

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033474.D
 Acq On : 19 Dec 2022 11:14
 Operator : JC/MD
 Sample : VX1219WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBS01

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 04:59:20 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	131531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204751	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36131	42.818	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.640%		
35) Dibromofluoromethane	5.391	113	40733	44.230	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.460%		
50) Toluene-d8	8.647	98	86798	45.054	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.100%#		
62) 4-Bromofluorobenzene	11.079	95	72121	48.960	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	16861	18.351	ug/l	97
3) Chloromethane	1.295	50	17583	16.551	ug/l	100
4) Vinyl Chloride	1.374	62	20427	16.840	ug/l	97
5) Bromomethane	1.618	94	12409	13.940	ug/l	97
6) Chloroethane	1.691	64	13512	14.686	ug/l	99
7) Trichlorofluoromethane	1.892	101	30771	13.512	ug/l	97
8) Diethyl Ether	2.136	74	10901	13.253	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	24012	19.877	ug/l	98
10) Methyl Iodide	2.453	142	25188	19.038	ug/l	96
11) Tert butyl alcohol	3.002	59	18456	71.540	ug/l #	90
12) 1,1-Dichloroethene	2.325	96	22579	18.935	ug/l	94
13) Acrolein	2.239	56	20459	73.121	ug/l	99
14) Allyl chloride	2.666	41	34186	17.952	ug/l	97
15) Acrylonitrile	3.069	53	57867	90.551	ug/l	97
16) Acetone	2.392	43	62225	99.655	ug/l	99
17) Carbon Disulfide	2.514	76	50463	16.489	ug/l	98
18) Methyl Acetate	2.709	43	34167	18.902	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	78052	18.897	ug/l	98
20) Methylene Chloride	2.794	84	25400	18.240	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	23977	18.382	ug/l	98
22) Diisopropyl ether	3.758	45	76482	18.746	ug/l #	86
23) Vinyl Acetate	3.721	43	290665	91.788	ug/l	99
24) 1,1-Dichloroethane	3.611	63	45053	18.794	ug/l	98
25) 2-Butanone	4.562	43	82673	92.240	ug/l	100
26) 2,2-Dichloropropane	4.477	77	36072	20.462	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	29433	18.881	ug/l	96
28) Bromochloromethane	4.891	49	18001	17.939	ug/l	93
29) Tetrahydrofuran	5.007	42	49927	85.977	ug/l	98
30) Chloroform	5.093	83	50792	19.085	ug/l	96
31) Cyclohexane	5.477	56	37376	18.638	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	45705	19.961	ug/l	99
36) 1,1-Dichloropropene	5.696	75	35449	19.743	ug/l	100
37) Ethyl Acetate	4.715	43	31356	18.474	ug/l	98
38) Carbon Tetrachloride	5.678	117	40384	20.075	ug/l	96
39) Methylcyclohexane	7.385	83	39591	19.700	ug/l	96
40) Benzene	6.044	78	102269	19.535	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17843	19.078	ug/l	98
42) 1,2-Dichloroethane	6.092	62	40876	19.663	ug/l	99
43) Isopropyl Acetate	6.342	43	50427	18.465	ug/l	98
44) Trichloroethene	7.123	130	28299	19.606	ug/l	97
45) 1,2-Dichloropropane	7.434	63	26158	19.538	ug/l	99
46) Dibromomethane	7.586	93	19949	19.560	ug/l	99
47) Bromodichloromethane	7.824	83	38858	19.545	ug/l	95
48) Methyl methacrylate	7.690	41	26260	18.632	ug/l	94
49) 1,4-Dioxane	7.714	88	11666	362.981	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	166910	96.648	ug/l	97
52) Toluene	8.720	92	68466	20.228	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	38550	19.651	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	41754	19.736	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	28282	19.877	ug/l	97
56) Ethyl methacrylate	9.116	69	38133	19.035	ug/l	94
57) 1,3-Dichloropropane	9.311	76	45093	19.729	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	83171	90.737	ug/l	98
59) 2-Hexanone	9.427	43	126697	99.552	ug/l	97
60) Dibromochloromethane	9.519	129	31441	20.056	ug/l	99
61) 1,2-Dibromoethane	9.610	107	29520	19.505	ug/l	99
64) Tetrachloroethene	9.275	164	25423	19.625	ug/l	97
65) Chlorobenzene	10.080	112	75856	19.773	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	29541	20.376	ug/l	99
67) Ethyl Benzene	10.195	91	135891	20.332	ug/l	100
68) m/p-Xylenes	10.299	106	105359	40.517	ug/l	99
69) o-Xylene	10.640	106	51404	19.999	ug/l	98
70) Styrene	10.653	104	85725	20.364	ug/l	97
71) Bromoform	10.799	173	22817	19.883	ug/l #	99
73) Isopropylbenzene	10.964	105	138370	19.453	ug/l	100
74) N-amyl acetate	10.842	43	43754	18.029	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	42412	18.795	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	32869m	16.462	ug/l	
77) Bromobenzene	11.195	156	34324	19.109	ug/l	98
78) n-propylbenzene	11.305	91	156010	19.643	ug/l	100
79) 2-Chlorotoluene	11.366	91	96199	19.598	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	118815	20.067	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10688	16.652	ug/l	98
82) 4-Chlorotoluene	11.457	91	110628	19.383	ug/l	99
83) tert-Butylbenzene	11.713	119	115016	19.480	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	117652	19.906	ug/l	99
85) sec-Butylbenzene	11.890	105	139180	20.204	ug/l	100
86) p-Isopropyltoluene	12.012	119	119024	20.040	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	63898	19.638	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	65801	19.799	ug/l	99
89) n-Butylbenzene	12.335	91	97438	20.031	ug/l	99
90) Hexachloroethane	12.536	117	19112	18.931	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	63215	19.433	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8397	17.227	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	37620	19.149	ug/l	98
94) Hexachlorobutadiene	13.725	225	16133	20.507	ug/l	97
95) Naphthalene	13.774	128	125379	19.132	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	37844	19.019	ug/l	99

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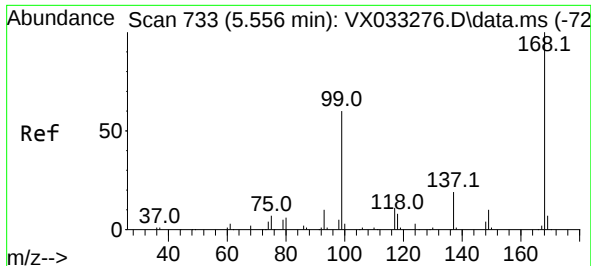
Manual Integrations
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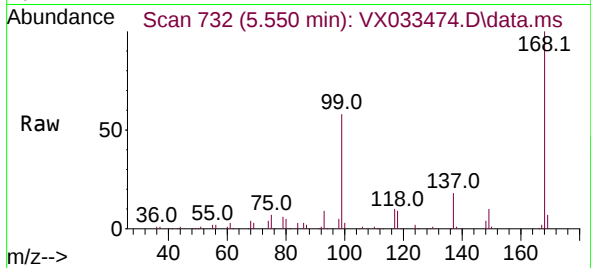
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX033474.D
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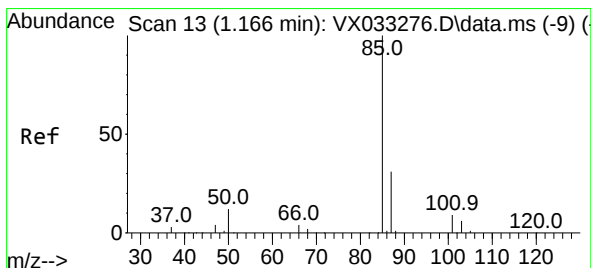
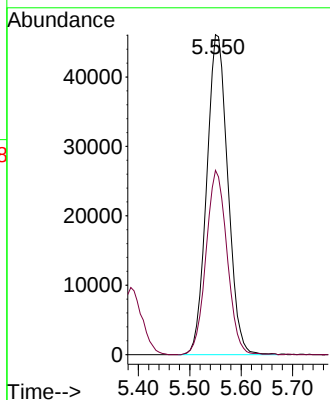
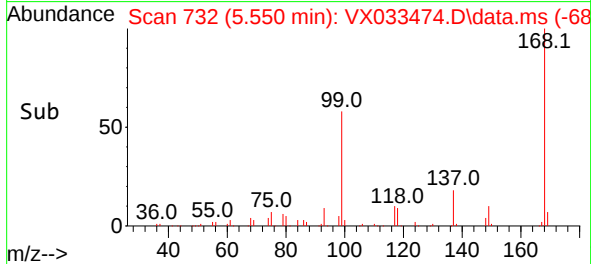
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



Tgt Ion:168 Resp: 131531
Ion Ratio Lower Upper
168 100
99 57.6 46.1 69.1

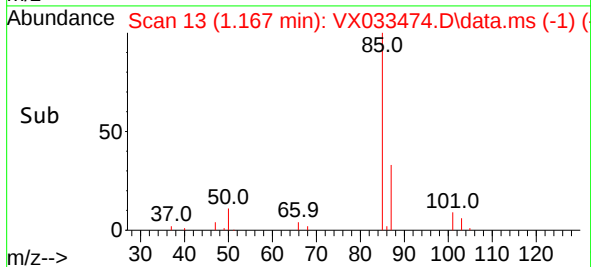
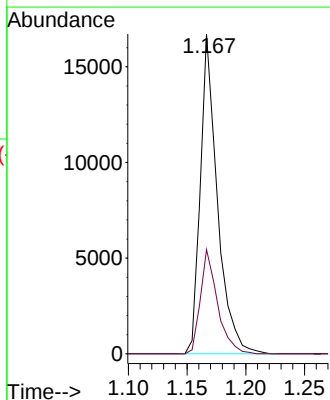
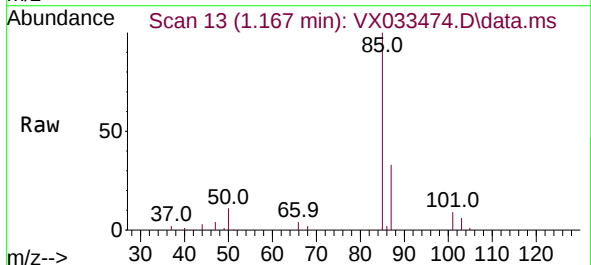
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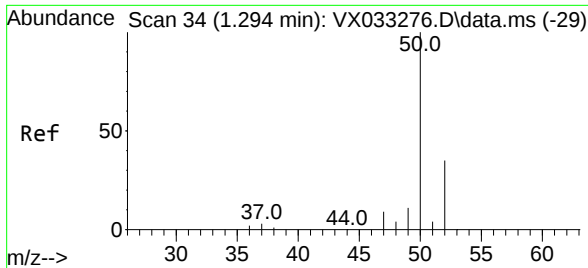
Reviewed By :John Carlone 12/20/2022
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#2
Dichlorodifluoromethane
Concen: 18.351 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Tgt Ion: 85 Resp: 16861
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.7





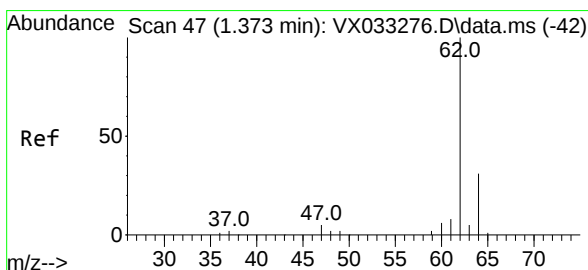
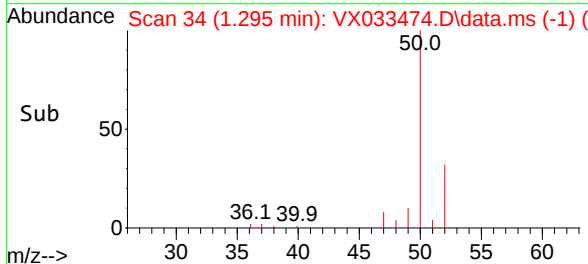
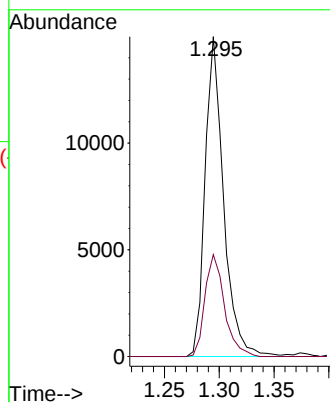
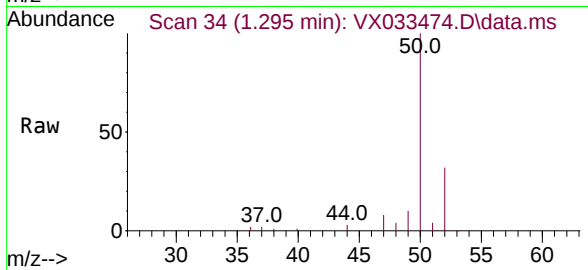
#3
Chloromethane
Concen: 16.551 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

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VX1219WBS01

Tgt Ion: 50 Resp: 17583
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2

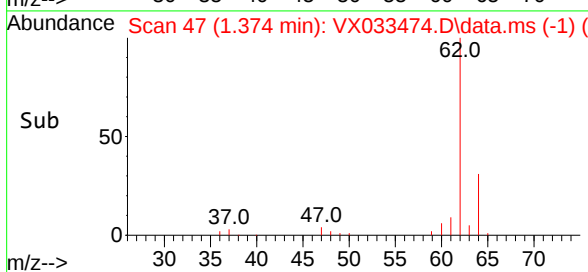
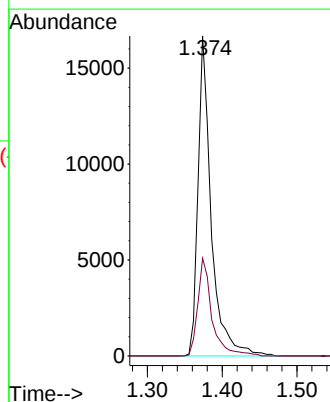
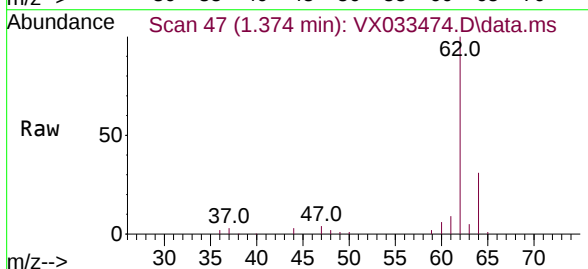
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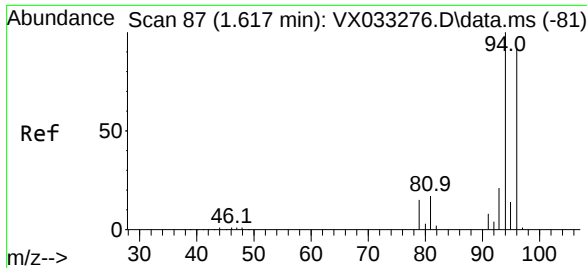
Reviewed By :John Carlone 12/20/2022
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#4
Vinyl Chloride
Concen: 16.840 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

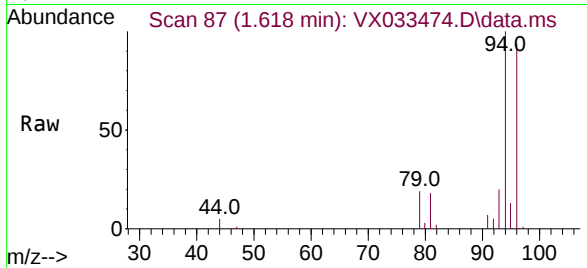
Tgt Ion: 62 Resp: 20427
Ion Ratio Lower Upper
62 100
64 30.5 25.8 38.6





#5
Bromomethane
Concen: 13.940 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033474.D
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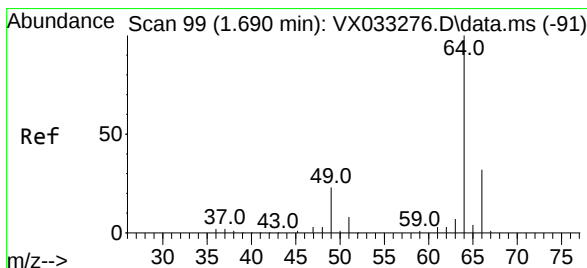
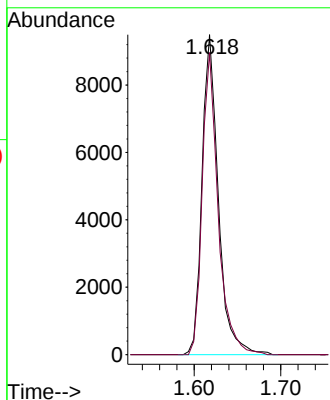
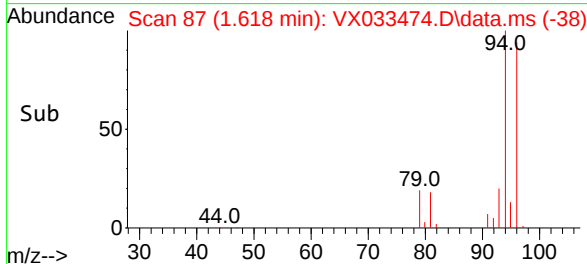
Instrument :
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Tgt Ion: 94 Resp: 12409
Ion Ratio Lower Upper
94 100
96 94.3 77.6 116.4

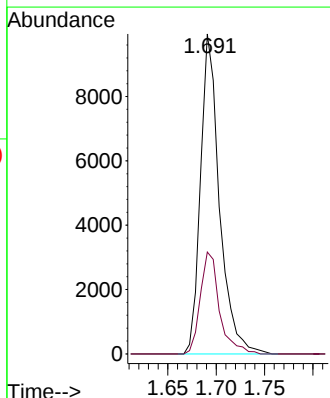
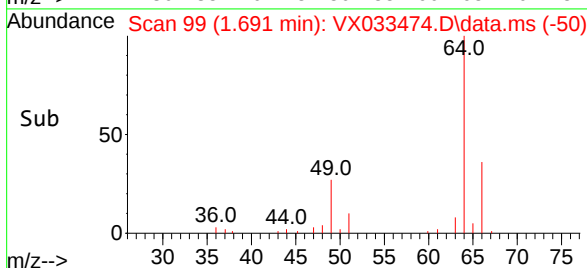
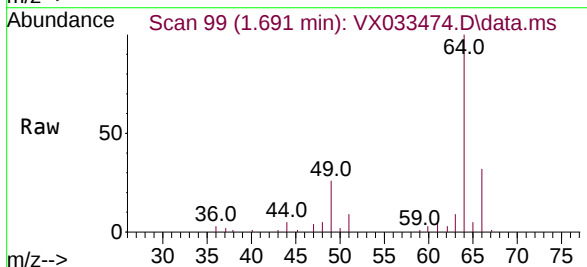
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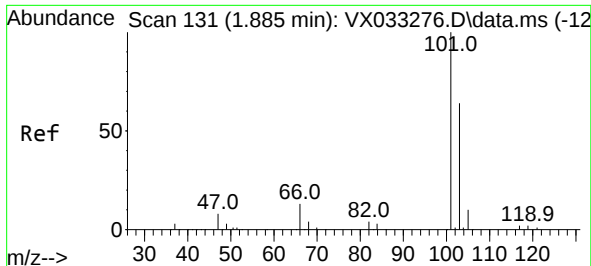
Reviewed By :John Carlone 12/20/2022
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#6
Chloroethane
Concen: 14.686 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033474.D
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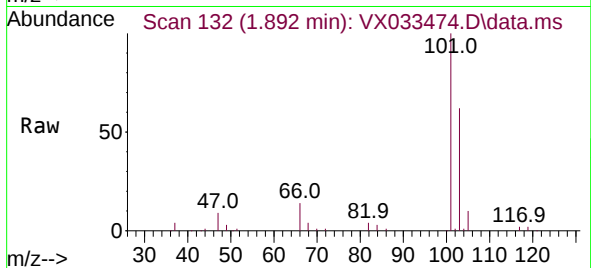
Tgt Ion: 64 Resp: 13512
Ion Ratio Lower Upper
64 100
66 31.8 26.0 39.0





#7
Trichlorofluoromethane
Concen: 13.512 ug/l
RT: 1.892 min Scan# 131
Delta R.T. 0.007 min
Lab File: VX033474.D
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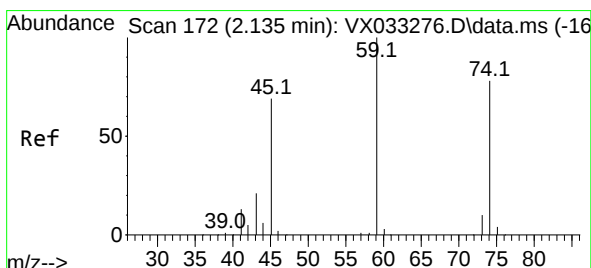
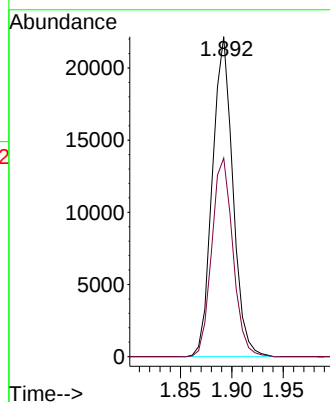
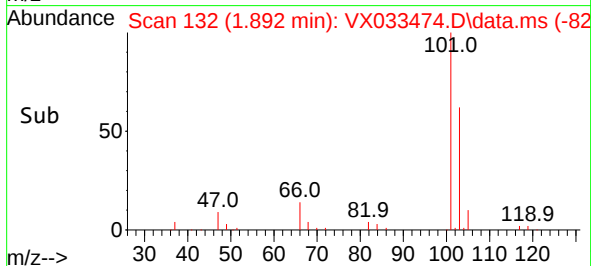
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



Tgt Ion:101 Resp: 3077
Ion Ratio Lower Upper
101 100
103 62.0 51.4 77.2

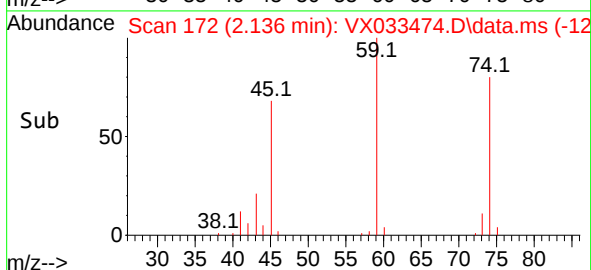
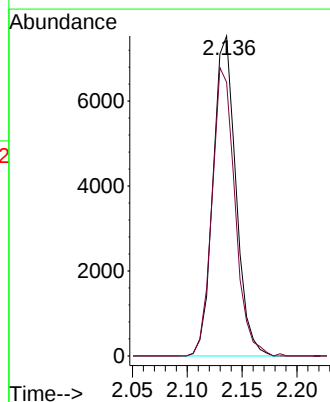
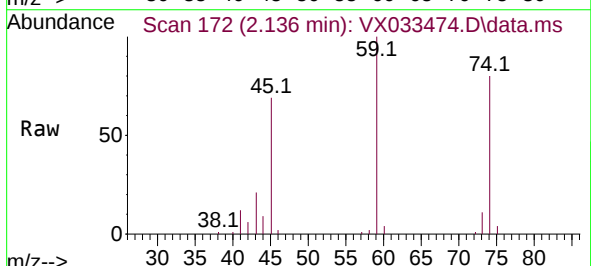
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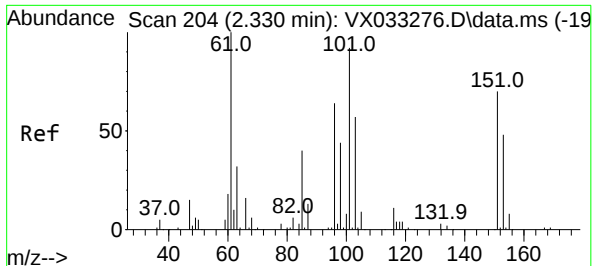
Reviewed By :John Carlone 12/20/2022
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#8
Diethyl Ether
Concen: 13.253 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 10901
Ion Ratio Lower Upper
74 100
45 90.7 46.6 139.7





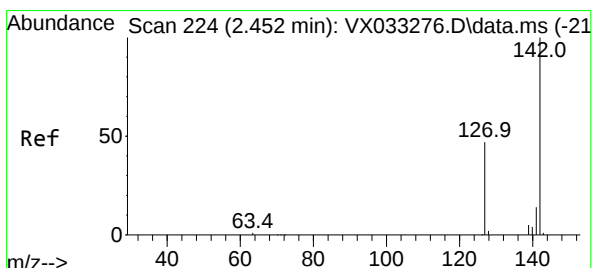
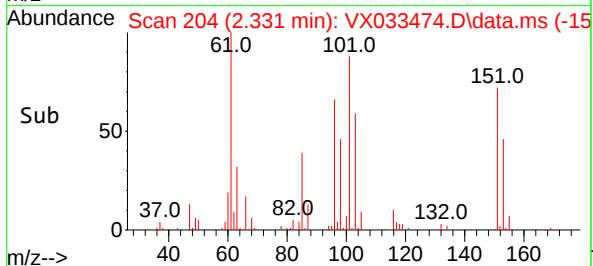
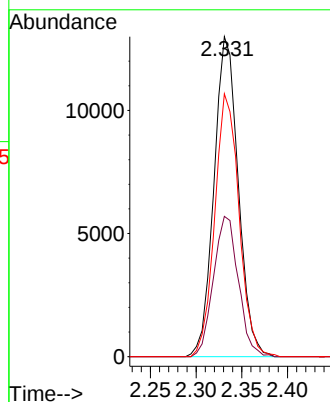
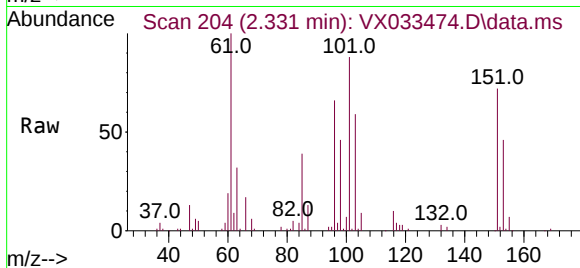
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.877 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01

Tgt Ion:101 Resp: 24012
Ion Ratio Lower Upper
101 100
85 44.9 37.0 55.4
151 82.3 64.4 96.6

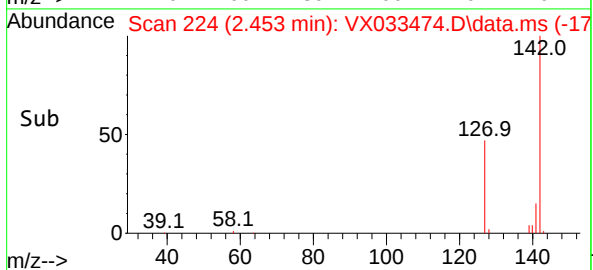
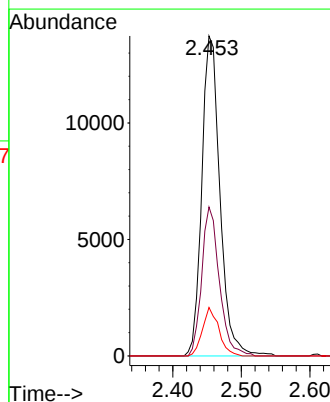
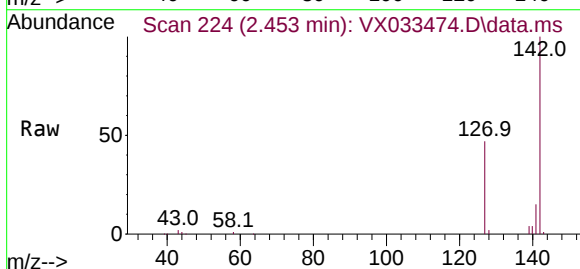
Manual Integrations
APPROVED

