

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
 Data File : VW025778.D
 Acq On : 01 May 2023 14:53
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025588

Quant Time: May 02 01:37:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 01:30:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	661694	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	597672	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	293145	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	256357	27.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.360%	
7) Chloroethane-d5	2.899	69	190328	27.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.520%	
11) 1,1-Dichloroethene-d2	4.021	65	121981	25.980	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.920%	
21) 2-Butanone-d5	7.075	46	149422	48.204	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 96.400%	
24) Chloroform-d	7.648	84	491040	25.736	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.960%	
26) 1,2-Dichloroethane-d4	8.307	65	268453	24.881	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 99.520%	
32) Benzene-d6	8.276	84	1010196	25.867	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.480%	
36) 1,2-Dichloropropane-d6	9.276	67	317273	25.392	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 101.560%	
41) Toluene-d8	10.318	98	893680	25.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.640%	
43) trans-1,3-Dichloroprop...	10.575	79	126049	24.887	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 99.560%	
47) 2-Hexanone-d5	10.922	63	106842	50.145	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.280%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	234863	24.661	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 98.640%	
66) 1,2-Dichlorobenzene-d4	13.848	152	275535	25.784	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	188866	25.548	ug/L	96
3) Chloromethane	2.222	50	285126	26.159	ug/L	99
5) Vinyl chloride	2.375	62	288116	25.538	ug/L	99
6) Bromomethane	2.789	94	154604	25.195	ug/L	93
8) Chloroethane	2.936	64	165291	25.766	ug/L	99
9) Trichlorofluoromethane	3.271	101	203909	23.949	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	231589	25.010	ug/L	99
12) 1,1-Dichloroethene	4.051	96	219875	24.846	ug/L	96
13) Acetone	4.118	43	118130	42.978	ug/L	100
14) Carbon disulfide	4.393	76	747060	24.963	ug/L	100
15) Methyl Acetate	4.667	43	131407	24.260	ug/L	99
16) Methylene chloride	4.917	84	306127	22.433	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	241973	25.064	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	377939	25.793	ug/L	99
19) 1,1-Dichloroethane	6.222	63	496950	25.054	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	258732	24.980	ug/L	97
22) 2-Butanone	7.167	43	178567	47.049	ug/L	100
23) Bromochloromethane	7.514	128	105013	23.933	ug/L	96
25) Chloroform	7.679	83	453616	24.883	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
 Data File : VW025778.D
 Acq On : 01 May 2023 14:53
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025588

Quant Time: May 02 01:37:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 01:30:37 2023
 Response via : Initial Calibration

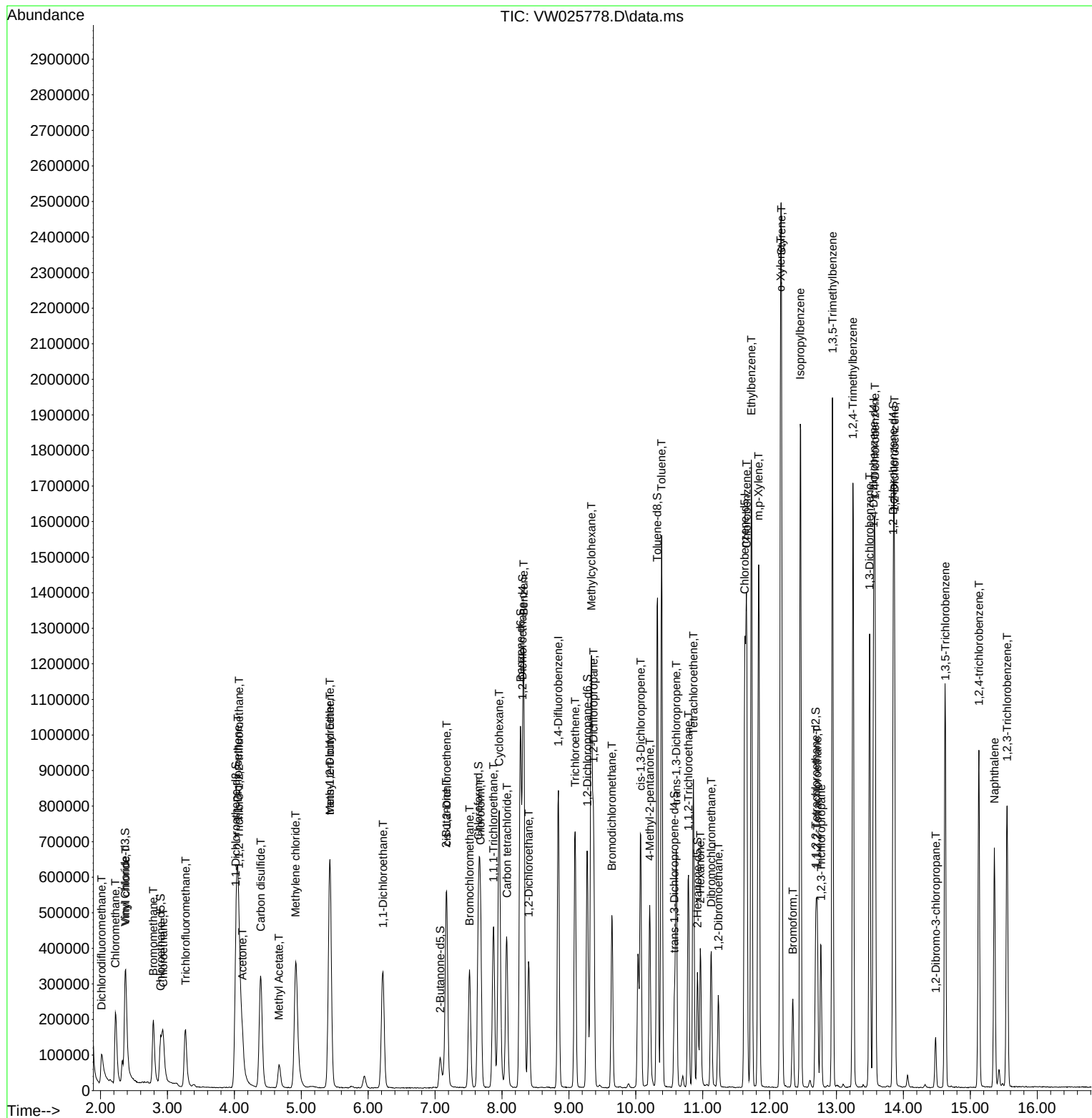
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	319838	24.704	ug/L	98
29) Cyclohexane	7.959	56	468862	25.315	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	360317	24.651	ug/L	100
31) Carbon tetrachloride	8.075	117	323343	24.581	ug/L	98
33) Benzene	8.325	78	1045441	25.283	ug/L	100
34) Trichloroethene	9.093	95	263533	24.837	ug/L	95
35) Methylcyclohexane	9.337	83	465658	24.675	ug/L	99
37) 1,2-Dichloropropane	9.367	63	281989	24.891	ug/L	99
38) Bromodichloromethane	9.642	83	321668	24.749	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	417042	25.102	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	364697	49.457	ug/L	100
42) Toluene	10.386	91	1068729	25.295	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	347317	25.230	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	183815	24.256	ug/L	98
46) Tetrachloroethene	10.861	164	181061	24.255	ug/L	92
48) 2-Hexanone	10.965	43	258419	48.918	ug/L	100
49) Dibromochloromethane	11.129	129	193781	24.699	ug/L	98
50) 1,2-Dibromoethane	11.233	107	169190	24.218	ug/L	98
51) Chlorobenzene	11.654	112	653089	24.952	ug/L	99
52) Ethylbenzene	11.727	91	1210107	25.462	ug/L	100
53) m,p-Xylene	11.836	106	445863	25.489	ug/L	100
54) o-Xylene	12.166	106	424784	25.764	ug/L	96
55) Styrene	12.178	104	733802	26.004	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	231505	24.483	ug/L	95
59) Bromoform	12.349	173	107032	24.650	ug/L	98
60) Isopropylbenzene	12.458	105	1183925	26.570	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	166733	24.066	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	964862	27.338	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	877395	26.940	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	485345	25.302	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	486350	25.096	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	425538	24.875	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	37498	23.341	ug/L	94
69) 1,3,5-Trichlorobenzene	14.629	180	316345	24.845	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	273287	25.619	ug/L	99
71) Naphthalene	15.360	128	529770	26.313	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	245961	25.987	ug/L	99

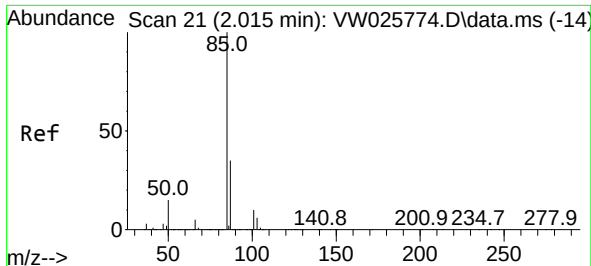
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050123\
 Data File : VW025778.D
 Acq On : 01 May 2023 14:53
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025588

Quant Time: May 02 01:37:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 01:30:37 2023
 Response via : Initial Calibration

