

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
 Data File : VW025776.D
 Acq On : 01 May 2023 13:15
 Operator : SY/MD
 Sample : VSTD10055
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100455

Quant Time: May 02 01:08:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 01:04:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	673568	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	618778	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	312204	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	1055822	110.616	ug/L	0.00
7) Chloroethane-d5	2.893	69	755818	106.809	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	504823	105.623	ug/L	0.00
21) 2-Butanone-d5	7.069	46	653860	207.217	ug/L	-0.01
24) Chloroform-d	7.648	84	1945621	100.174	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	1068538	97.291	ug/L	0.00
32) Benzene-d6	8.276	84	3997422	98.867	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	1281347	99.049	ug/L	0.00
41) Toluene-d8	10.325	98	3615378	100.276	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	552774	105.415	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	487113	220.821	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	965840	97.955	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	1120472	98.450	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	882255	119.642	ug/L	100
3) Chloromethane	2.229	50	1138146	102.577	ug/L	98
5) Vinyl chloride	2.375	62	1116987	97.260	ug/L	99
6) Bromomethane	2.789	94	592566	94.866	ug/L	99
8) Chloroethane	2.930	64	630628	96.570	ug/L	99
9) Trichlorofluoromethane	3.265	101	929600	107.256	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	906772	96.199	ug/L	98
12) 1,1-Dichloroethene	4.045	96	883656	98.093	ug/L	90
13) Acetone	4.119	43	472114	168.737	ug/L	99
14) Carbon disulfide	4.393	76	2923534	95.966	ug/L	100
15) Methyl Acetate	4.667	43	527947	95.752	ug/L	98
16) Methylene chloride	4.923	84	961371	69.208	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	943586	96.016	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	1468853	98.479	ug/L	99
19) 1,1-Dichloroethane	6.216	63	1919749	95.080	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	1038960	98.543	ug/L	96
22) 2-Butanone	7.167	43	735388	190.347	ug/L	100
23) Bromochloromethane	7.508	128	413100	92.487	ug/L	95
25) Chloroform	7.679	83	1756346	94.645	ug/L	97
27) 1,2-Dichloroethane	8.398	62	1220714	92.625	ug/L	100
29) Cyclohexane	7.959	56	1910012	99.607	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	1398591	92.421	ug/L	100
31) Carbon tetrachloride	8.069	117	1266430	92.992	ug/L	100
33) Benzene	8.325	78	3902634	91.161	ug/L	100
34) Trichloroethene	9.093	95	1020556	92.901	ug/L	96
35) Methylcyclohexane	9.337	83	1900605	97.275	ug/L	98
37) 1,2-Dichloropropane	9.368	63	1079913	92.073	ug/L	99
38) Bromodichloromethane	9.642	83	1280235	95.141	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	1723438	100.198	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	1514112	198.326	ug/L	100
42) Toluene	10.386	91	4047727	92.535	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	1434873	100.678	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
 Data File : VW025776.D
 Acq On : 01 May 2023 13:15
 Operator : SY/MD
 Sample : VSTD10055
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100455

Quant Time: May 02 01:08:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 01:04:58 2023
 Response via : Initial Calibration

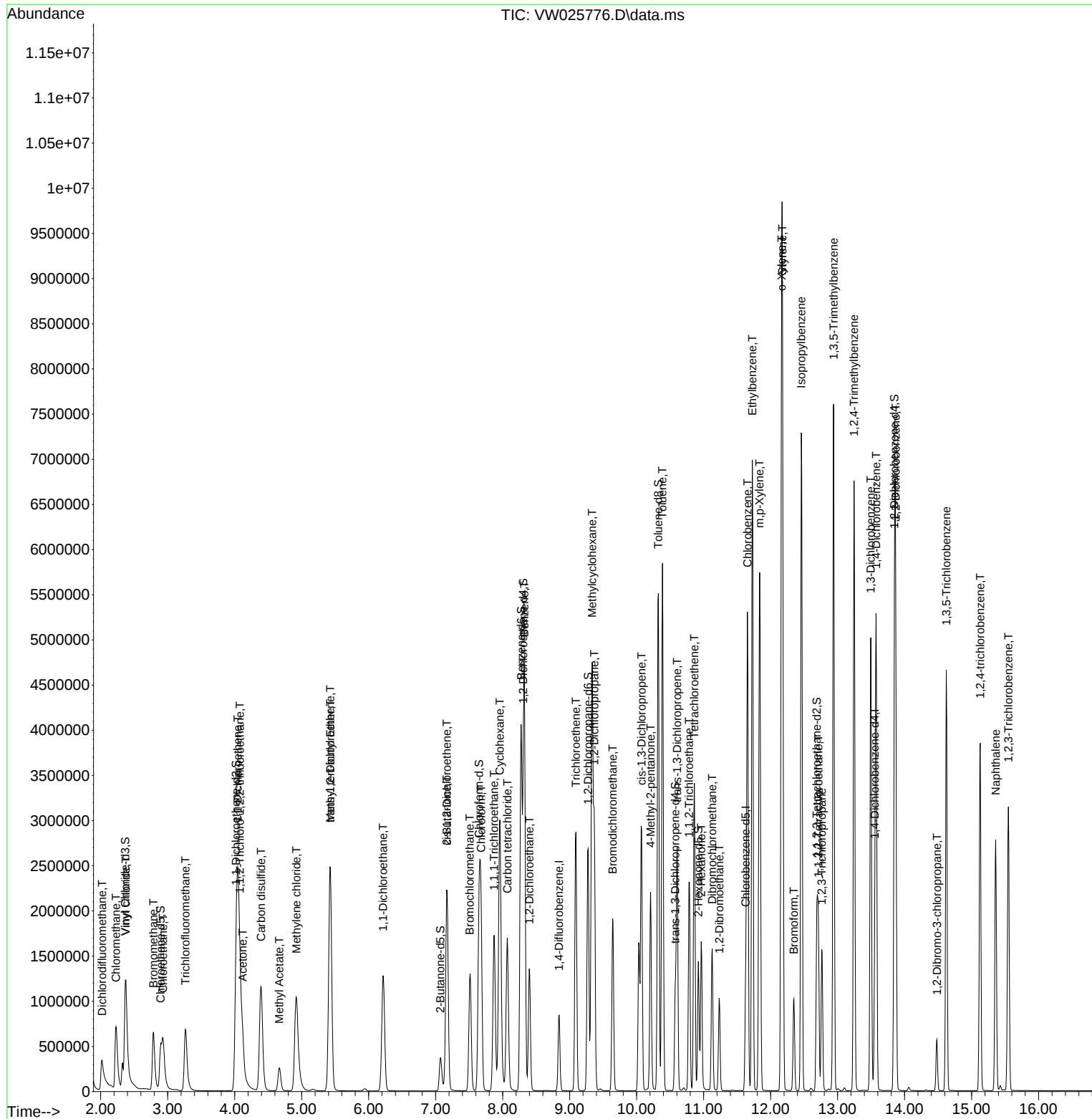
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	713899	90.990	ug/L	99
46) Tetrachloroethene	10.861	164	710507	91.934	ug/L	95
48) 2-Hexanone	10.965	43	1091548	196.255	ug/L	99
49) Dibromochloromethane	11.129	129	798257	98.275	ug/L	97
50) 1,2-Dibromoethane	11.233	107	685591	94.788	ug/L	98
51) Chlorobenzene	11.654	112	2541695	93.795	ug/L	96
52) Ethylbenzene	11.727	91	4748158	96.497	ug/L	98
53) m,p-Xylene	11.837	106	1754818	96.899	ug/L	99
54) o-Xylene	12.166	106	1672429	97.978	ug/L	93
55) Styrene	12.178	104	2864700	98.053	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	904516	92.394	ug/L	99
59) Bromoform	12.349	173	456492	98.714	ug/L	99
60) Isopropylbenzene	12.458	105	4600295	96.937	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	655490	88.838	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	3831284	101.929	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	3468043	99.984	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	1842727	90.201	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	1861640	90.198	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	1679669	92.192	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	153122	89.494	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	1282881	94.603	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	1138803	100.240	ug/L	98
71) Naphthalene	15.360	128	2225055	103.768	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	975553	96.779	ug/L	97

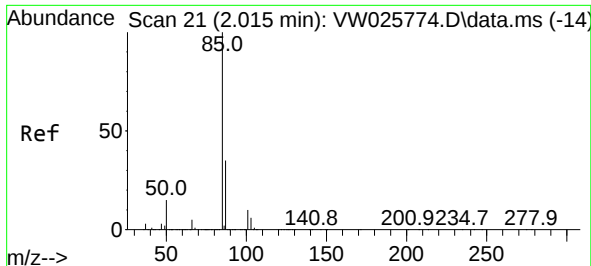
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
Data File : VW025776.D
Acq On : 01 May 2023 13:15
Operator : SY/MD
Sample : VSTD10055
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100455

Quant Time: May 02 01:08:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 02 01:04:58 2023
Response via : Initial Calibration

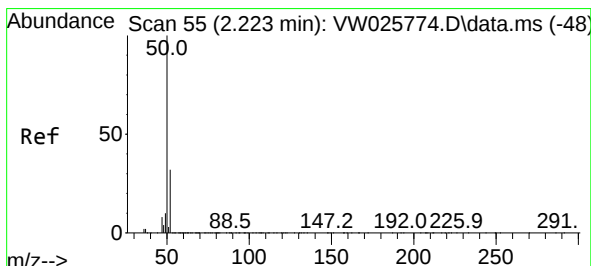
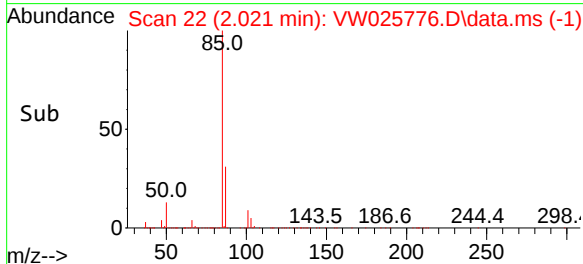
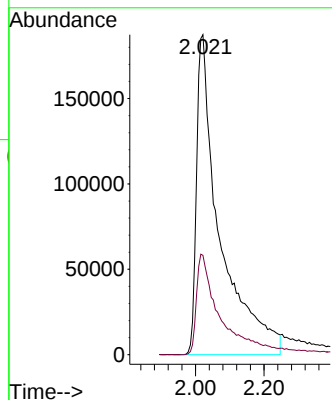
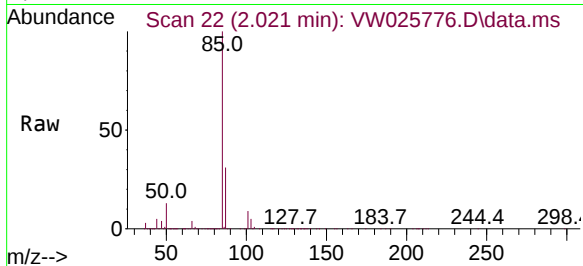




#2
 Dichlorodifluoromethane
 Concen: 119.642 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW025776.D
 Acq: 01 May 2023 13:15

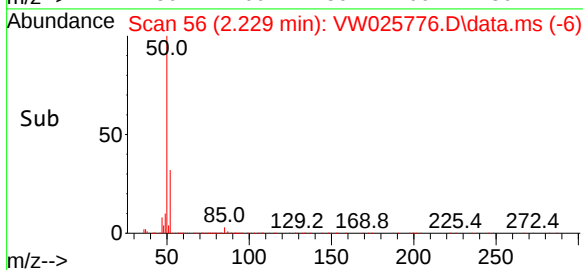
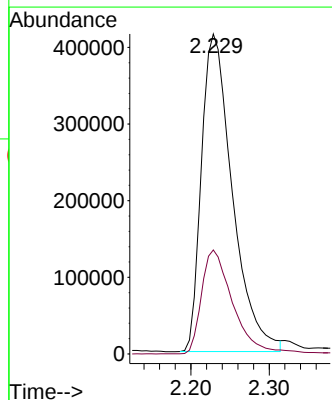
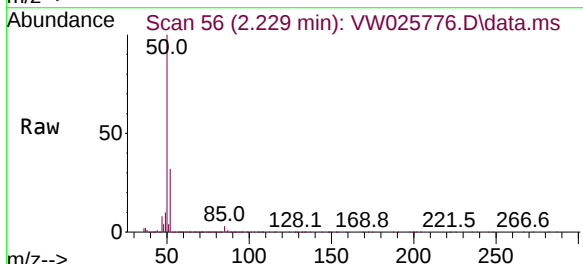
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100455

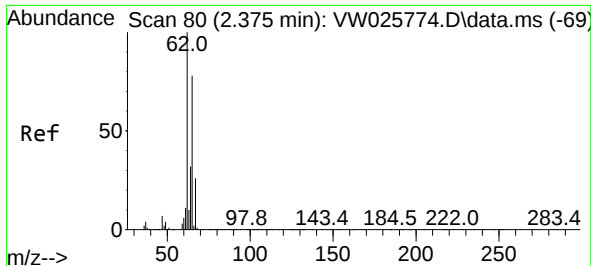
Tgt Ion: 85 Resp: 882255
 Ion Ratio Lower Upper
 85 100
 87 30.6 24.7 37.1



#3
 Chloromethane
 Concen: 102.577 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW025776.D
 Acq: 01 May 2023 13:15

Tgt Ion: 50 Resp: 1138146
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.1 41.1

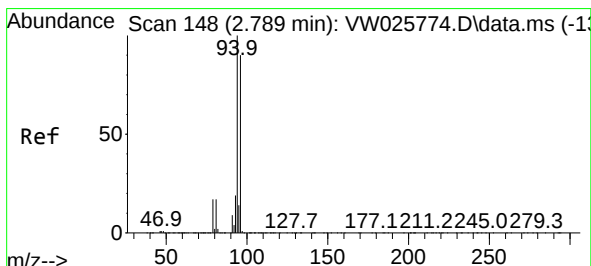
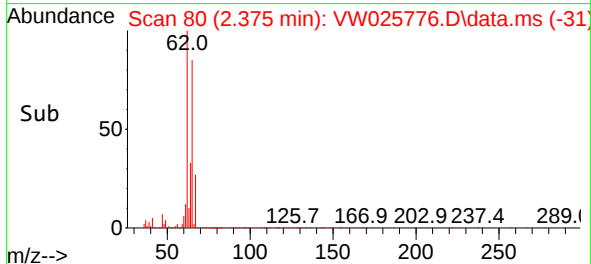
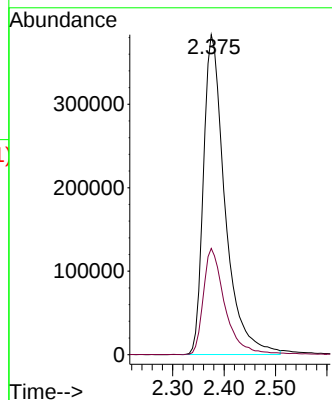
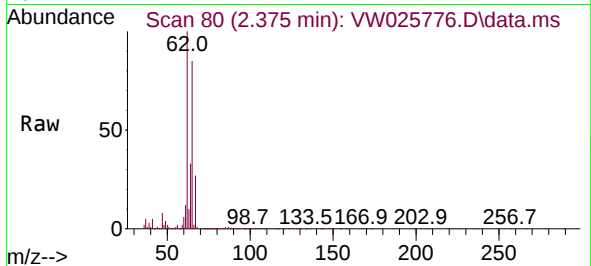




#5
 Vinyl chloride
 Concen: 97.260 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025776.D
 Acq: 01 May 2023 13:15

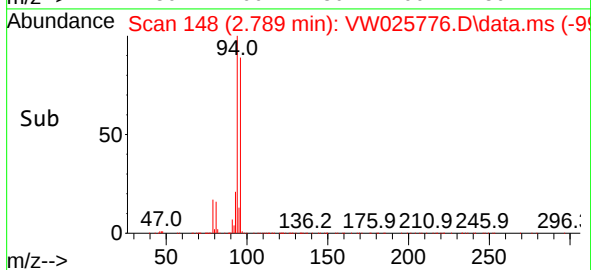
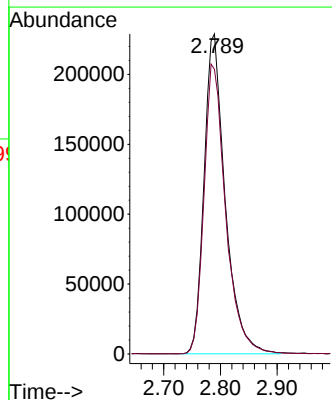
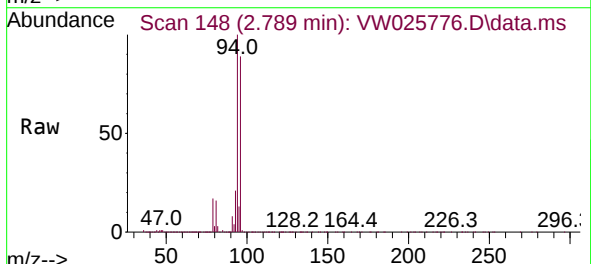
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100455