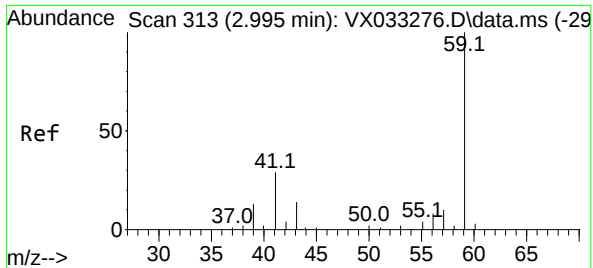
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#10
Methyl Iodide
Concen: 19.038 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Tgt Ion:142 Resp: 25188
Ion Ratio Lower Upper
142 100
127 45.1 38.6 57.8
141 13.7 11.4 17.2





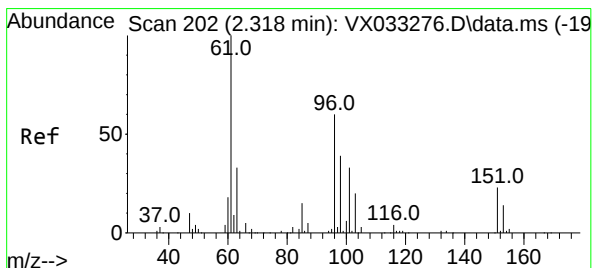
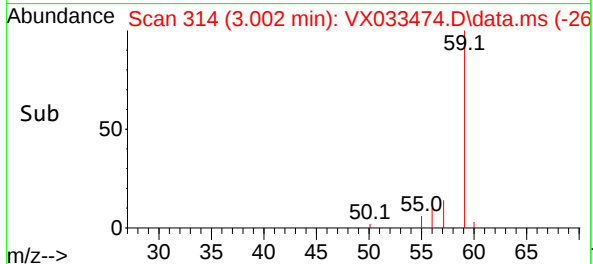
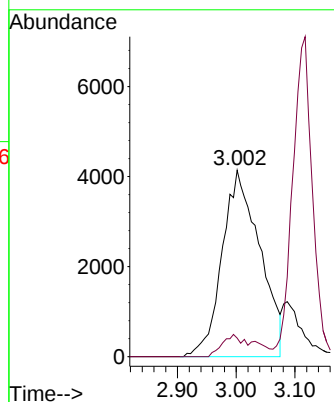
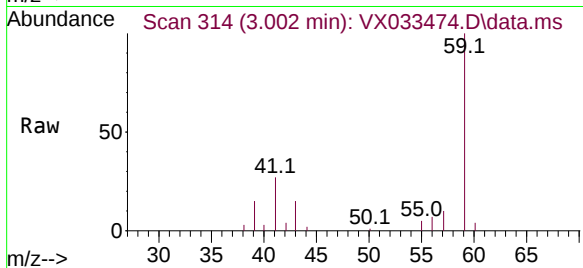
#11
Tert butyl alcohol
Concen: 71.540 ug/l
RT: 3.002 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01

Tgt Ion: 59 Resp: 18456
Ion Ratio Lower Upper
59 100
57 6.7 8.2 12.4

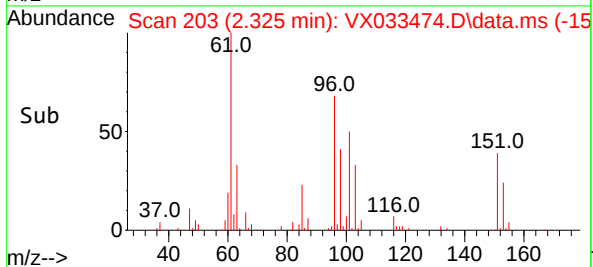
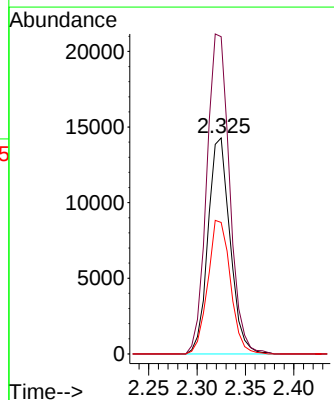
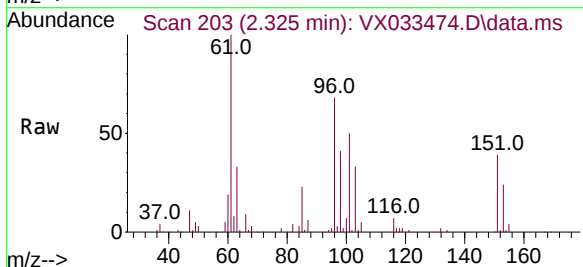
Manual Integrations
APPROVED

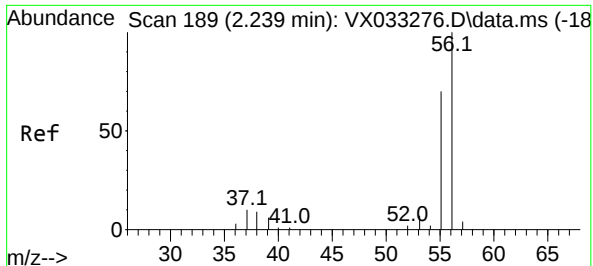
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#12
1,1-Dichloroethene
Concen: 18.935 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

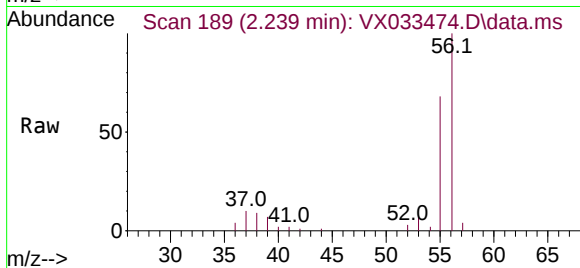
Tgt Ion: 96 Resp: 22579
Ion Ratio Lower Upper
96 100
61 147.0 125.1 187.7
98 60.9 50.6 76.0





#13
Acrolein
Concen: 73.121 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

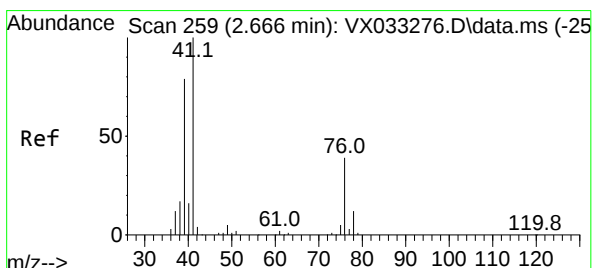
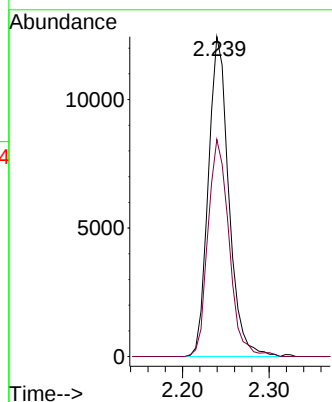
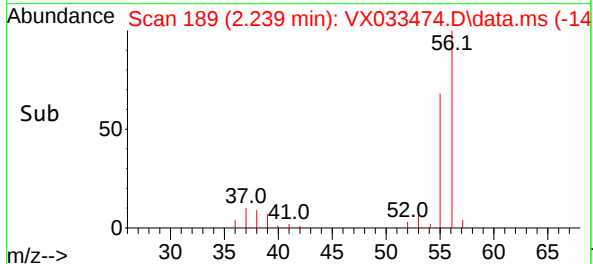
Instrument :
MSVOA_X
Client Sample Id :
VX1219WBS01



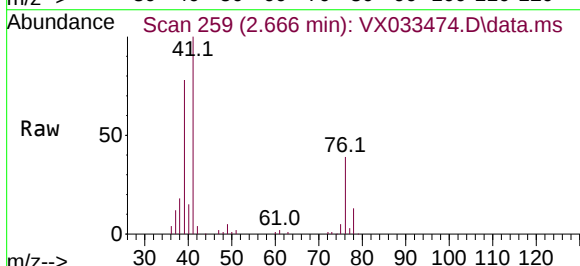
Tgt Ion: 56 Resp: 20459
Ion Ratio Lower Upper
56 100
55 70.2 56.9 85.3

Manual Integrations
APPROVED

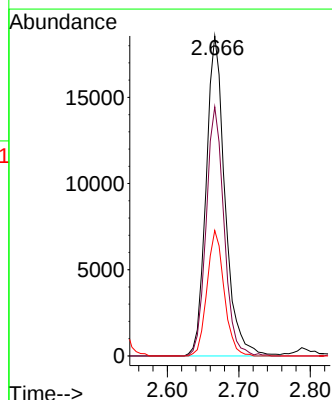
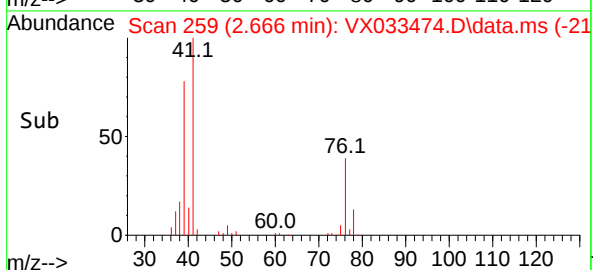
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

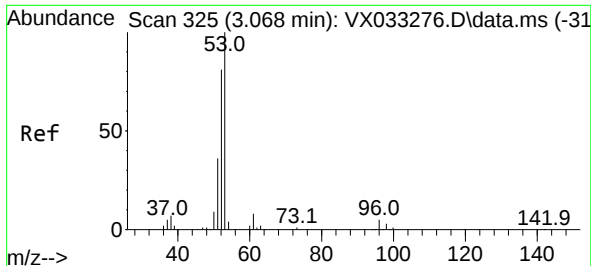


#14
Allyl chloride
Concen: 17.952 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14



Tgt Ion: 41 Resp: 34186
Ion Ratio Lower Upper
41 100
39 73.5 61.4 92.2
76 35.3 29.2 43.8





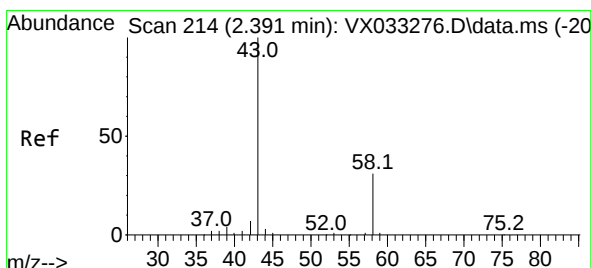
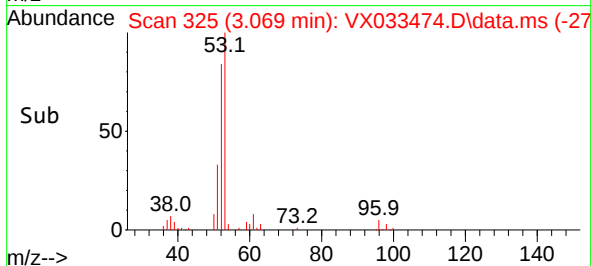
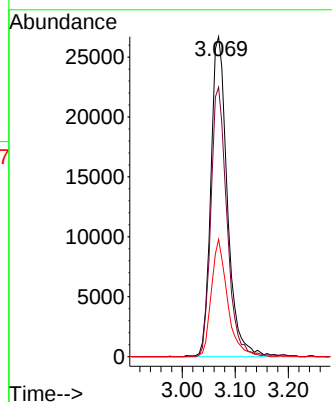
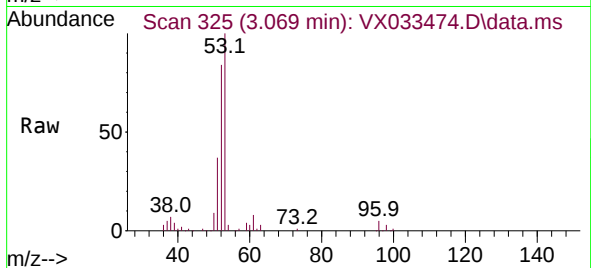
#15
Acrylonitrile
Concen: 90.551 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01

Tgt Ion: 53 Resp: 5786
Ion Ratio Lower Upper
53 100
52 82.2 67.4 101.0
51 35.9 30.3 45.5

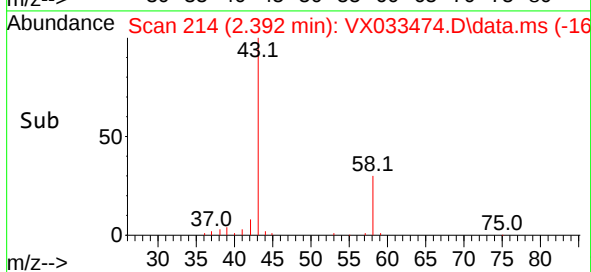
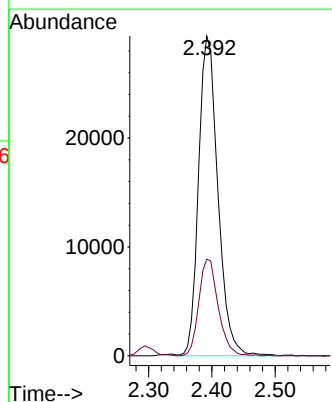
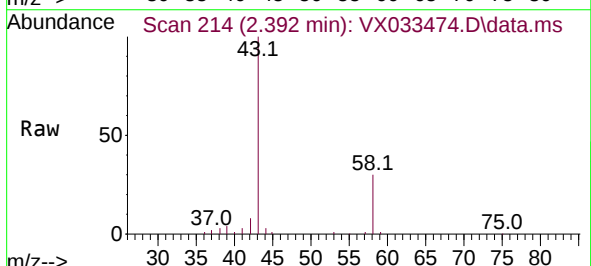
Manual Integrations
APPROVED

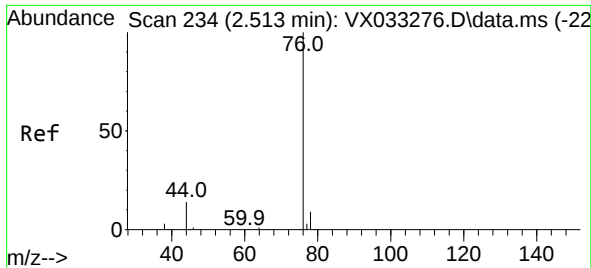
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#16
Acetone
Concen: 99.655 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Tgt Ion: 43 Resp: 62225
Ion Ratio Lower Upper
43 100
58 30.2 23.8 35.8





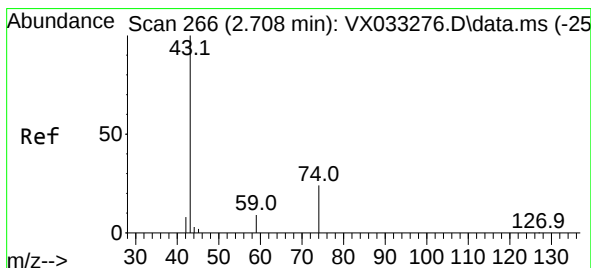
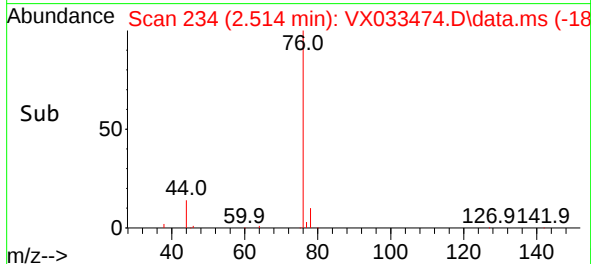
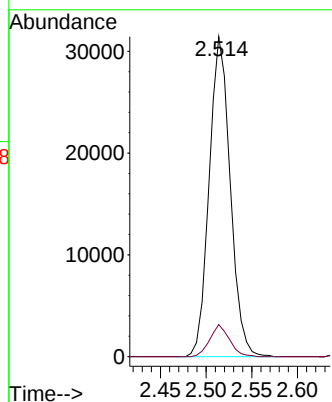
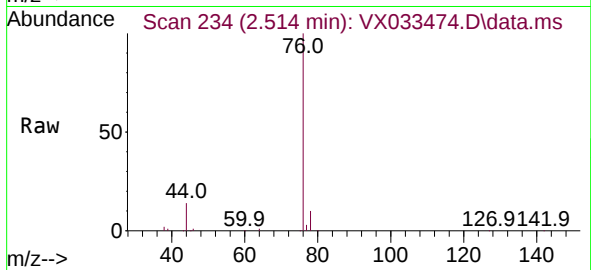
#17
Carbon Disulfide
Concen: 16.489 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01

Tgt Ion: 76 Resp: 50463
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3

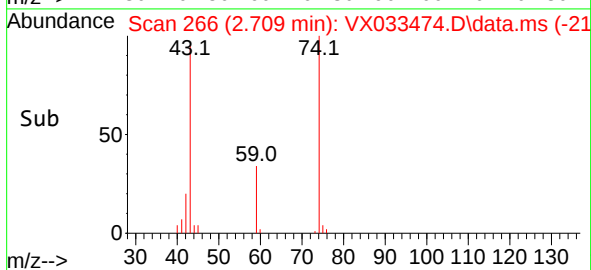
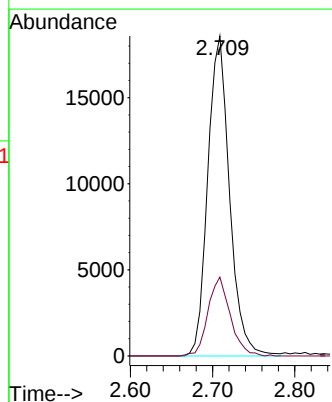
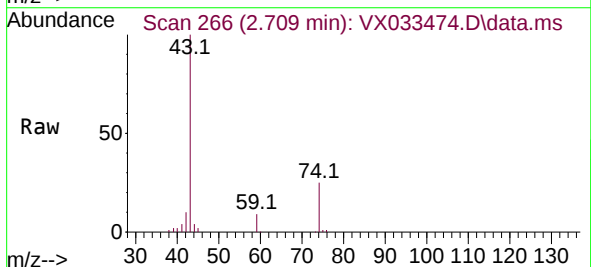
Manual Integrations
APPROVED

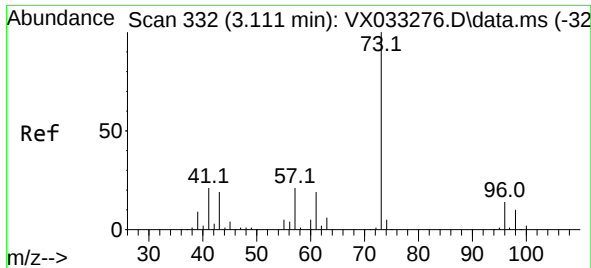
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#18
Methyl Acetate
Concen: 18.902 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Tgt Ion: 43 Resp: 34167
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.0





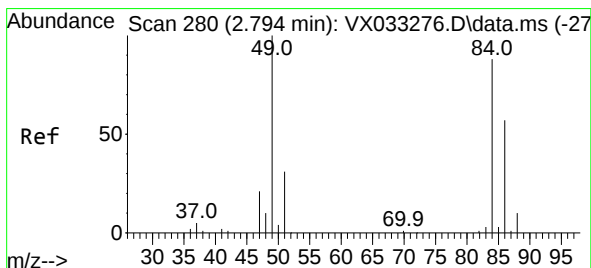
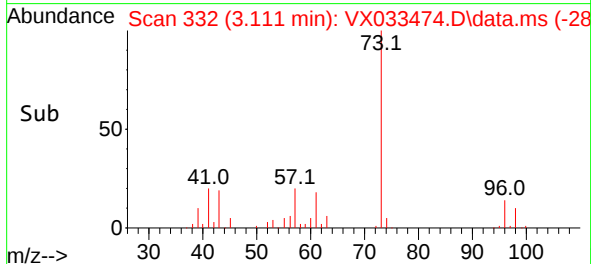
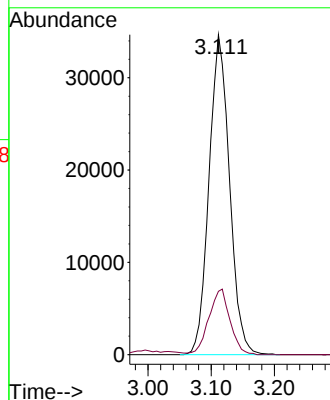
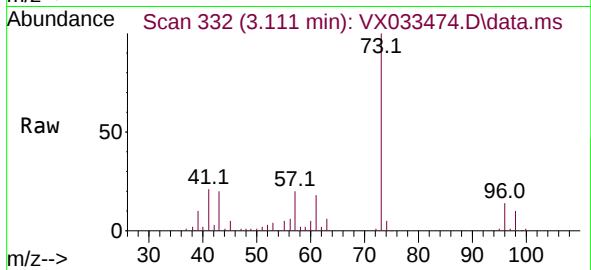
#19
Methyl tert-butyl Ether
Concen: 18.897 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01

Tgt Ion: 73 Resp: 78052
Ion Ratio Lower Upper
73 100
57 19.8 16.6 25.0

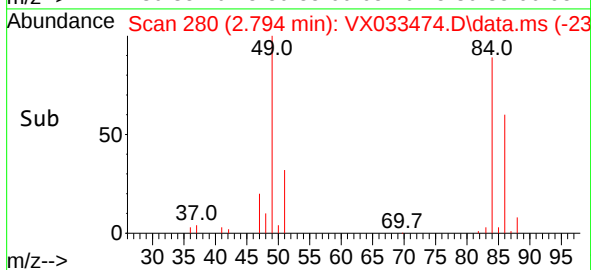
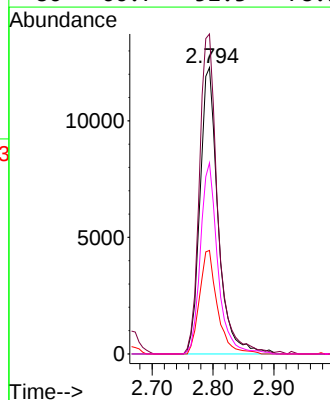
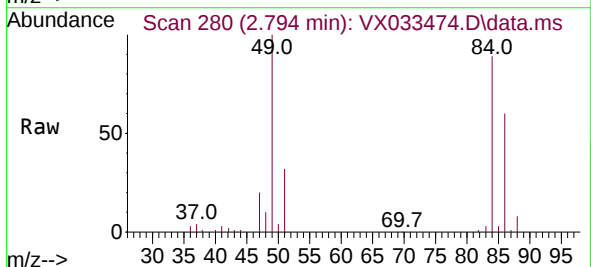
Manual Integrations
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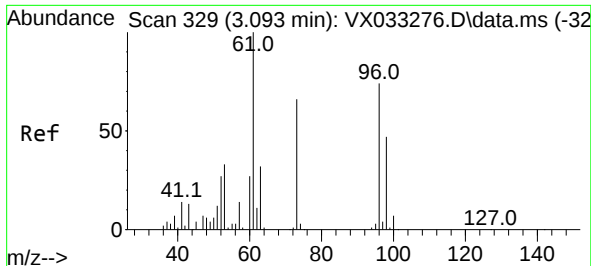
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#20
Methylene Chloride
Concen: 18.240 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

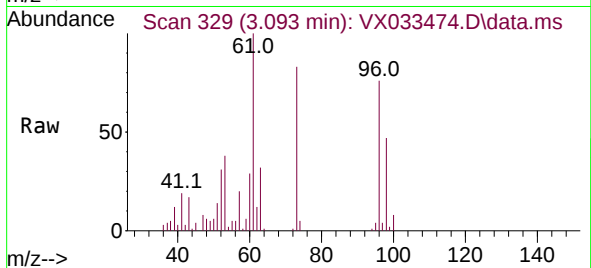
Tgt Ion: 84 Resp: 25400
Ion Ratio Lower Upper
84 100
49 111.8 101.0 151.6
51 36.1 31.1 46.7
86 66.7 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 18.382 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

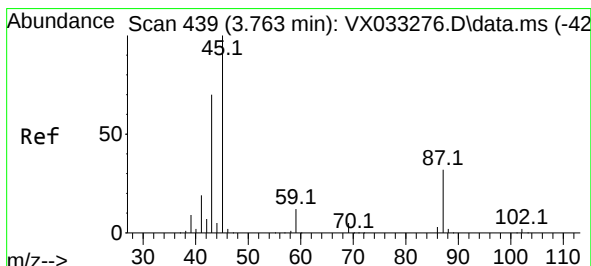
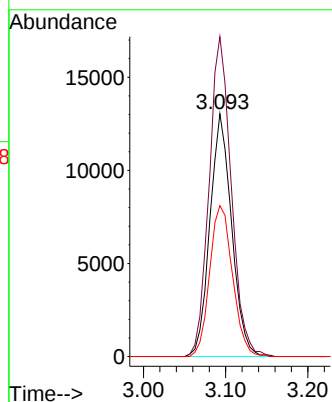
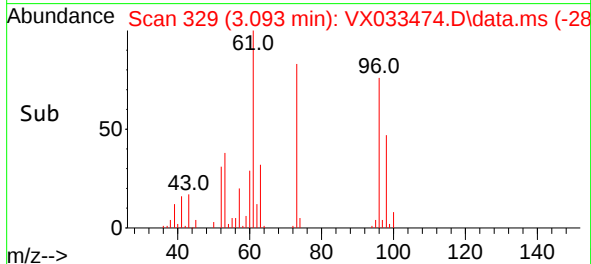
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



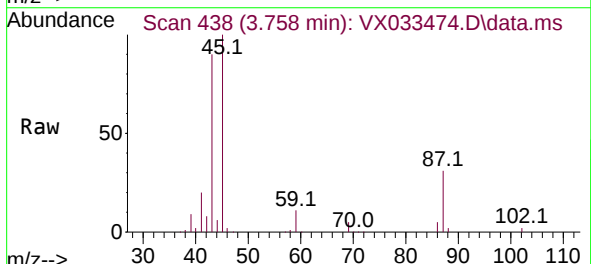
Tgt Ion: 96 Resp: 2397
Ion Ratio Lower Upper
96 100
61 131.8 106.6 160.0
98 62.1 51.0 76.6

Manual Integrations
APPROVED

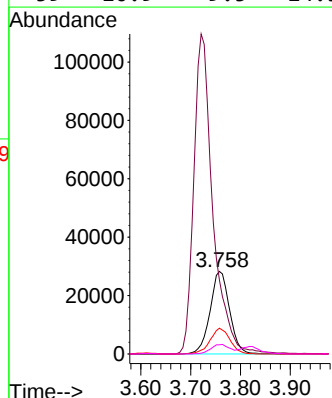
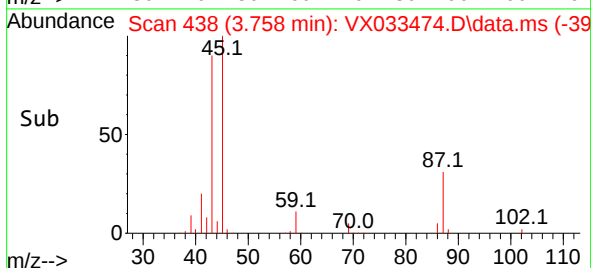
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