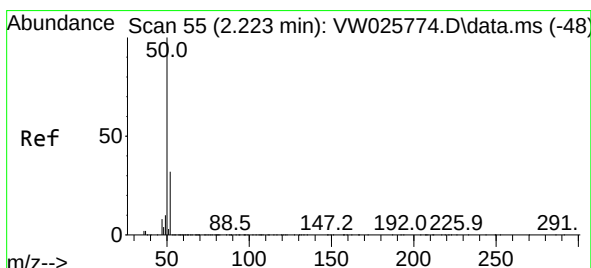
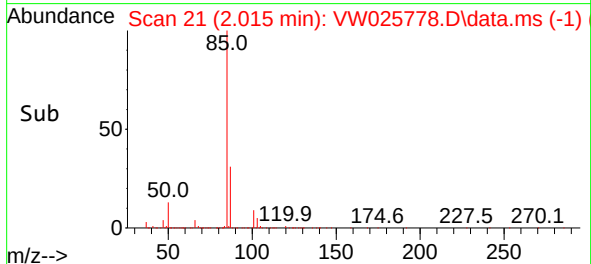
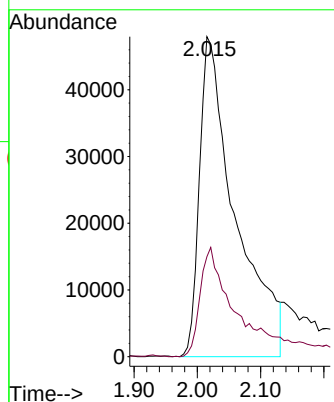
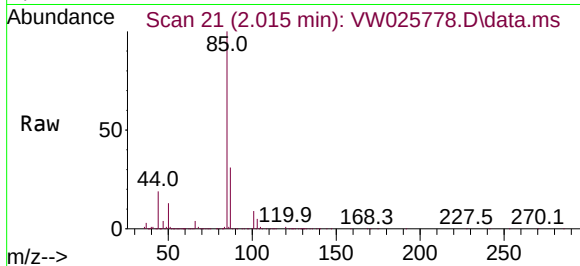




#2
Dichlorodifluoromethane
Concen: 25.548 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

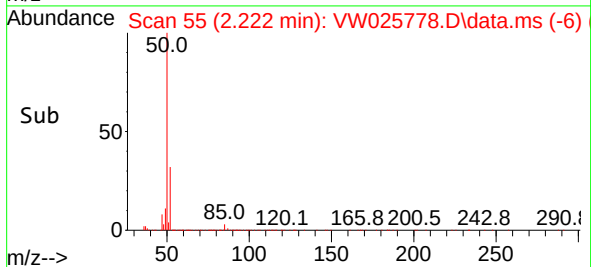
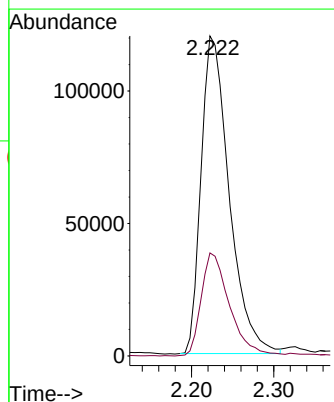
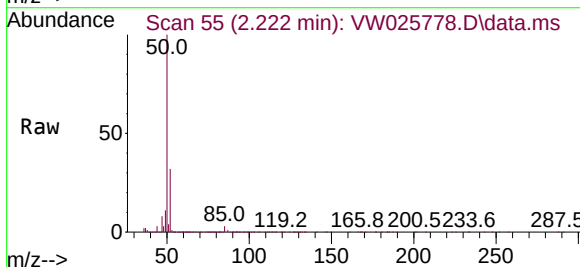
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

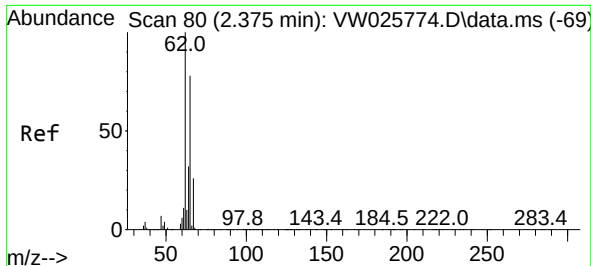
Tgt Ion: 85 Resp: 188866
Ion Ratio Lower Upper
85 100
87 28.7 24.7 37.1



#3
Chloromethane
Concen: 26.159 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

Tgt Ion: 50 Resp: 285126
Ion Ratio Lower Upper
50 100
52 32.2 22.1 41.1

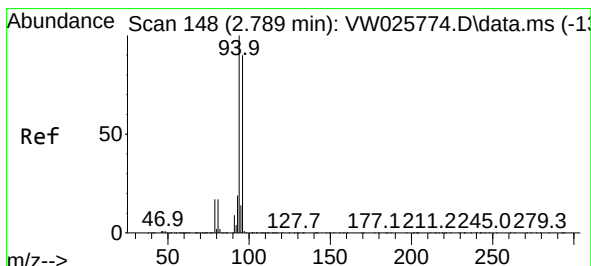
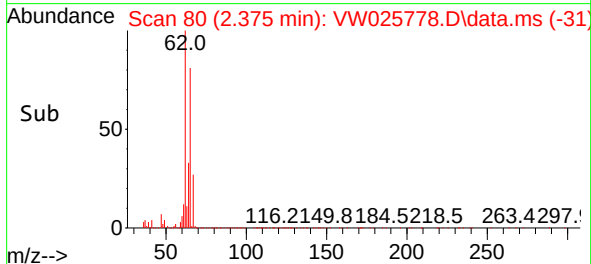
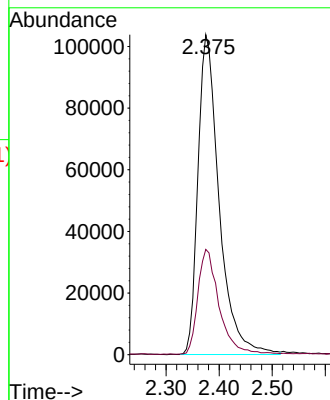
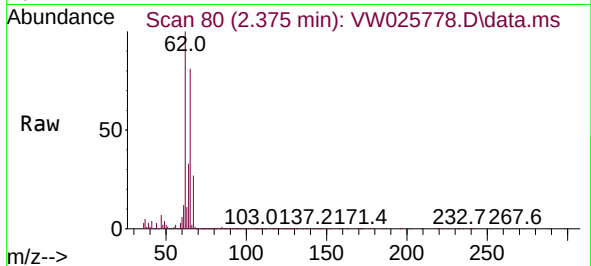




#5
 Vinyl chloride
 Concen: 25.538 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025778.D
 Acq: 01 May 2023 14:53

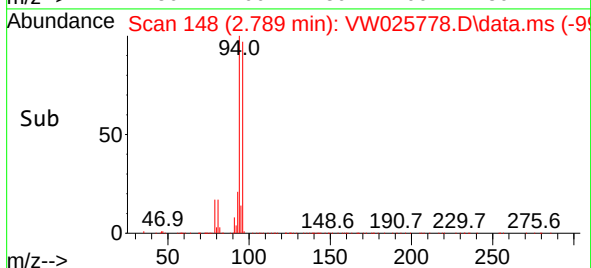
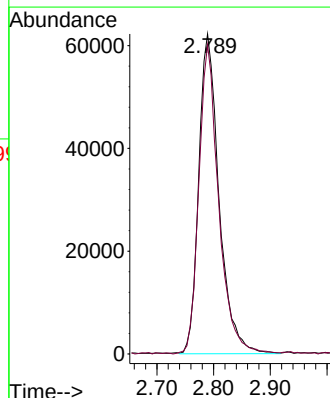
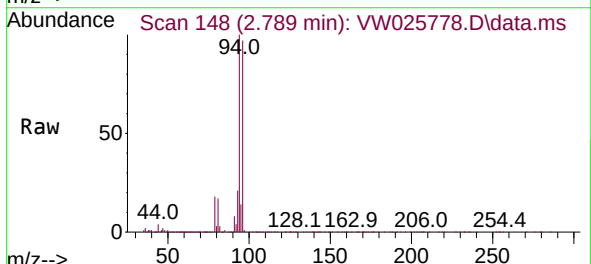
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025588

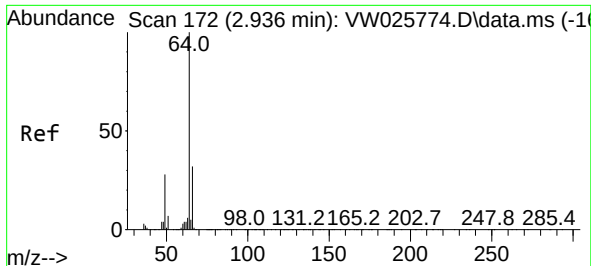
Tgt Ion: 62 Resp: 288116
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.7 42.3



#6
 Bromomethane
 Concen: 25.195 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025778.D
 Acq: 01 May 2023 14:53