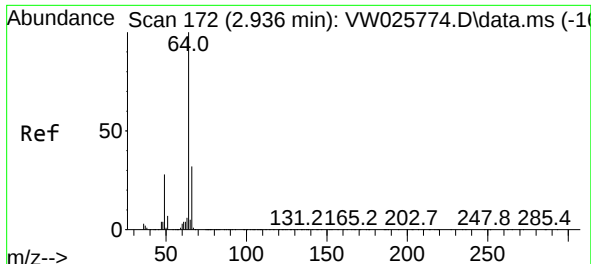
Tgt Ion: 62 Resp: 1116987
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.7 42.3



#6
 Bromomethane
 Concen: 94.866 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025776.D
 Acq: 01 May 2023 13:15

Tgt Ion: 94 Resp: 592566
 Ion Ratio Lower Upper
 94 100
 96 88.9 63.1 117.1

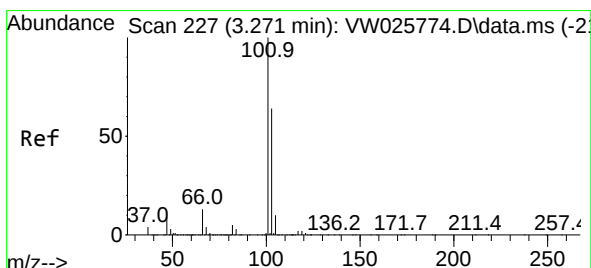
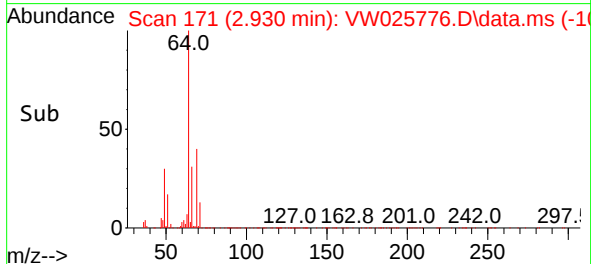
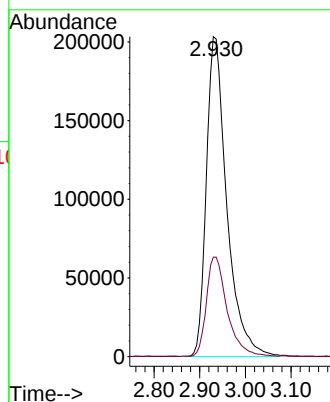
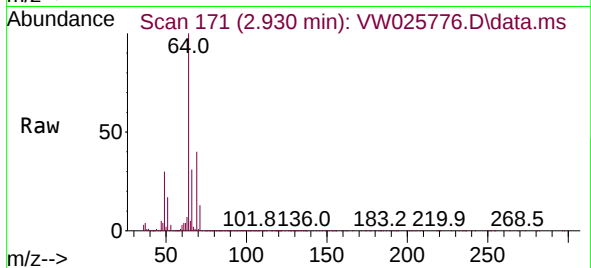




#8
Chloroethane
Concen: 96.570 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

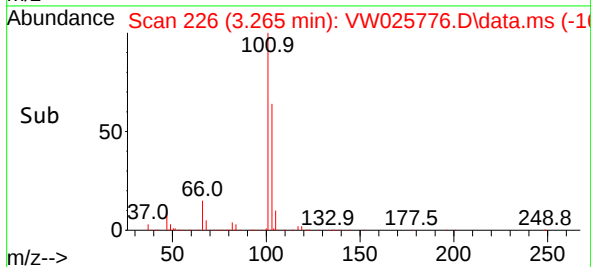
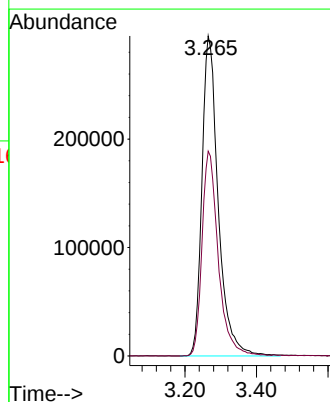
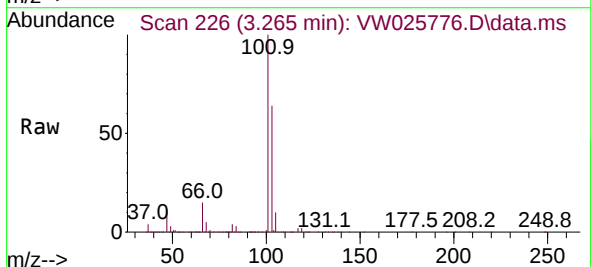
Instrument :
MSVOA_W
ClientSampleId :
VSTD100455

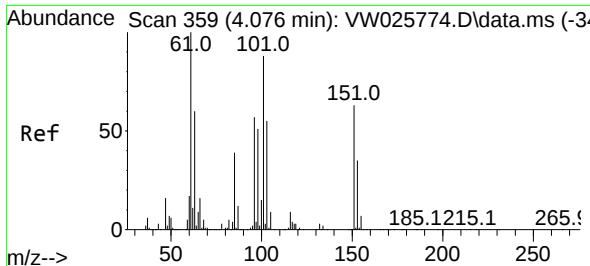
Tgt Ion: 64 Resp: 630628
Ion Ratio Lower Upper
64 100
66 31.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 107.256 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

Tgt Ion: 101 Resp: 929600
Ion Ratio Lower Upper
101 100
103 63.9 50.6 76.0

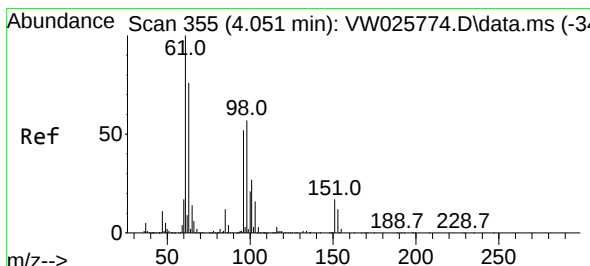
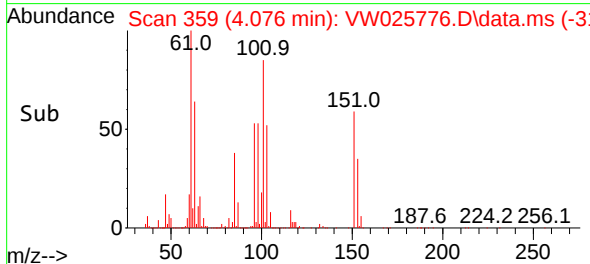
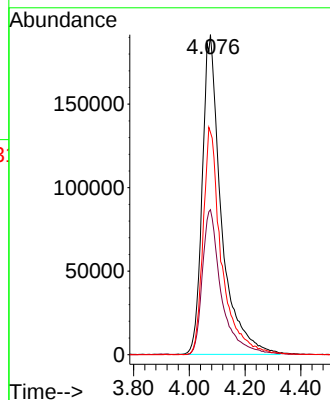
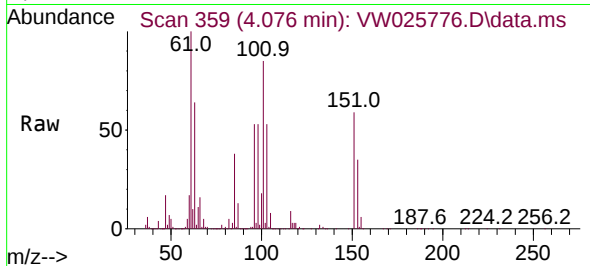




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 96.199 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW025776.D
 Acq: 01 May 2023 13:15

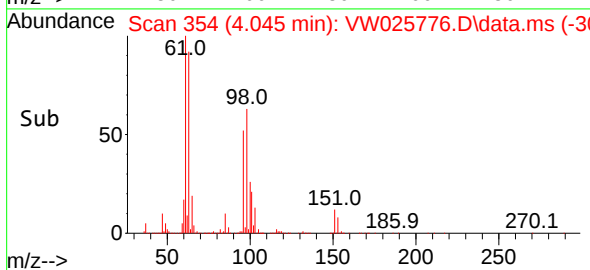
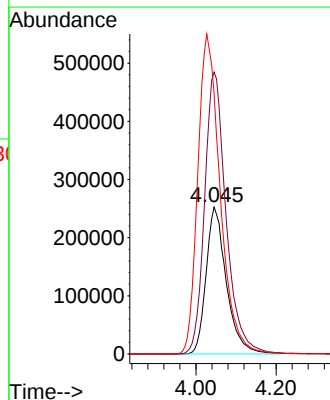
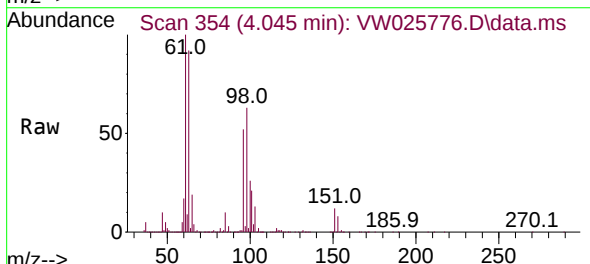
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100455

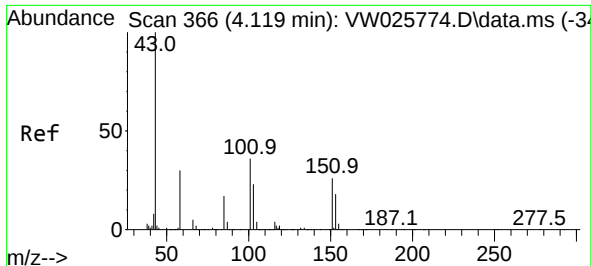
Tgt Ion:101 Resp: 906772
 Ion Ratio Lower Upper
 101 100
 85 44.7 33.9 50.9
 151 67.0 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 98.093 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW025776.D
 Acq: 01 May 2023 13:15

Tgt Ion: 96 Resp: 883656
 Ion Ratio Lower Upper
 96 100
 61 191.8 135.0 250.8
 63 176.8 104.9 194.7





#13

Acetone

Concen: 168.737 ug/L

RT: 4.119 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

Instrument :

MSVOA_W

ClientSampleId :

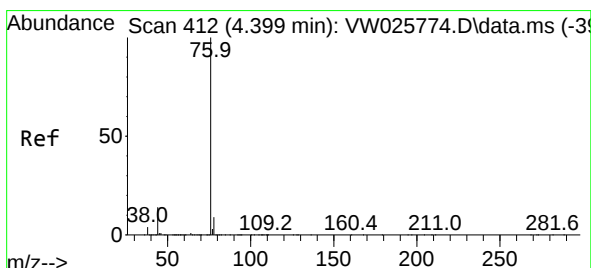
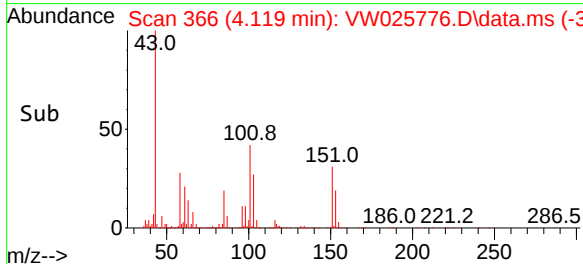
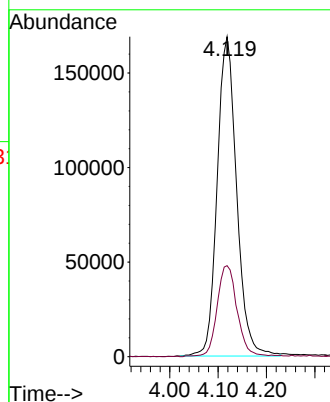
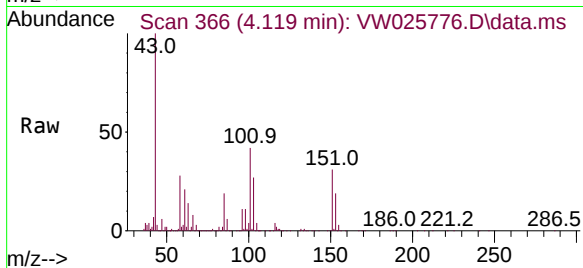
VSTD100455

Tgt Ion: 43 Resp: 472114

Ion Ratio Lower Upper

43 100

58 28.5 0.0 58.2



#14

Carbon disulfide

Concen: 95.966 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.006 min

Lab File: VW025776.D

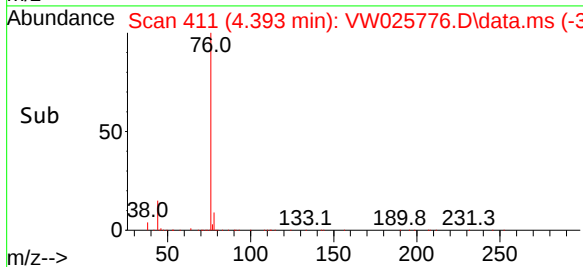
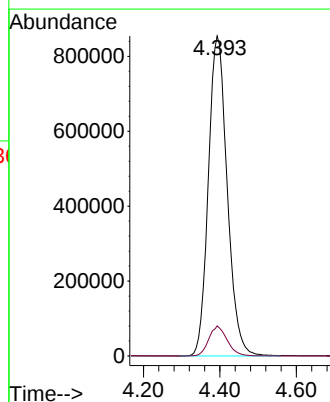
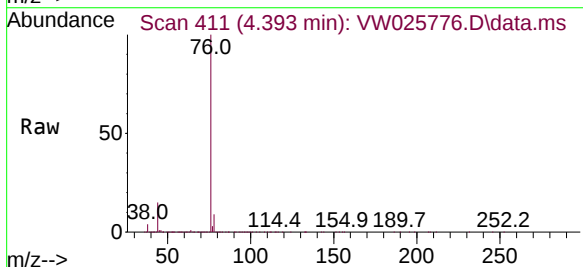
Acq: 01 May 2023 13:15

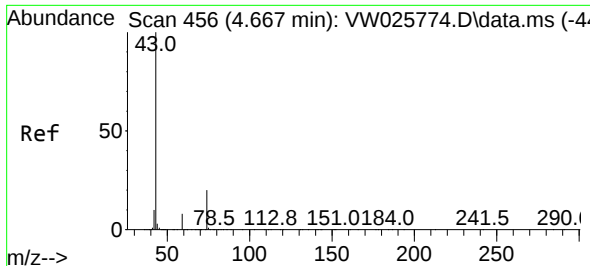
Tgt Ion: 76 Resp: 2923534

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

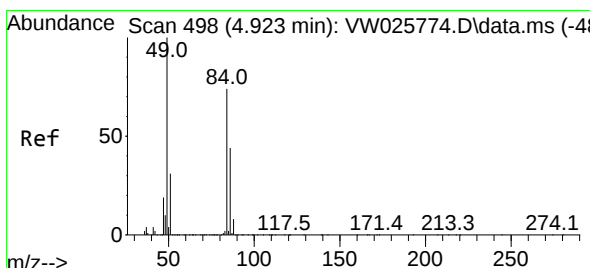
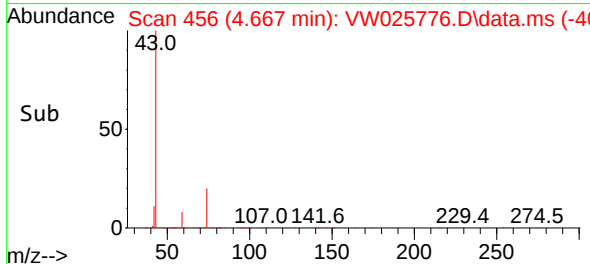
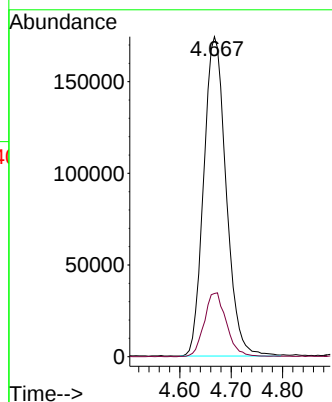
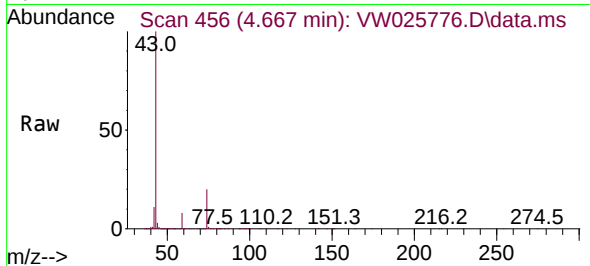