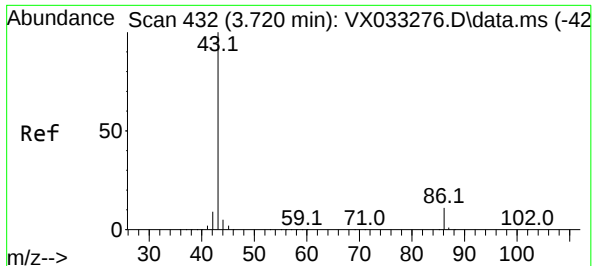


#22
Diisopropyl ether
Concen: 18.746 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14



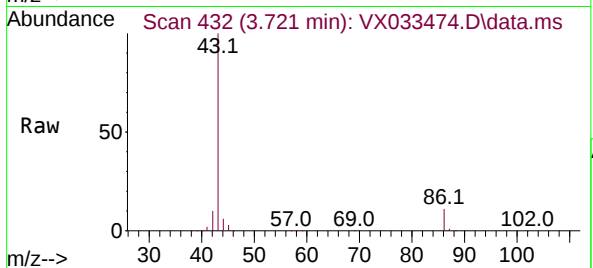
Tgt Ion: 45 Resp: 76482
Ion Ratio Lower Upper
45 100
43 88.6 56.4 84.6#
87 31.2 24.4 36.6
59 10.9 9.5 14.3





#23
 Vinyl Acetate
 Concen: 91.788 ug/l
 RT: 3.721 min Scan# 432
 Delta R.T. 0.000 min
 Lab File: VX033474.D
 Acq: 19 Dec 2022 11:14

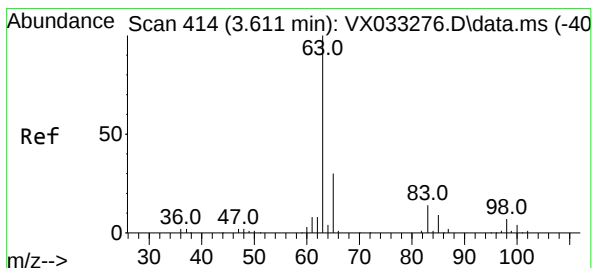
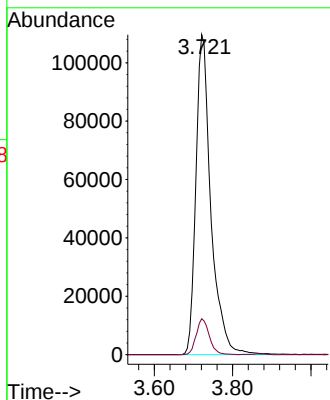
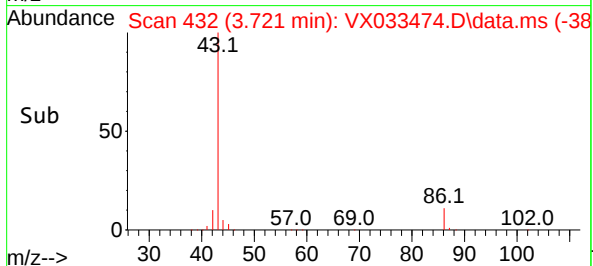
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBS01



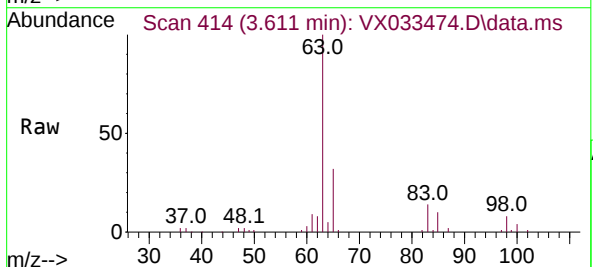
Tgt Ion: 43 Resp: 290665
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8

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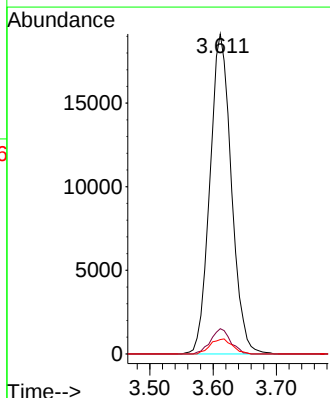
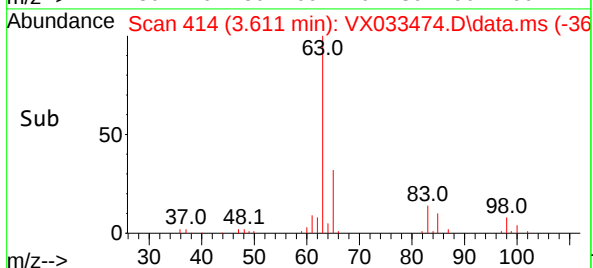
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

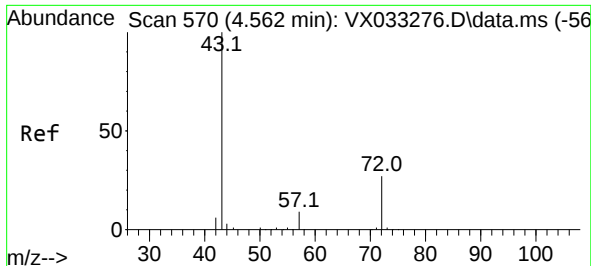


#24
 1,1-Dichloroethane
 Concen: 18.794 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033474.D
 Acq: 19 Dec 2022 11:14



Tgt Ion: 63 Resp: 45053
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 92.240 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033474.D

Acq: 19 Dec 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS01

Tgt Ion: 43 Resp: 82673

Ion Ratio Lower Upper

43 100

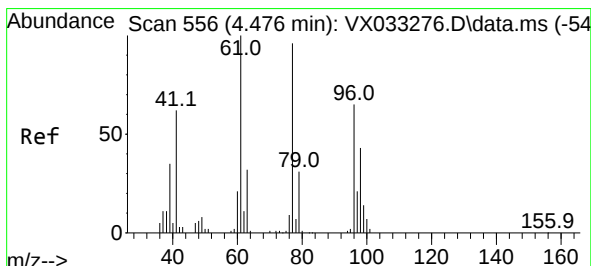
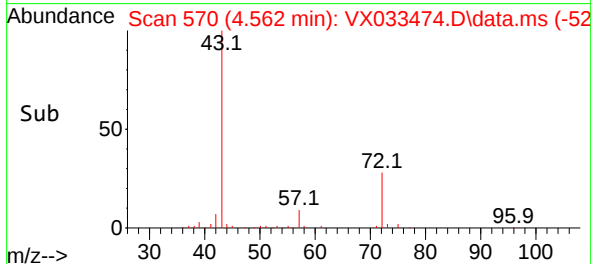
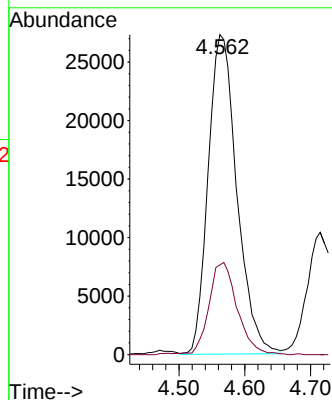
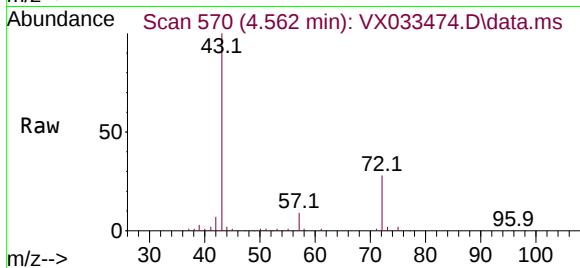
72 27.8 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#26

2,2-Dichloropropane

Concen: 20.462 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033474.D

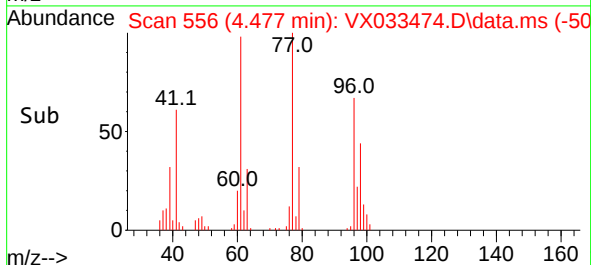
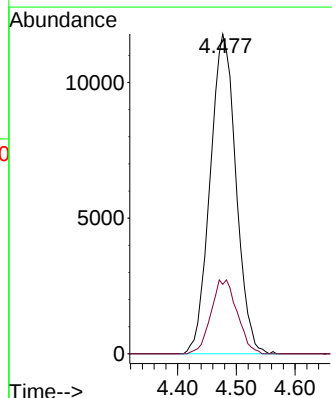
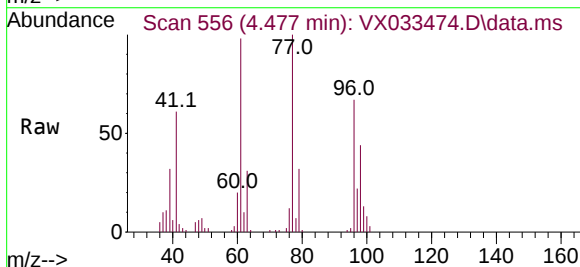
Acq: 19 Dec 2022 11:14

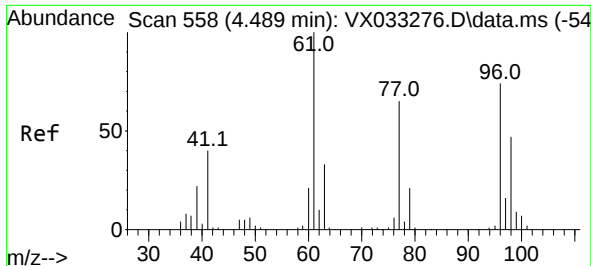
Tgt Ion: 77 Resp: 36072

Ion Ratio Lower Upper

77 100

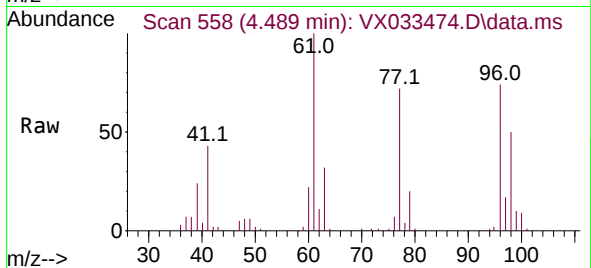
97 23.5 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 18.881 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX033474.D
 Acq: 19 Dec 2022 11:14

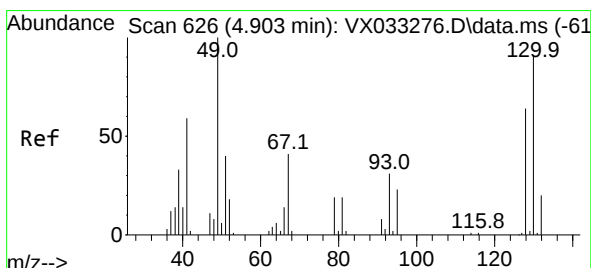
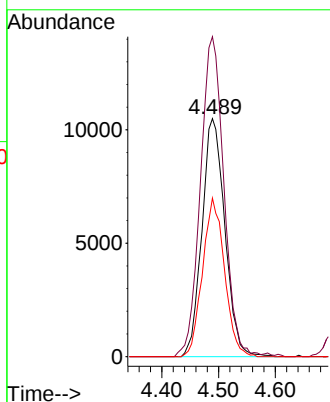
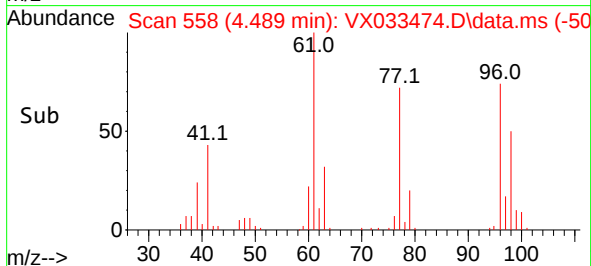
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBS01



Tgt Ion: 96 Resp: 2943
 Ion Ratio Lower Upper
 96 100
 61 137.3 0.0 286.0
 98 63.8 0.0 129.6

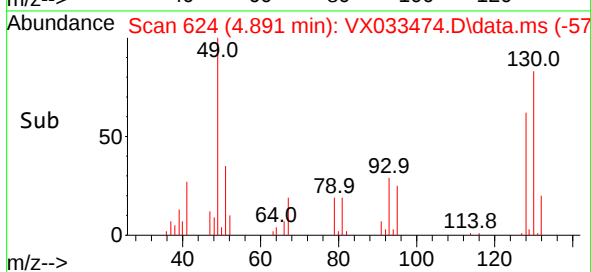
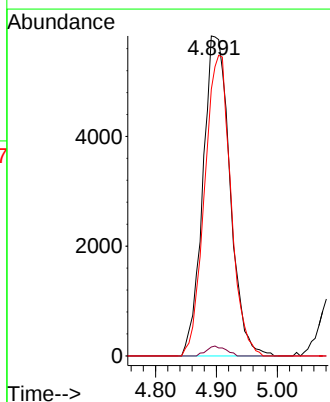
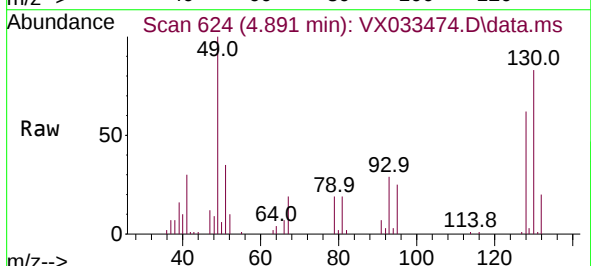
Manual Integrations
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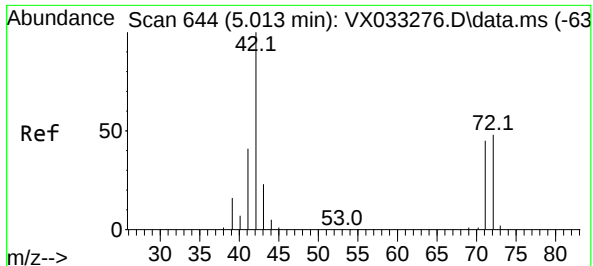
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#28
 Bromochloromethane
 Concen: 17.939 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.012 min
 Lab File: VX033474.D
 Acq: 19 Dec 2022 11:14

Tgt Ion: 49 Resp: 18001
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 90.7 67.5 101.3





#29

Tetrahydrofuran

Concen: 85.977 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX033474.D

Acq: 19 Dec 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS01

Tgt Ion: 42 Resp: 4992

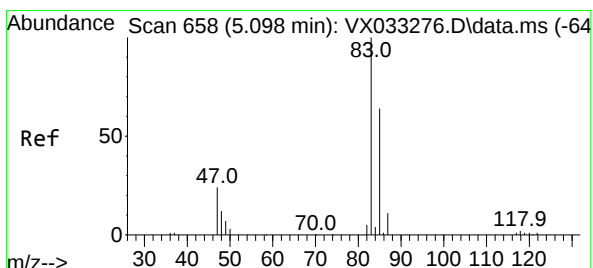
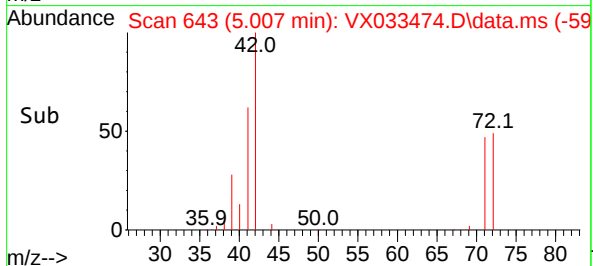
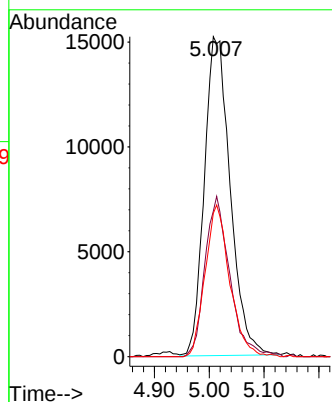
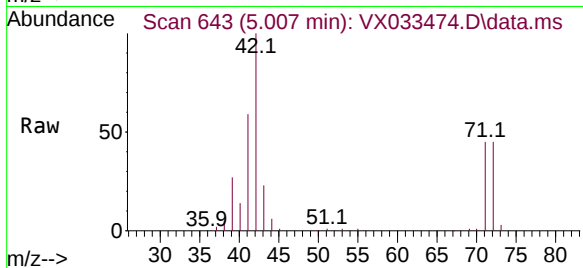
Ion	Ratio	Lower	Upper
42	100		
72	48.2	37.6	56.4
71	45.1	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#30

Chloroform

Concen: 19.085 ug/l

RT: 5.093 min Scan# 657

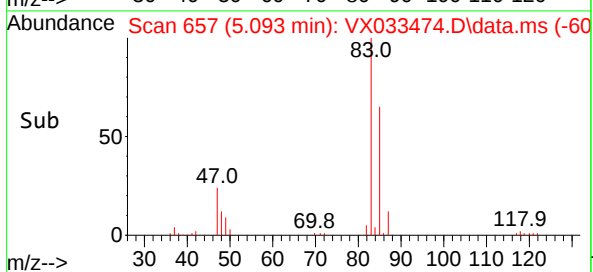
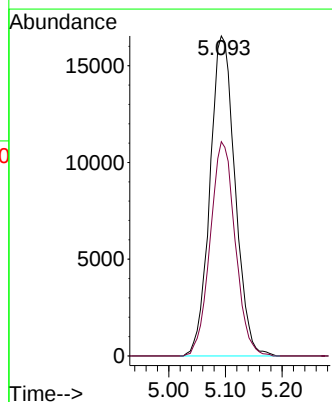
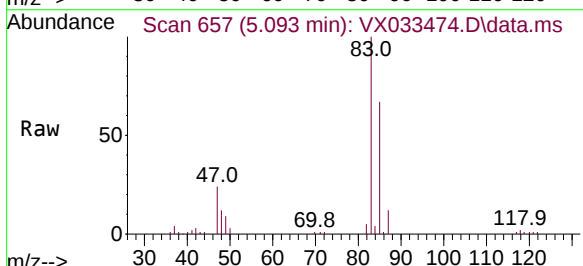
Delta R.T. -0.006 min

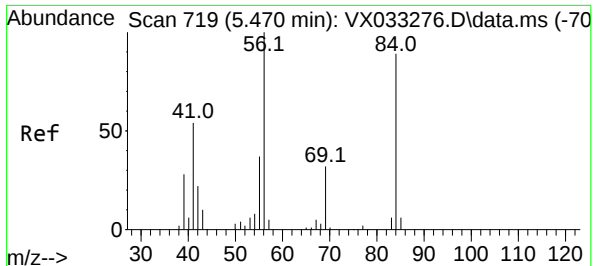
Lab File: VX033474.D

Acq: 19 Dec 2022 11:14

Tgt Ion: 83 Resp: 50792

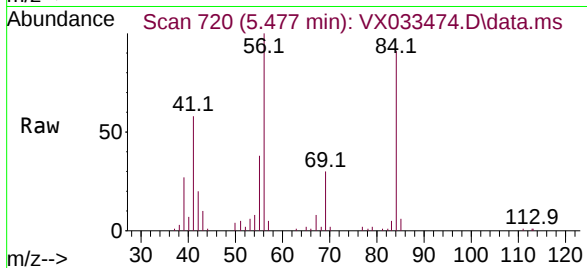
Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.1	76.7





#31
Cyclohexane
Concen: 18.638 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

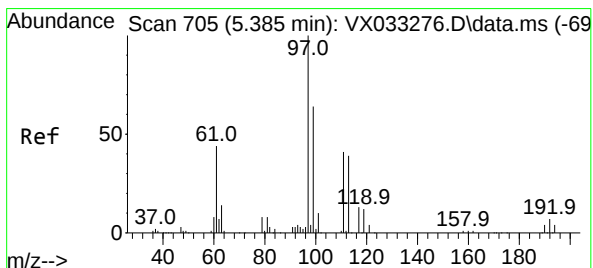
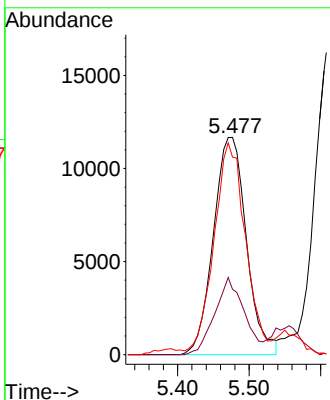
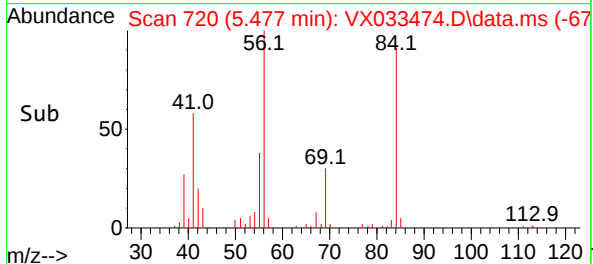
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



Tgt Ion: 56 Resp: 37376
Ion Ratio Lower Upper
56 100
69 30.1 24.1 36.1
84 89.0 66.9 100.3

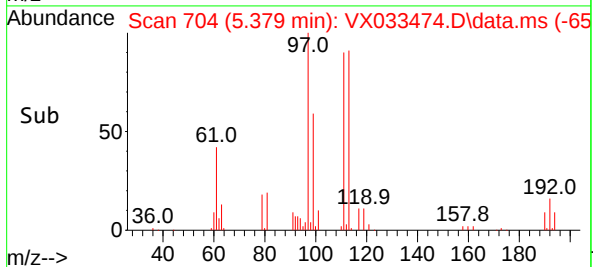
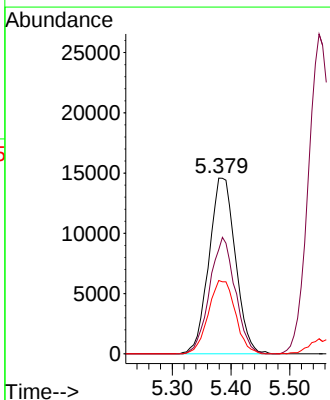
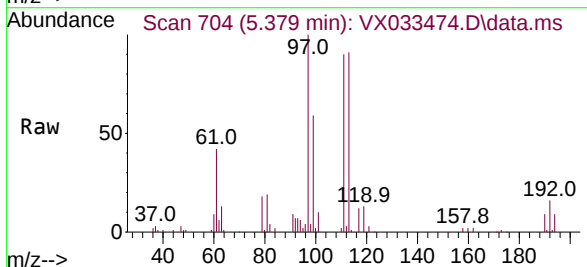
Manual Integrations
APPROVED

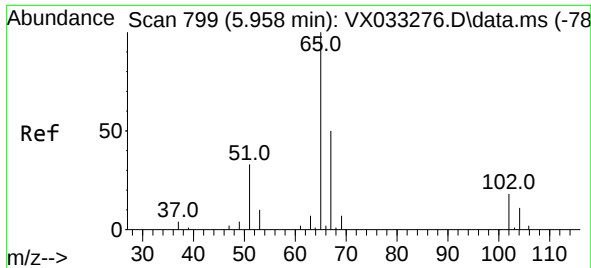
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#32
1,1,1-Trichloroethane
Concen: 19.961 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Tgt Ion: 97 Resp: 45705
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 42.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 42.818 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033474.D

Acq: 19 Dec 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS01

Tgt Ion: 65 Resp: 3613

Ion Ratio Lower Upper

65 100

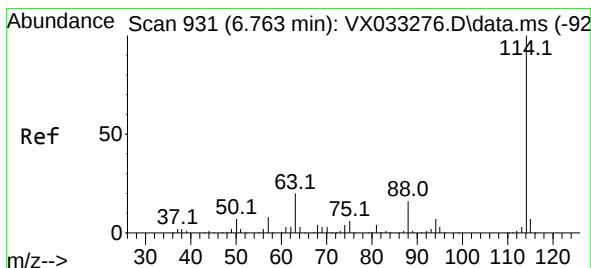
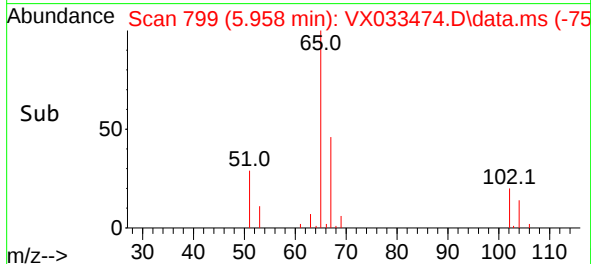
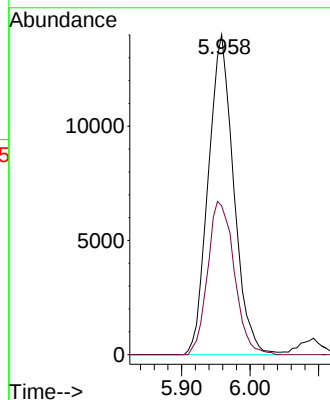
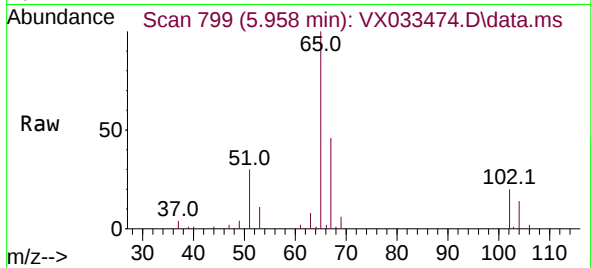
67 50.0 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033474.D

Acq: 19 Dec 2022 11:14

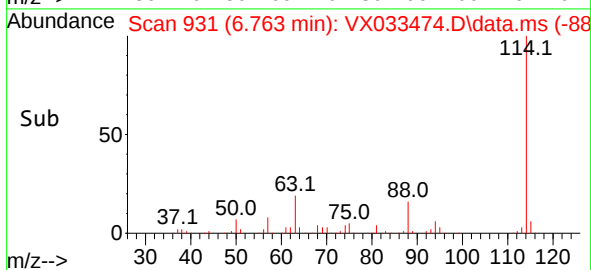
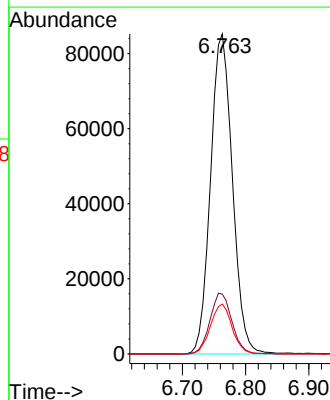
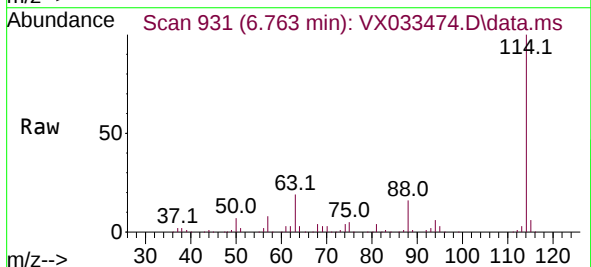
Tgt Ion:114 Resp: 204751

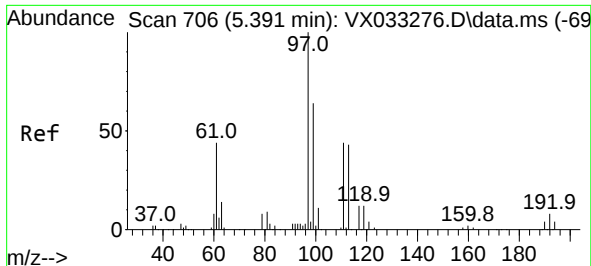
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.6

