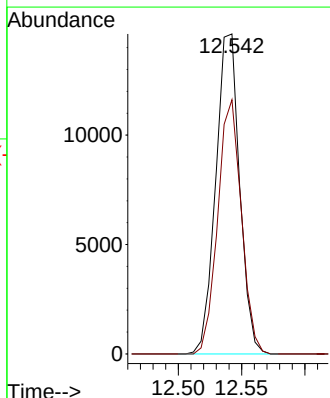
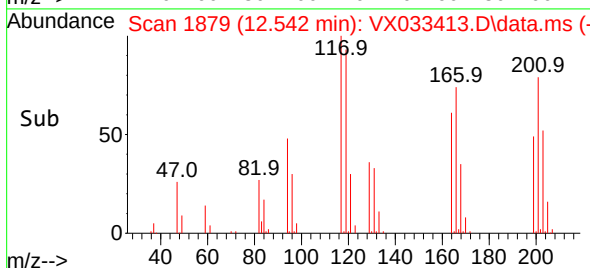
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

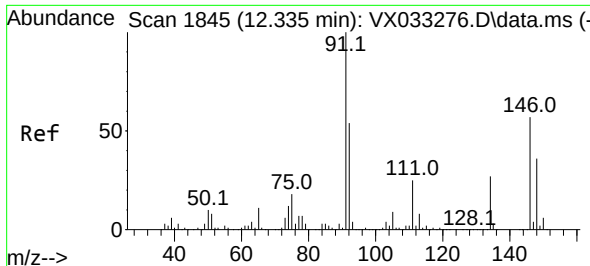


#90
Hexachloroethane
Concen: 18.265 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28



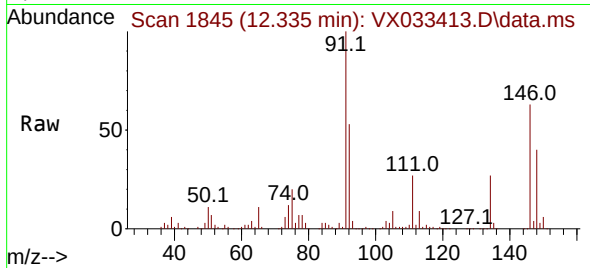
Tgt Ion:117 Resp: 19193
Ion Ratio Lower Upper
117 100
201 78.4 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 19.104 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

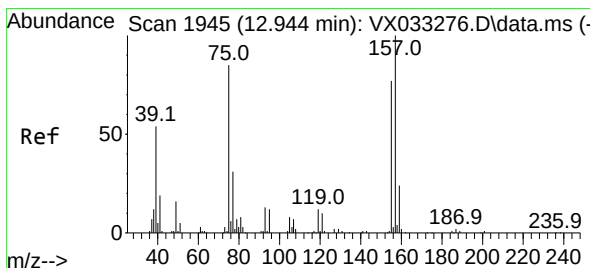
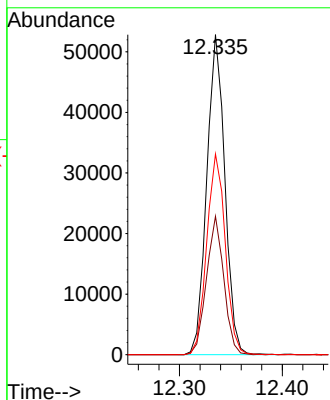
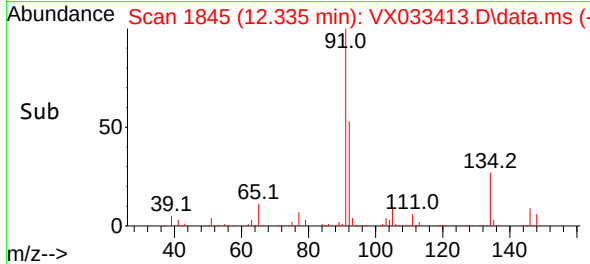
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



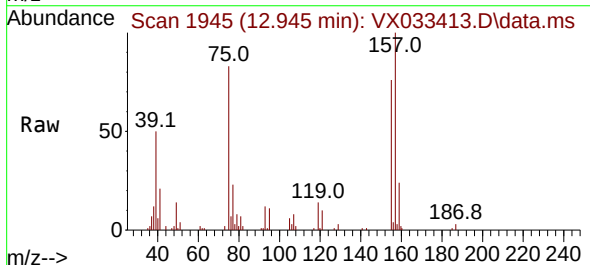
Tgt Ion:146 Resp: 6468
Ion Ratio Lower Upper
146 100
111 41.7 21.5 64.5
148 64.4 32.0 96.2