#15
Methyl Acetate
Concen: 95.752 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

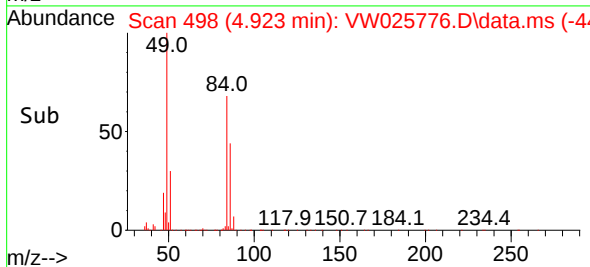
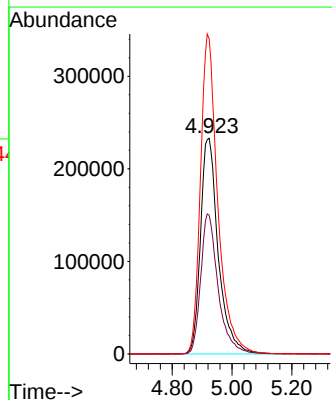
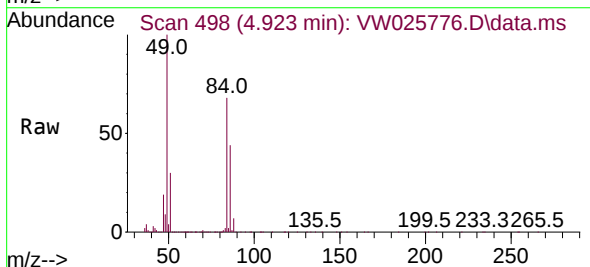
Instrument :
MSVOA_W
ClientSampleId :
VSTD100455

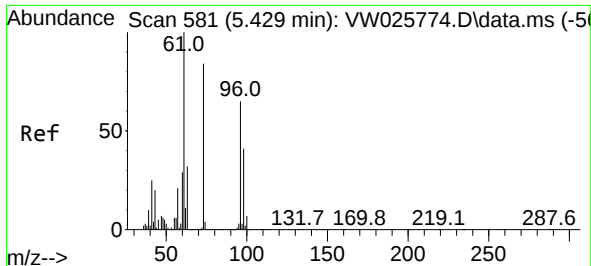
Tgt Ion: 43 Resp: 527947
Ion Ratio Lower Upper
43 100
74 19.6 16.5 24.7



#16
Methylene chloride
Concen: 69.208 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

Tgt Ion: 84 Resp: 961371
Ion Ratio Lower Upper
84 100
86 64.3 41.7 77.5
49 146.1 95.3 177.1

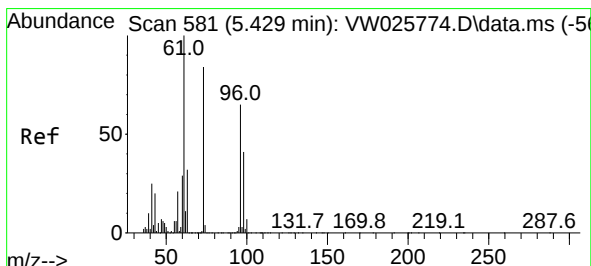
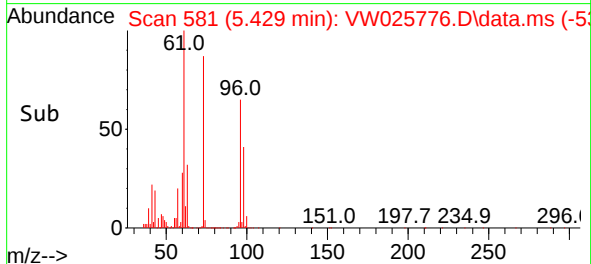
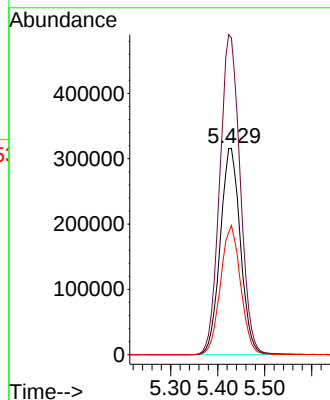
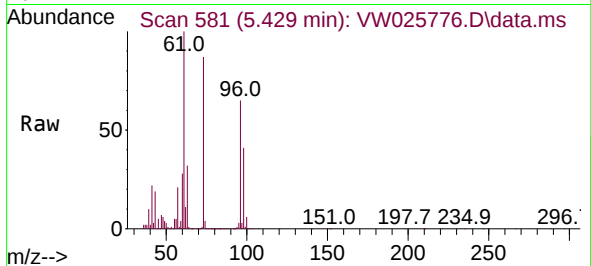




#17
trans-1,2-Dichloroethene
Concen: 96.016 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

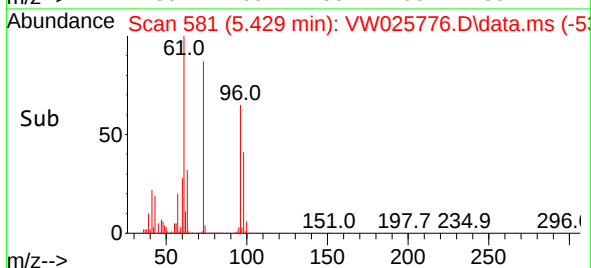
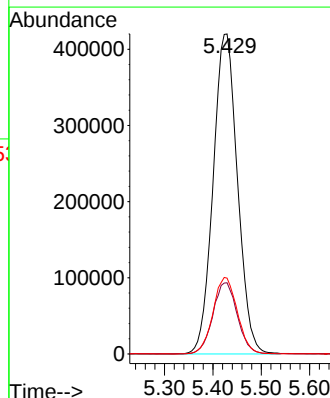
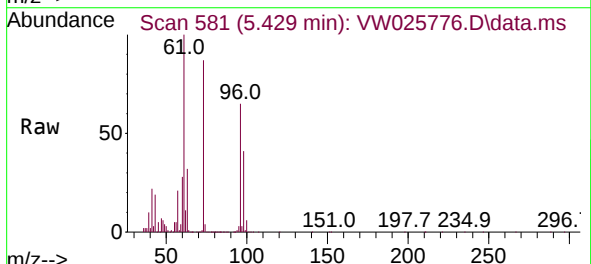
Instrument :
MSVOA_W
ClientSampleId :
VSTD100455

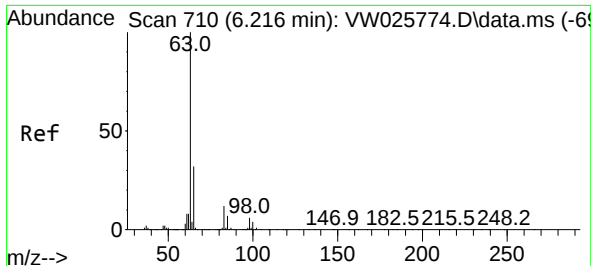
Tgt Ion: 96 Resp: 943586
Ion Ratio Lower Upper
96 100
61 153.5 108.1 200.9
98 62.7 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 98.479 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

Tgt Ion: 73 Resp: 1468853
Ion Ratio Lower Upper
73 100
43 22.3 18.2 27.4
57 23.8 19.2 28.8

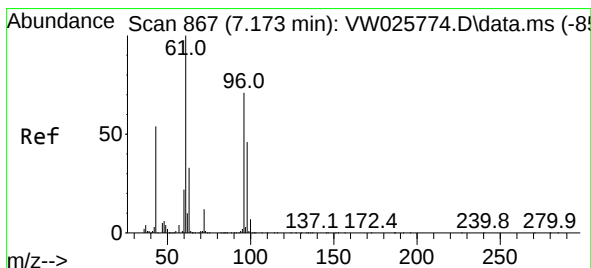
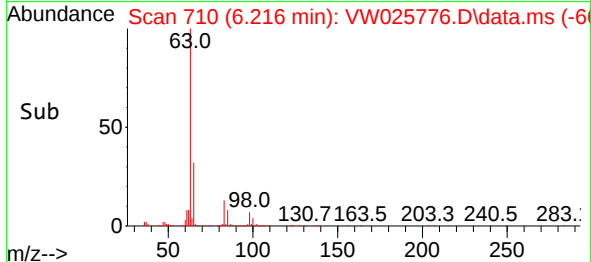
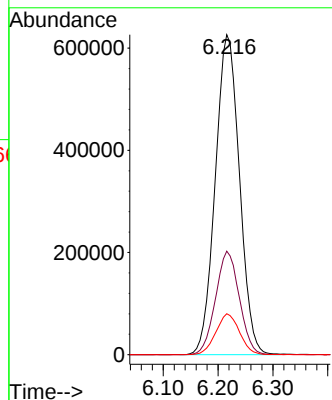
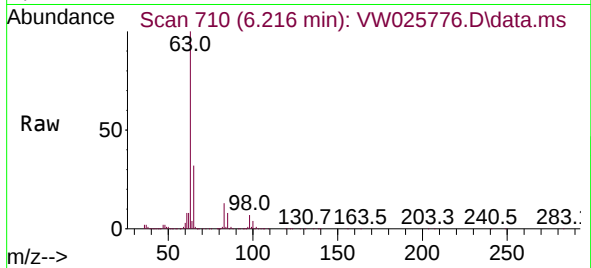




#19
1,1-Dichloroethane
Concen: 95.080 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

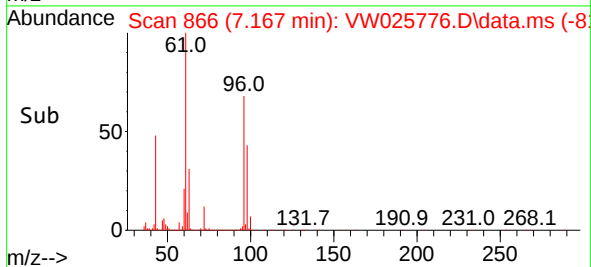
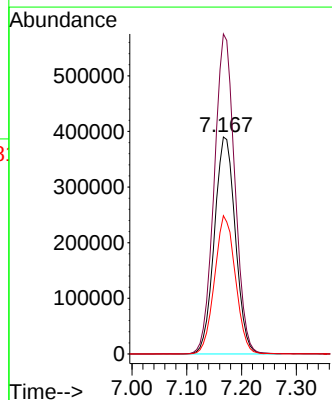
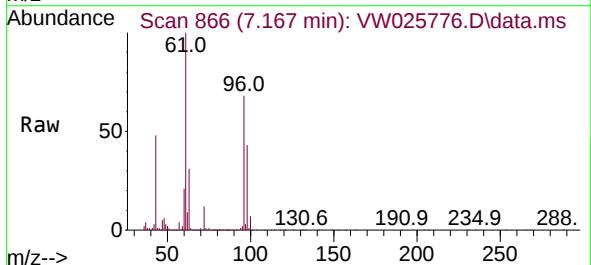
Instrument :
MSVOA_W
ClientSampleId :
VSTD100455

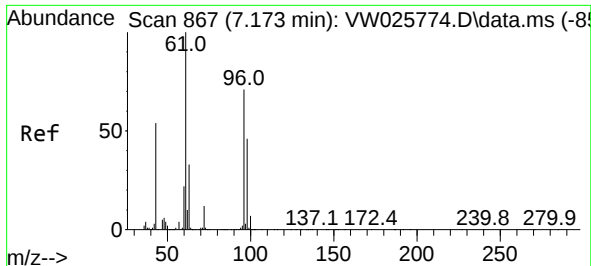
Tgt Ion: 63 Resp: 1919749
Ion Ratio Lower Upper
63 100
65 32.3 22.4 41.6
83 12.8 8.7 16.1



#20
cis-1,2-Dichloroethene
Concen: 98.543 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

Tgt Ion: 96 Resp: 1038960
Ion Ratio Lower Upper
96 100
61 147.5 98.6 183.0
98 63.7 45.2 84.0

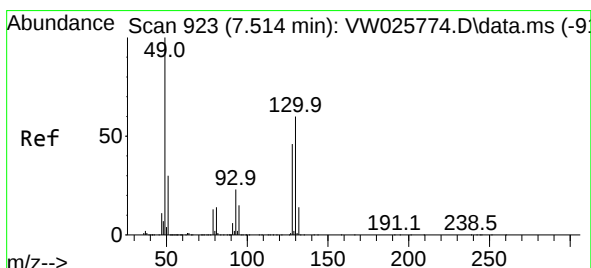
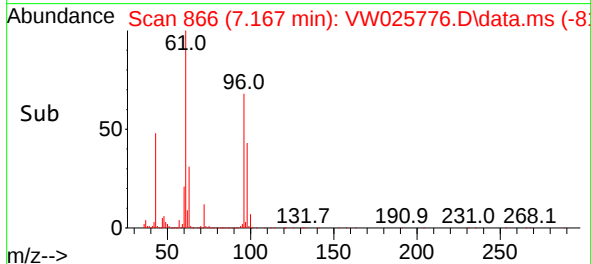
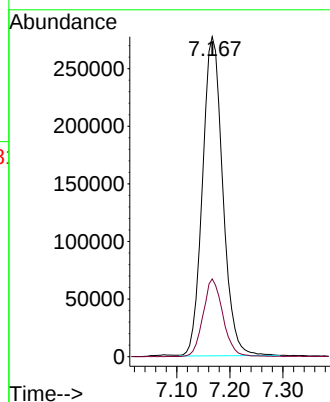
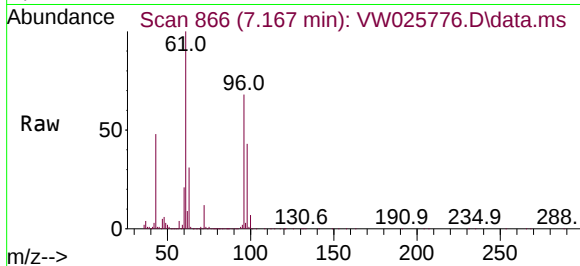




#22
2-Butanone
Concen: 190.347 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

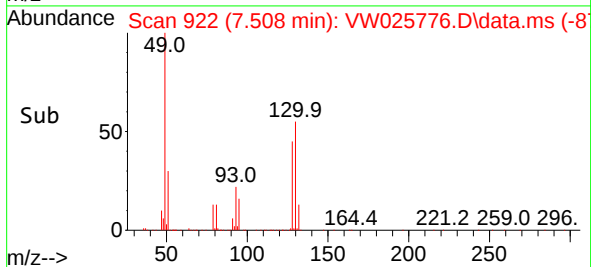
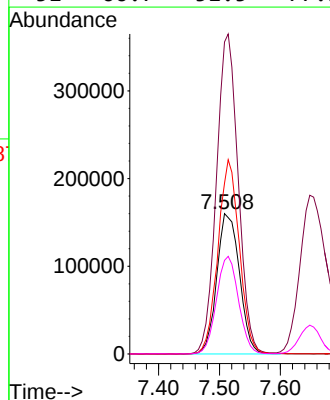
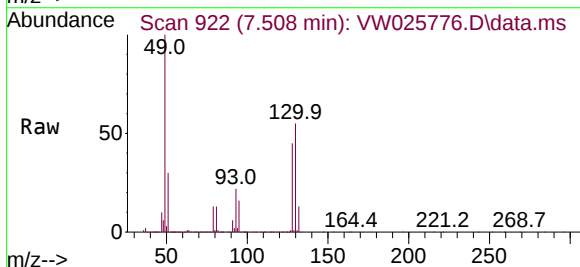
Instrument :
MSVOA_W
ClientSampleId :
VSTD100455

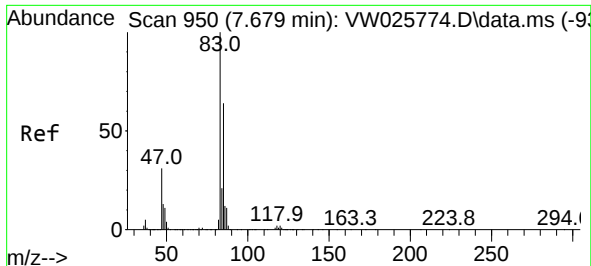
Tgt Ion: 43 Resp: 735388
Ion Ratio Lower Upper
43 100
72 23.7 11.8 35.4



#23
Bromochloromethane
Concen: 92.487 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

Tgt Ion:128 Resp: 413100
Ion Ratio Lower Upper
128 100
49 222.4 151.5 281.5
130 121.6 91.3 169.6
51 66.7 51.5 77.3