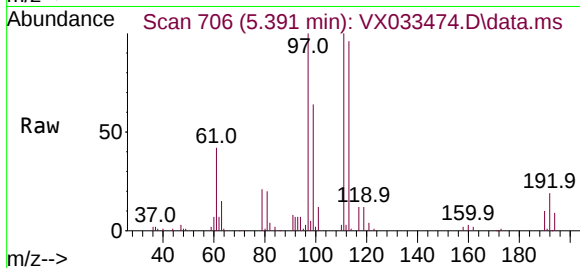
88 15.6 0.0 33.4





#35
Dibromofluoromethane
Concen: 44.230 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

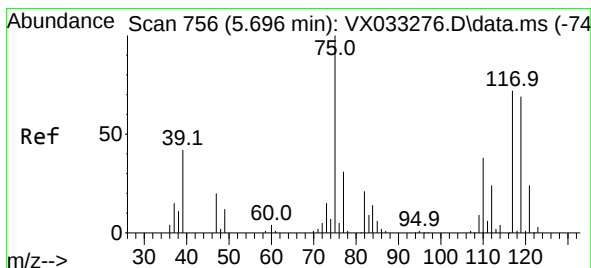
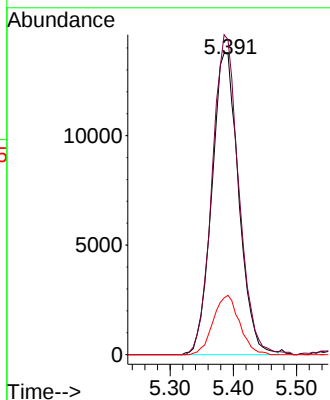
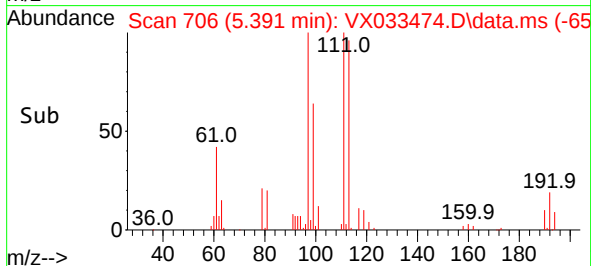
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



Tgt Ion: 113 Resp: 40733
Ion Ratio Lower Upper
113 100
111 105.1 82.4 123.6
192 19.2 15.4 23.2

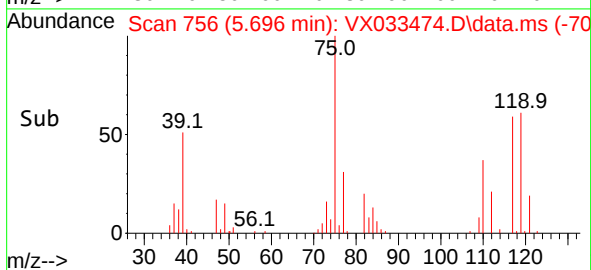
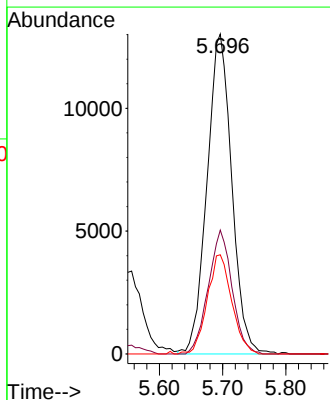
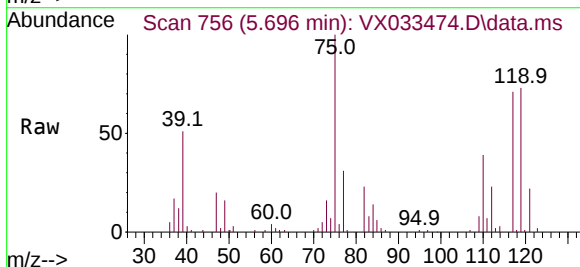
Manual Integrations
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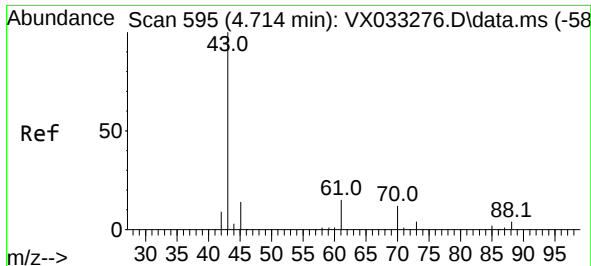
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#36
1,1-Dichloropropene
Concen: 19.743 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Tgt Ion: 75 Resp: 35449
Ion Ratio Lower Upper
75 100
110 37.1 18.4 55.2
77 30.6 24.5 36.7





#37

Ethyl Acetate

Concen: 18.474 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033474.D

Acq: 19 Dec 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS01

Tgt Ion: 43 Resp: 31356

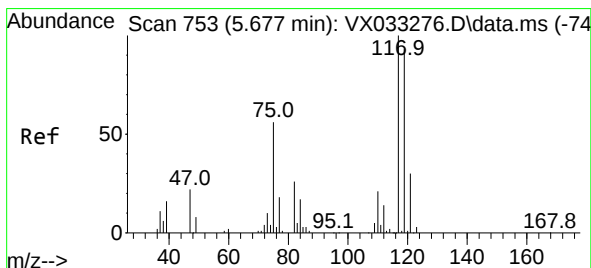
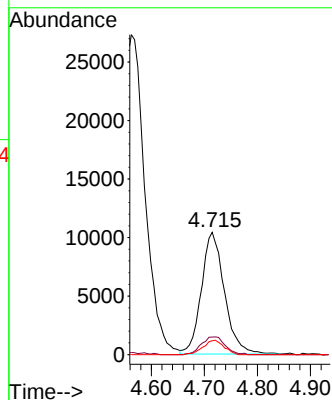
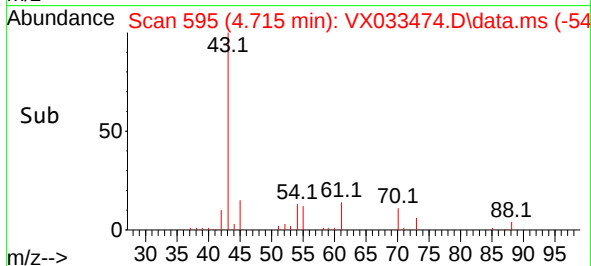
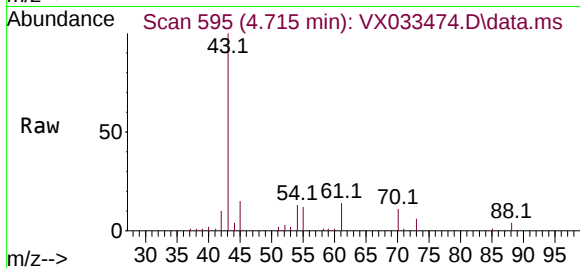
Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	10.6	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#38

Carbon Tetrachloride

Concen: 20.075 ug/l

RT: 5.678 min Scan# 753

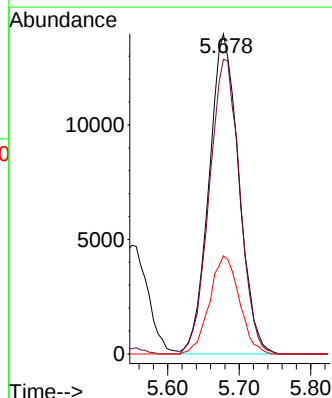
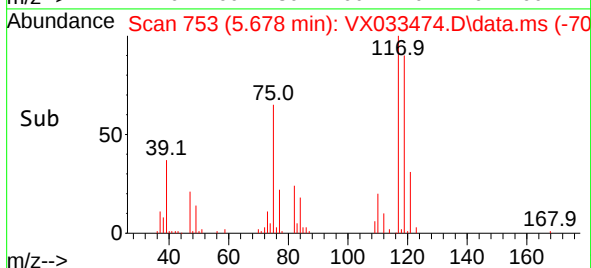
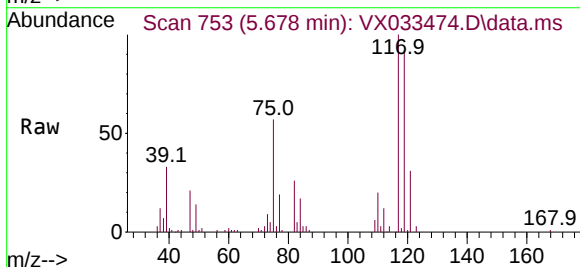
Delta R.T. 0.000 min

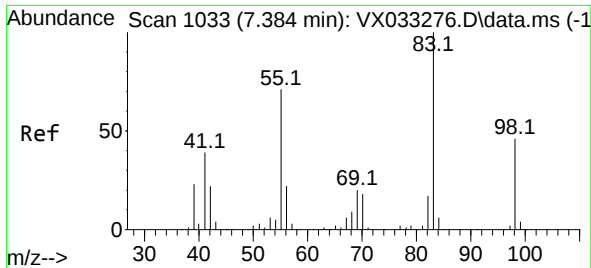
Lab File: VX033474.D

Acq: 19 Dec 2022 11:14

Tgt Ion:117 Resp: 40384

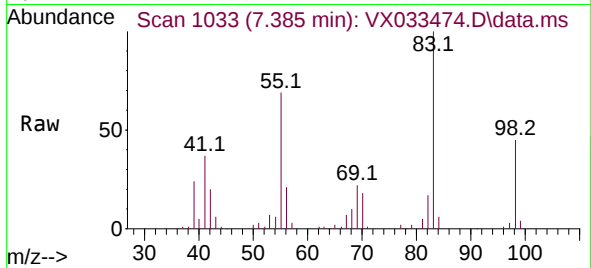
Ion	Ratio	Lower	Upper
117	100		
119	92.1	77.2	115.8
121	30.6	25.8	38.6





#39
Methylcyclohexane
Concen: 19.700 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

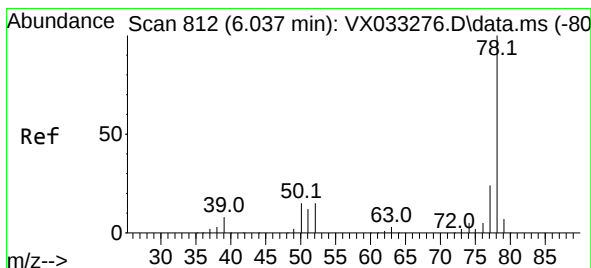
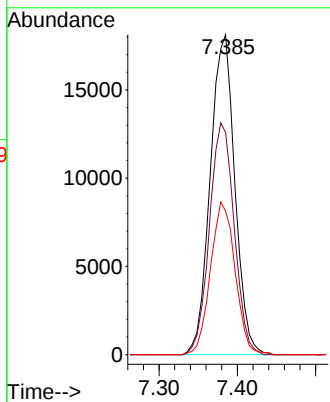
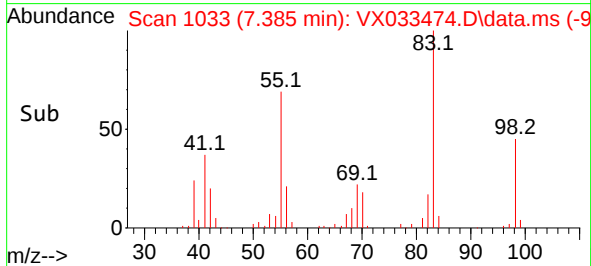
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



Tgt Ion: 83 Resp: 39591
Ion Ratio Lower Upper
83 100
55 69.4 58.4 87.6
98 44.9 37.2 55.8

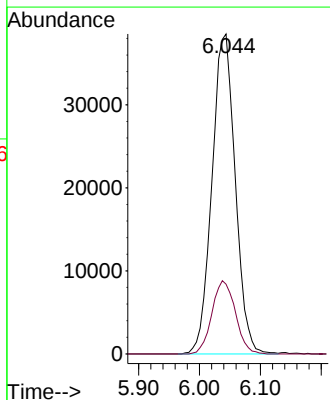
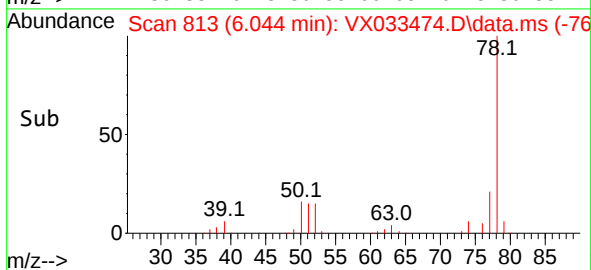
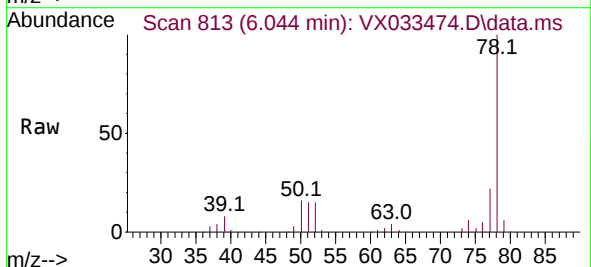
Manual Integrations
APPROVED

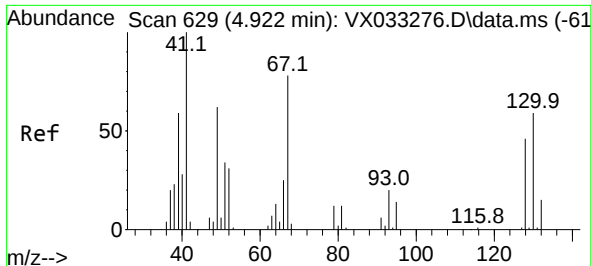
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#40
Benzene
Concen: 19.535 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Tgt Ion: 78 Resp: 102269
Ion Ratio Lower Upper
78 100
77 21.8 19.0 28.4





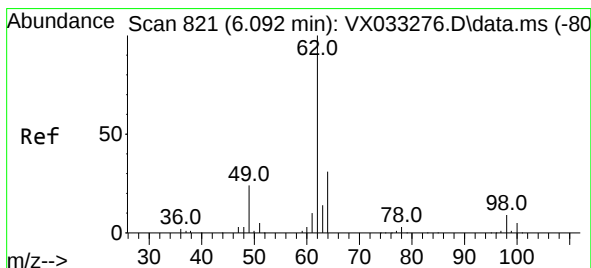
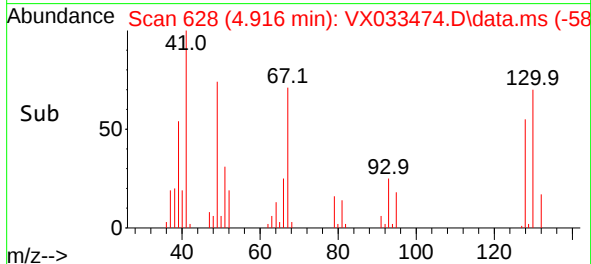
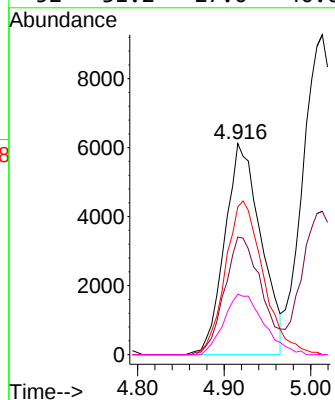
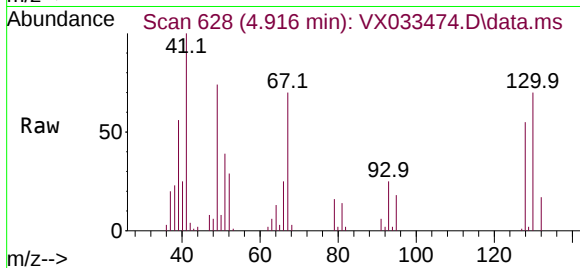
#41
Methacrylonitrile
Concen: 19.078 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01

Tgt Ion: 41 Resp: 17843
Ion Ratio Lower Upper
41 100
39 58.2 47.5 71.3
67 75.9 60.5 90.7
52 31.2 27.0 40.6

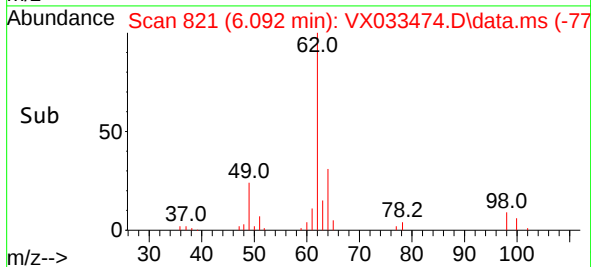
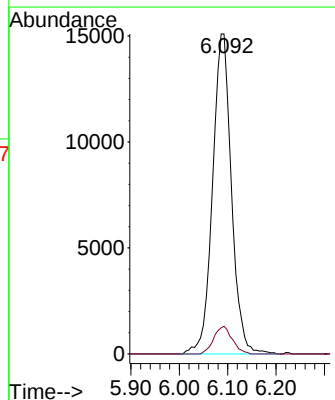
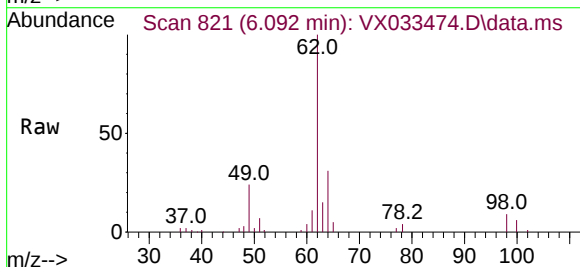
Manual Integrations
APPROVED

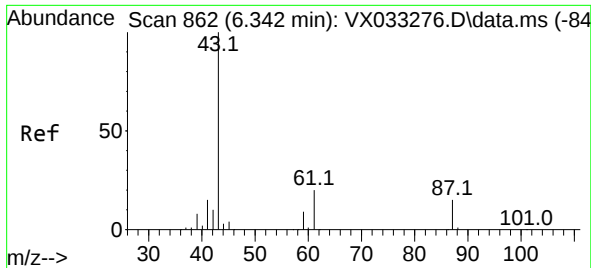
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#42
1,2-Dichloroethane
Concen: 19.663 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

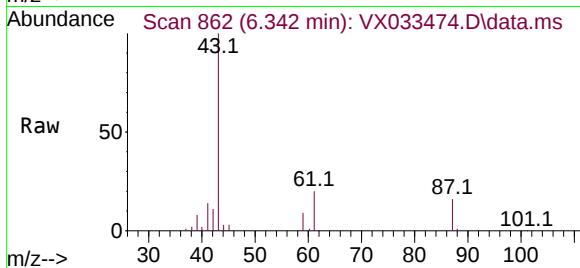
Tgt Ion: 62 Resp: 40876
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 18.465 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

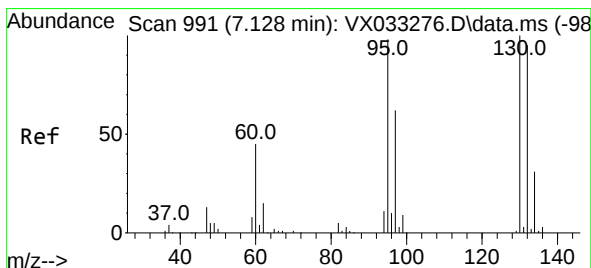
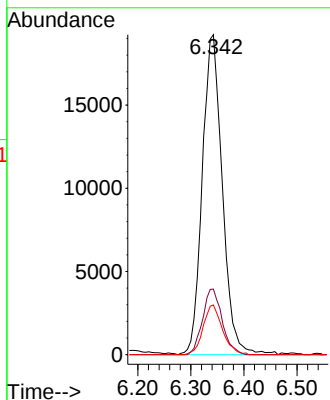
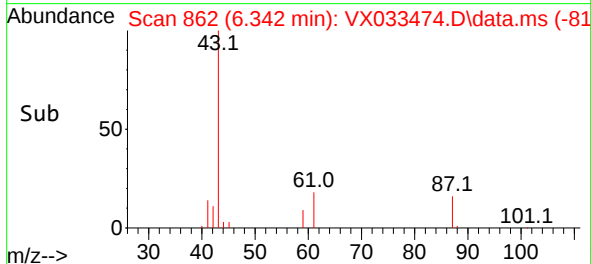
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



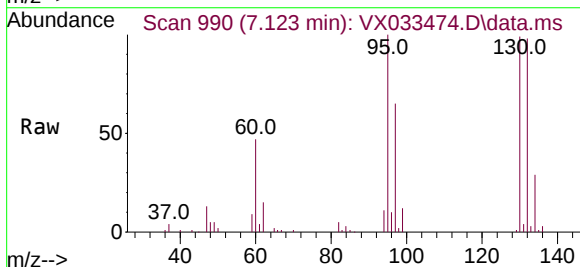
Tgt Ion: 43 Resp: 5042
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.0
87 14.8 10.8 16.2

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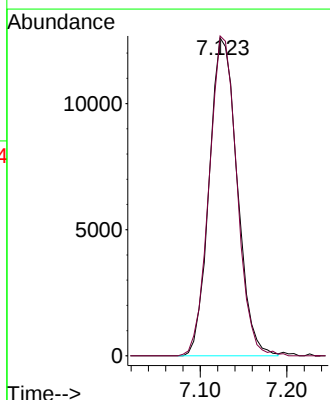
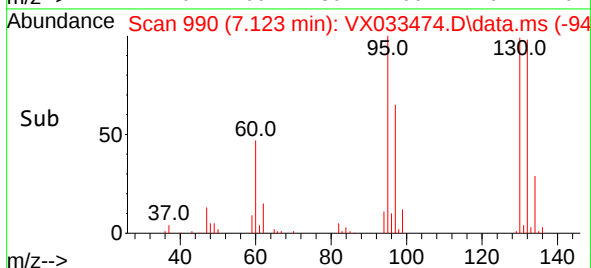
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

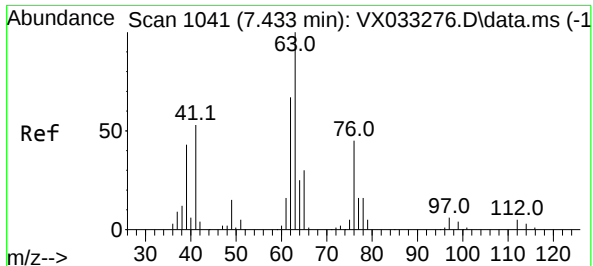


#44
Trichloroethene
Concen: 19.606 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14



Tgt Ion:130 Resp: 28299
Ion Ratio Lower Upper
130 100
95 100.6 0.0 195.2





#45

1,2-Dichloropropane

Concen: 19.538 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX033474.D

Acq: 19 Dec 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS01

Tgt Ion: 63 Resp: 26158

Ion Ratio Lower Upper

63 100

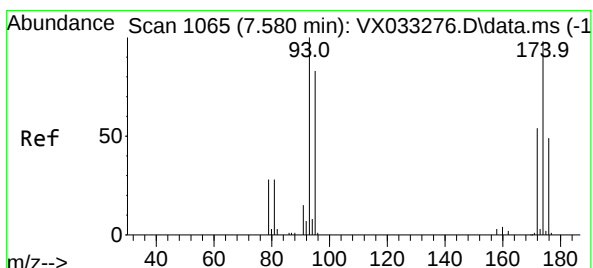
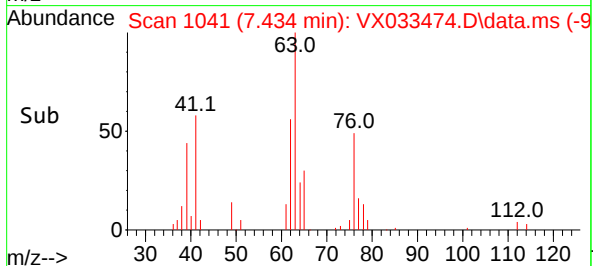
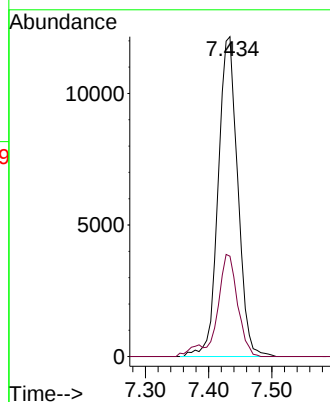
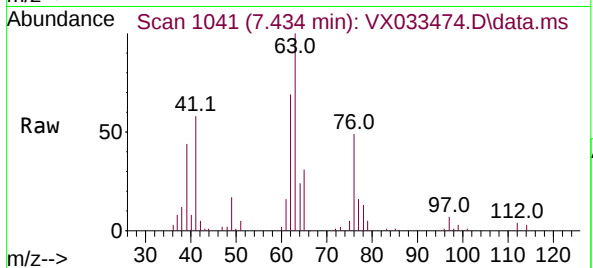
65 31.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#46

Dibromomethane

Concen: 19.560 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.007 min

Lab File: VX033474.D

Acq: 19 Dec 2022 11:14

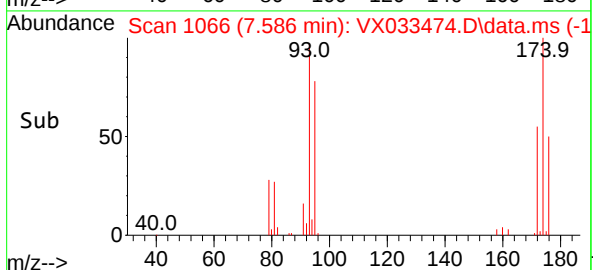
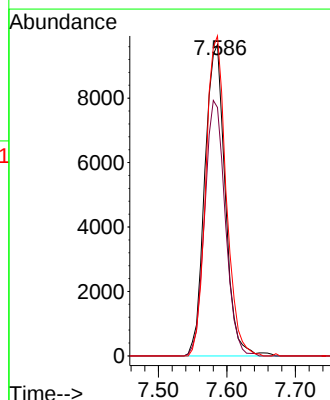
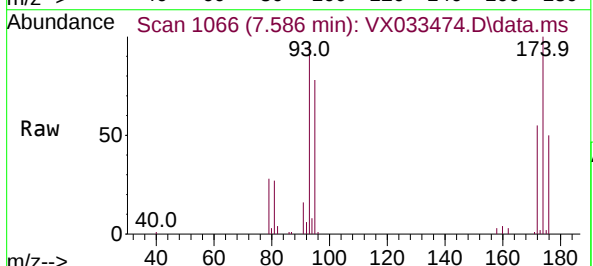
Tgt Ion: 93 Resp: 19949

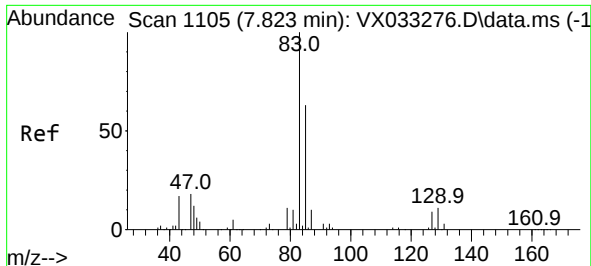
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.8