Tgt Ion: 94 Resp: 154604
 Ion Ratio Lower Upper
 94 100
 96 96.7 63.1 117.1

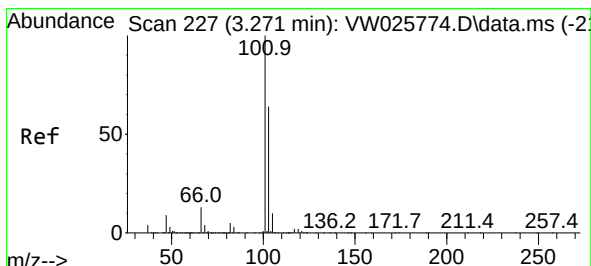
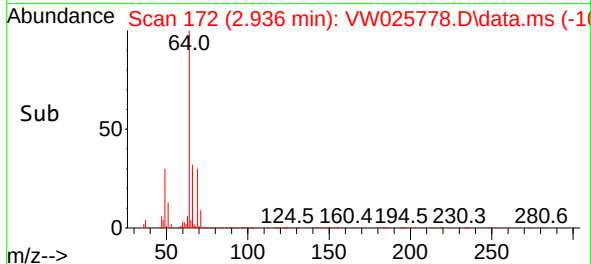
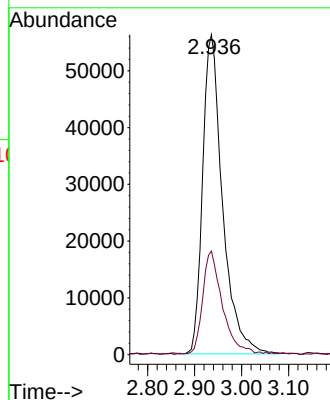
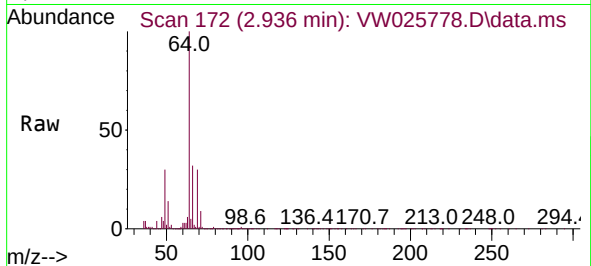




#8
Chloroethane
Concen: 25.766 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

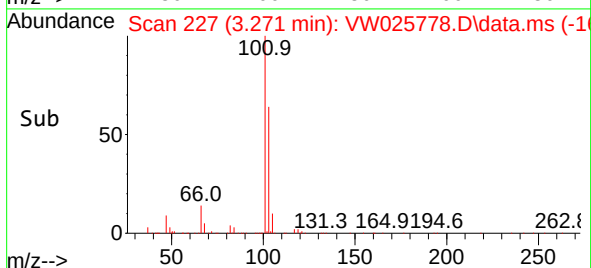
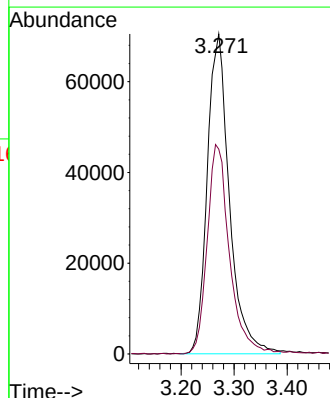
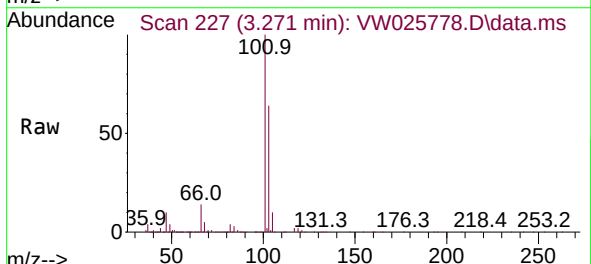
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

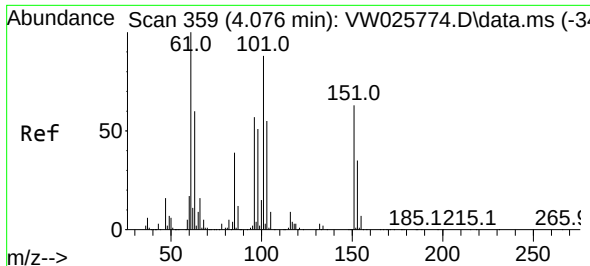
Tgt Ion: 64 Resp: 165291
Ion Ratio Lower Upper
64 100
66 32.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 23.949 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

Tgt Ion: 101 Resp: 203909
Ion Ratio Lower Upper
101 100
103 65.3 50.6 76.0

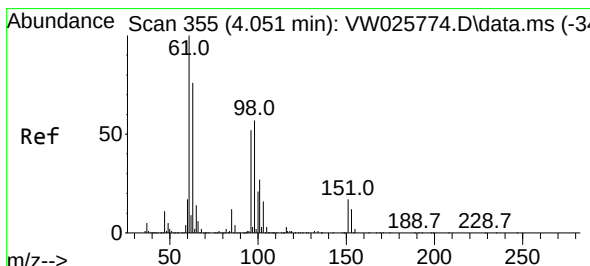
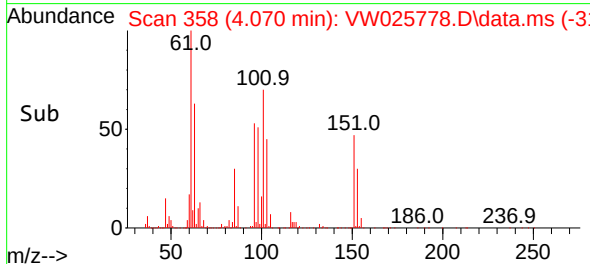
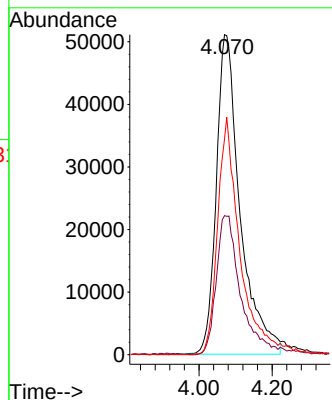
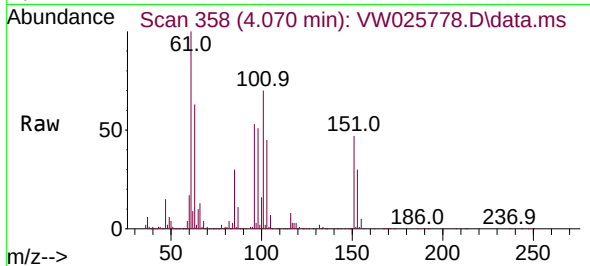




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.010 ug/L
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

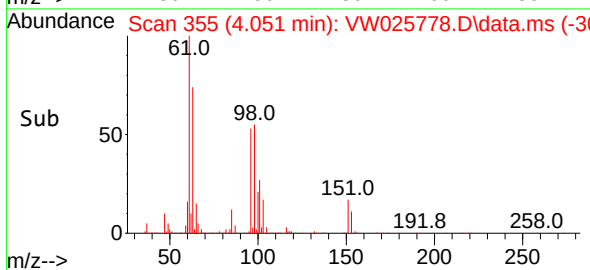
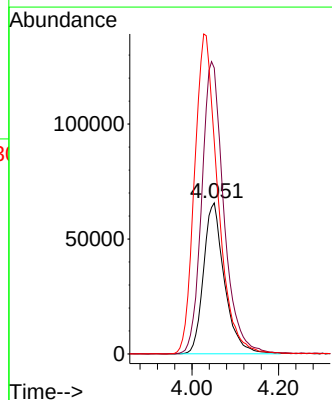
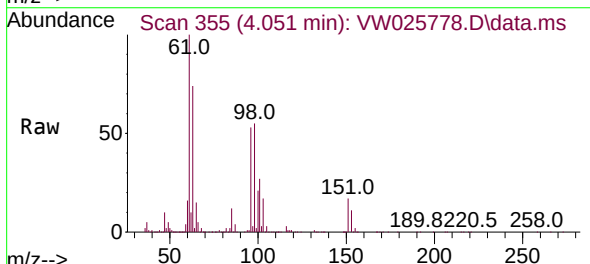
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

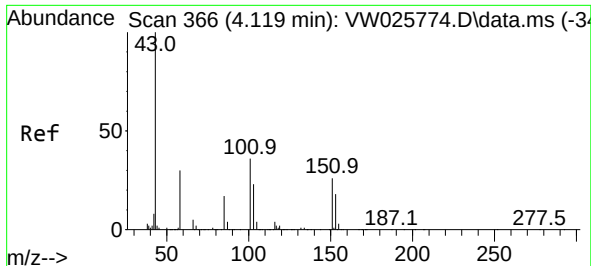
Tgt Ion:101 Resp: 231589
Ion Ratio Lower Upper
101 100
85 43.6 33.9 50.9
151 68.1 54.2 81.2



#12
1,1-Dichloroethene
Concen: 24.846 ug/L
RT: 4.051 min Scan# 355
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

Tgt Ion: 96 Resp: 219875
Ion Ratio Lower Upper
96 100
61 189.4 135.0 250.8
63 140.6 104.9 194.7