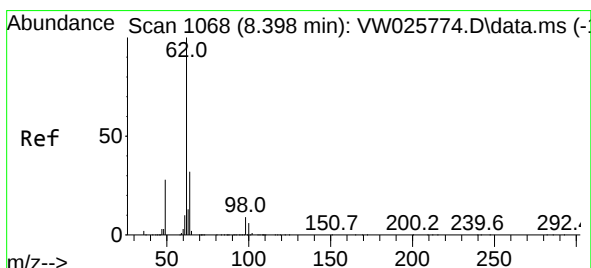
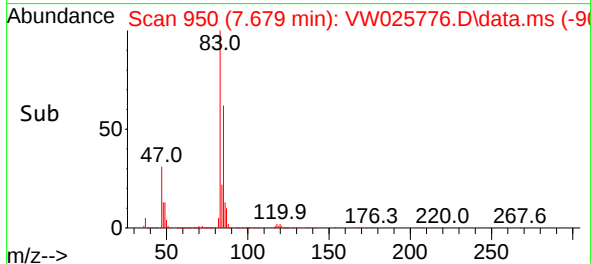
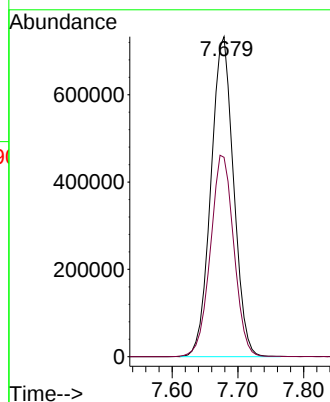
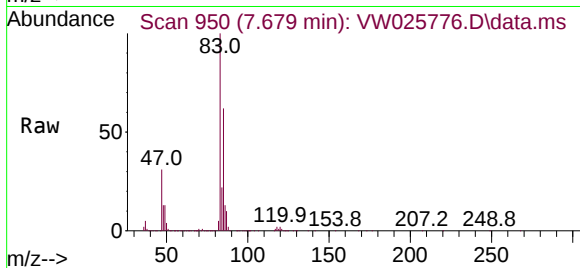




#25
Chloroform
Concen: 94.645 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

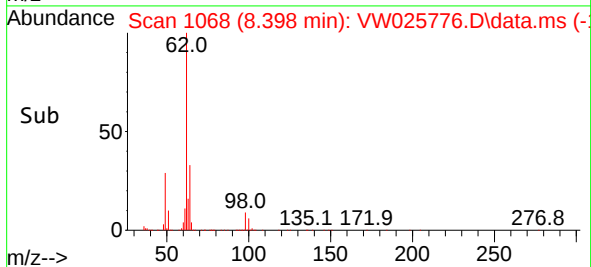
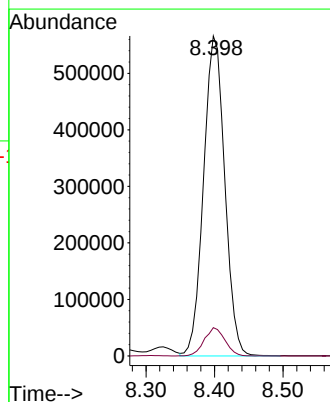
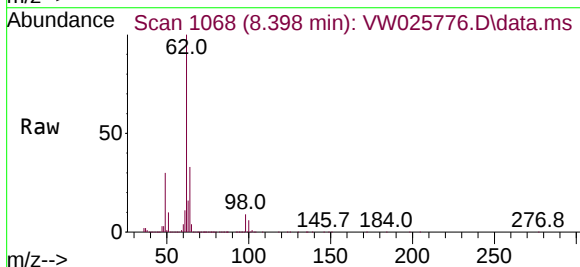
Instrument :
MSVOA_W
ClientSampleId :
VSTD100455

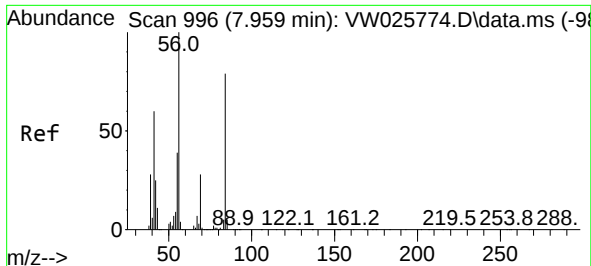
Tgt Ion: 83 Resp: 1756346
Ion Ratio Lower Upper
83 100
85 62.3 45.1 83.9



#27
1,2-Dichloroethane
Concen: 92.625 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

Tgt Ion: 62 Resp: 1220714
Ion Ratio Lower Upper
62 100
98 8.8 7.2 10.8





#29

Cyclohexane

Concen: 99.607 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

Instrument :

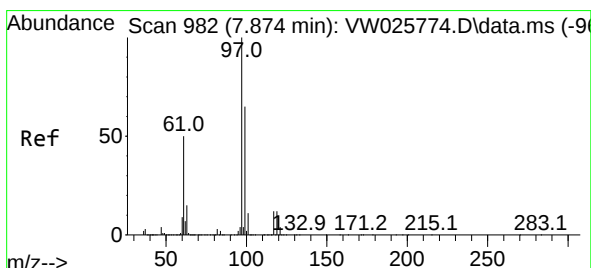
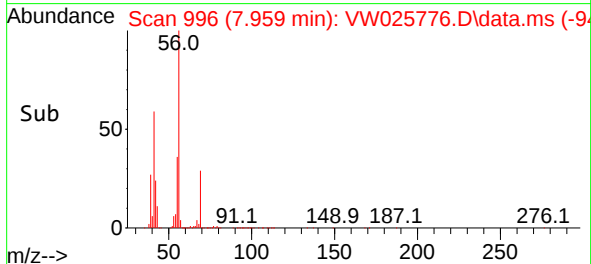
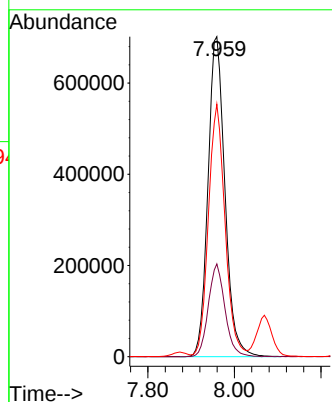
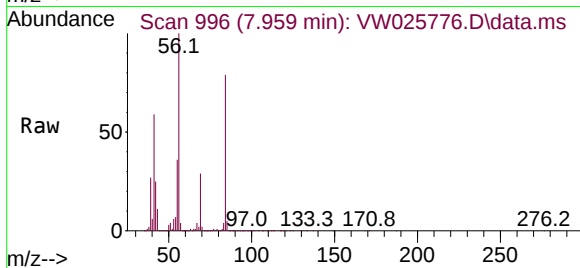
MSVOA_W

ClientSampleId :

VSTD100455

Tgt Ion: 56 Resp: 1910012

Ion	Ratio	Lower	Upper
56	100		
69	28.3	23.4	35.0
84	77.4	63.3	94.9



#30

1,1,1-Trichloroethane

Concen: 92.421 ug/L

RT: 7.874 min Scan# 982

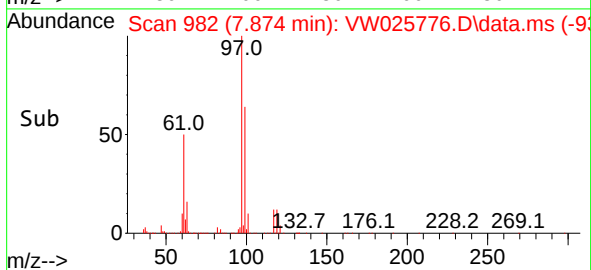
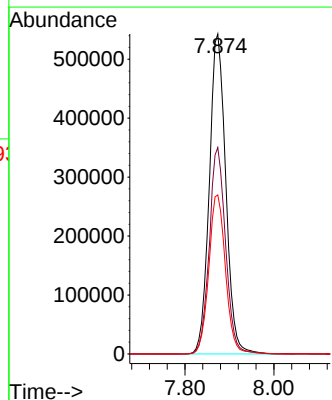
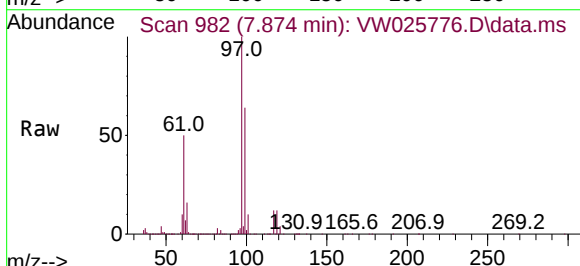
Delta R.T. -0.000 min

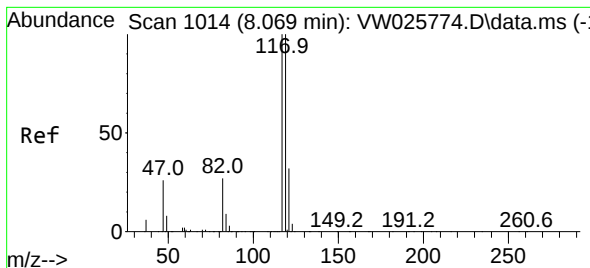
Lab File: VW025776.D

Acq: 01 May 2023 13:15

Tgt Ion: 97 Resp: 1398591

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.1	76.7
61	50.6	40.4	60.6





#31

Carbon tetrachloride

Concen: 92.992 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

Instrument :

MSVOA_W

ClientSampleId :

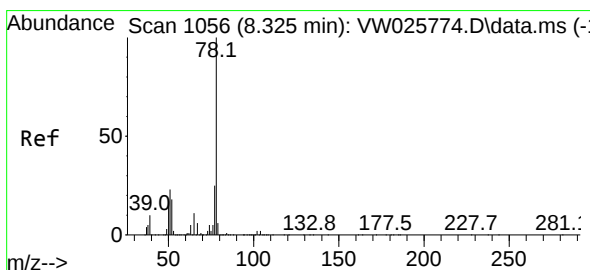
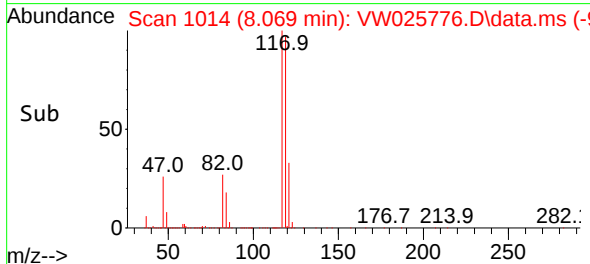
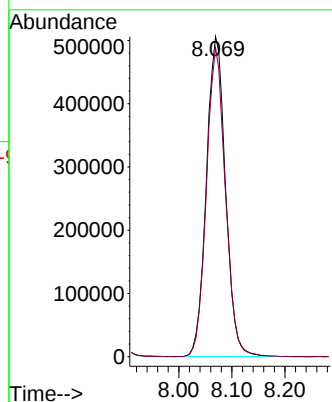
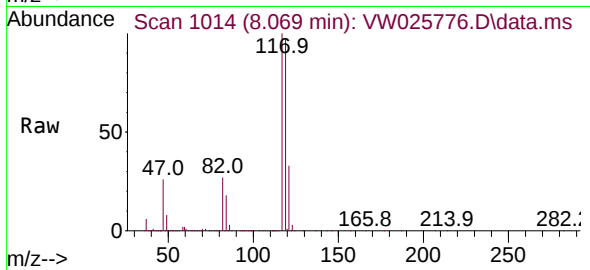
VSTD100455

Tgt Ion:117 Resp: 1266430

Ion Ratio Lower Upper

117 100

119 95.9 76.9 115.3



#33

Benzene

Concen: 91.161 ug/L

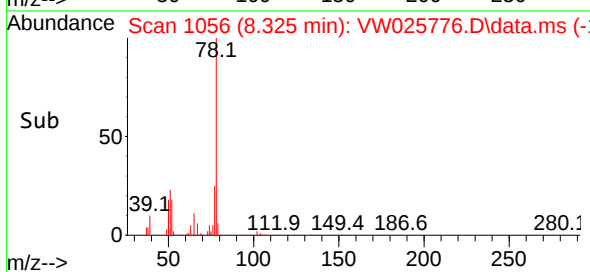
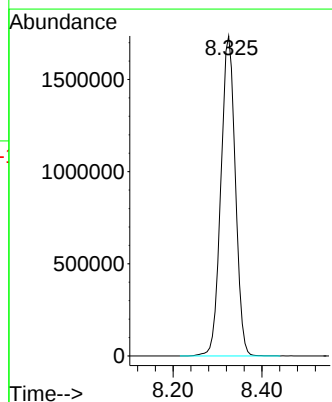
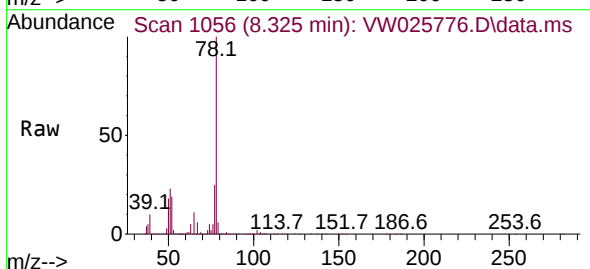
RT: 8.325 min Scan# 1056

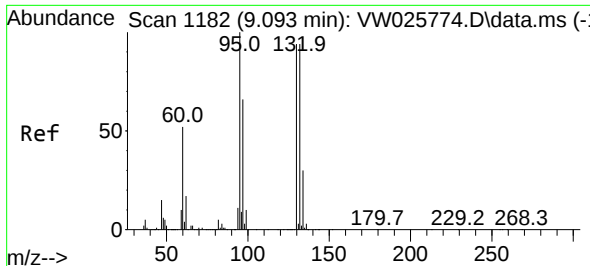
Delta R.T. -0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

Tgt Ion: 78 Resp: 3902634





#34

Trichloroethene

Concen: 92.901 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD100455

Tgt Ion: 95 Resp: 1020556

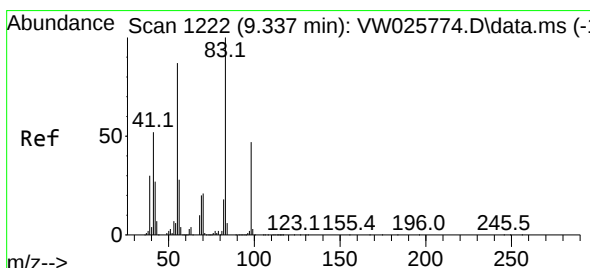
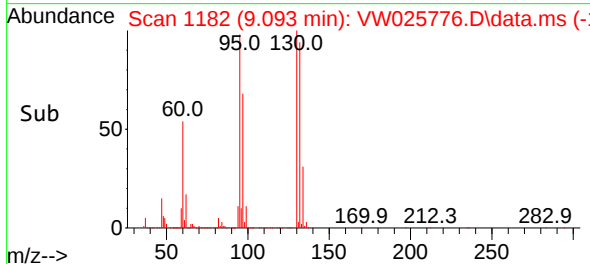
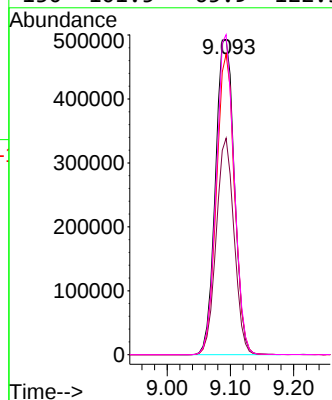
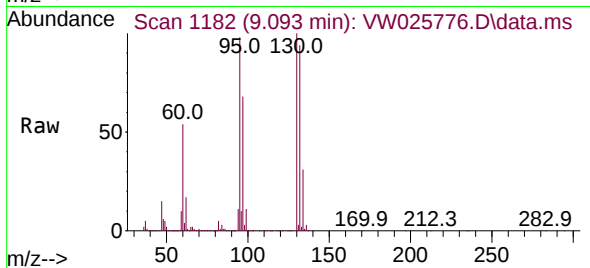
Ion Ratio Lower Upper

95 100

97 68.7 45.9 85.3

132 95.3 66.0 122.6

130 101.5 65.9 122.3



#35

Methylcyclohexane

Concen: 97.275 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

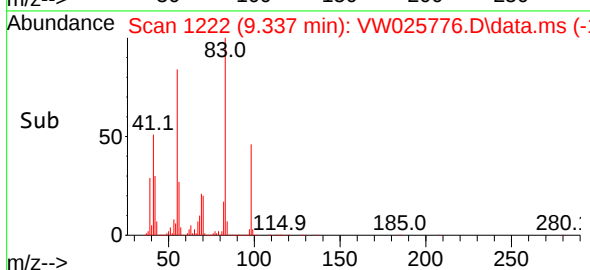
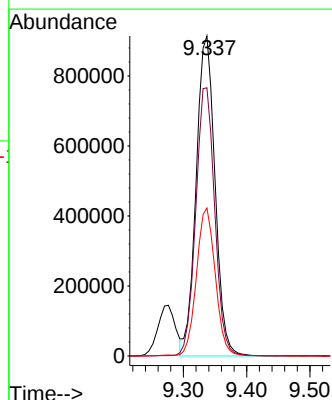
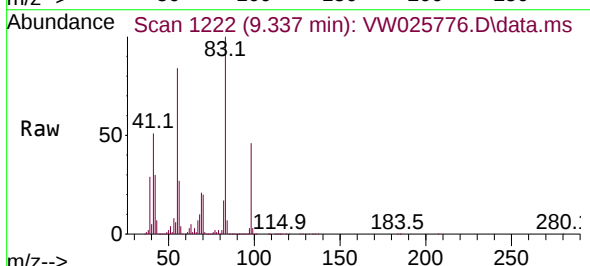
Tgt Ion: 83 Resp: 1900605