174 102.0 79.8 119.6





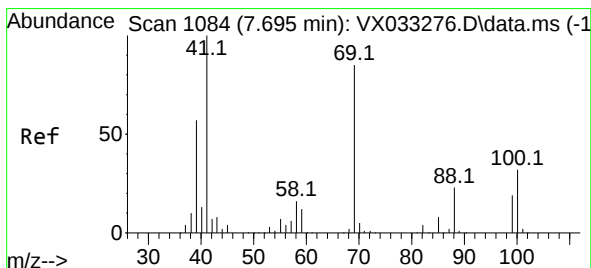
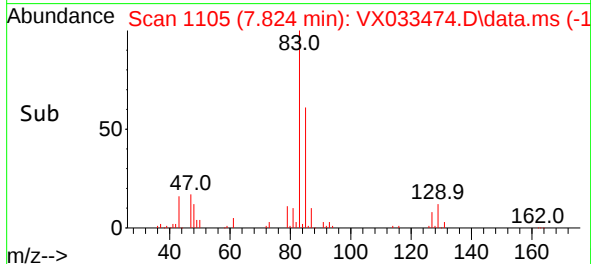
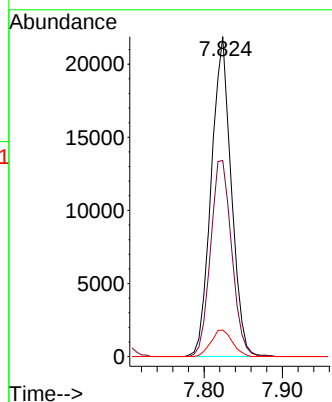
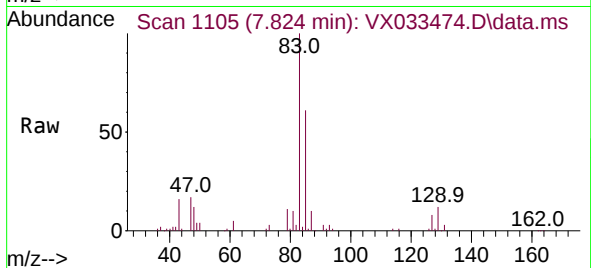
#47
Bromodichloromethane
Concen: 19.545 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01

Tgt Ion: 83 Resp: 38858
Ion Ratio Lower Upper
83 100
85 61.3 52.2 78.4
127 8.3 7.4 11.2

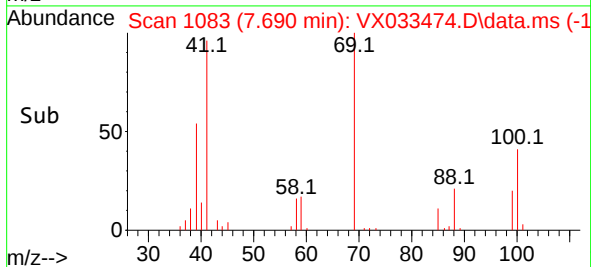
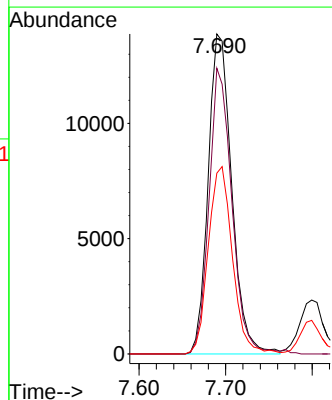
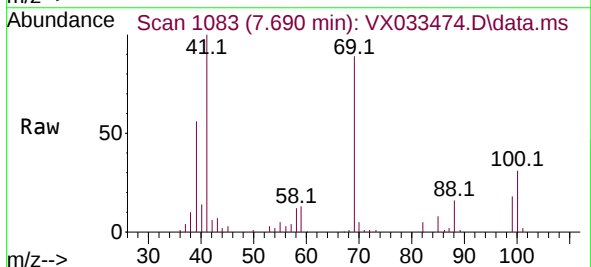
Manual Integrations
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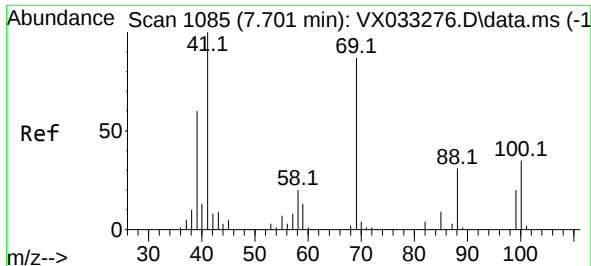
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#48
Methyl methacrylate
Concen: 18.632 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Tgt Ion: 41 Resp: 26260
Ion Ratio Lower Upper
41 100
69 86.8 65.1 97.7
39 60.0 51.9 77.9





#49

1,4-Dioxane

Concen: 362.981 ug/l

RT: 7.714 min Scan# 1085

Delta R.T. 0.013 min

Lab File: VX033474.D

Acq: 19 Dec 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS01

Tgt Ion: 88 Resp: 11666

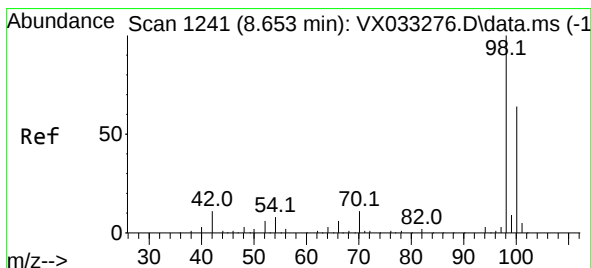
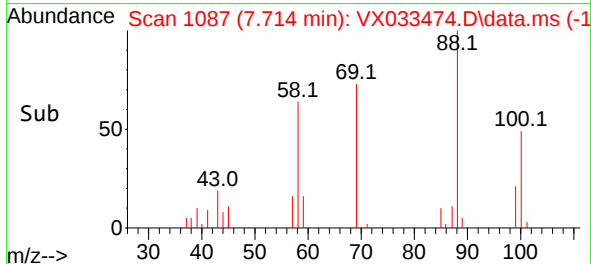
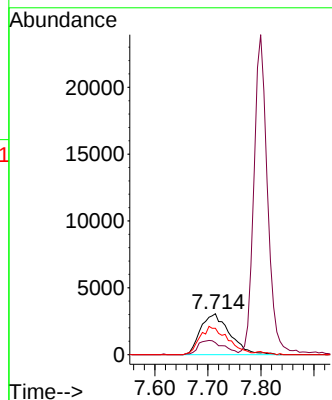
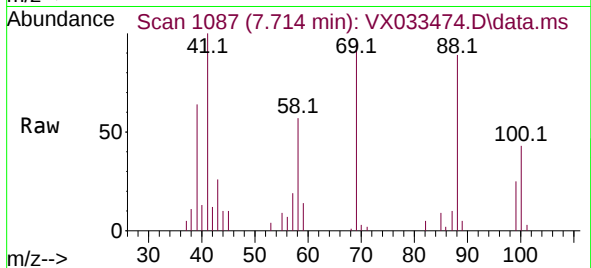
Ion	Ratio	Lower	Upper
88	100		
43	30.4	26.6	39.8
58	66.1	51.7	77.5

Manual Integrations

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Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#50

Toluene-d8

Concen: 45.054 ug/l

RT: 8.647 min Scan# 1240

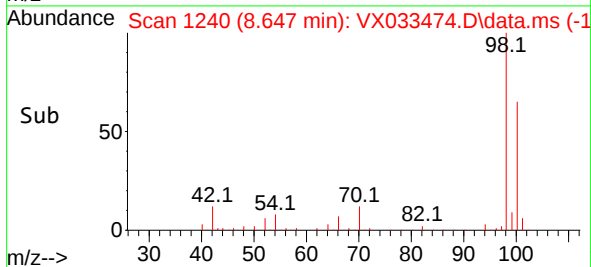
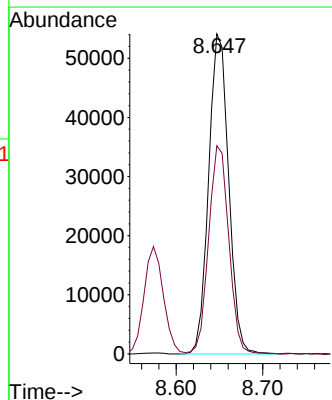
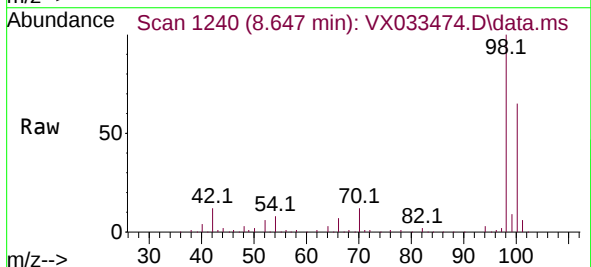
Delta R.T. -0.006 min

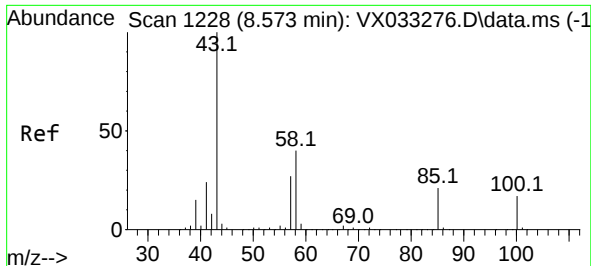
Lab File: VX033474.D

Acq: 19 Dec 2022 11:14

Tgt Ion: 98 Resp: 86798

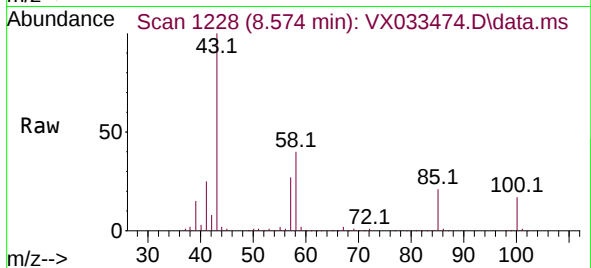
Ion	Ratio	Lower	Upper
98	100		
100	65.5	50.9	76.3





#51
4-Methyl-2-Pentanone
Concen: 96.648 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

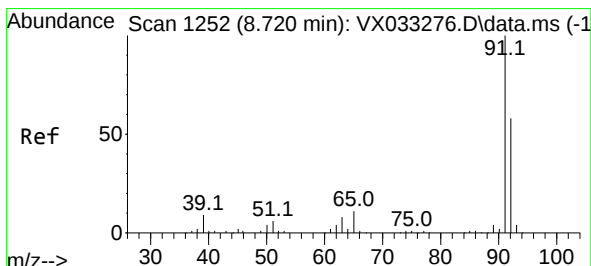
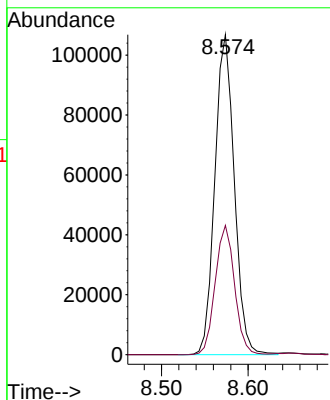
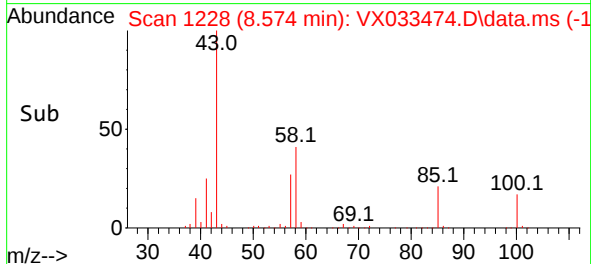
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



Tgt Ion: 43 Resp: 166910
Ion Ratio Lower Upper
43 100
58 40.1 30.9 46.3

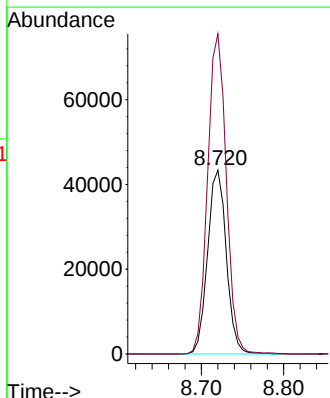
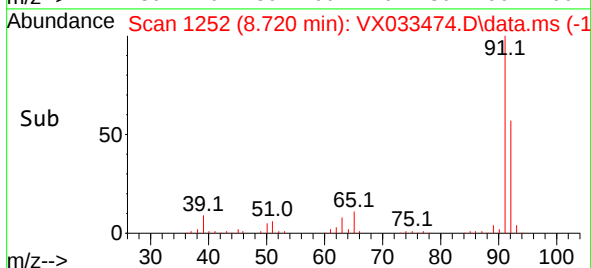
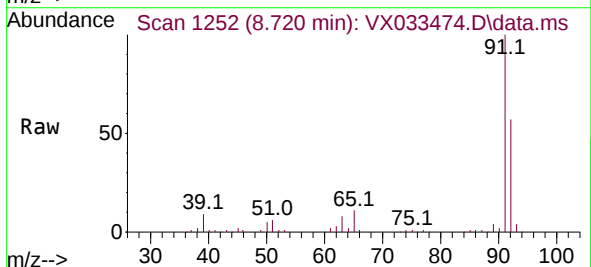
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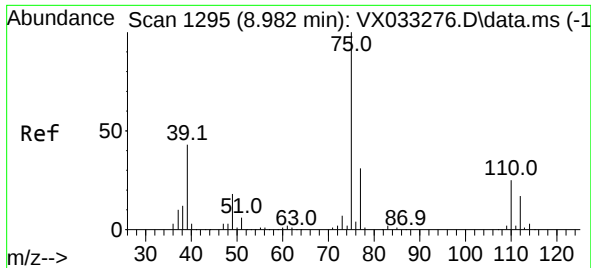
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#52
Toluene
Concen: 20.228 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Tgt Ion: 92 Resp: 68466
Ion Ratio Lower Upper
92 100
91 173.8 138.3 207.5





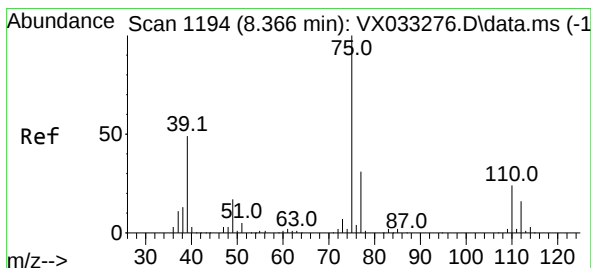
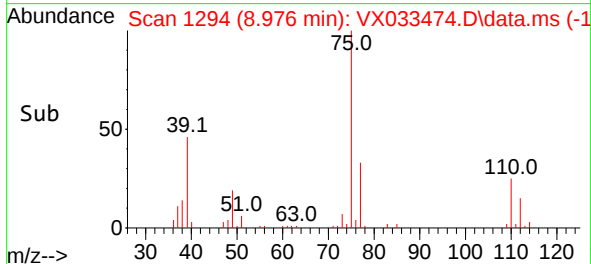
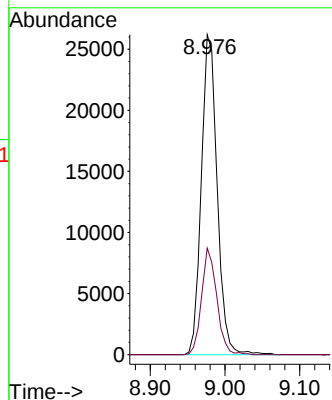
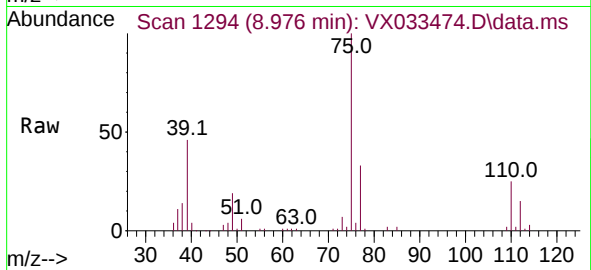
#53
t-1,3-Dichloropropene
Concen: 19.651 ug/l
RT: 8.976 min Scan# 1295
Delta R.T. -0.006 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01

Tgt Ion: 75 Resp: 38550
Ion Ratio Lower Upper
75 100
77 33.3 25.1 37.7

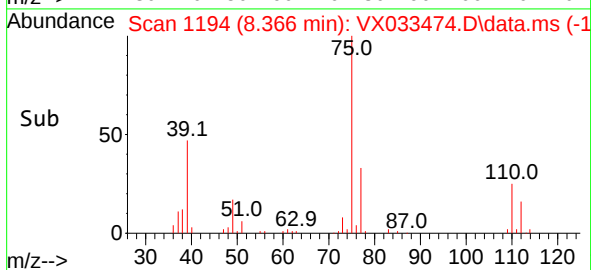
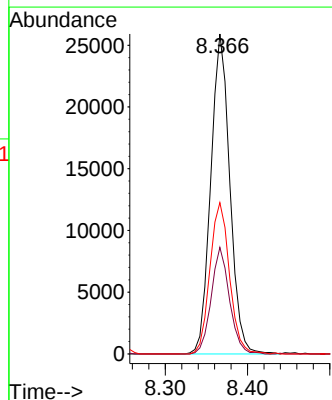
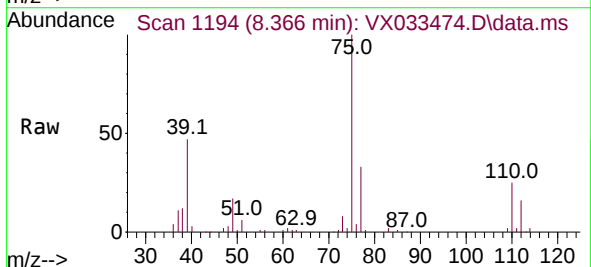
Manual Integrations
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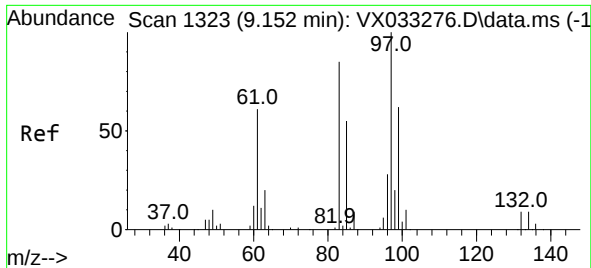
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#54
cis-1,3-Dichloropropene
Concen: 19.736 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

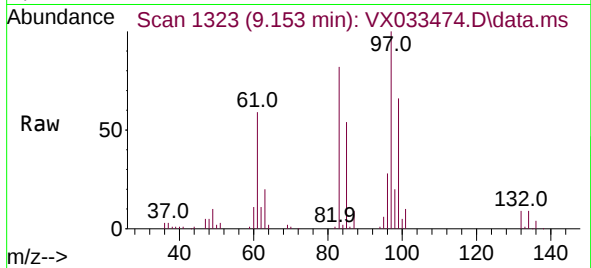
Tgt Ion: 75 Resp: 41754
Ion Ratio Lower Upper
75 100
77 33.3 25.1 37.7
39 47.3 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 19.877 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01

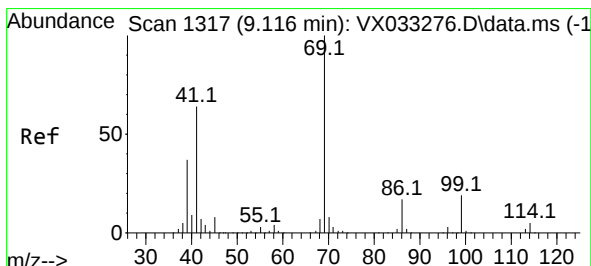
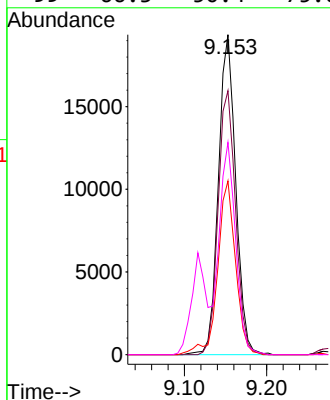
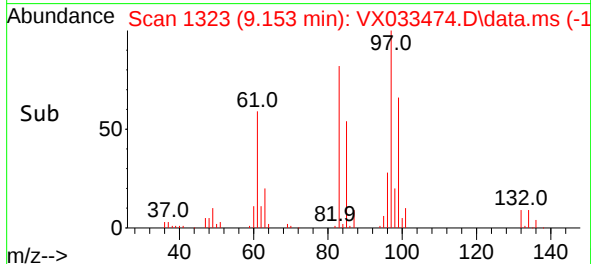


Tgt Ion: 97 Resp: 2828

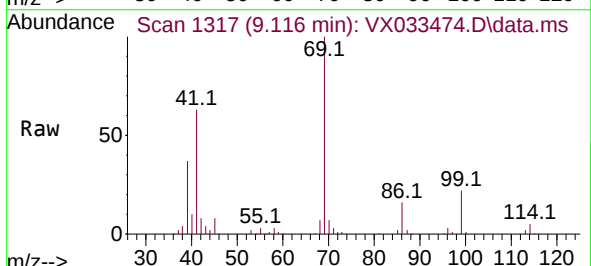
Ion	Ratio	Lower	Upper
97	100		
83	82.5	68.1	102.1
85	54.3	43.3	64.9
99	66.3	50.4	75.6

Manual Integrations
APPROVED

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

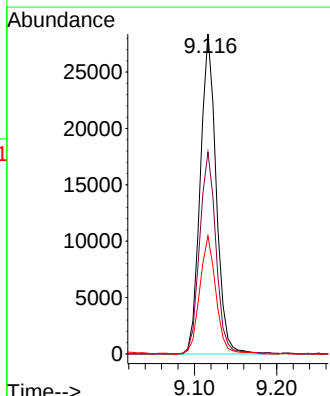
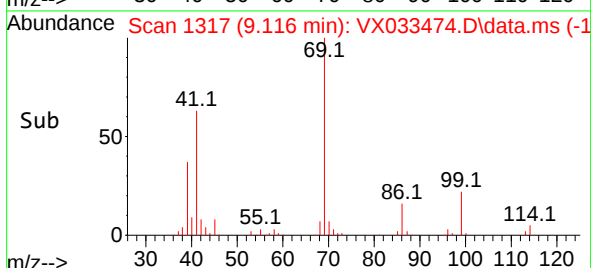


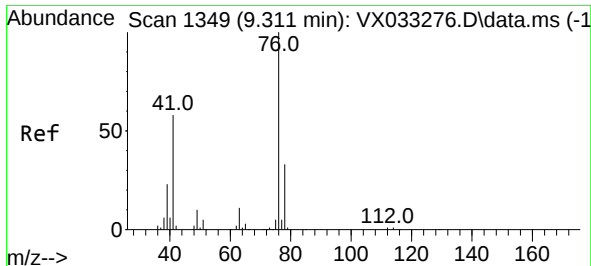
#56
Ethyl methacrylate
Concen: 19.035 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14



Tgt Ion: 69 Resp: 38133

Ion	Ratio	Lower	Upper
69	100		
41	65.3	54.3	81.5
39	37.5	35.2	52.8





#57

1,3-Dichloropropane

Concen: 19.729 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX033474.D

Acq: 19 Dec 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS01

Tgt Ion: 76 Resp: 45093

Ion Ratio Lower Upper

76 100

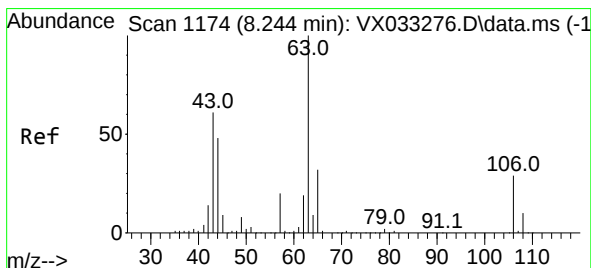
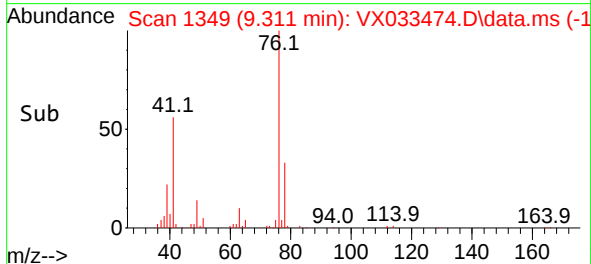
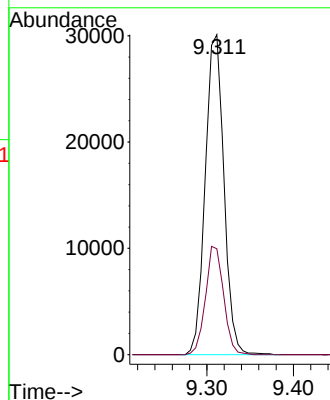
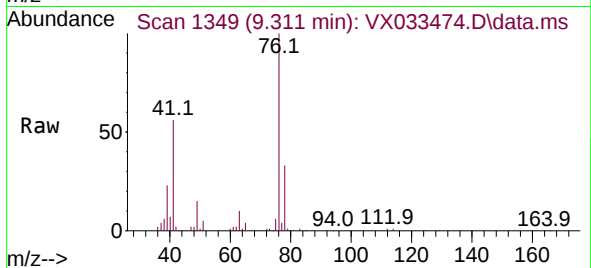
78 32.7 26.0 39.0

Manual Integrations

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Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 90.737 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033474.D

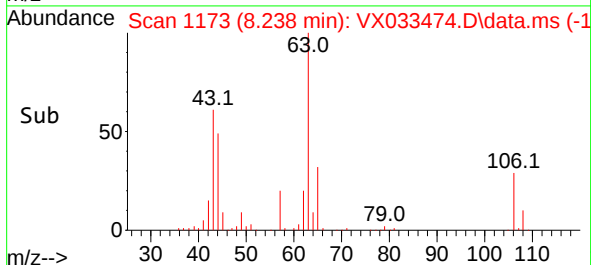
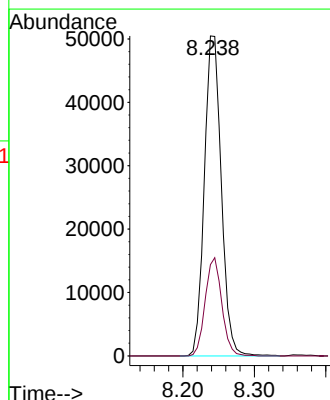
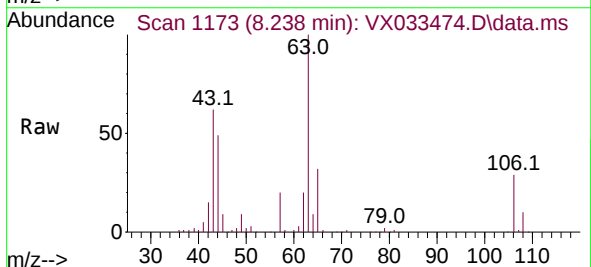
Acq: 19 Dec 2022 11:14