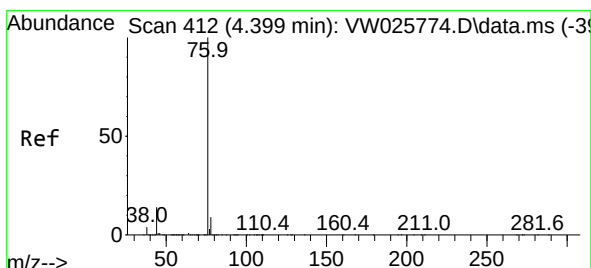
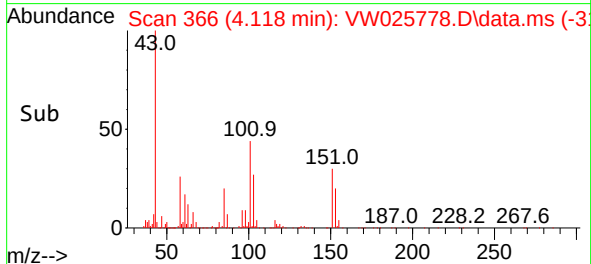
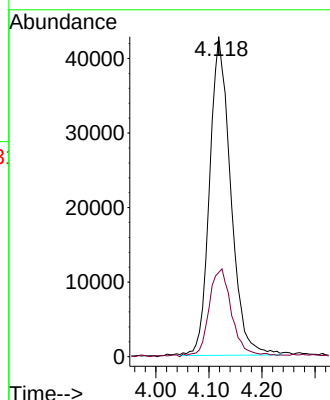
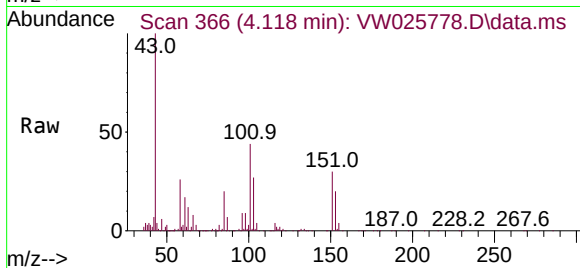




#13
Acetone
Concen: 42.978 ug/L
RT: 4.118 min Scan# 301
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

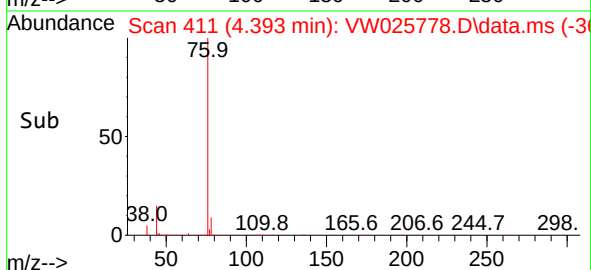
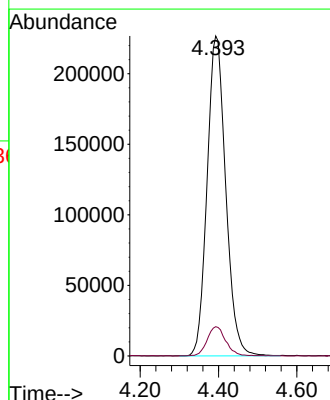
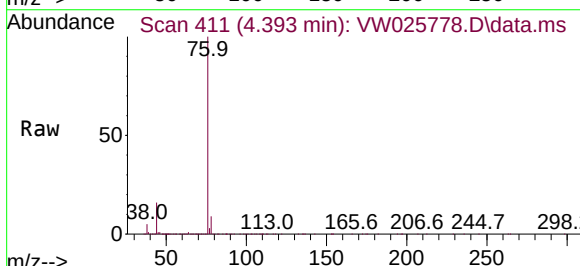
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

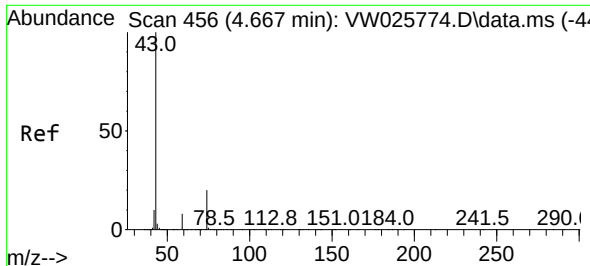
Tgt Ion: 43 Resp: 118130
Ion Ratio Lower Upper
43 100
58 28.9 0.0 58.2



#14
Carbon disulfide
Concen: 24.963 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

Tgt Ion: 76 Resp: 747060
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

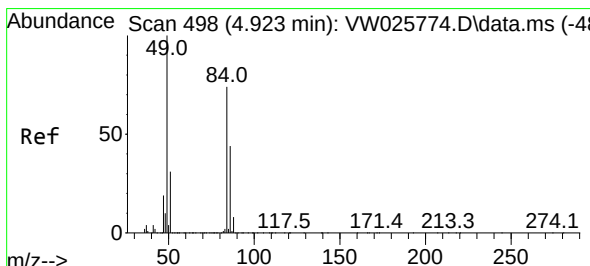
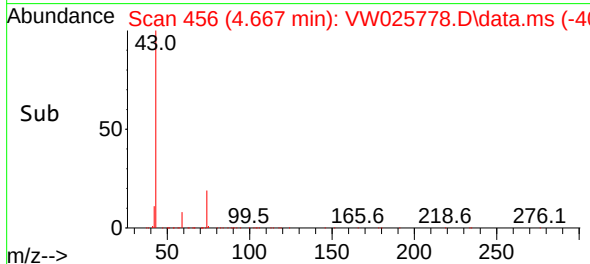
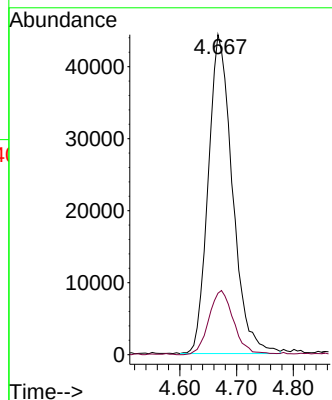
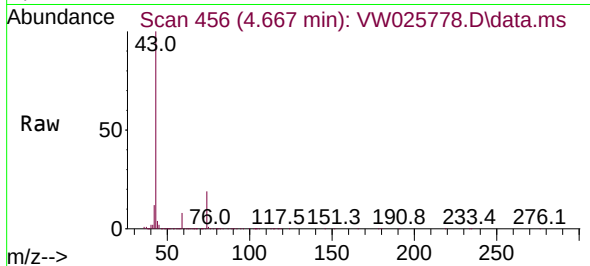




#15
Methyl Acetate
Concen: 24.260 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

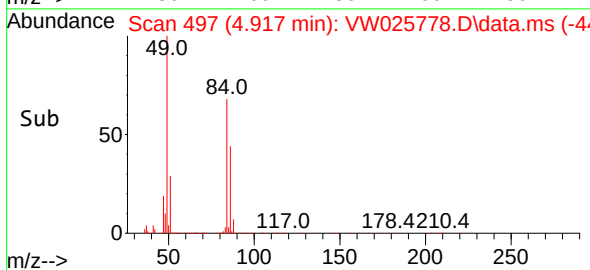
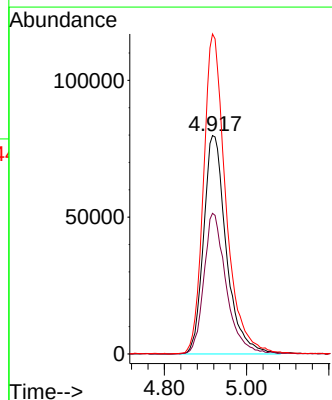
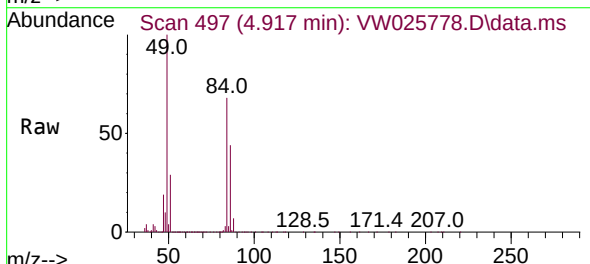
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

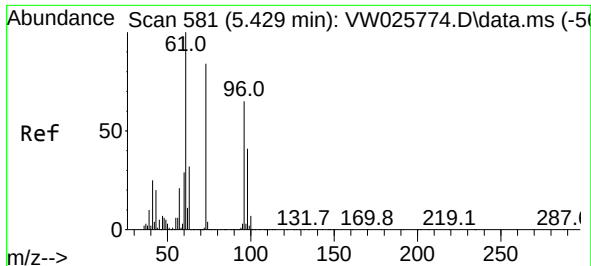
Tgt Ion: 43 Resp: 131407
Ion Ratio Lower Upper
43 100
74 20.3 16.5 24.7



#16
Methylene chloride
Concen: 22.433 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

Tgt Ion: 84 Resp: 306127
Ion Ratio Lower Upper
84 100
86 64.4 41.7 77.5
49 146.6 95.3 177.1