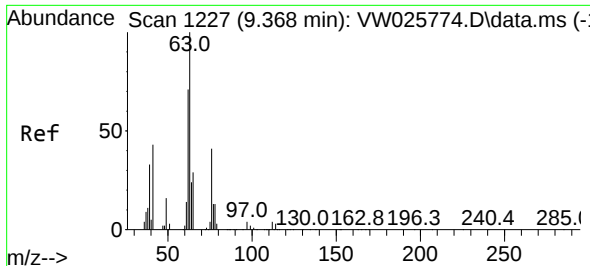
Ion Ratio Lower Upper

83 100

55 84.0 69.0 103.4

98 46.1 37.1 55.7





#37

1,2-Dichloropropane

Concen: 92.073 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

Instrument :

MSVOA_W

ClientSampleId :

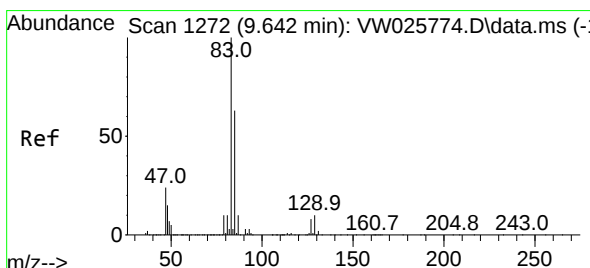
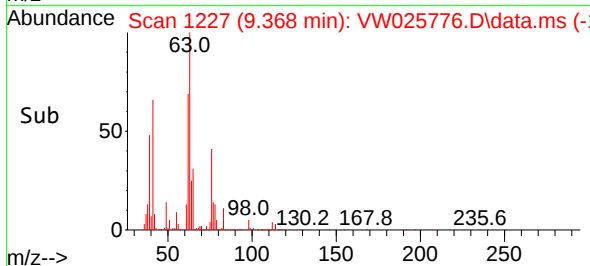
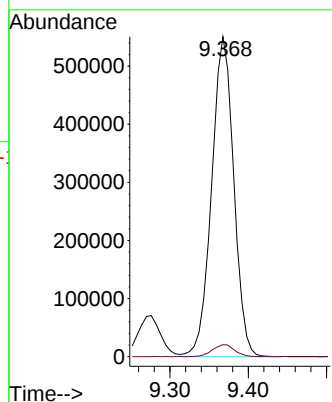
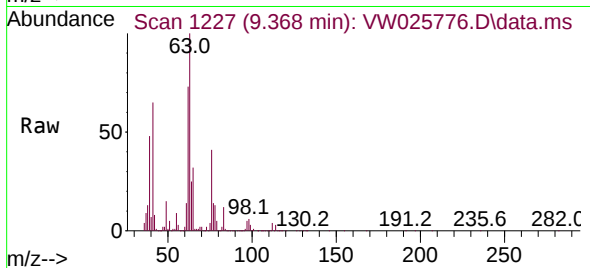
VSTD100455

Tgt Ion: 63 Resp: 1079913

Ion Ratio Lower Upper

63 100

112 3.8 3.3 4.9



#38

Bromodichloromethane

Concen: 95.141 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

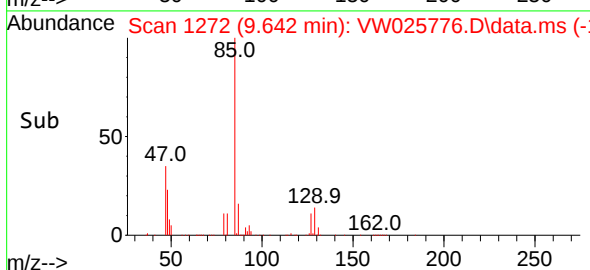
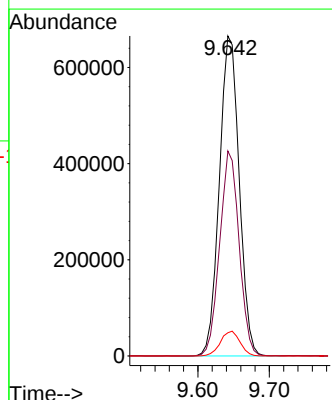
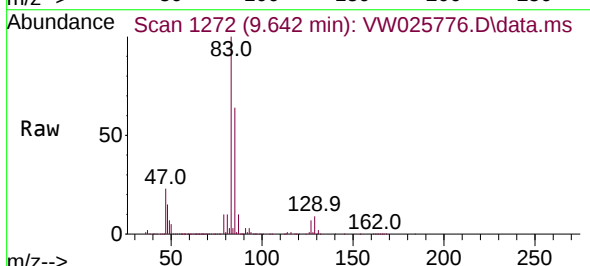
Tgt Ion: 83 Resp: 1280235

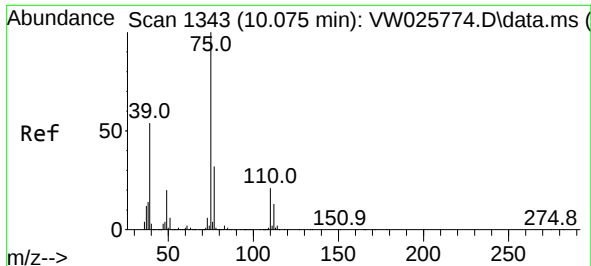
Ion Ratio Lower Upper

83 100

85 64.1 44.4 82.5

127 7.3 6.5 9.7

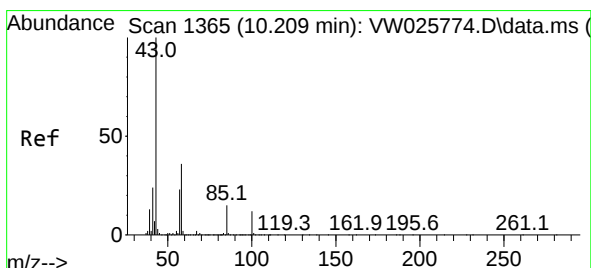
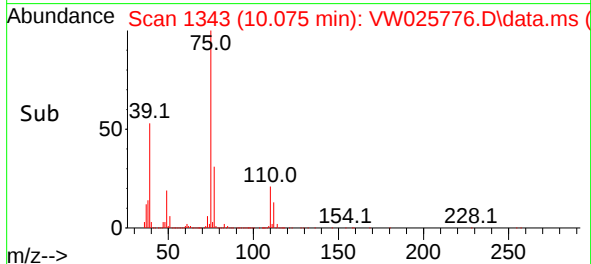
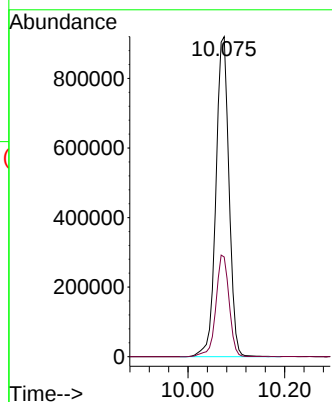
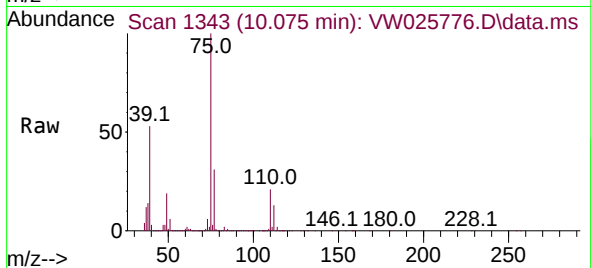




#39
 cis-1,3-Dichloropropene
 Concen: 100.198 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW025776.D
 Acq: 01 May 2023 13:15

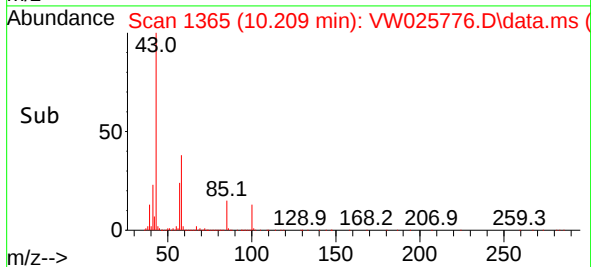
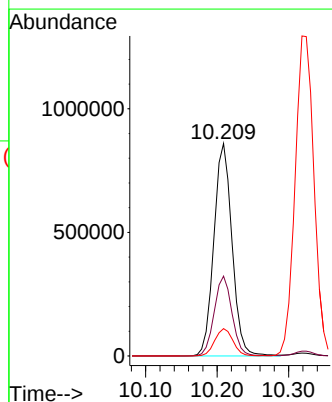
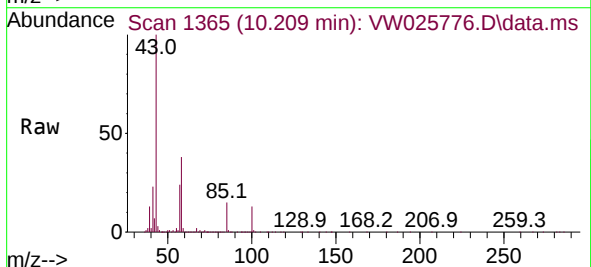
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100455

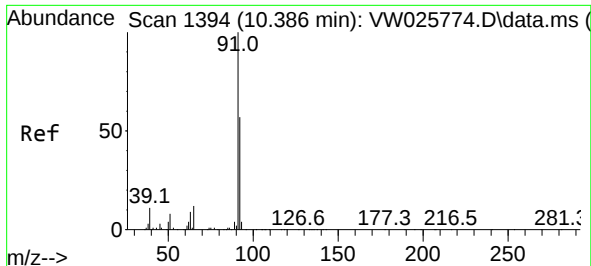
Tgt Ion: 75 Resp: 1723438
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 198.326 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW025776.D
 Acq: 01 May 2023 13:15

Tgt Ion: 43 Resp: 1514112
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.4 44.0
 100 12.9 10.1 15.1

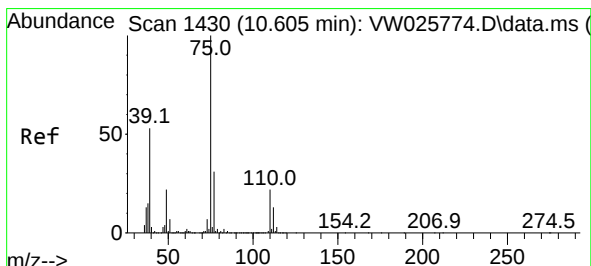
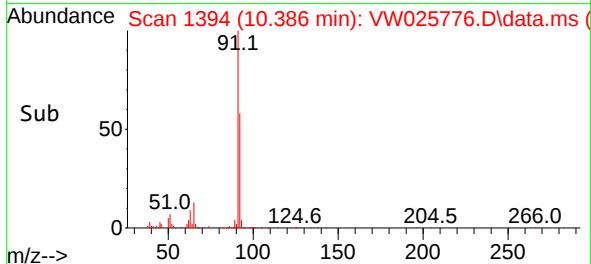
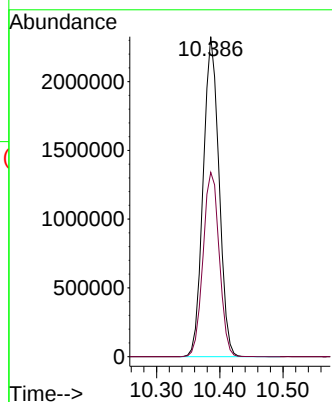
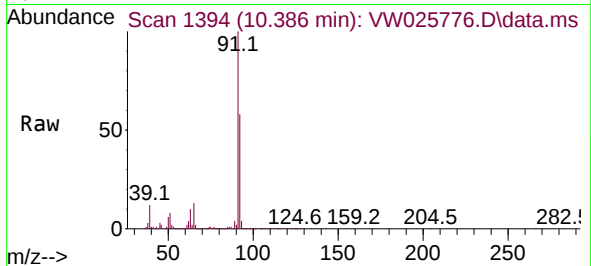




#42
Toluene
Concen: 92.535 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

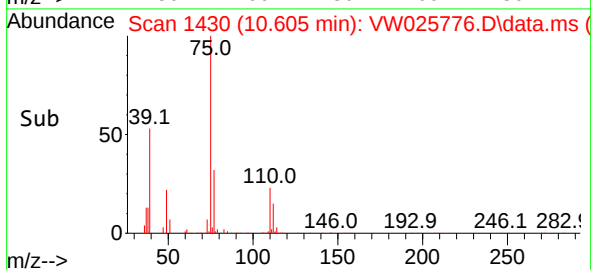
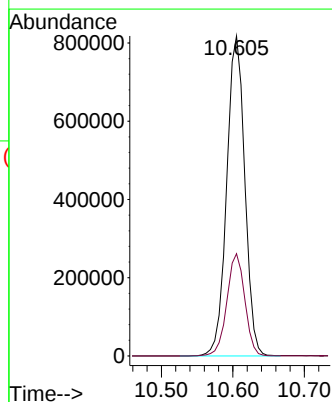
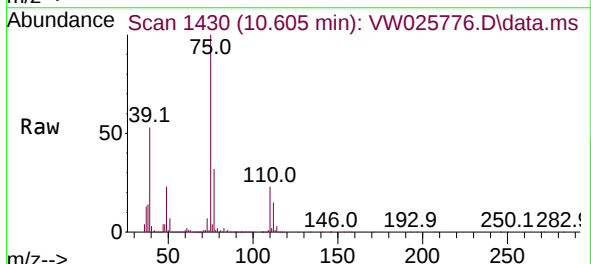
Instrument :
MSVOA_W
ClientSampleId :
VSTD100455

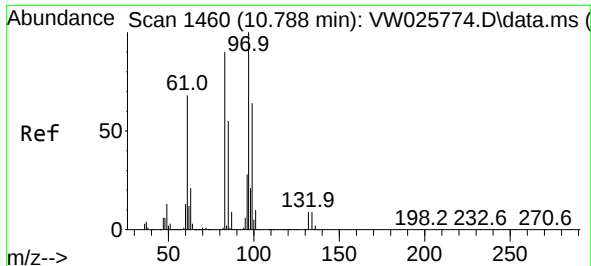
Tgt Ion: 91 Resp: 4047727
Ion Ratio Lower Upper
91 100
92 57.6 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 100.678 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

Tgt Ion: 75 Resp: 1434873
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.4

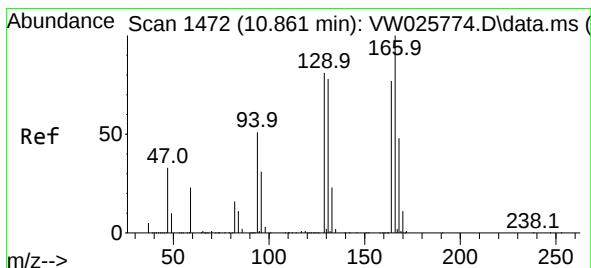
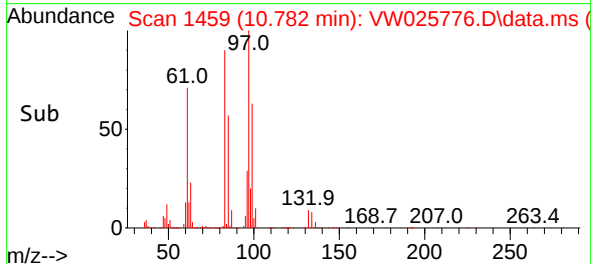
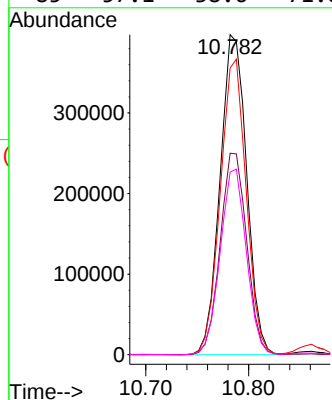
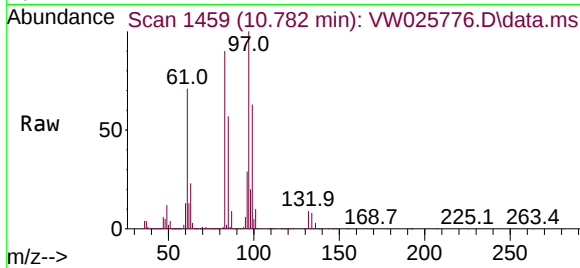