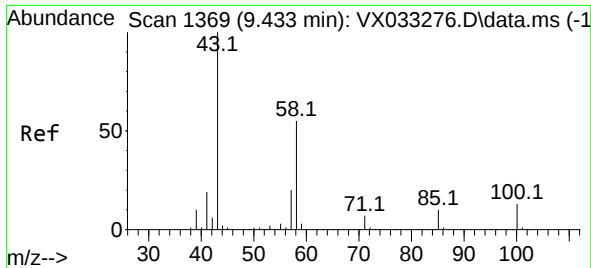
Tgt Ion: 63 Resp: 83171

Ion Ratio Lower Upper

63 100

106 30.0 23.3 34.9





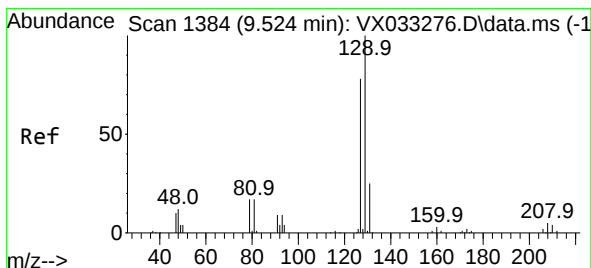
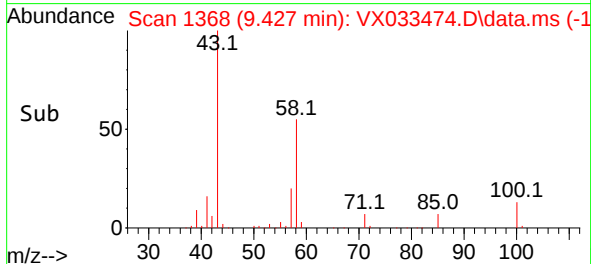
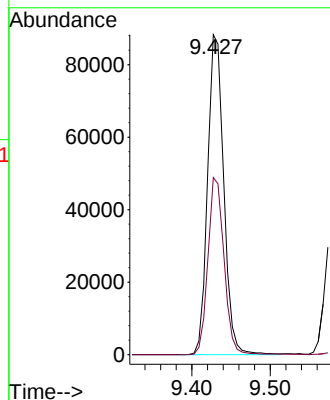
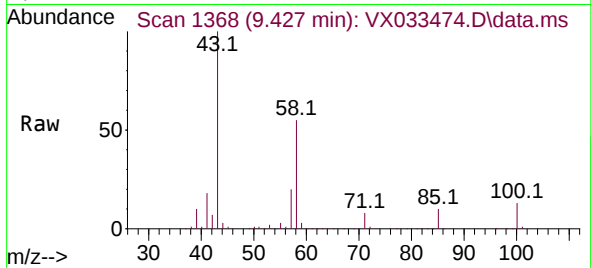
#59
2-Hexanone
Concen: 99.552 ug/l
RT: 9.427 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01

Tgt Ion: 43 Resp: 126697
Ion Ratio Lower Upper
43 100
58 55.2 26.5 79.5

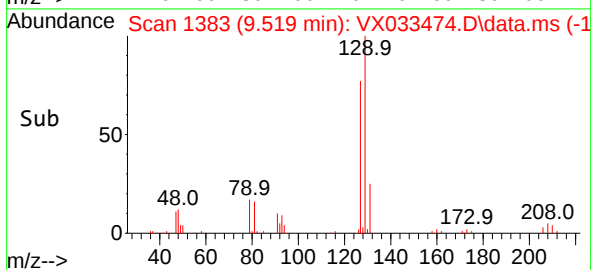
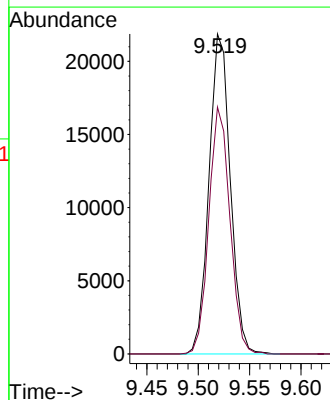
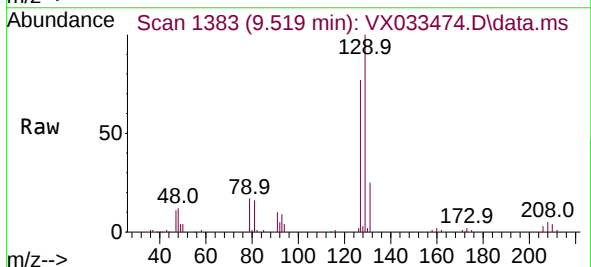
Manual Integrations
APPROVED

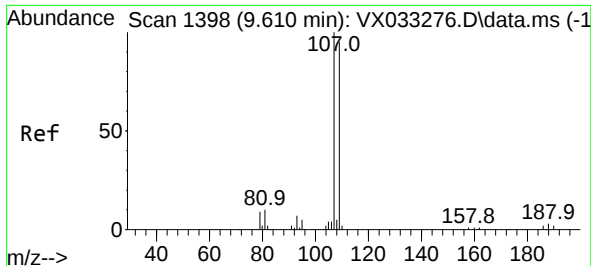
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#60
Dibromochloromethane
Concen: 20.056 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

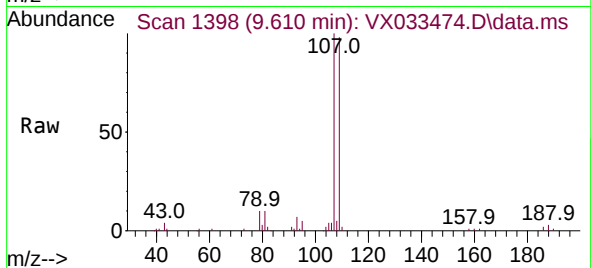
Tgt Ion:129 Resp: 31441
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.8





#61
1,2-Dibromoethane
Concen: 19.505 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

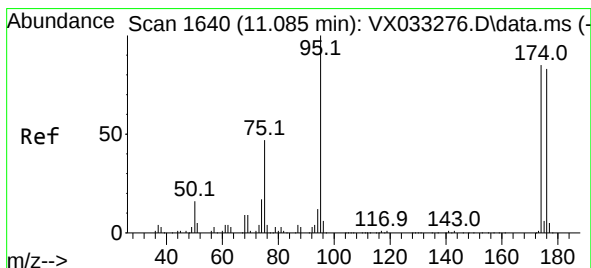
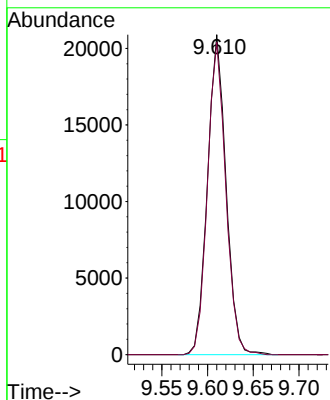
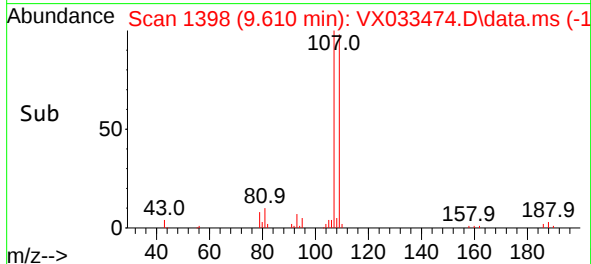
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



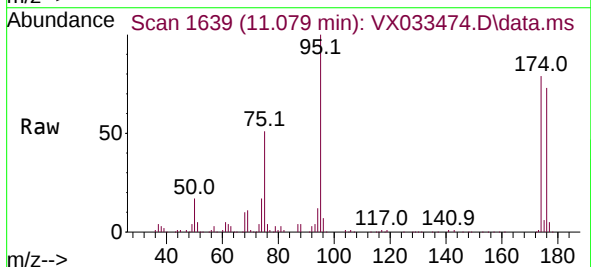
Tgt Ion:107 Resp: 29520
Ion Ratio Lower Upper
107 100
109 96.4 76.0 114.0

Manual Integrations
APPROVED

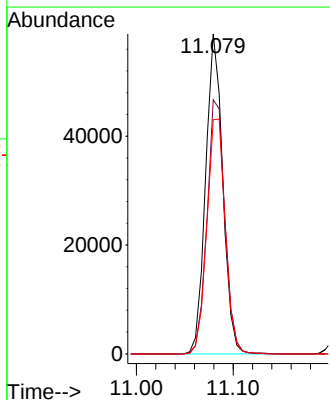
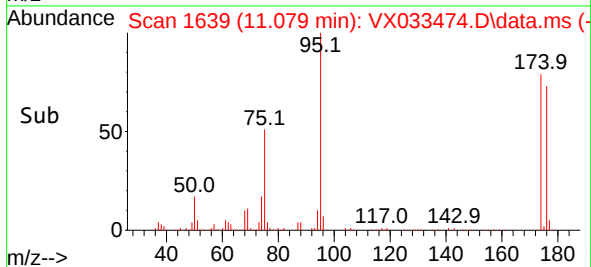
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

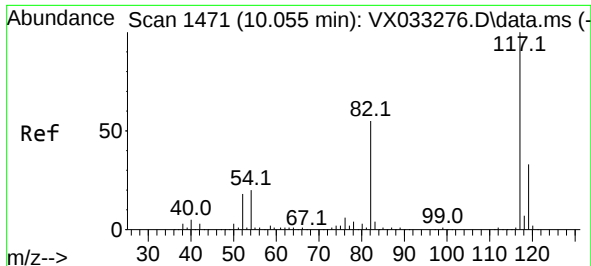


#62
4-Bromofluorobenzene
Concen: 48.960 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14



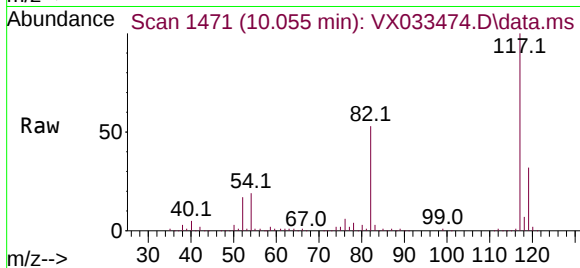
Tgt Ion: 95 Resp: 72121
Ion Ratio Lower Upper
95 100
174 83.2 0.0 164.0
176 79.3 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

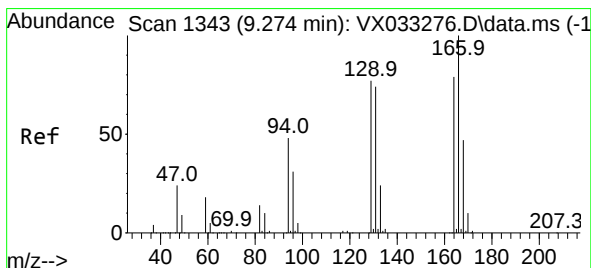
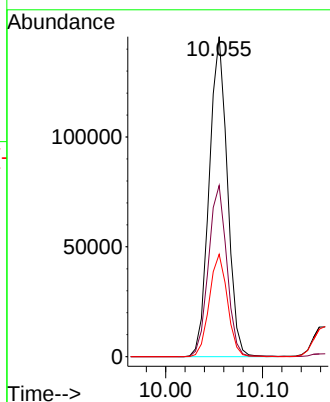
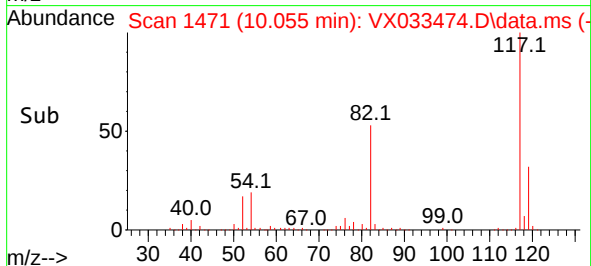
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



Tgt Ion:117 Resp: 18945
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 32.0 25.7 38.5

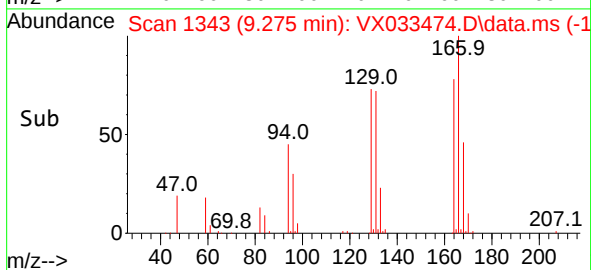
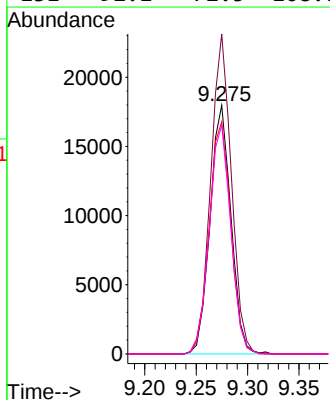
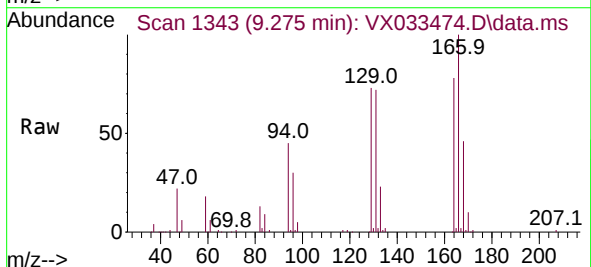
Manual Integrations
APPROVED

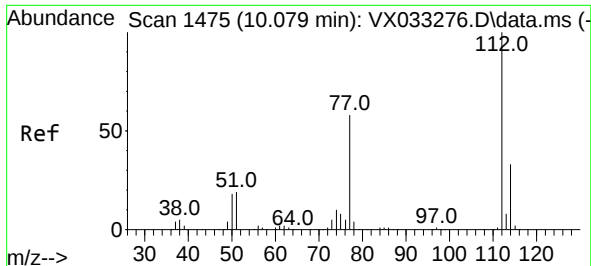
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#64
Tetrachloroethene
Concen: 19.625 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Tgt Ion:164 Resp: 25423
Ion Ratio Lower Upper
164 100
166 128.8 105.4 158.2
129 93.4 78.2 117.2
131 92.1 72.5 108.7





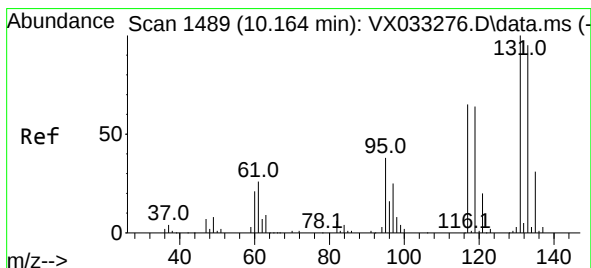
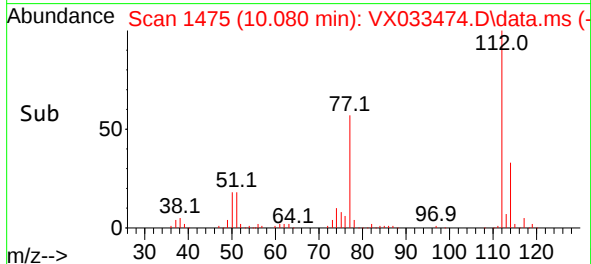
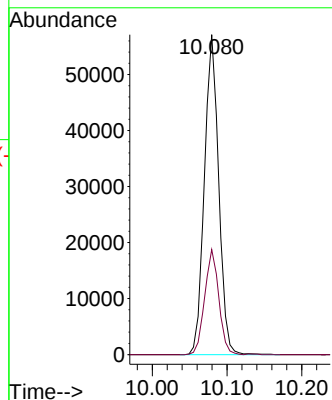
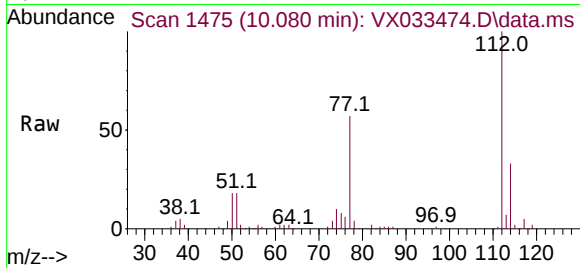
#65
Chlorobenzene
Concen: 19.773 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01

Tgt Ion:112 Resp: 75856
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2

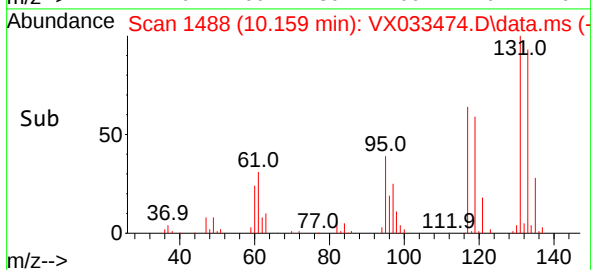
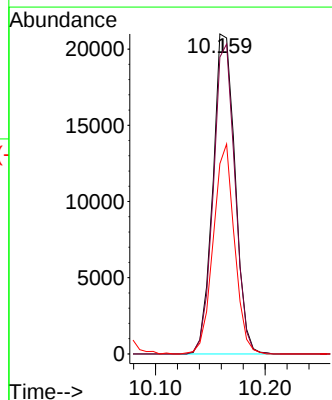
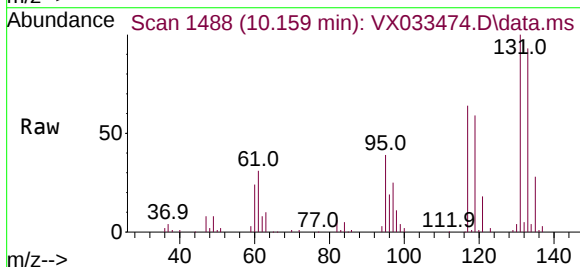
Manual Integrations
APPROVED

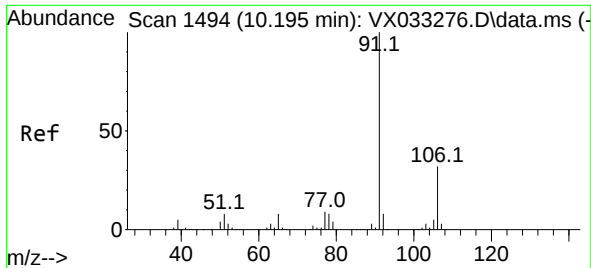
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.376 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

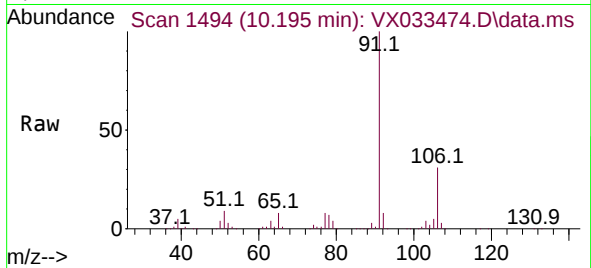
Tgt Ion:131 Resp: 29541
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 62.6 32.4 97.0





#67
Ethyl Benzene
Concen: 20.332 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

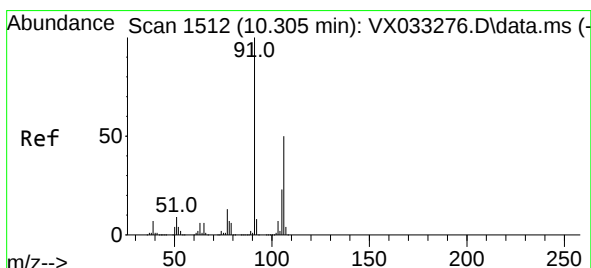
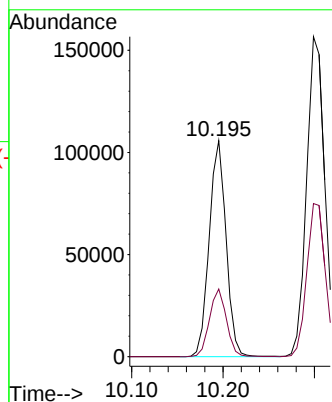
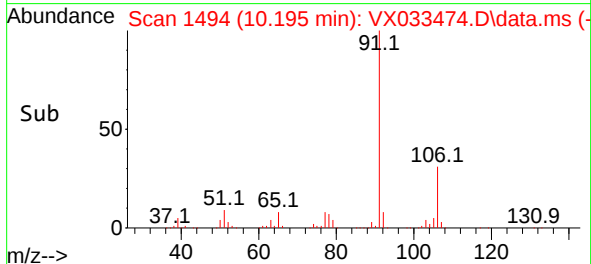
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



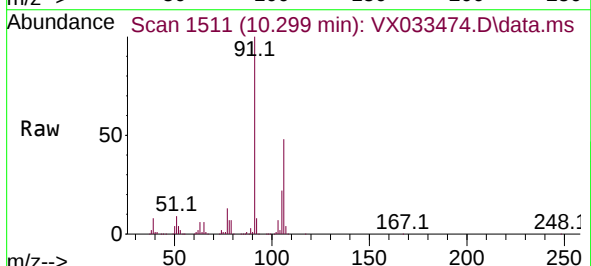
Tgt Ion: 91 Resp: 135891
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

Manual Integrations
APPROVED

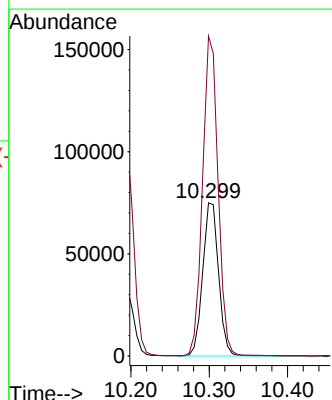
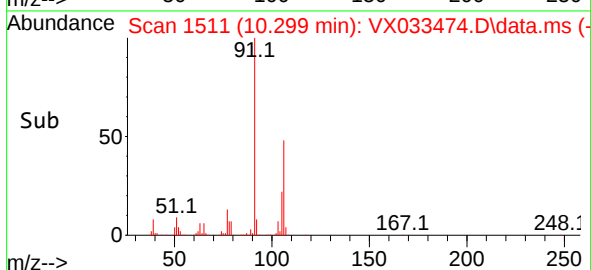
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

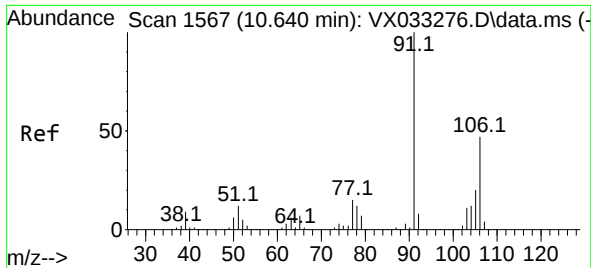


#68
m/p-Xylenes
Concen: 40.517 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14



Tgt Ion:106 Resp: 105359
Ion Ratio Lower Upper
106 100
91 204.2 164.5 246.7





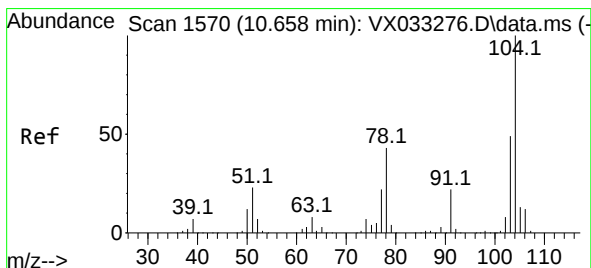
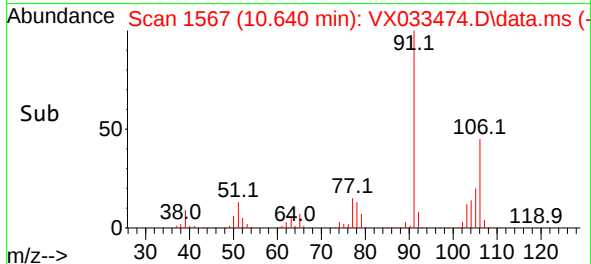
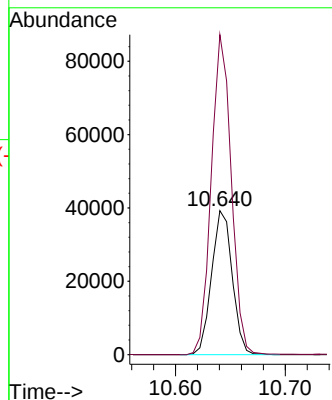
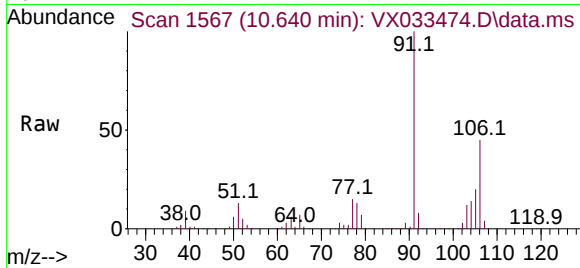
#69
o-Xylene
Concen: 19.999 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01

Tgt Ion:106 Resp: 51404
Ion Ratio Lower Upper
106 100
91 215.8 109.2 327.6

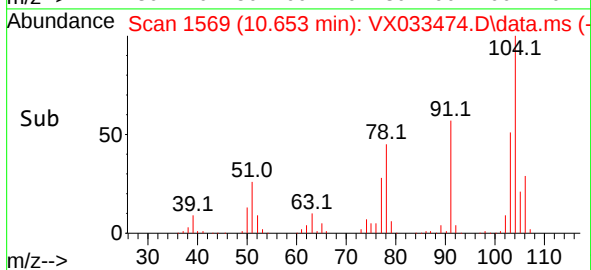
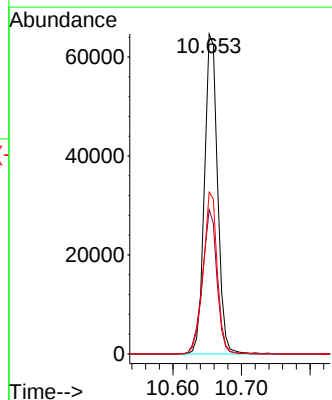
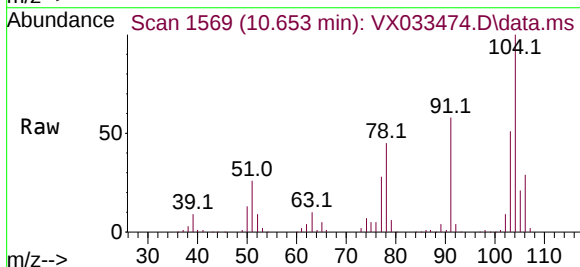
Manual Integrations
APPROVED

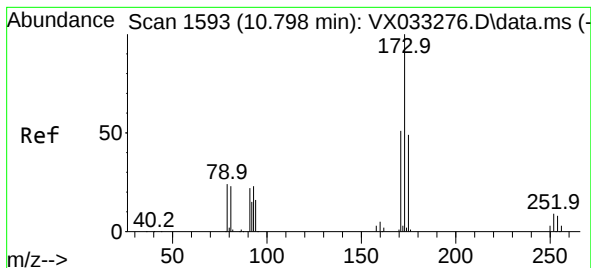
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#70
Styrene
Concen: 20.364 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Tgt Ion:104 Resp: 85725
Ion Ratio Lower Upper
104 100
78 49.6 41.8 62.8
103 54.1 44.5 66.7





#71

Bromoform

Concen: 19.883 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033474.D

Acq: 19 Dec 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS01

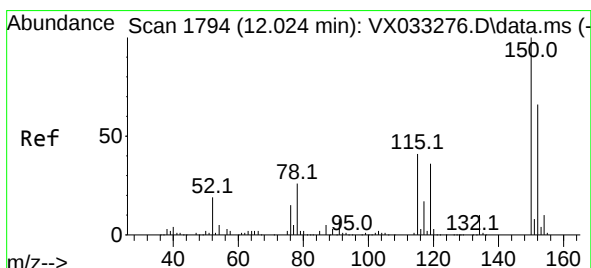
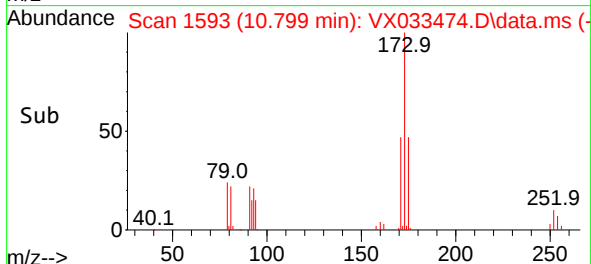
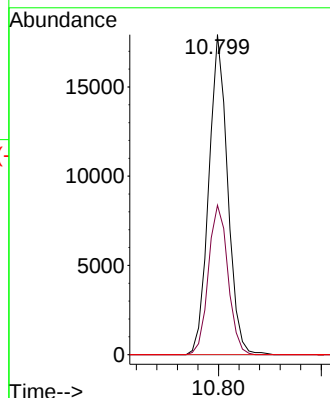
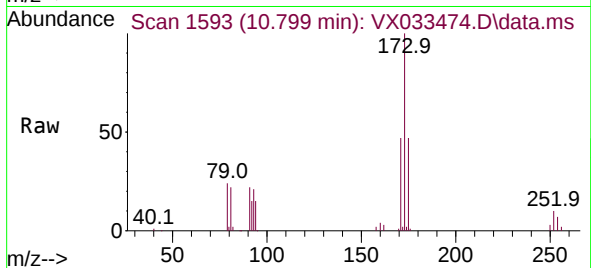
Tgt Ion:173	Resp:	2281
Ion Ratio	Lower	Upper
173	100	
175	48.4	23.9 71.8
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