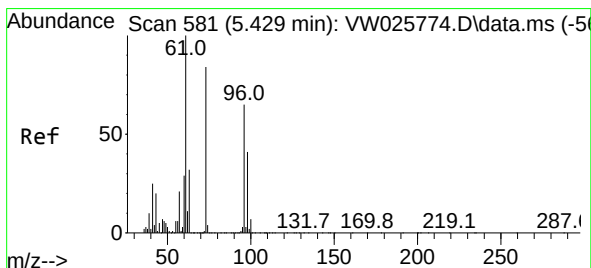
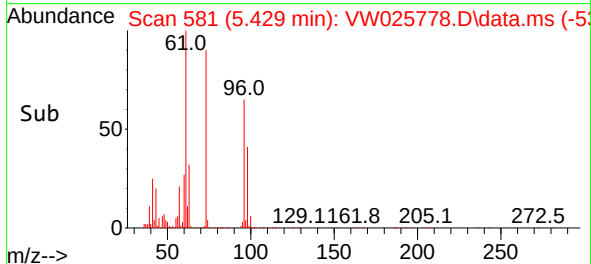
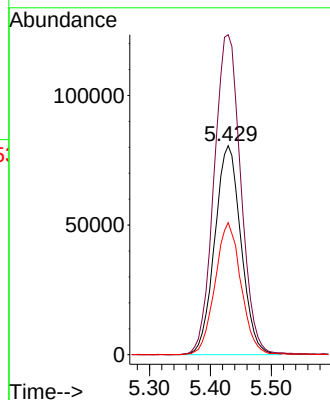
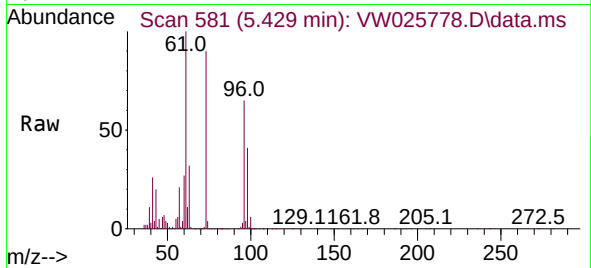




#17
trans-1,2-Dichloroethene
Concen: 25.064 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

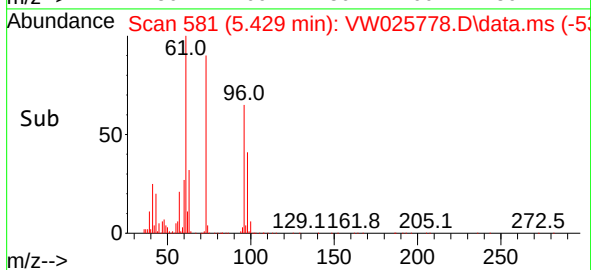
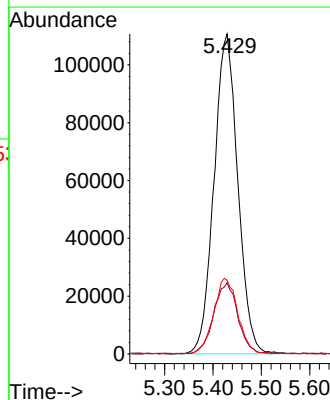
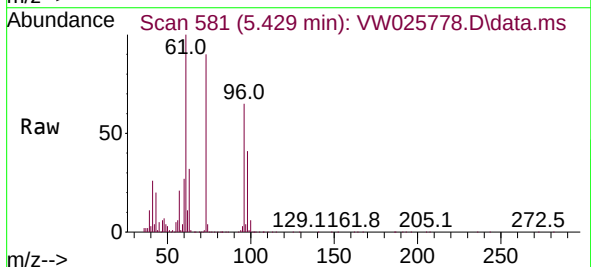
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

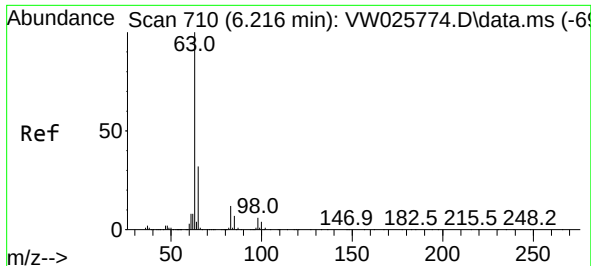
Tgt Ion: 96 Resp: 241973
Ion Ratio Lower Upper
96 100
61 153.2 108.1 200.9
98 63.2 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 25.793 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

Tgt Ion: 73 Resp: 377939
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: 25.054 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

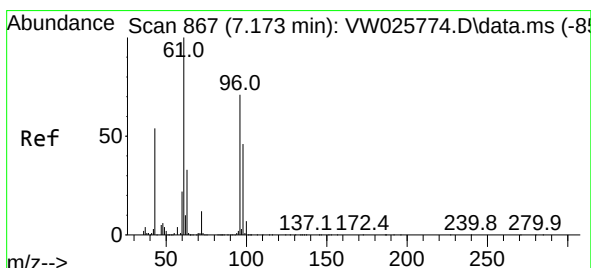
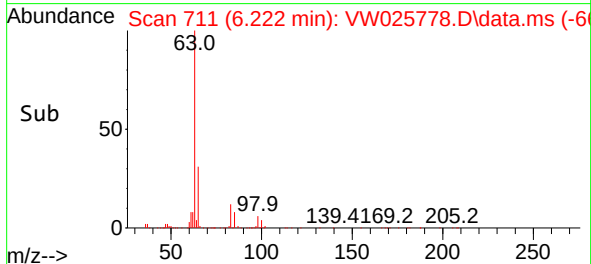
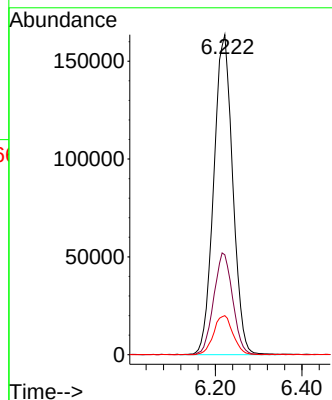
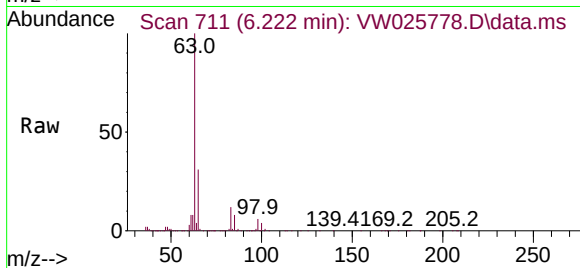
Tgt Ion: 63 Resp: 496950

Ion Ratio Lower Upper

63 100

65 31.2 22.4 41.6

83 12.2 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 24.980 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

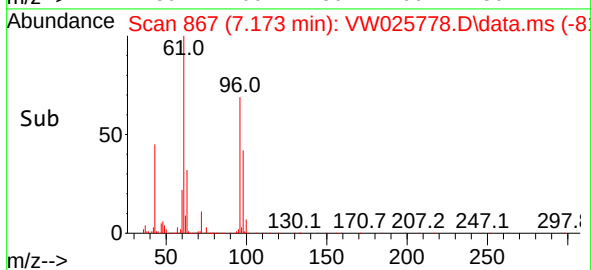
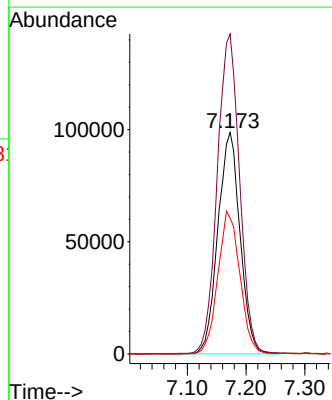
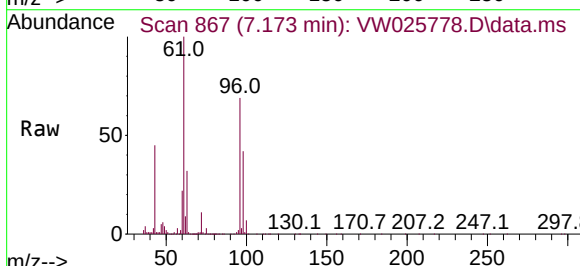
Tgt Ion: 96 Resp: 258732