#45
1,1,2-Trichloroethane
Concen: 90.990 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

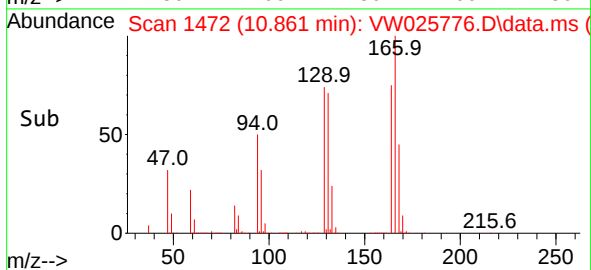
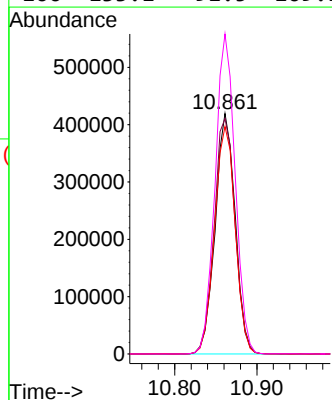
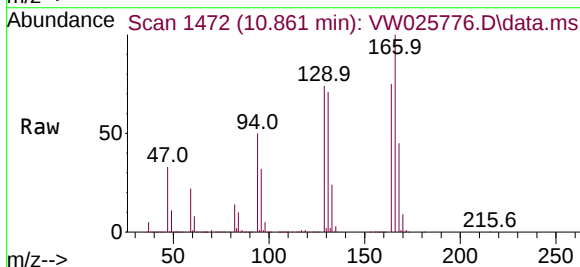
Instrument :
MSVOA_W
ClientSampleId :
VSTD100455

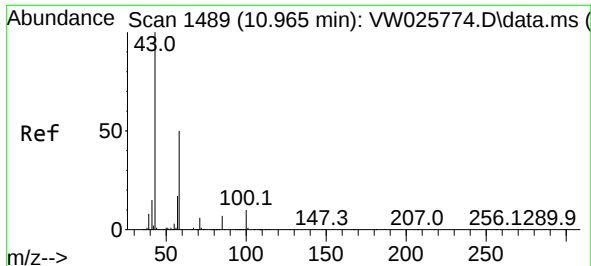
Tgt Ion: 97 Resp: 713899
Ion Ratio Lower Upper
97 100
99 63.0 44.5 82.7
83 89.5 63.0 117.0
85 57.1 38.6 71.8



#46
Tetrachloroethene
Concen: 91.934 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

Tgt Ion:164 Resp: 710507
Ion Ratio Lower Upper
164 100
129 97.9 74.3 138.1
131 94.5 71.3 132.3
166 133.1 91.5 169.9



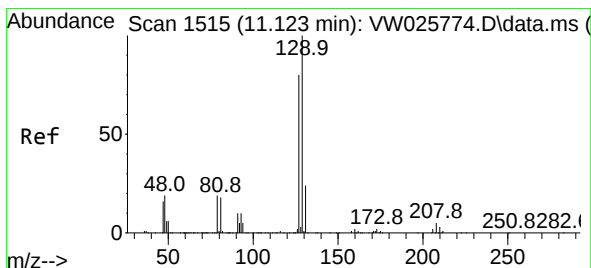
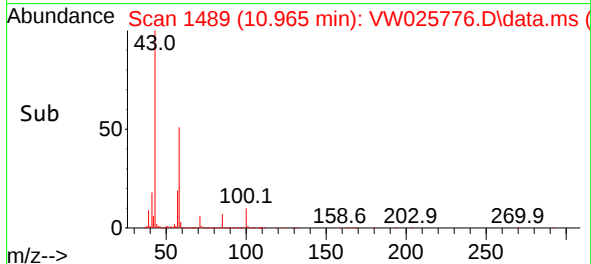
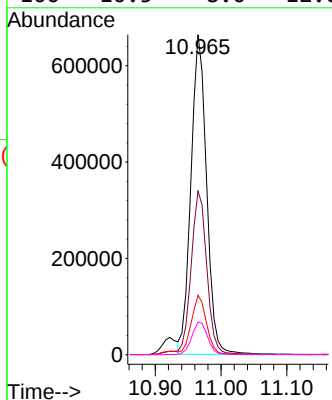
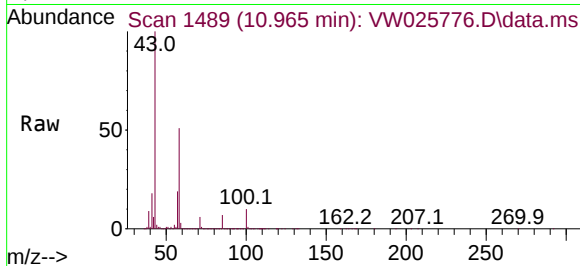


#48
2-Hexanone
Concen: 196.255 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD100455

Tgt Ion: 43 Resp: 1091548

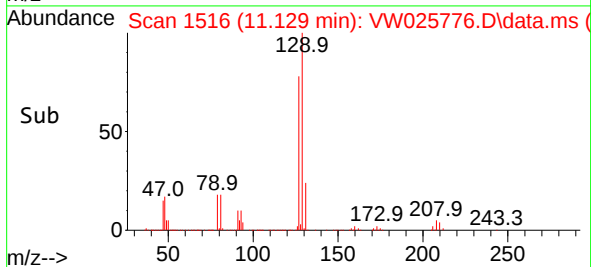
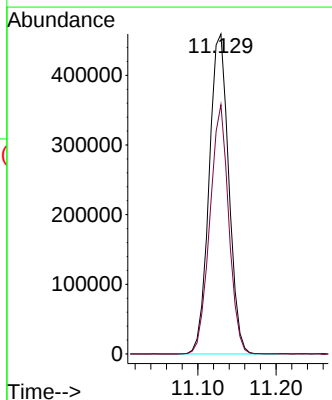
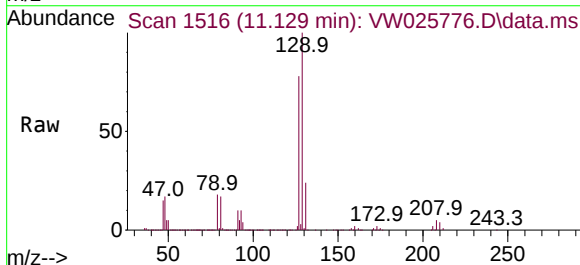
Ion	Ratio	Lower	Upper
43	100		
58	51.4	40.8	61.2
57	18.1	13.6	20.4
100	10.5	8.0	12.0

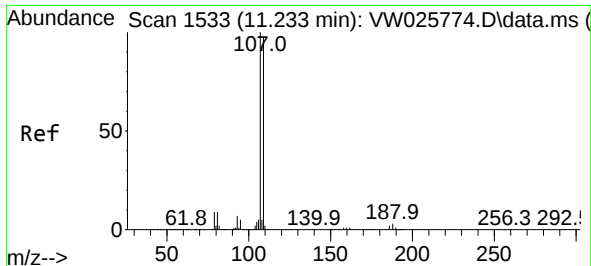


#49
Dibromochloromethane
Concen: 98.275 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

Tgt Ion: 129 Resp: 798257

Ion	Ratio	Lower	Upper
129	100		
127	77.9	56.1	104.3





#50

1,2-Dibromoethane

Concen: 94.788 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD100455

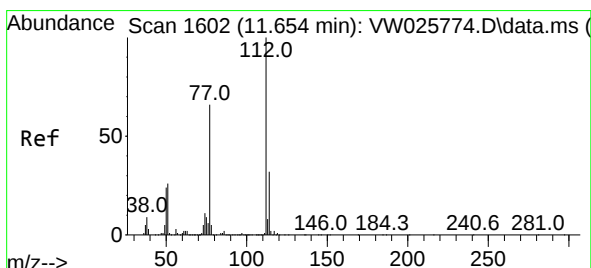
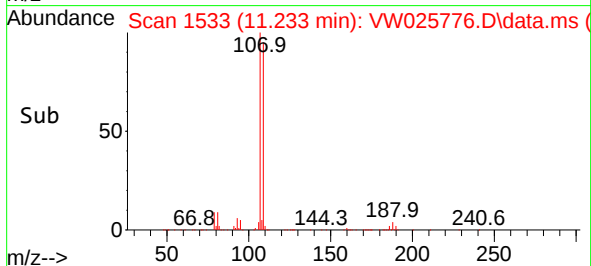
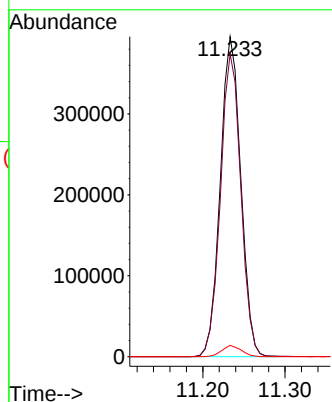
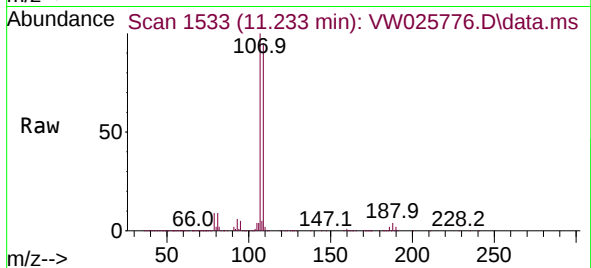
Tgt Ion:107 Resp: 685591

Ion Ratio Lower Upper

107 100

109 94.6 67.5 125.4

188 3.5 2.6 4.0



#51

Chlorobenzene

Concen: 93.795 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

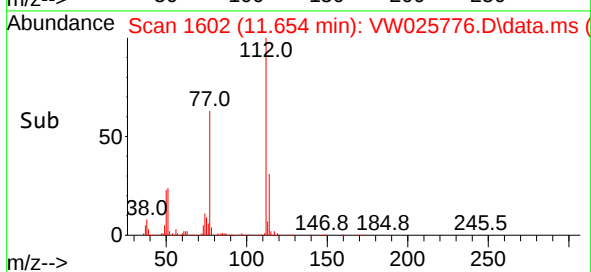
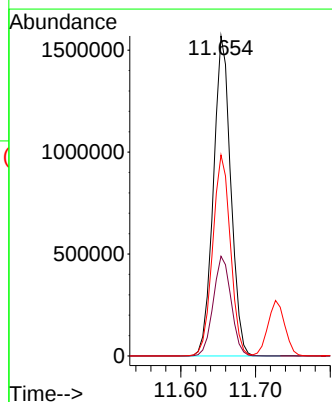
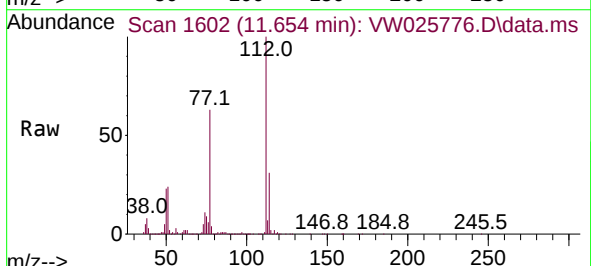
Tgt Ion:112 Resp: 2541695

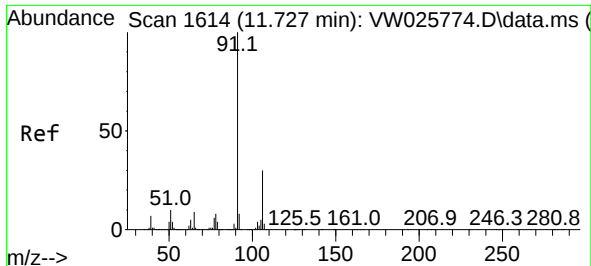
Ion Ratio Lower Upper

112 100

114 31.2 22.7 42.3

77 62.8 53.0 79.6

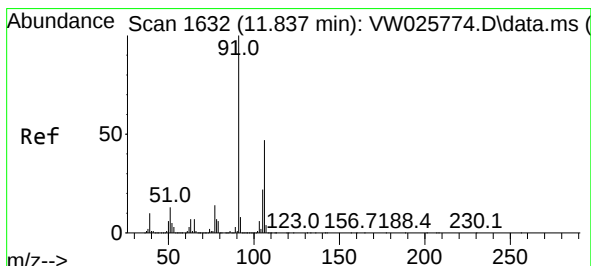
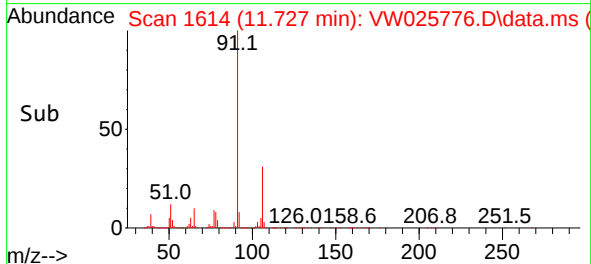
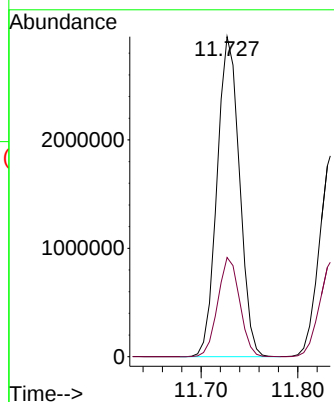
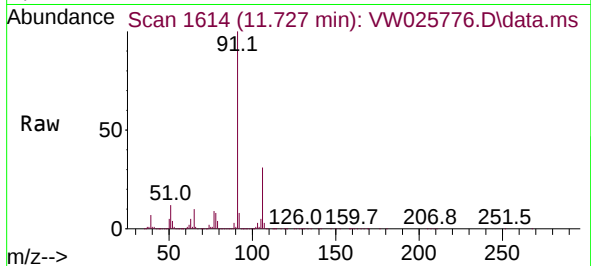




#52
Ethylbenzene
Concen: 96.497 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

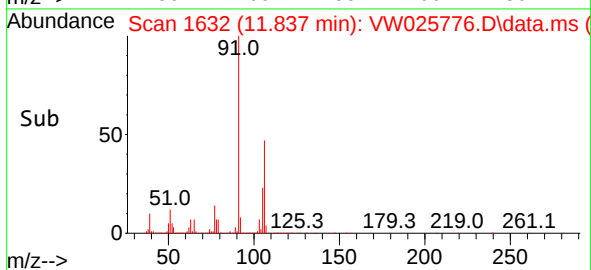
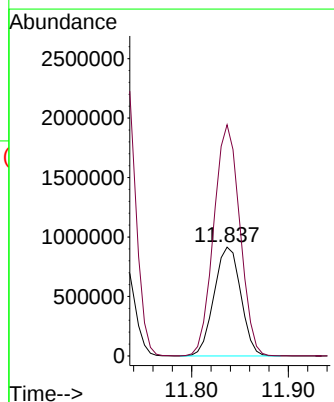
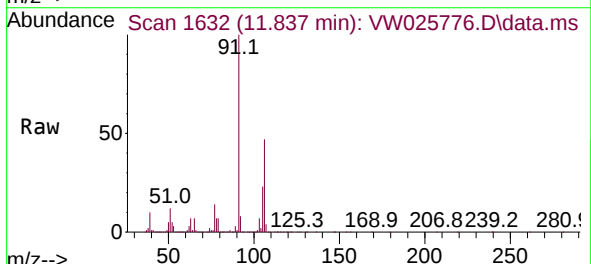
Instrument :
MSVOA_W
ClientSampleId :
VSTD100455

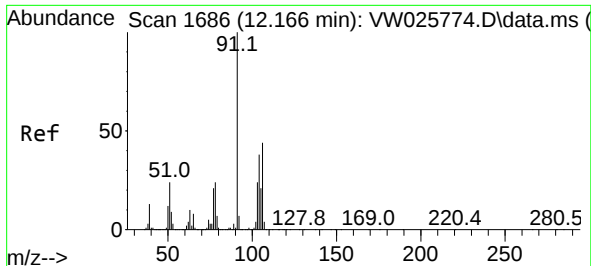
Tgt Ion: 91 Resp: 4748158
Ion Ratio Lower Upper
91 100
106 31.0 20.8 38.6



#53
m,p-Xylene
Concen: 96.899 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