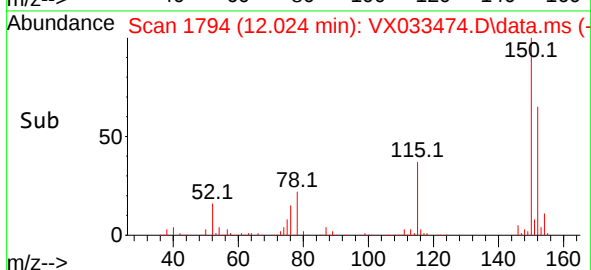
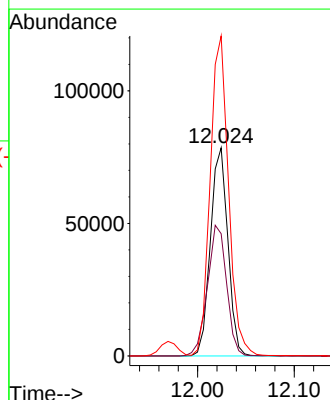
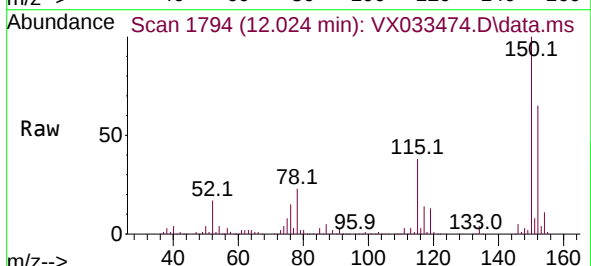
RT: 12.024 min Scan# 1794

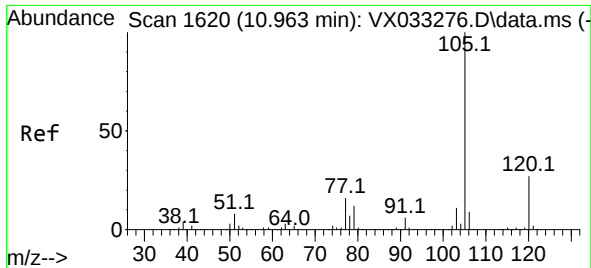
Delta R.T. 0.000 min

Lab File: VX033474.D

Acq: 19 Dec 2022 11:14

Tgt Ion:152	Resp:	98138
Ion Ratio	Lower	Upper
152	100	
115	68.9	44.0 132.0
150	161.8	0.0 351.8





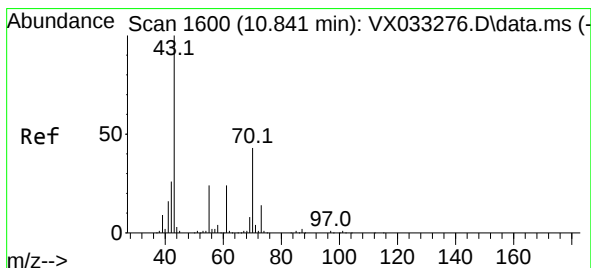
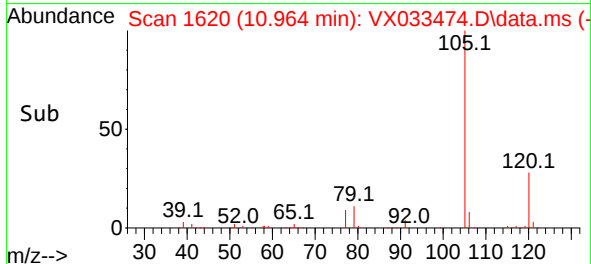
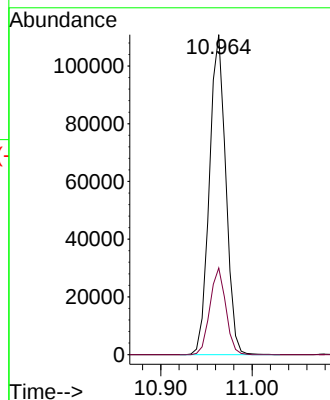
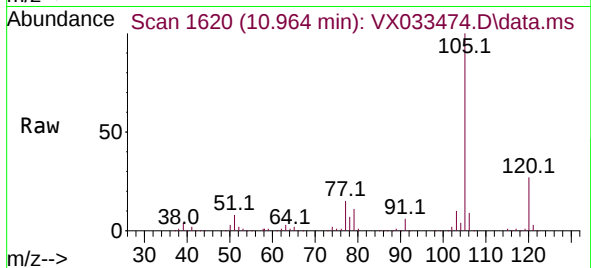
#73
Isopropylbenzene
Concen: 19.453 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01

Tgt Ion:105 Resp: 138376
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

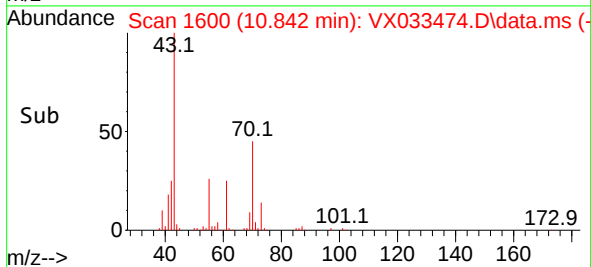
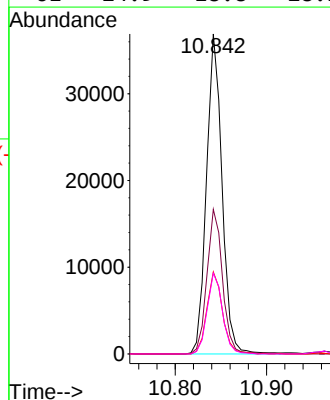
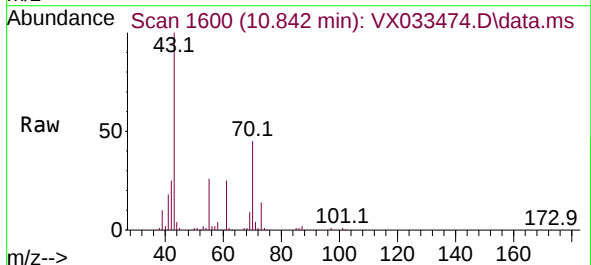
Manual Integrations
APPROVED

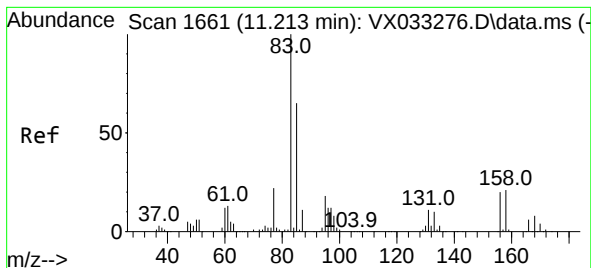
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#74
N-ethyl acetate
Concen: 18.029 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Tgt Ion: 43 Resp: 43754
Ion Ratio Lower Upper
43 100
70 45.4 33.6 50.4
55 25.8 19.4 29.2
61 24.9 18.8 28.2





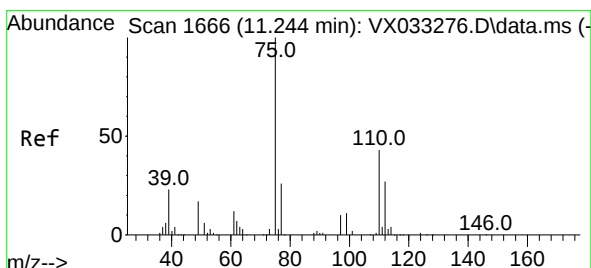
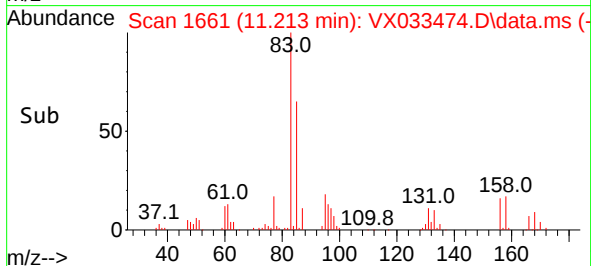
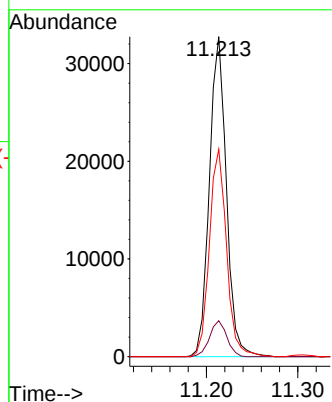
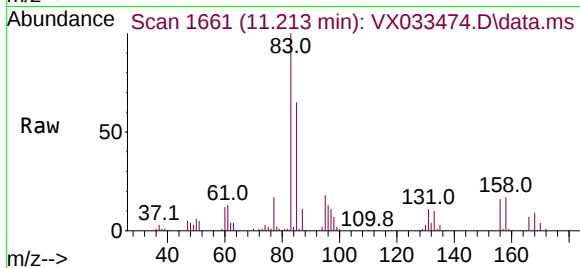
#75
1,1,2,2-Tetrachloroethane
Concen: 18.795 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01

Tgt Ion: 83 Resp: 42412
Ion Ratio Lower Upper
83 100
131 11.4 5.4 16.2
85 65.4 31.9 95.9

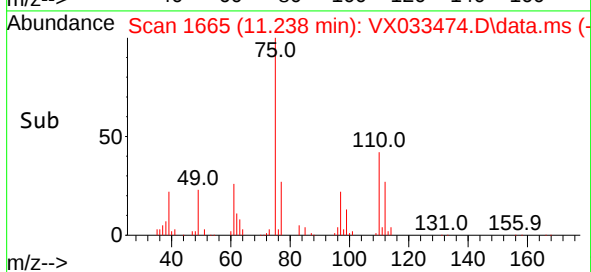
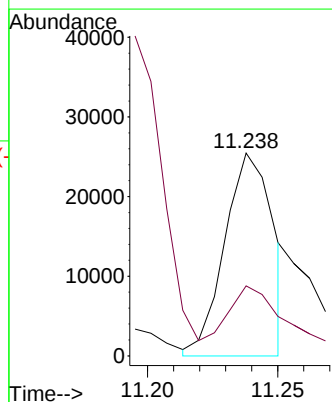
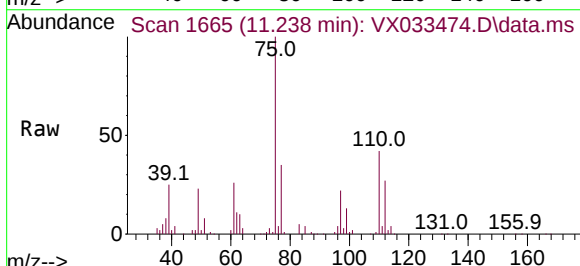
Manual Integrations
APPROVED

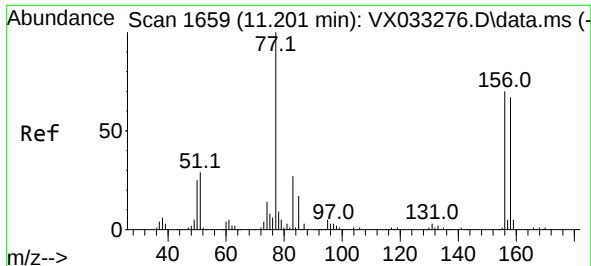
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#76
1,2,3-Trichloropropane
Concen: 16.462 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

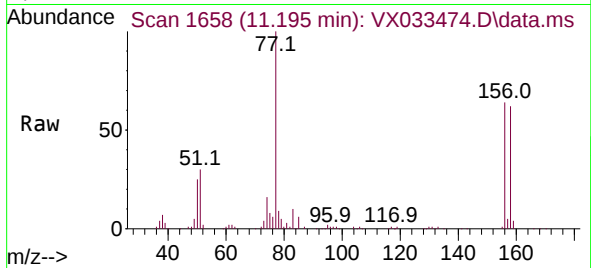
Tgt Ion: 75 Resp: 32869
Ion Ratio Lower Upper
75 100
77 44.1 20.0 60.0





#77
Bromobenzene
Concen: 19.109 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

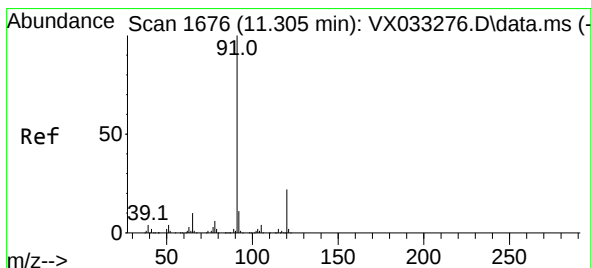
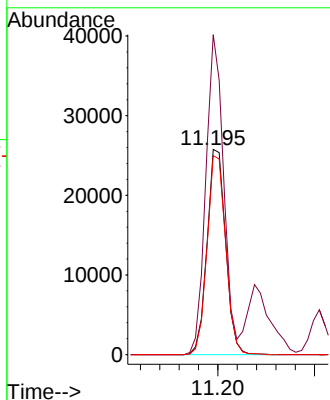
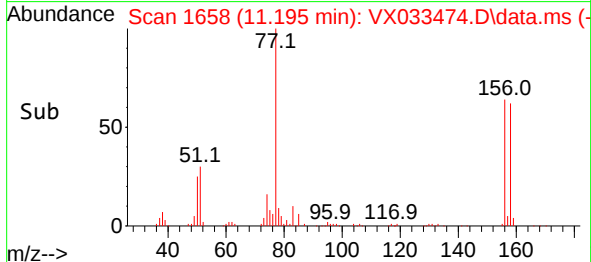
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



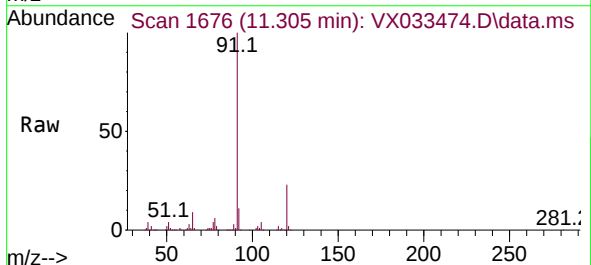
Tgt Ion:156 Resp: 34324
Ion Ratio Lower Upper
156 100
77 148.9 76.1 228.4
158 97.1 48.8 146.3

Manual Integrations
APPROVED

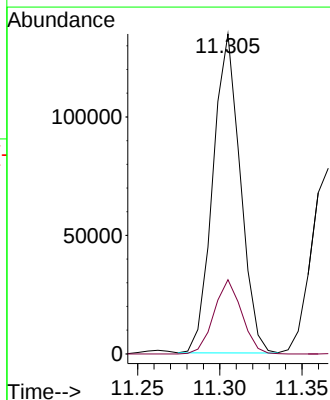
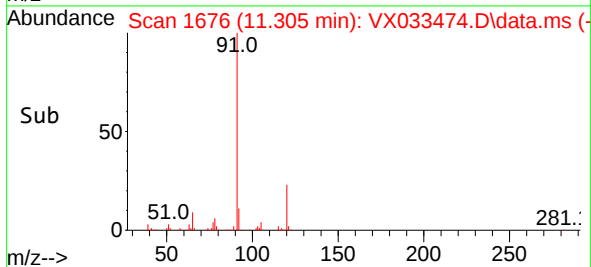
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

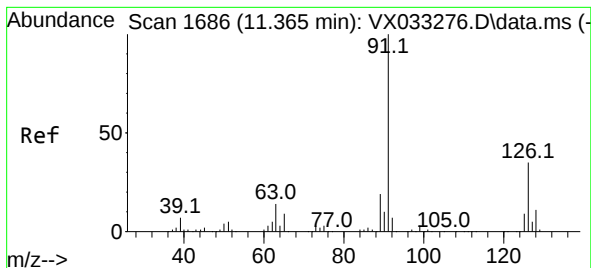


#78
n-propylbenzene
Concen: 19.643 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14



Tgt Ion: 91 Resp: 156010
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8





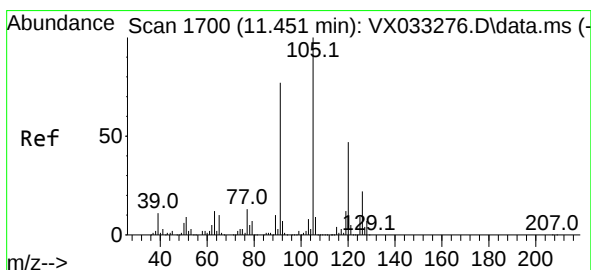
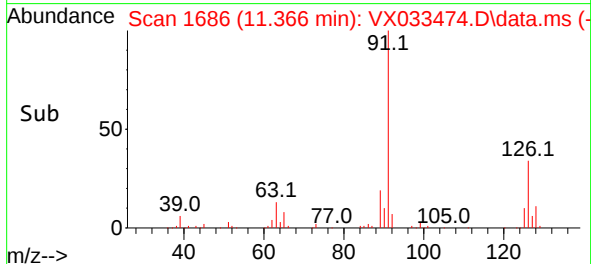
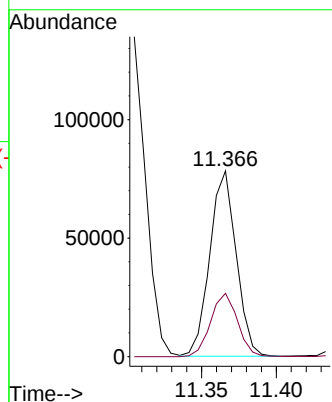
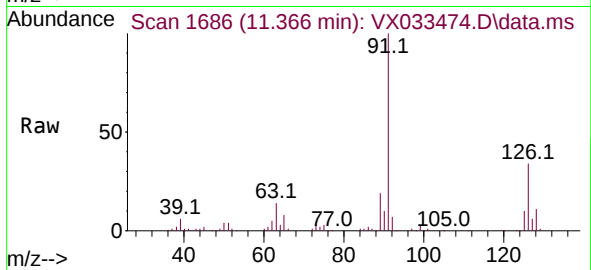
#79
2-Chlorotoluene
Concen: 19.598 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01

Tgt Ion: 91 Resp: 96199
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2

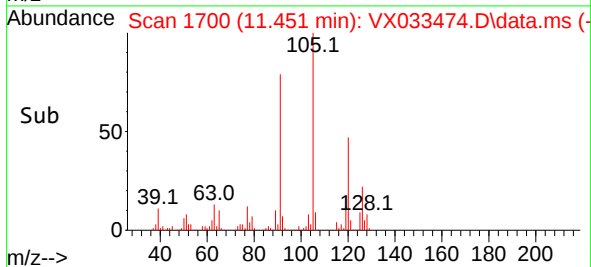
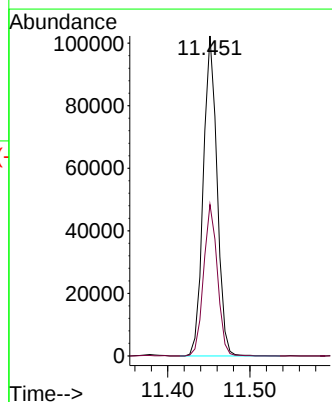
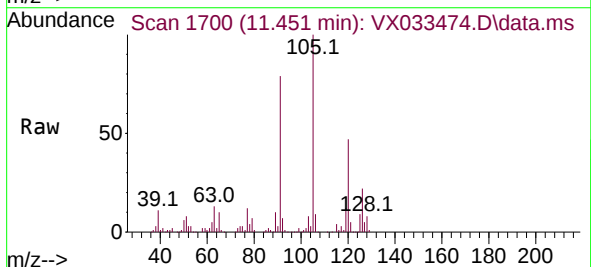
Manual Integrations
APPROVED

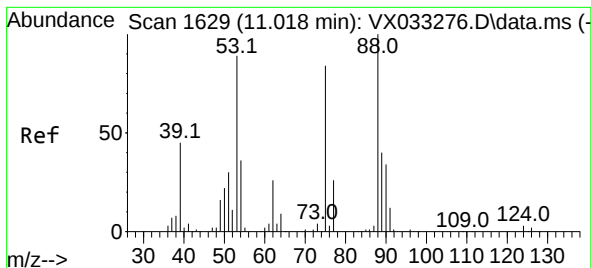
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.067 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

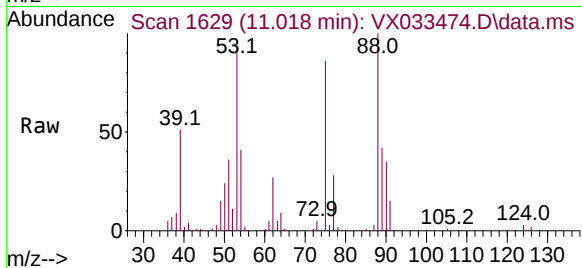
Tgt Ion:105 Resp: 118815
Ion Ratio Lower Upper
105 100
120 47.3 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 16.652 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

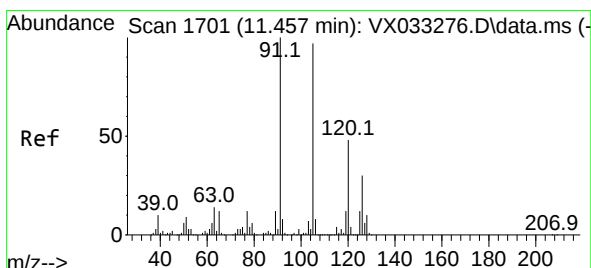
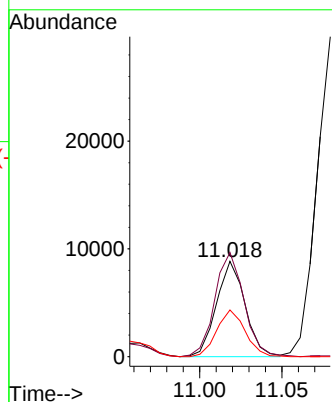
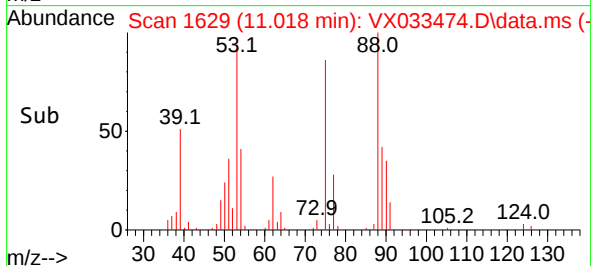
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



Tgt Ion: 75 Resp: 10688
Ion Ratio Lower Upper
75 100
53 111.6 86.9 130.3
89 48.6 38.3 57.5

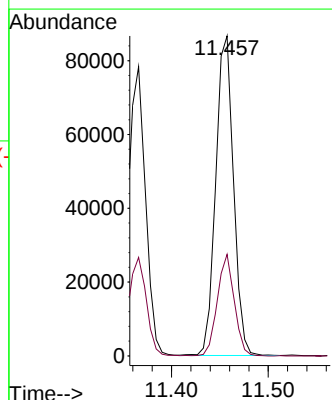
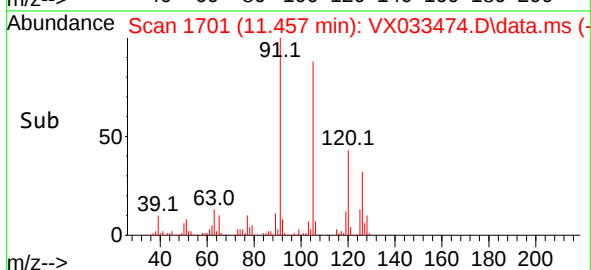
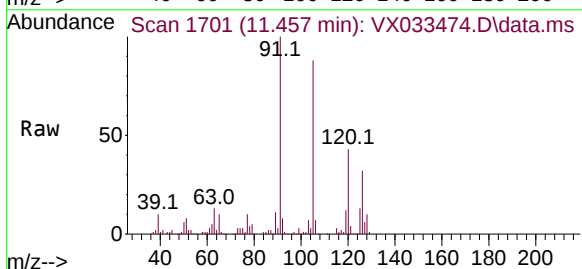
Manual Integrations
APPROVED

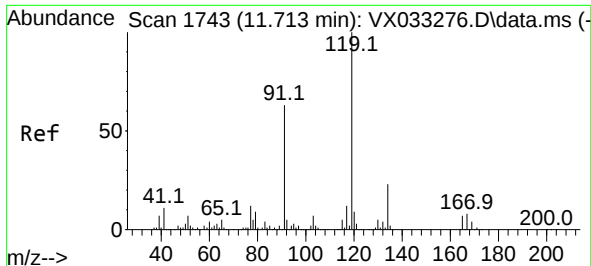
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#82
4-Chlorotoluene
Concen: 19.383 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

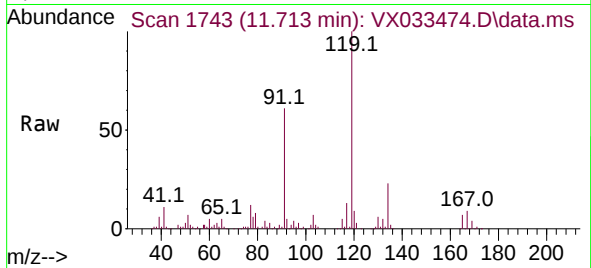
Tgt Ion: 91 Resp: 110628
Ion Ratio Lower Upper
91 100
126 30.3 14.8 44.4





#83
tert-Butylbenzene
Concen: 19.480 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

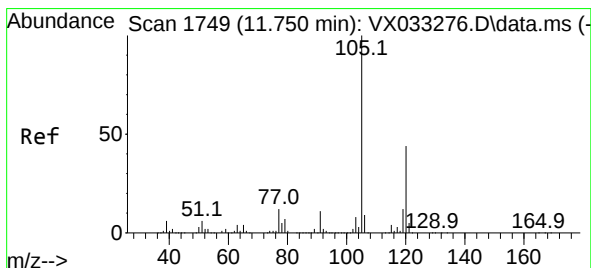
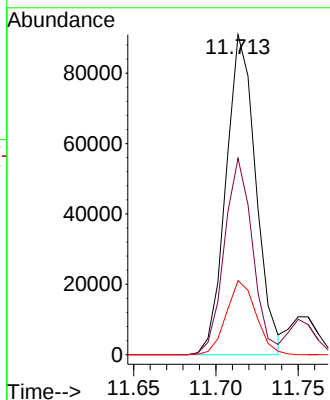
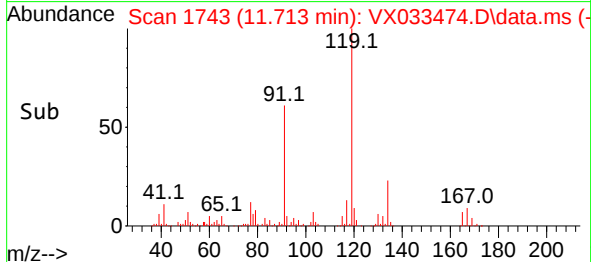
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