Manual Integrations
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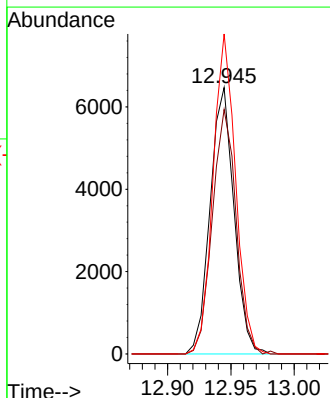
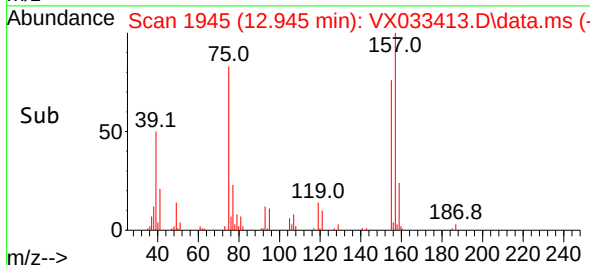
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

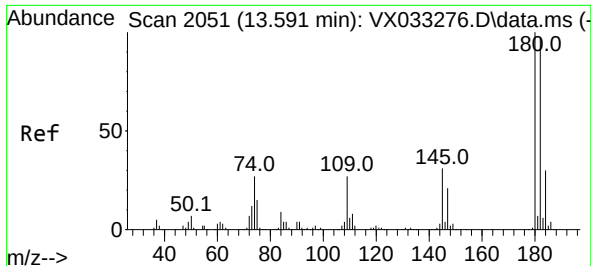


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.711 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28



Tgt Ion: 75 Resp: 8478
Ion Ratio Lower Upper
75 100
155 91.2 41.6 124.8
157 113.4 54.1 162.4





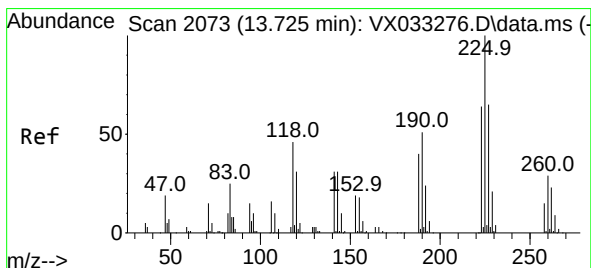
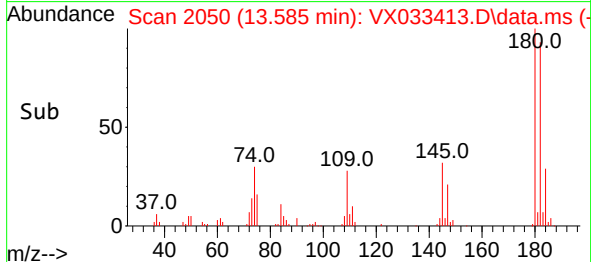
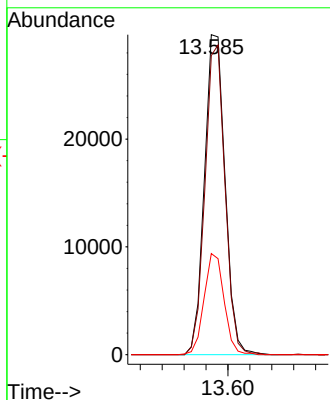
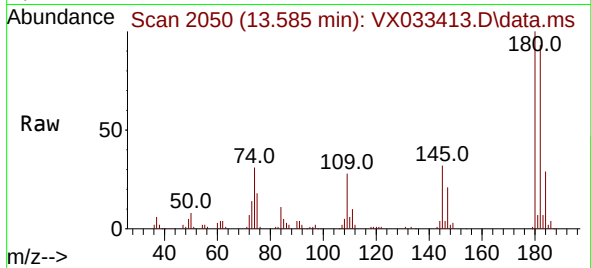
#93
1,2,4-Trichlorobenzene
Concen: 18.978 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion:180 Resp: 3880
Ion Ratio Lower Upper
180 100
182 93.9 48.4 145.0
145 30.6 16.2 48.5