Tgt Ion:106 Resp: 1754818
Ion Ratio Lower Upper
106 100
91 212.5 150.1 278.9

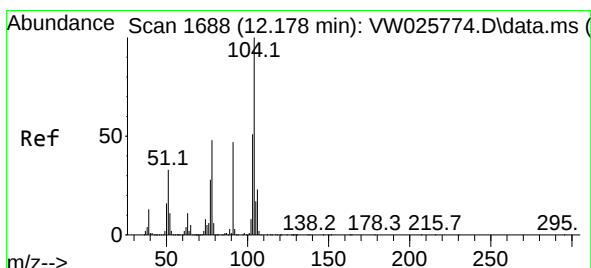
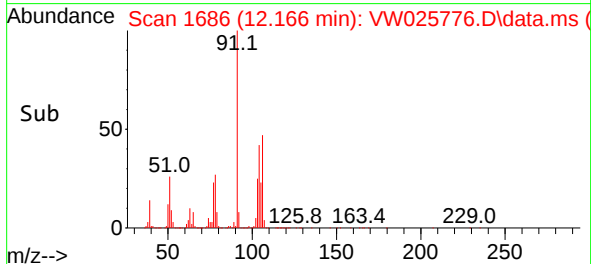
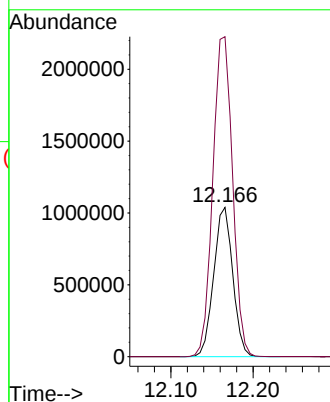
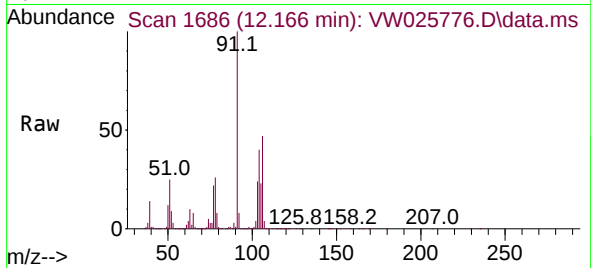




#54
o-Xylene
Concen: 97.978 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

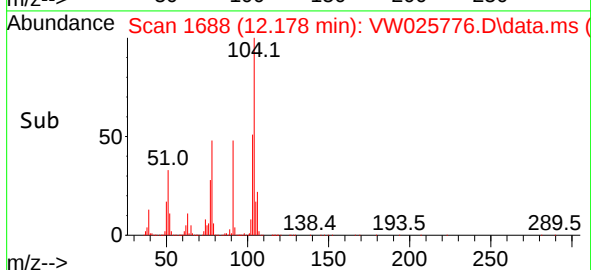
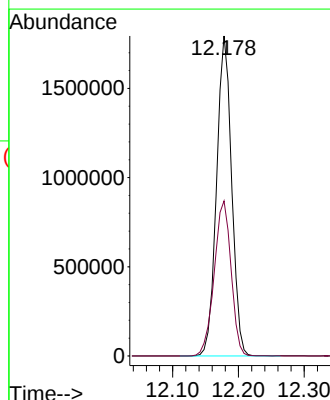
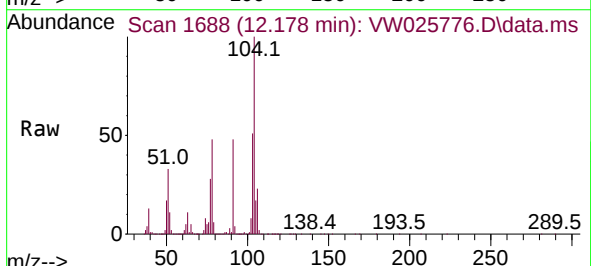
Instrument :
MSVOA_W
ClientSampleId :
VSTD100455

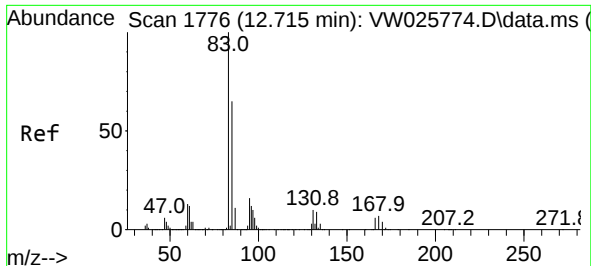
Tgt Ion:106 Resp: 1672429
Ion Ratio Lower Upper
106 100
91 214.2 157.8 293.1



#55
Styrene
Concen: 98.053 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

Tgt Ion:104 Resp: 2864700
Ion Ratio Lower Upper
104 100
78 48.4 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 92.394 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD100455

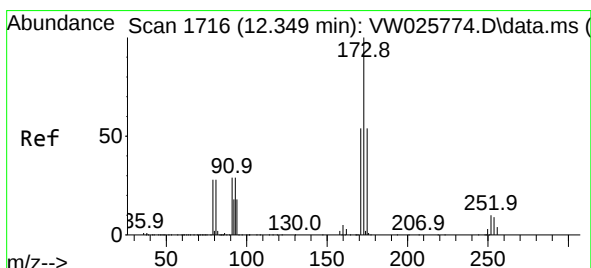
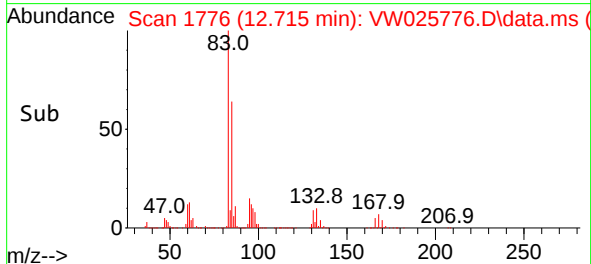
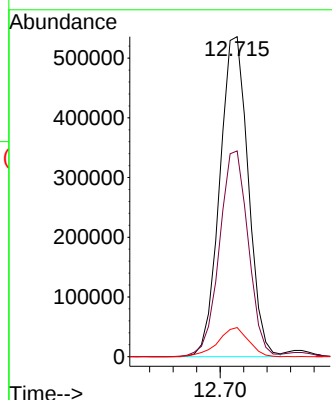
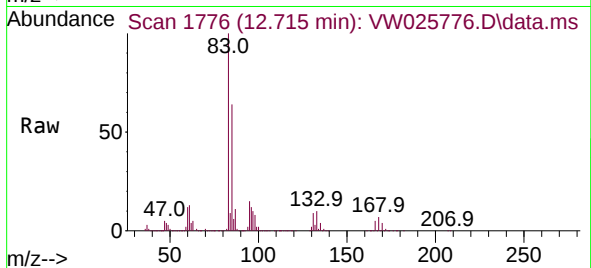
Tgt Ion: 83 Resp: 904516

Ion Ratio Lower Upper

83 100

85 64.3 45.6 84.8

131 9.1 8.1 12.1



#59

Bromoform

Concen: 98.714 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

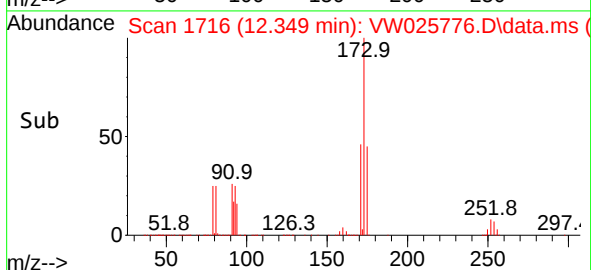
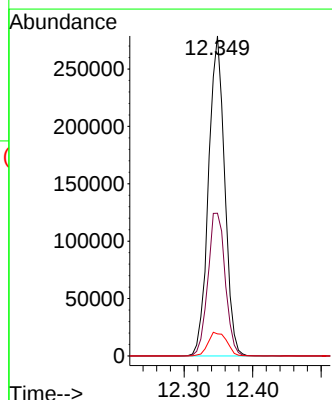
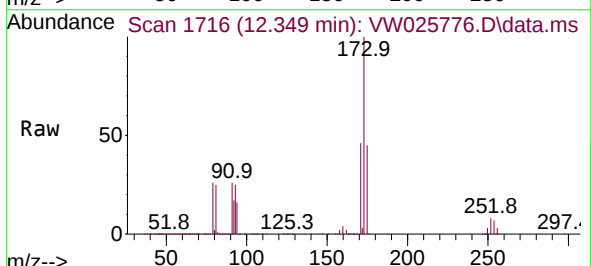
Tgt Ion:173 Resp: 456492

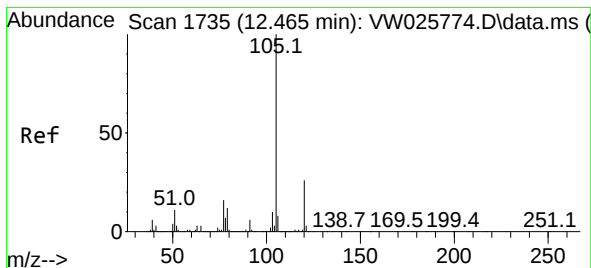
Ion Ratio Lower Upper

173 100

175 48.0 38.6 57.8

254 8.5 7.6 11.4





#60

Isopropylbenzene

Concen: 96.937 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD100455

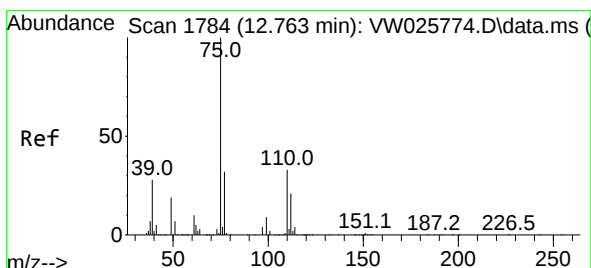
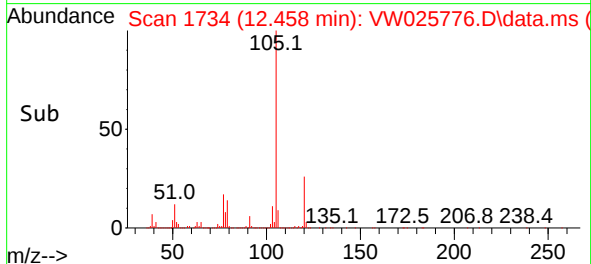
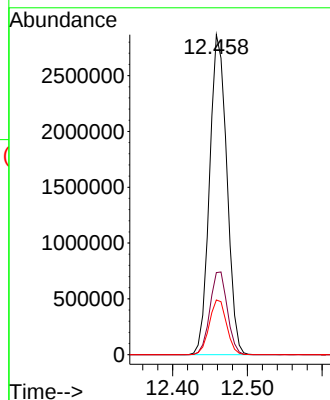
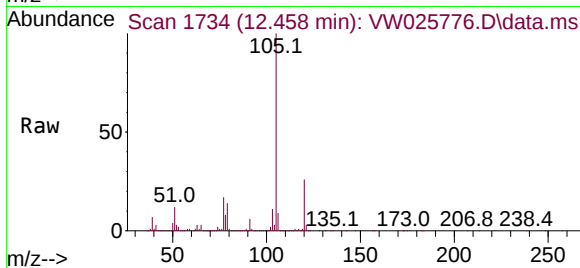
Tgt Ion:105 Resp: 4600295

Ion Ratio Lower Upper

105 100

120 26.0 21.1 31.7

77 17.1 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 88.838 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

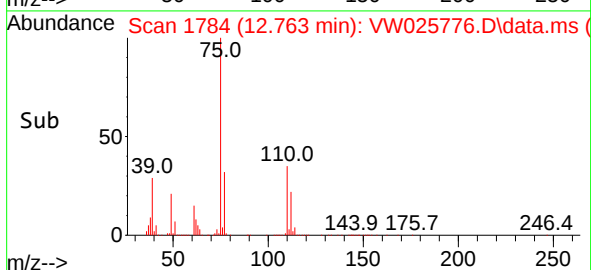
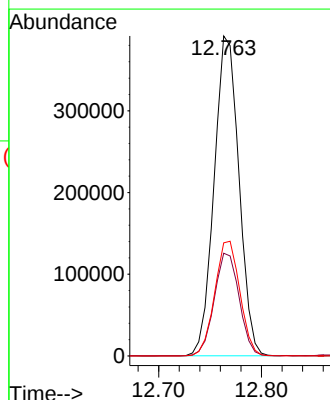
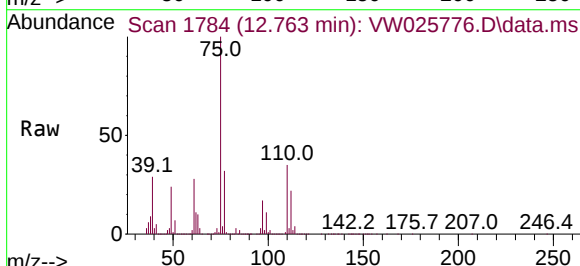
Tgt Ion: 75 Resp: 655490

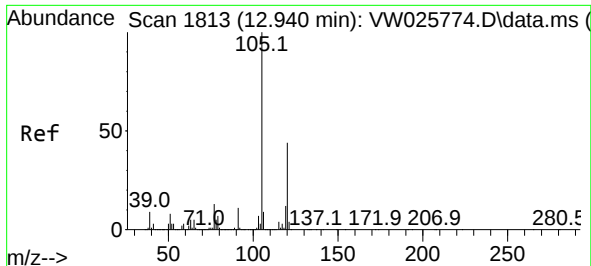
Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

110 36.4 27.6 41.4

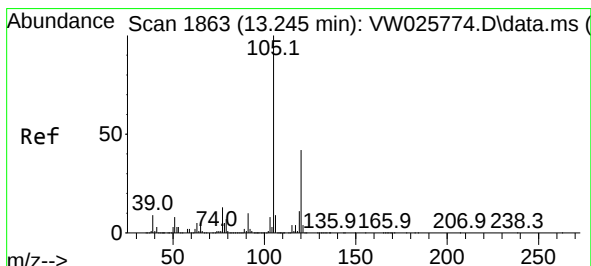
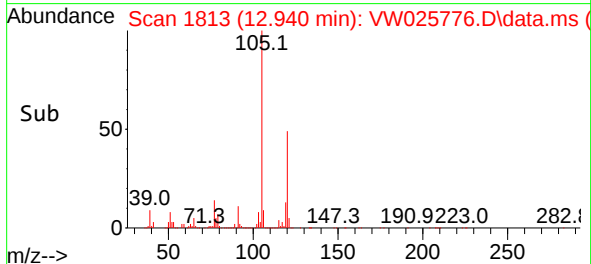
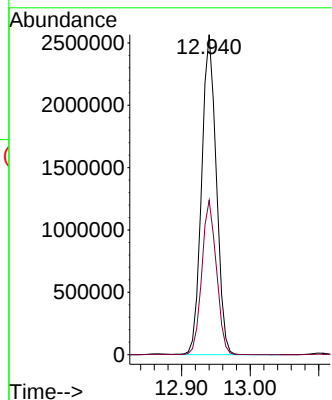
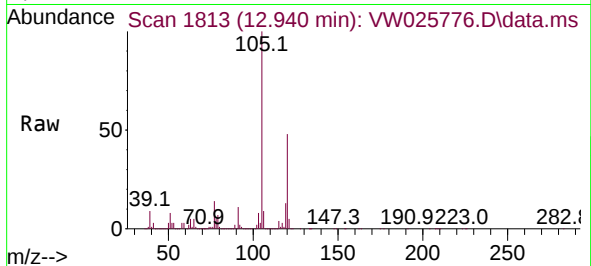




#62
1,3,5-Trimethylbenzene
Concen: 101.929 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

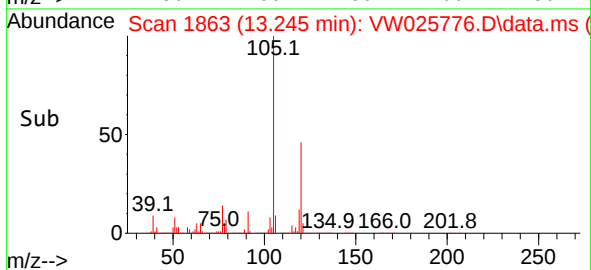
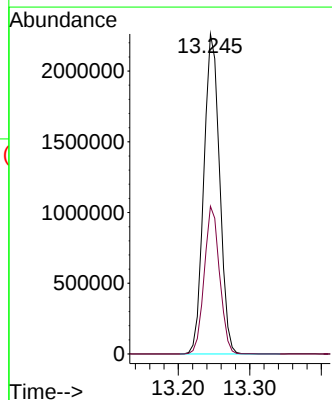
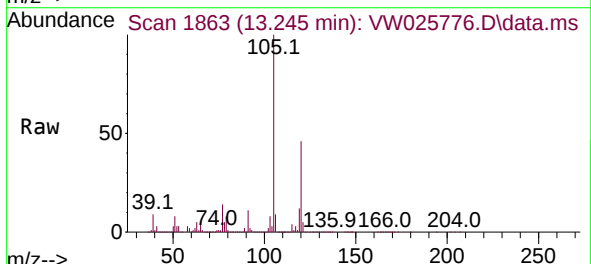
Instrument :
MSVOA_W
ClientSampleId :
VSTD100455