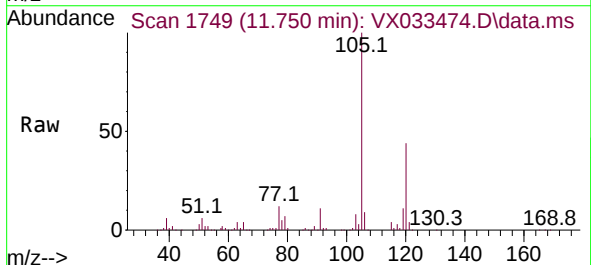
Tgt Ion:119 Resp: 115016
Ion Ratio Lower Upper
119 100
91 58.3 29.4 88.2
134 22.9 11.0 33.0

Manual Integrations
APPROVED

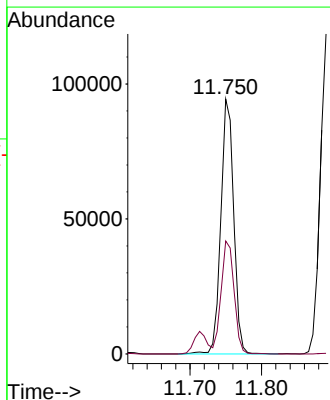
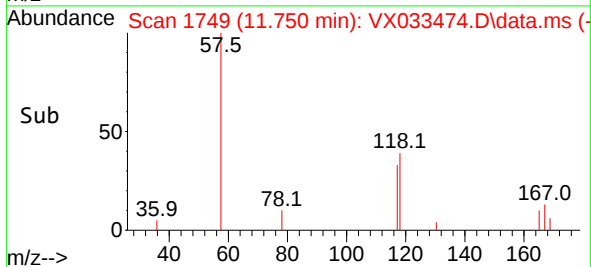
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

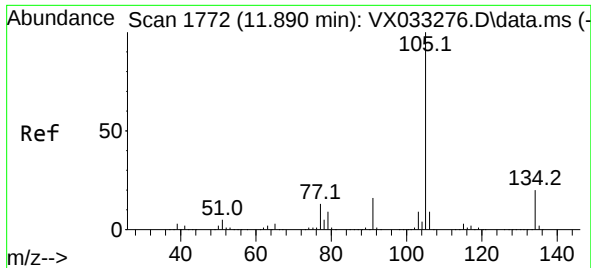


#84
1,2,4-Trimethylbenzene
Concen: 19.906 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14



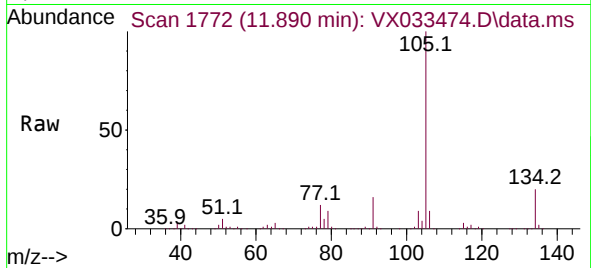
Tgt Ion:105 Resp: 117652
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 20.204 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033474.D
 Acq: 19 Dec 2022 11:14

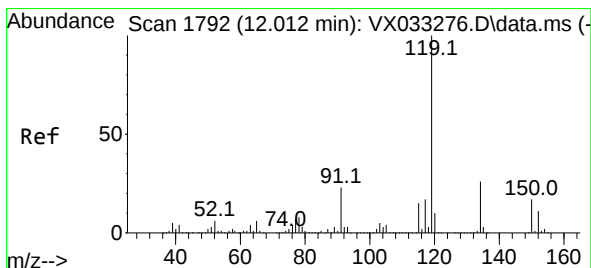
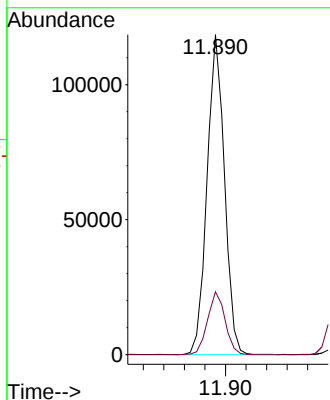
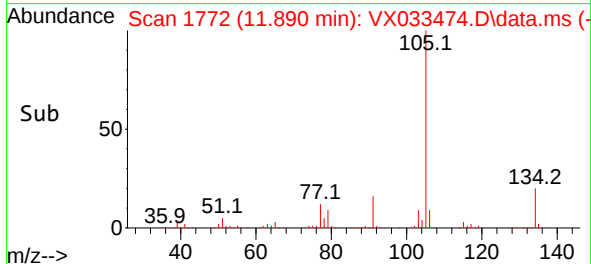
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBS01



Tgt Ion:105 Resp: 139180
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

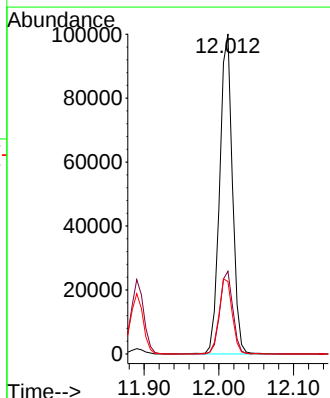
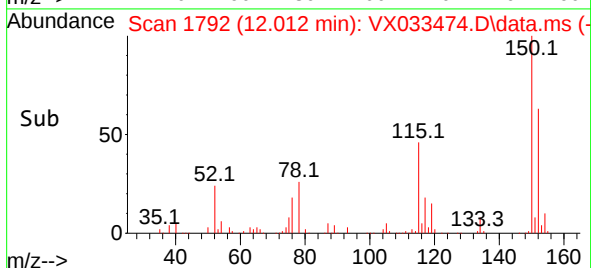
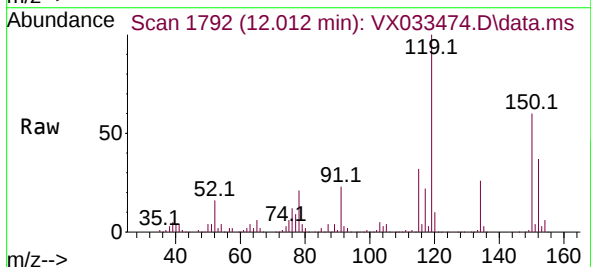
Manual Integrations
 APPROVED

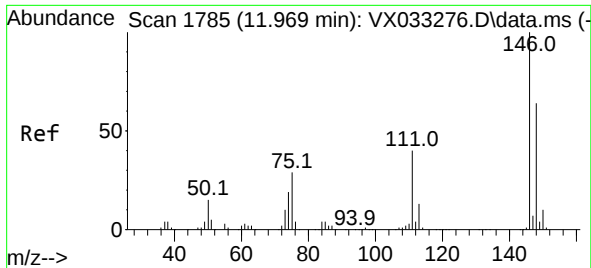
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#86
 p-Isopropyltoluene
 Concen: 20.040 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033474.D
 Acq: 19 Dec 2022 11:14

Tgt Ion:119 Resp: 119024
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 24.2 12.5 37.5





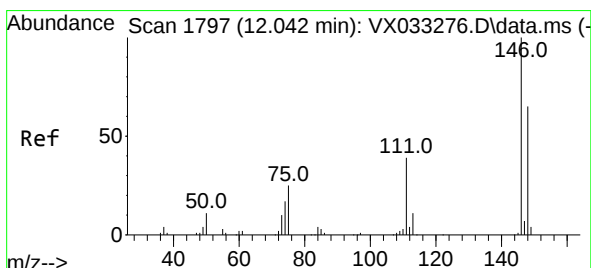
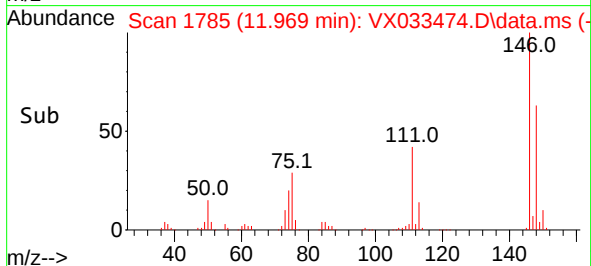
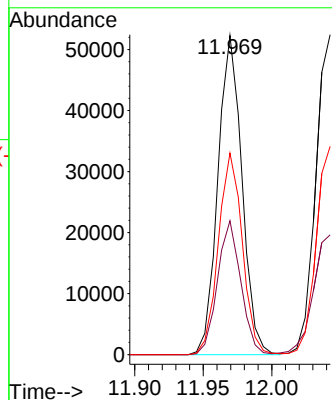
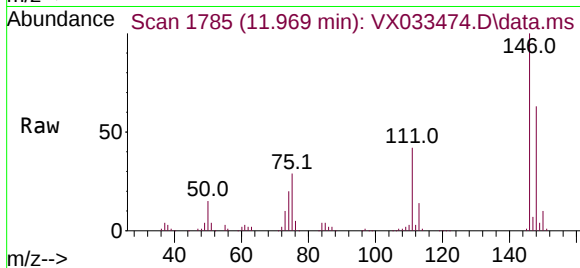
#87
1,3-Dichlorobenzene
Concen: 19.638 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01

Tgt Ion:146 Resp: 63898
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 63.1 31.7 95.1

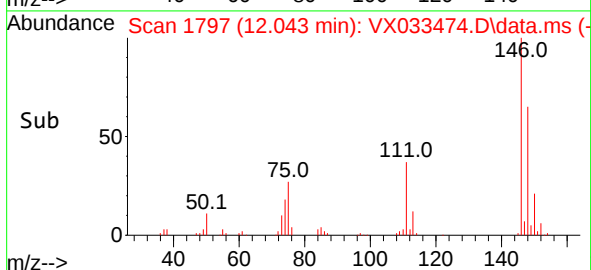
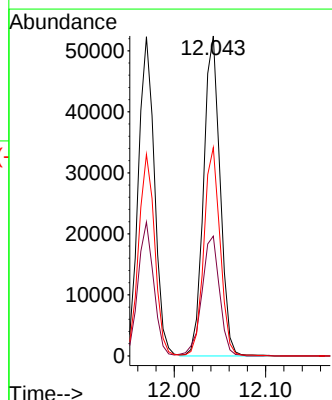
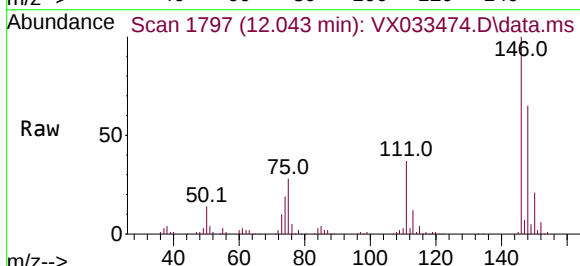
Manual Integrations
APPROVED

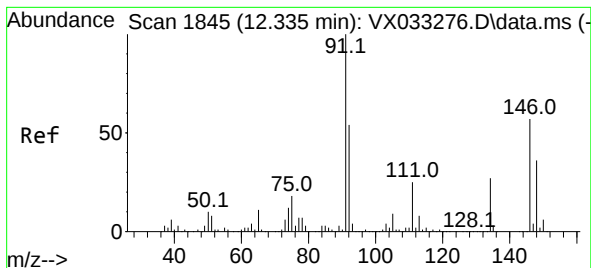
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#88
1,4-Dichlorobenzene
Concen: 19.799 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

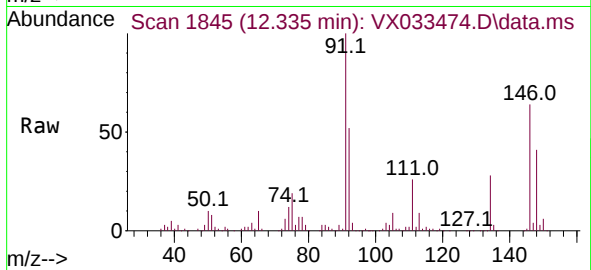
Tgt Ion:146 Resp: 65801
Ion Ratio Lower Upper
146 100
111 40.1 20.5 61.6
148 64.1 32.2 96.6





#89
n-Butylbenzene
Concen: 20.031 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

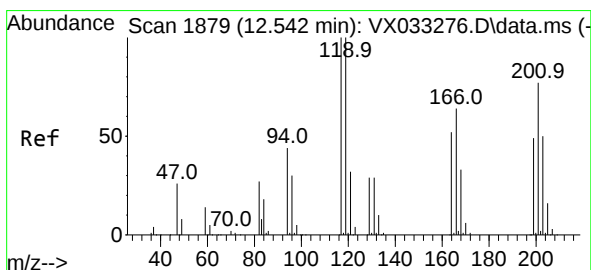
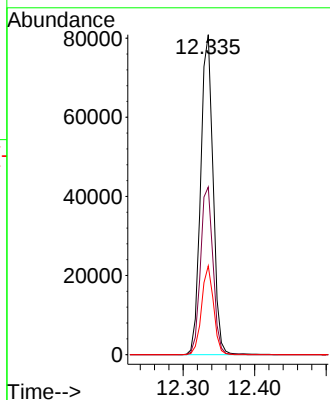
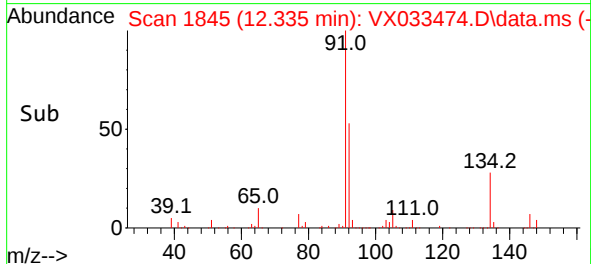
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



Tgt Ion: 91 Resp: 97438
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.6
134 26.7 12.9 38.6

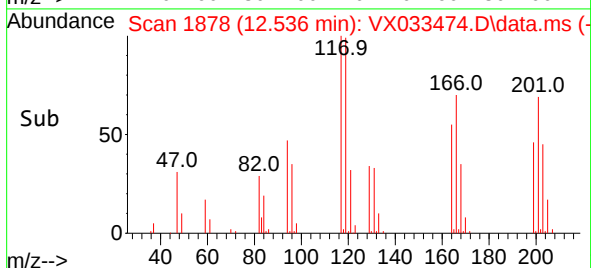
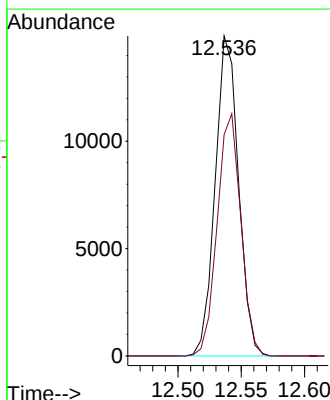
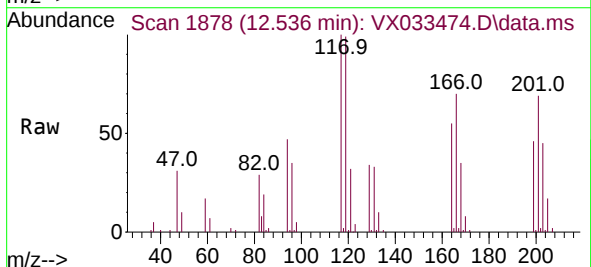
Manual Integrations
APPROVED

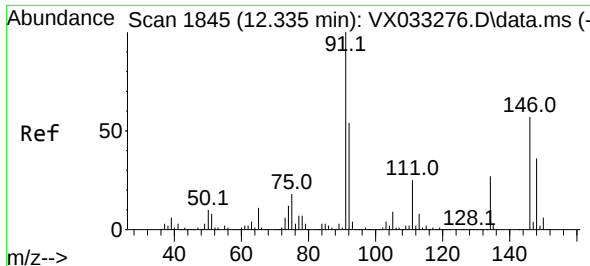
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#90
Hexachloroethane
Concen: 18.931 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

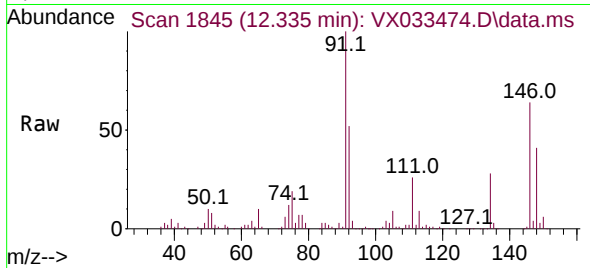
Tgt Ion:117 Resp: 19112
Ion Ratio Lower Upper
117 100
201 76.7 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 19.433 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

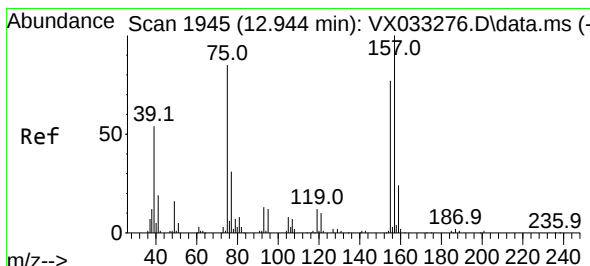
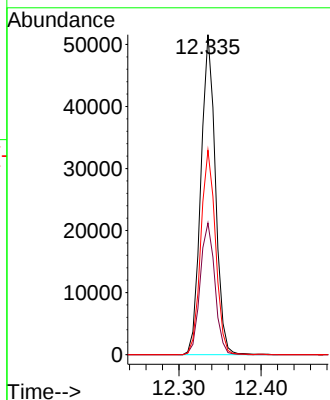
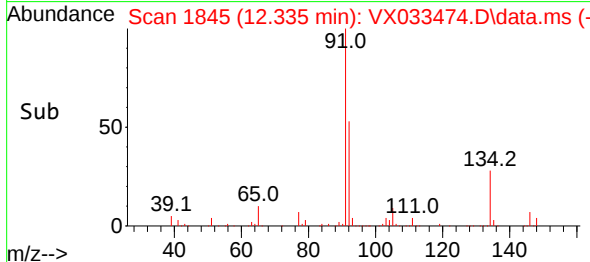
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



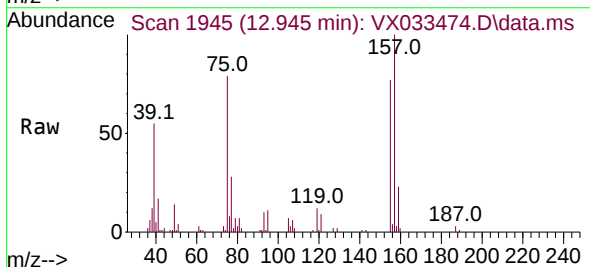
Tgt Ion:146 Resp: 63215
Ion Ratio Lower Upper
146 100
111 41.7 21.5 64.5
148 64.7 32.0 96.2

Manual Integrations
APPROVED

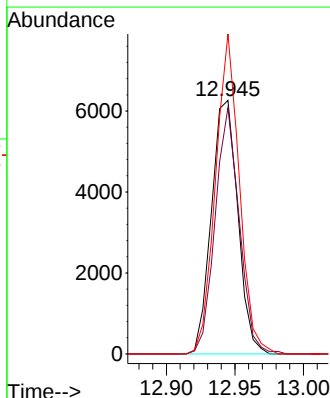
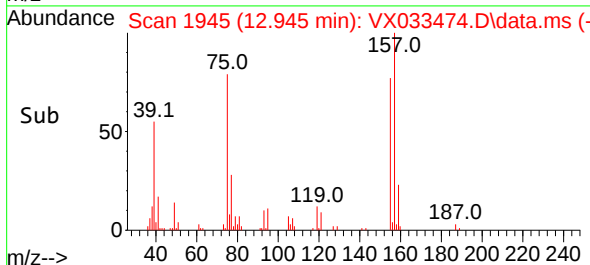
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

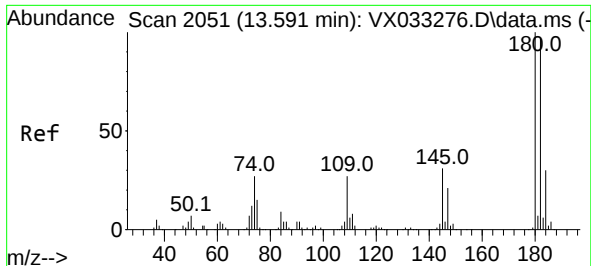


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.227 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14



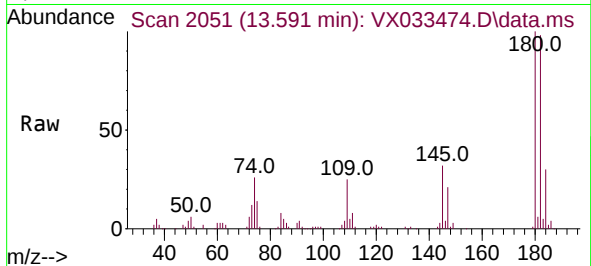
Tgt Ion: 75 Resp: 8397
Ion Ratio Lower Upper
75 100
155 88.8 41.6 124.8
157 113.9 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 19.149 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

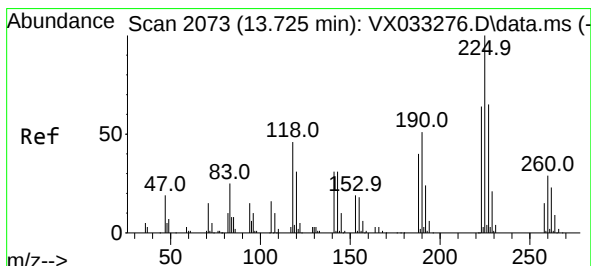
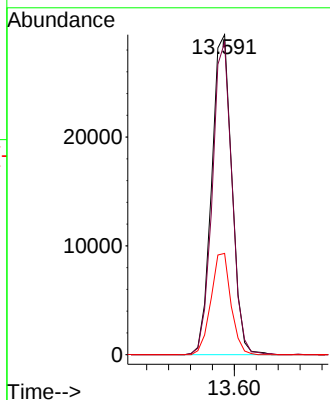
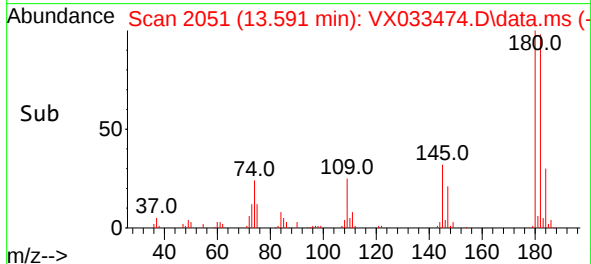
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



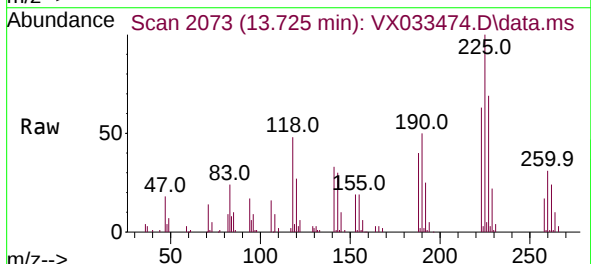
Tgt Ion:180 Resp: 37620
Ion Ratio Lower Upper
180 100
182 95.1 48.4 145.0
145 31.3 16.2 48.5

Manual Integrations
APPROVED

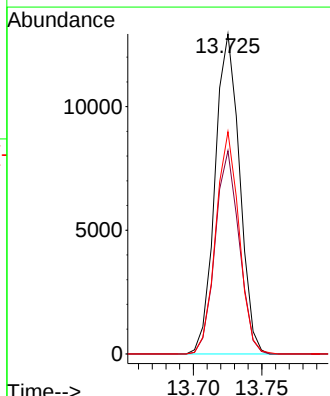
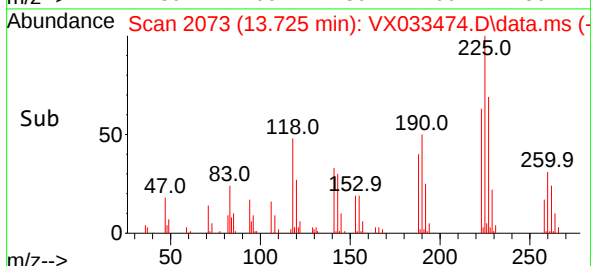
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

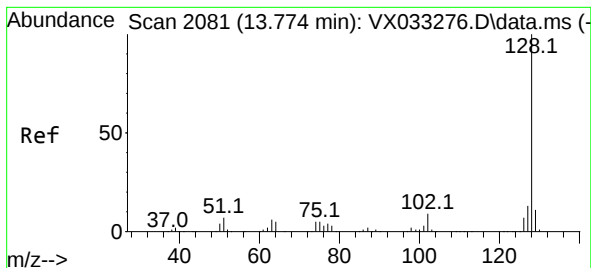


#94
Hexachlorobutadiene
Concen: 20.507 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14



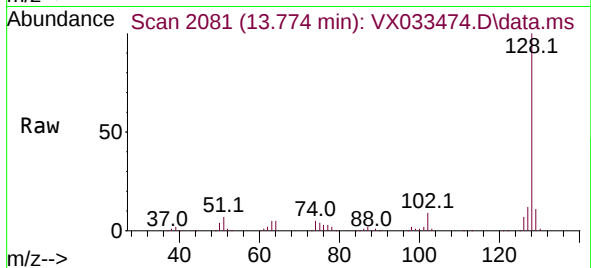
Tgt Ion:225 Resp: 16133
Ion Ratio Lower Upper
225 100
223 61.7 31.9 95.9
227 66.1 31.9 95.5





#95
Naphthalene
Concen: 19.132 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14

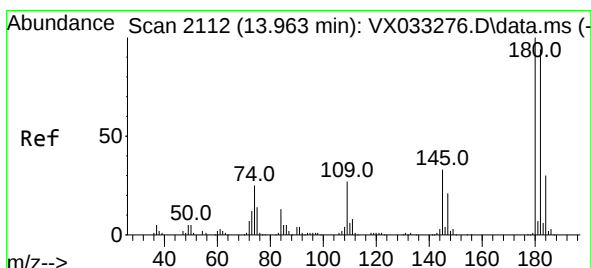
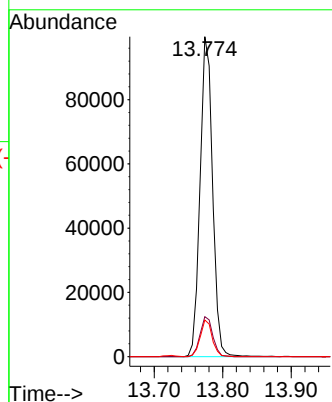
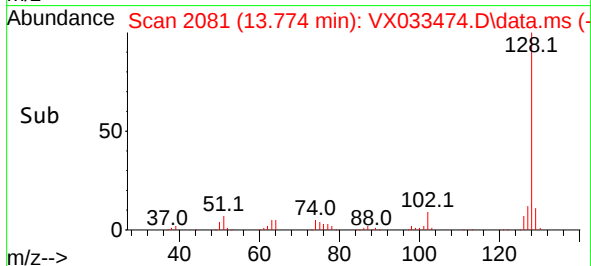
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS01



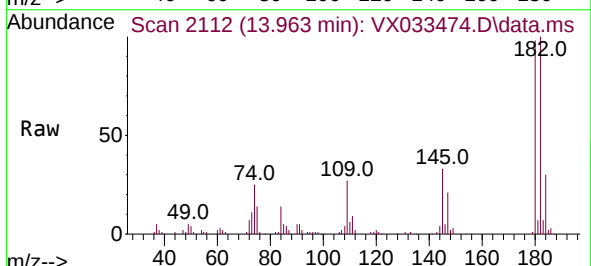
Tgt Ion:128 Resp: 125379
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.019 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033474.D
Acq: 19 Dec 2022 11:14



Tgt Ion:180 Resp: 37844
Ion Ratio Lower Upper
180 100
182 95.9 47.5 142.6
145 33.1 16.9 50.6