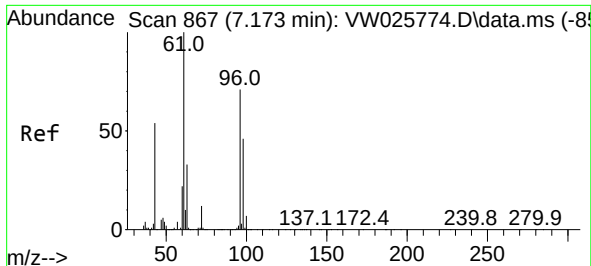
Ion Ratio Lower Upper

96 100

61 144.5 98.6 183.0

98 61.2 45.2 84.0

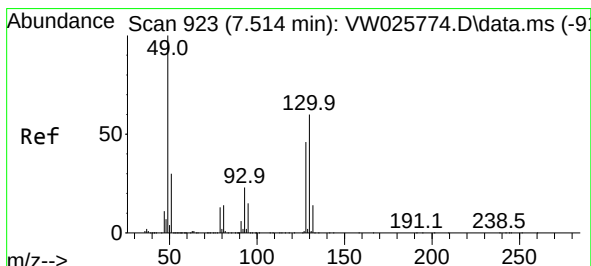
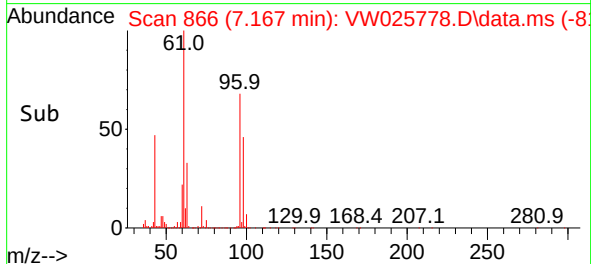
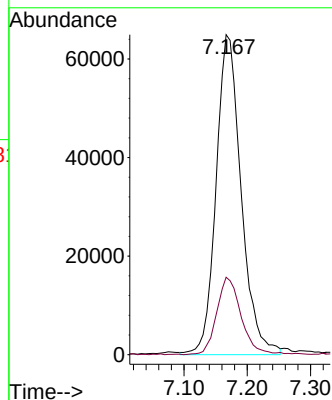
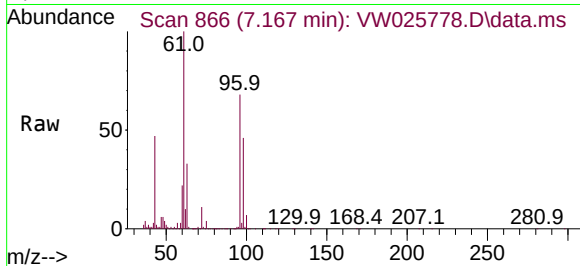




#22
2-Butanone
Concen: 47.049 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

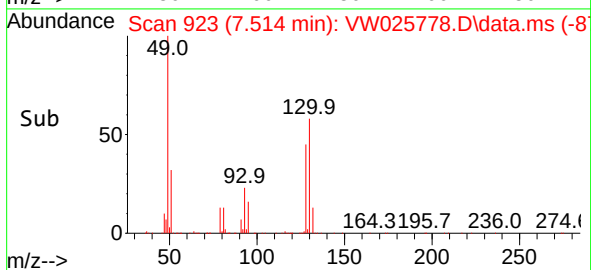
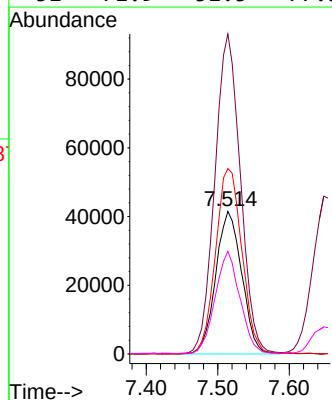
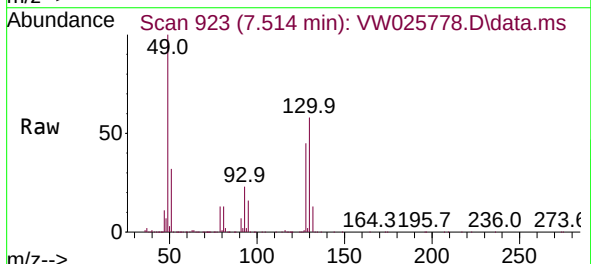
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

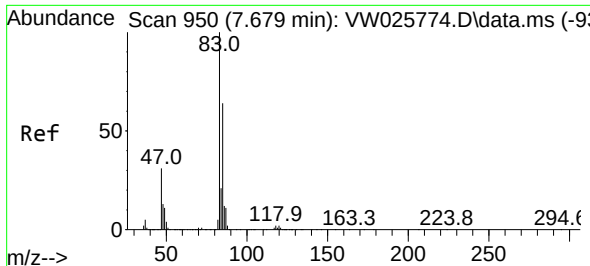
Tgt Ion: 43 Resp: 178567
Ion Ratio Lower Upper
43 100
72 23.4 11.8 35.4



#23
Bromochloromethane
Concen: 23.933 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

Tgt Ion: 128 Resp: 105013
Ion Ratio Lower Upper
128 100
49 224.4 151.5 281.5
130 130.1 91.3 169.6
51 71.9 51.5 77.3

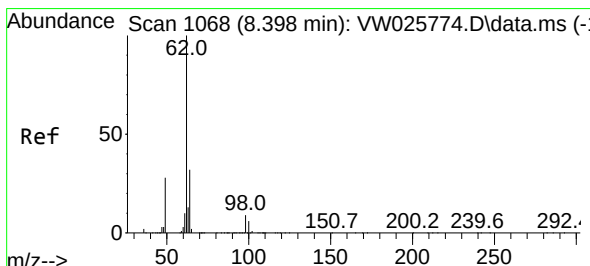
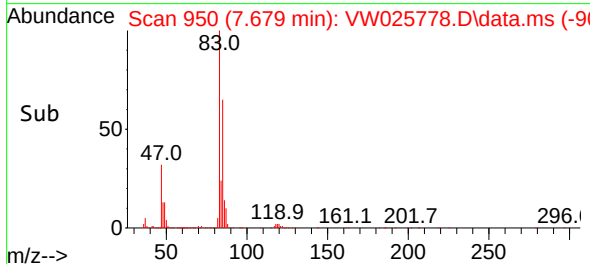
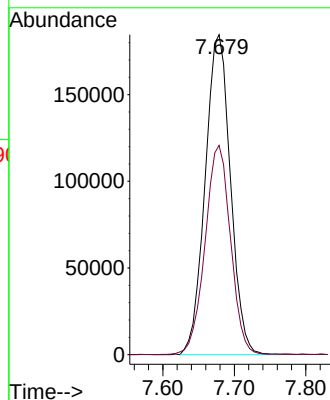
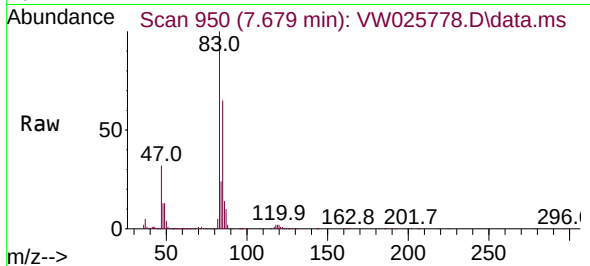




#25
Chloroform
Concen: 24.883 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

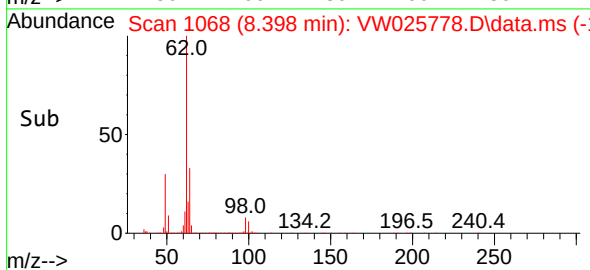
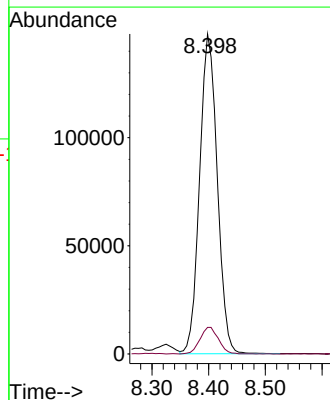
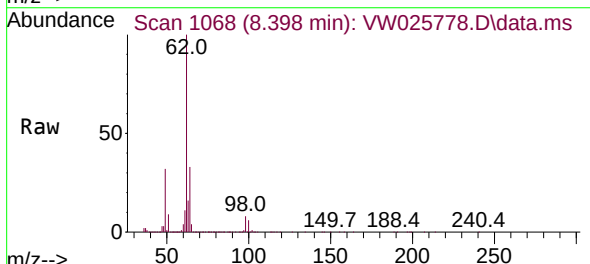
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

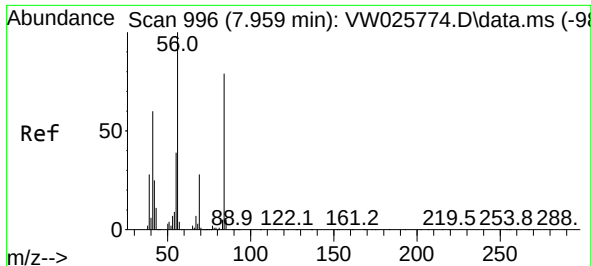
Tgt Ion: 83 Resp: 453616
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.9



#27
1,2-Dichloroethane
Concen: 24.704 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