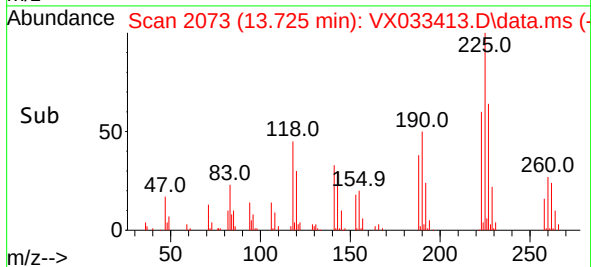
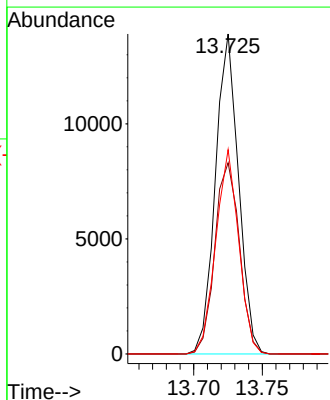
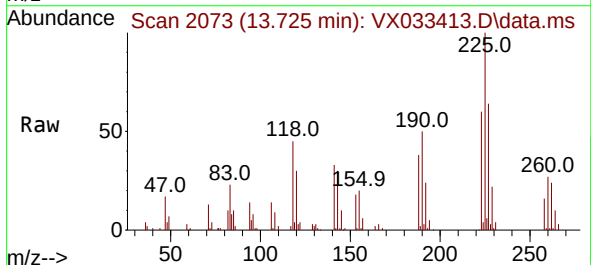
Manual Integrations
APPROVED

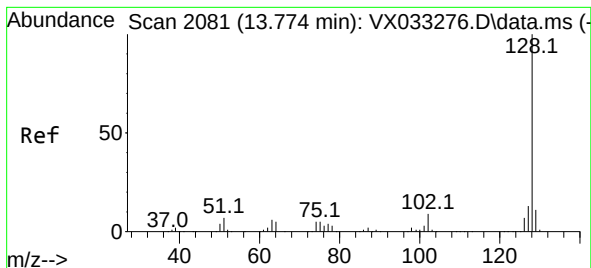
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#94
Hexachlorobutadiene
Concen: 19.889 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

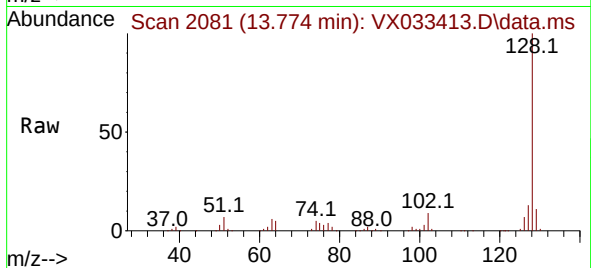
Tgt Ion:225 Resp: 16286
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.9
227 63.4 31.9 95.5





#95
Naphthalene
Concen: 18.493 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28

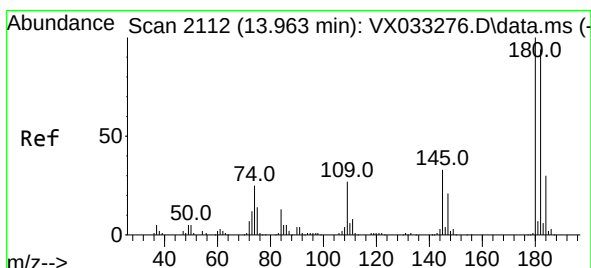
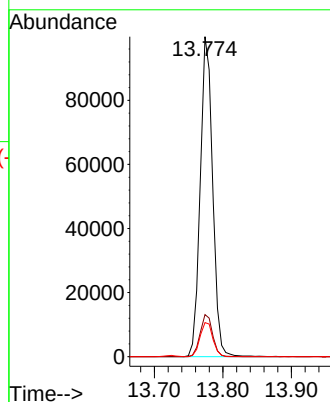
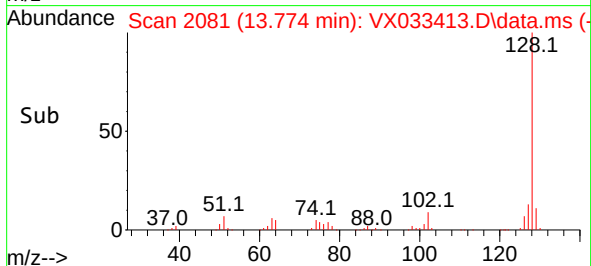
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



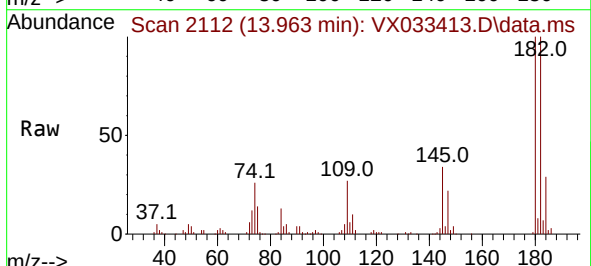
Tgt Ion:128 Resp: 126140
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.723 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033413.D
Acq: 14 Dec 2022 11:28



Tgt Ion:180 Resp: 38776
Ion Ratio Lower Upper
180 100
182 97.6 47.5 142.6
145 33.4 16.9 50.6