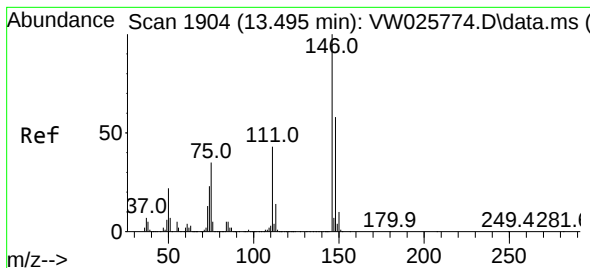
Tgt Ion:105 Resp: 3831284
Ion Ratio Lower Upper
105 100
120 47.8 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 99.984 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

Tgt Ion:105 Resp: 3468043
Ion Ratio Lower Upper
105 100
120 44.7 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 90.201 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD100455

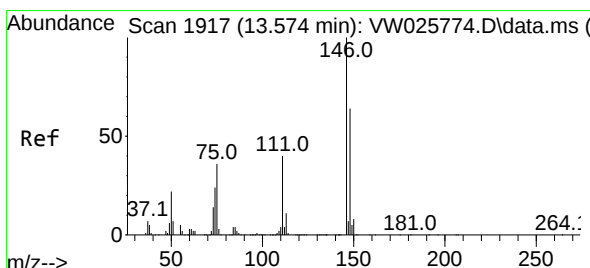
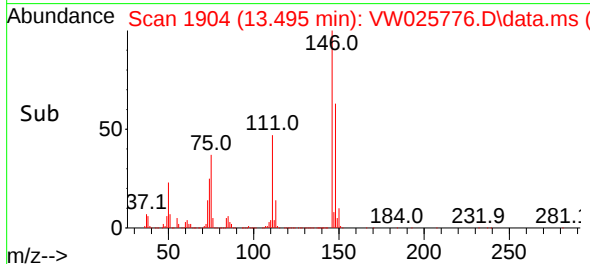
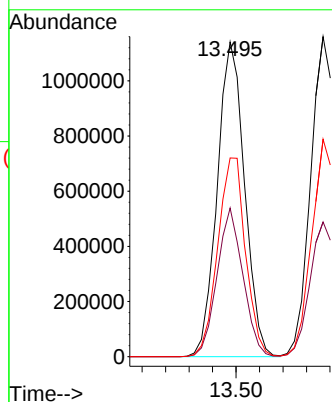
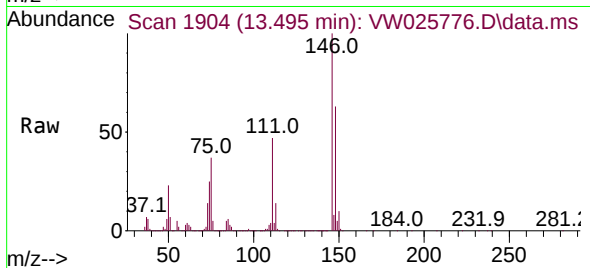
Tgt Ion:146 Resp: 1842727

Ion Ratio Lower Upper

146 100

111 47.2 30.4 56.4

148 63.2 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 90.198 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

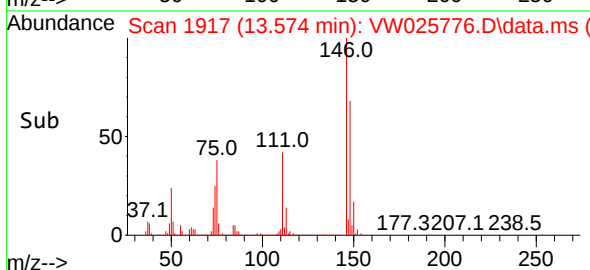
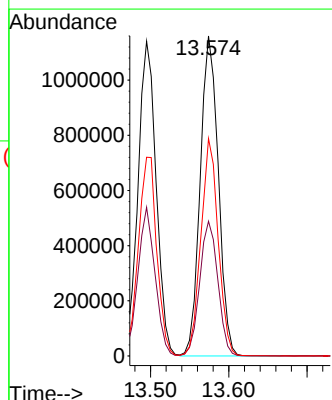
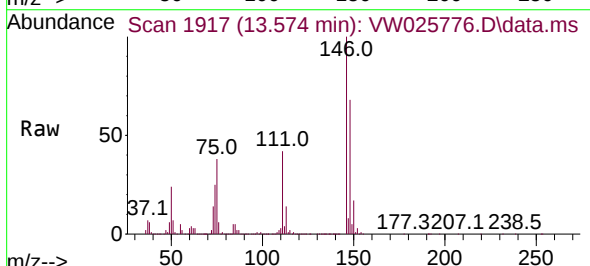
Tgt Ion:146 Resp: 1861640

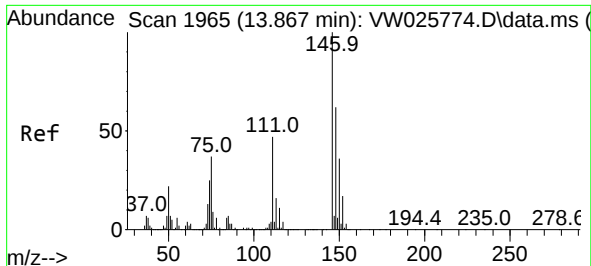
Ion Ratio Lower Upper

146 100

111 42.1 27.9 51.9

148 67.9 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 92.192 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD100455

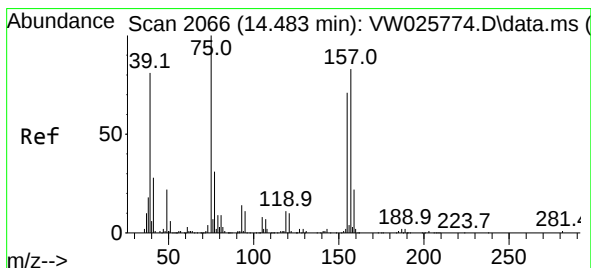
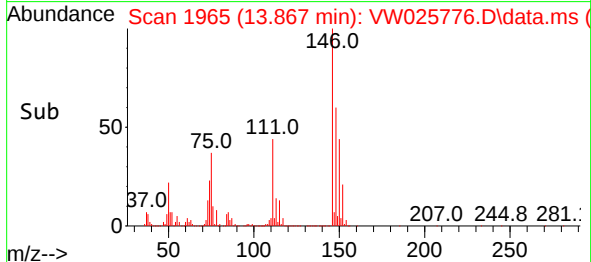
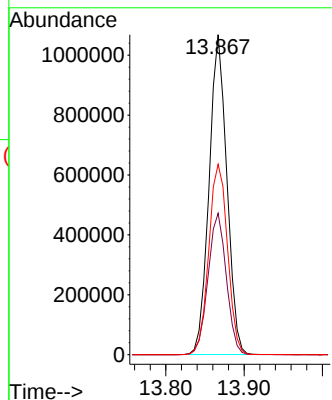
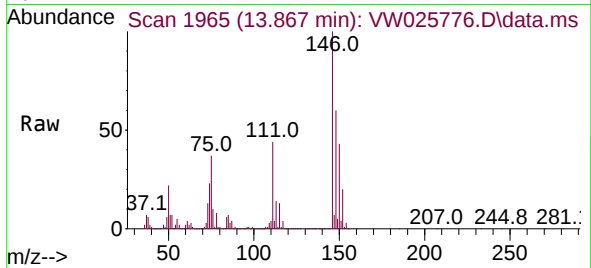
Tgt Ion:146 Resp: 1679669

Ion Ratio Lower Upper

146 100

111 44.2 37.7 56.5

148 59.5 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 89.494 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

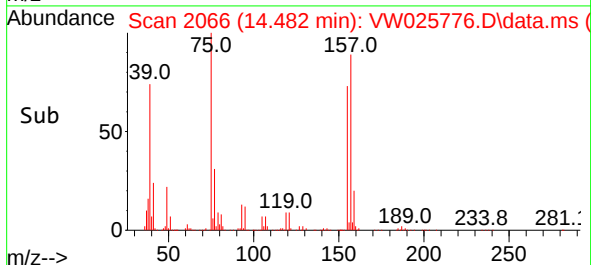
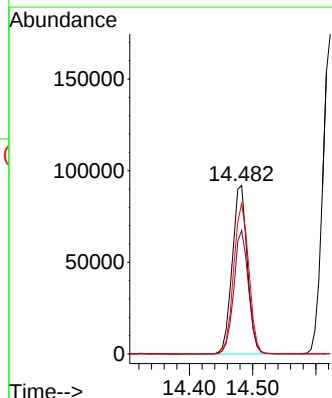
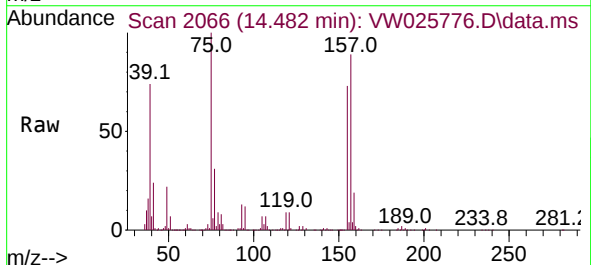
Tgt Ion: 75 Resp: 153122

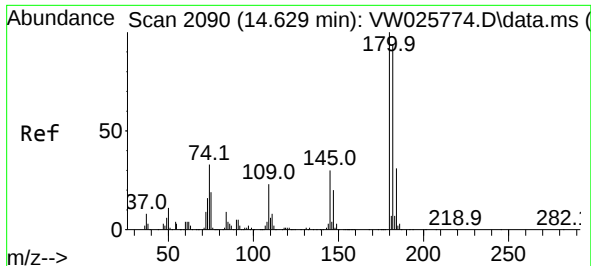
Ion Ratio Lower Upper

75 100

155 73.3 56.3 84.5

157 89.0 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 94.603 ug/L

RT: 14.623 min Scan# 2090

Delta R.T. -0.006 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

Instrument :

MSVOA_W

ClientSampleId :

VSTD100455

Tgt Ion:180 Resp: 1282881

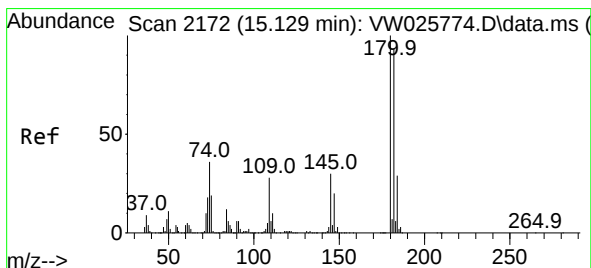
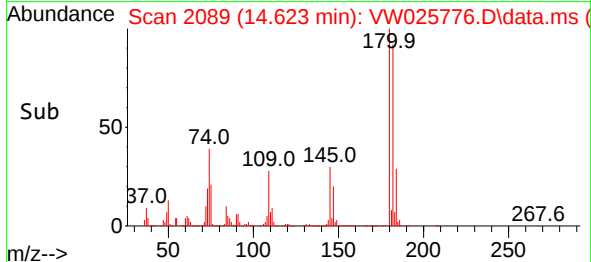
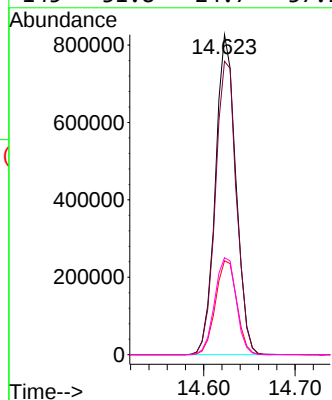
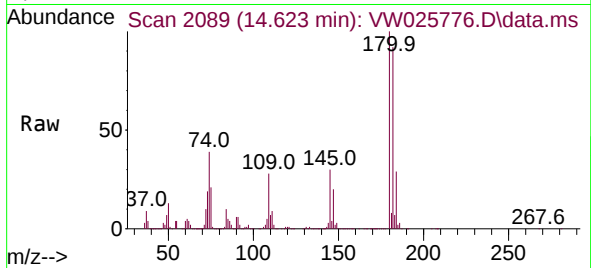
Ion Ratio Lower Upper

180 100

182 94.9 77.4 116.0

184 30.7 24.7 37.1

145 31.8 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 100.240 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025776.D

Acq: 01 May 2023 13:15

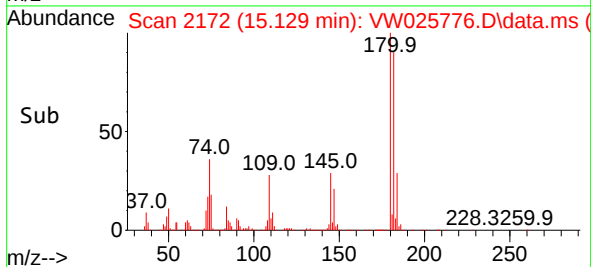
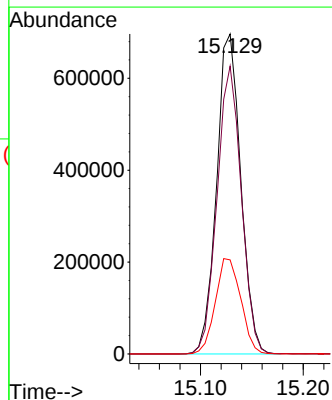
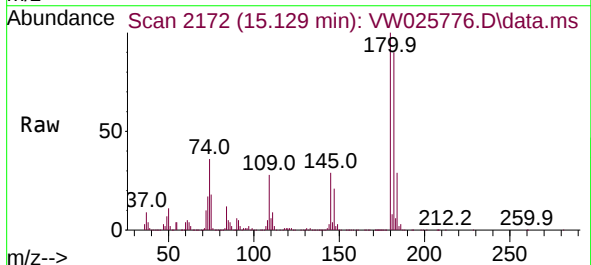
Tgt Ion:180 Resp: 1138803

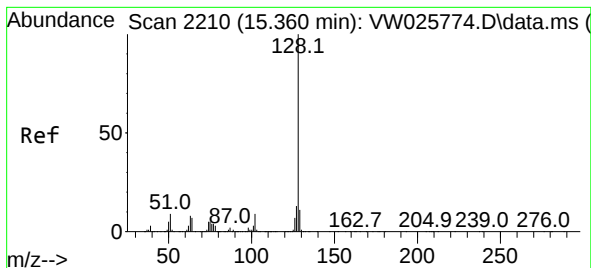
Ion Ratio Lower Upper

180 100

182 90.2 74.3 111.5

145 31.4 25.4 38.0

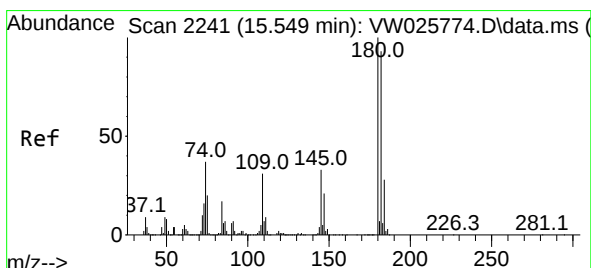
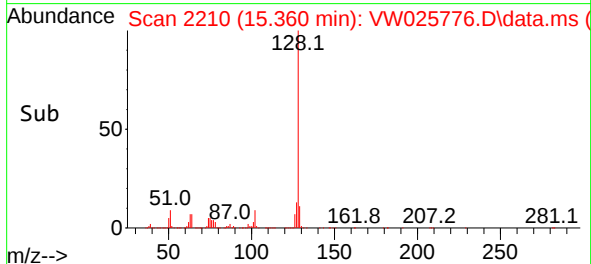
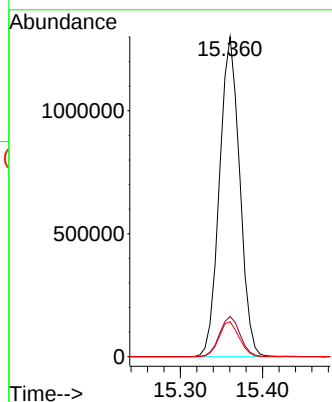
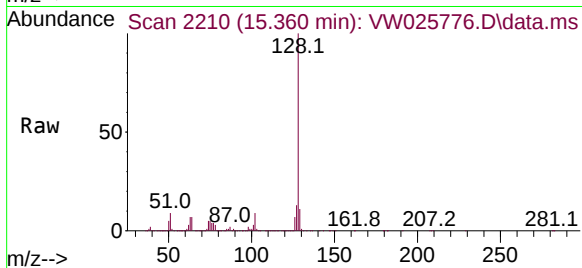




#71
Naphthalene
Concen: 103.768 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD100455

Tgt Ion:128 Resp: 2225055
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 96.779 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW025776.D
Acq: 01 May 2023 13:15

Tgt Ion:180 Resp: 975553
Ion Ratio Lower Upper
180 100
182 92.3 76.1 114.1
145 33.4 28.0 42.0