Tgt Ion: 62 Resp: 319838
Ion Ratio Lower Upper
62 100
98 8.3 7.2 10.8

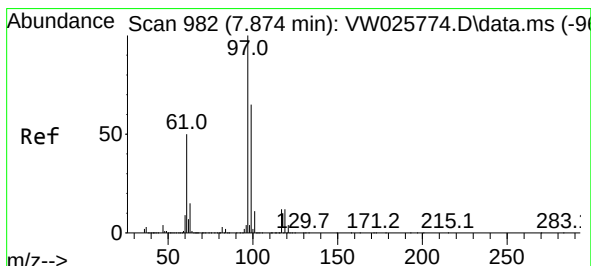
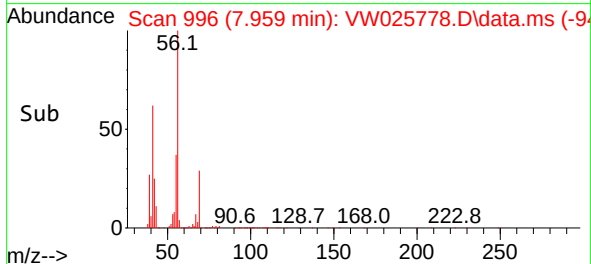
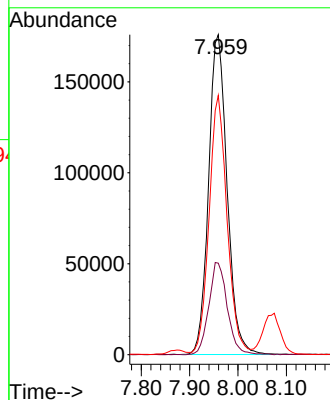
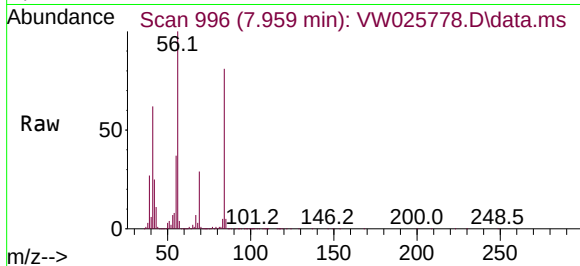




#29
Cyclohexane
Concen: 25.315 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

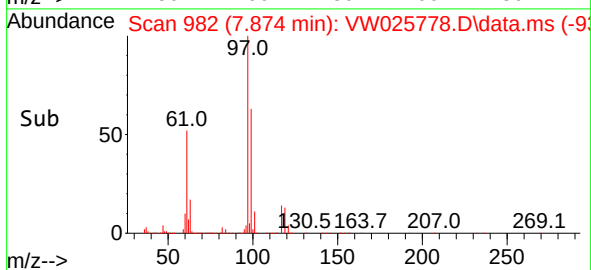
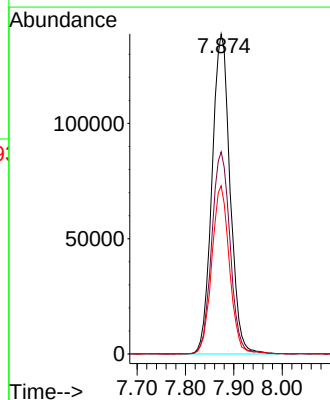
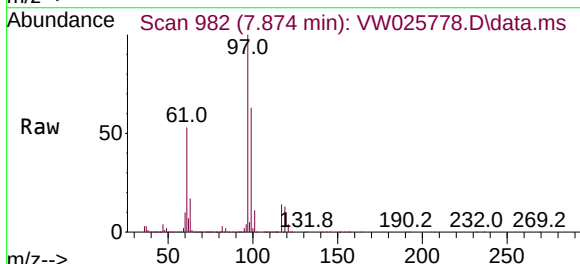
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

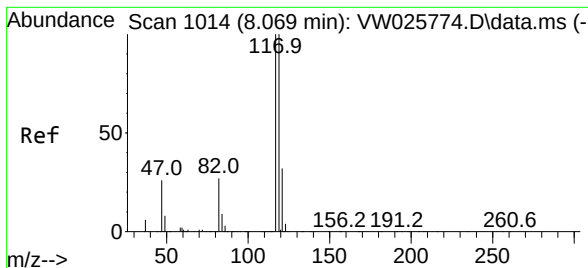
Tgt Ion: 56 Resp: 468862
Ion Ratio Lower Upper
56 100
69 28.6 23.4 35.0
84 78.6 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 24.651 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

Tgt Ion: 97 Resp: 360317
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 51.0 40.4 60.6

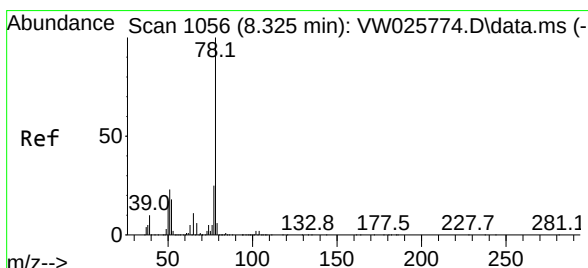
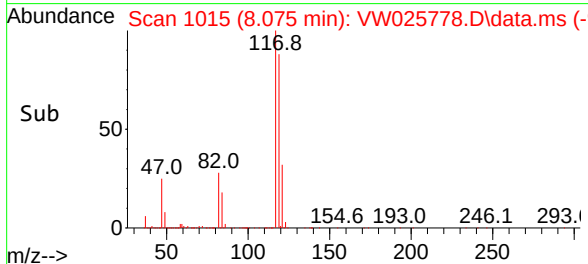
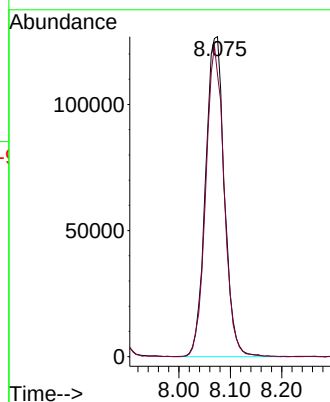
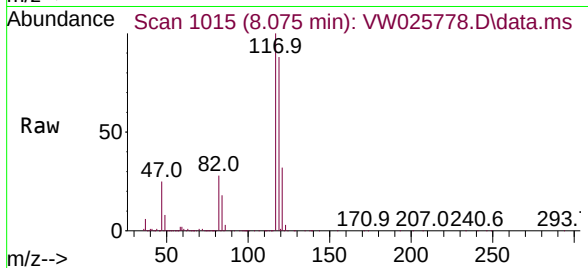




#31
Carbon tetrachloride
Concen: 24.581 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

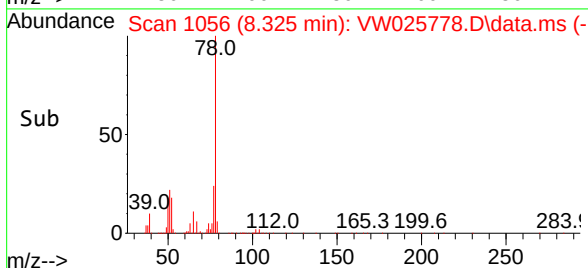
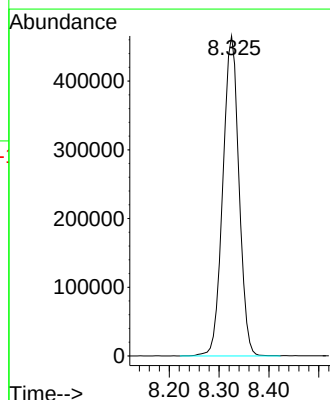
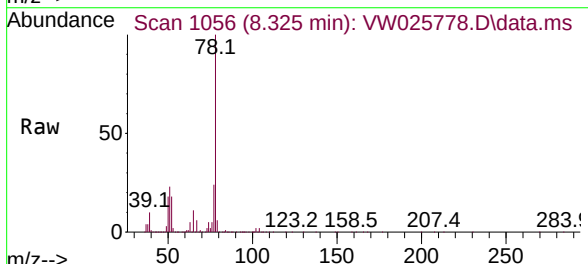
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

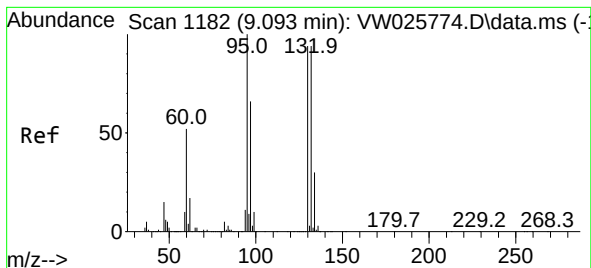
Tgt Ion:117 Resp: 323343
Ion Ratio Lower Upper
117 100
119 94.5 76.9 115.3



#33
Benzene
Concen: 25.283 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

Tgt Ion: 78 Resp: 1045441





#34

Trichloroethene

Concen: 24.837 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

Tgt Ion: 95 Resp: 263533

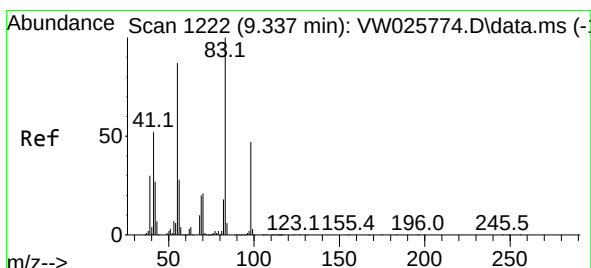
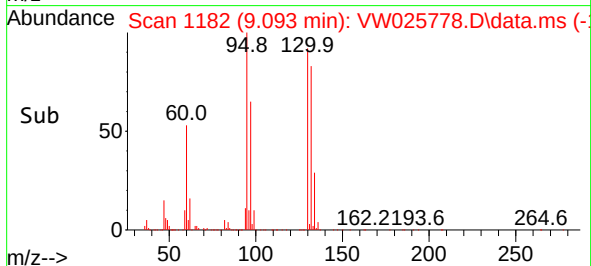
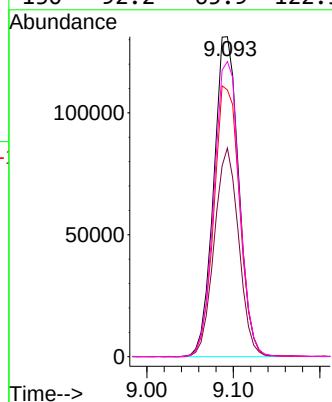
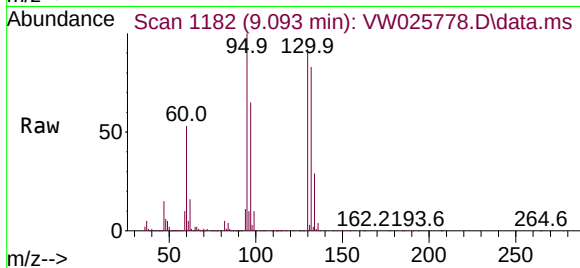
Ion Ratio Lower Upper

95 100

97 65.2 45.9 85.3

132 83.3 66.0 122.6

130 92.2 65.9 122.3



#35

Methylcyclohexane

Concen: 24.675 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

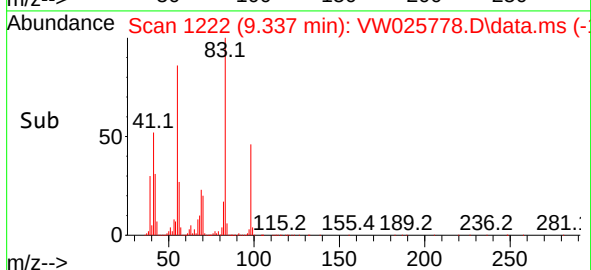
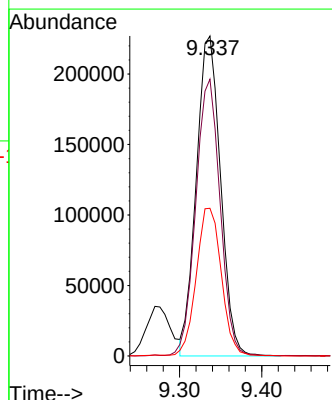
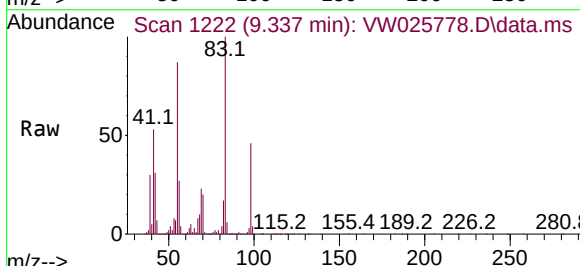
Tgt Ion: 83 Resp: 465658

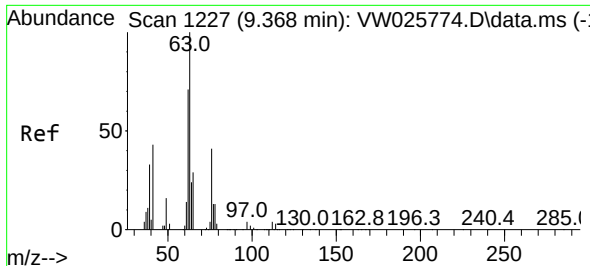
Ion Ratio Lower Upper

83 100

55 86.7 69.0 103.4

98 47.7 37.1 55.7





#37

1,2-Dichloropropane

Concen: 24.891 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

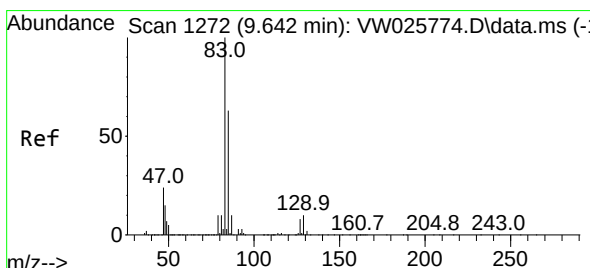
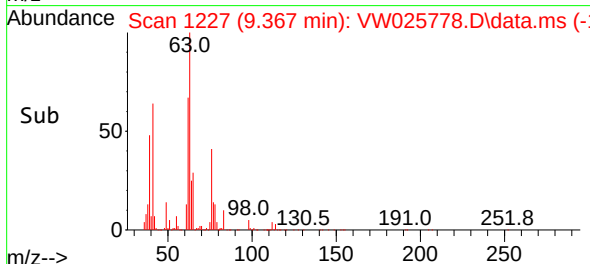
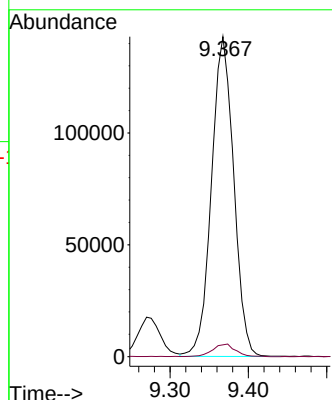
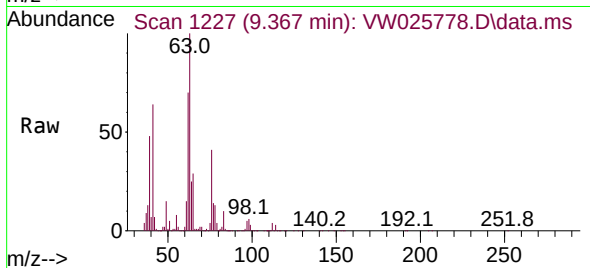
VSTD025588

Tgt Ion: 63 Resp: 281989

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 24.749 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

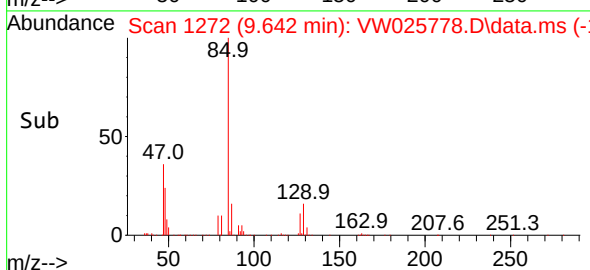
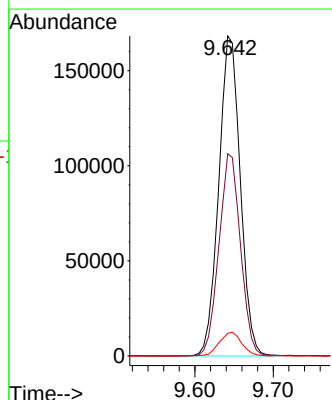
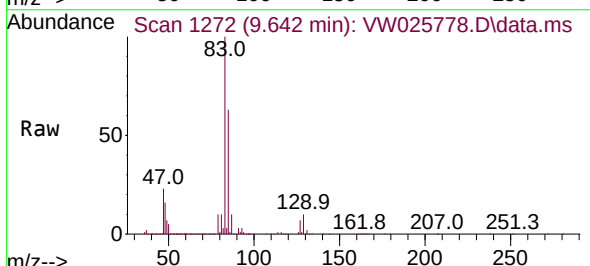
Tgt Ion: 83 Resp: 321668

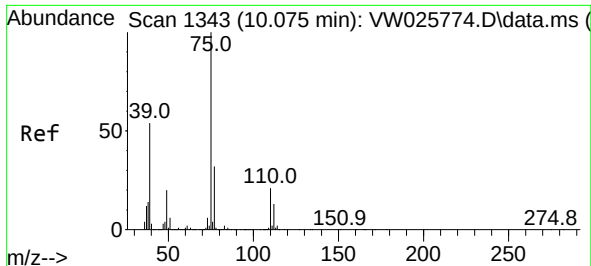
Ion Ratio Lower Upper

83 100

85 63.2 44.4 82.5

127 7.1 6.5 9.7

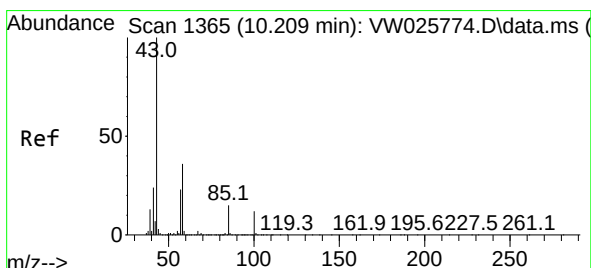
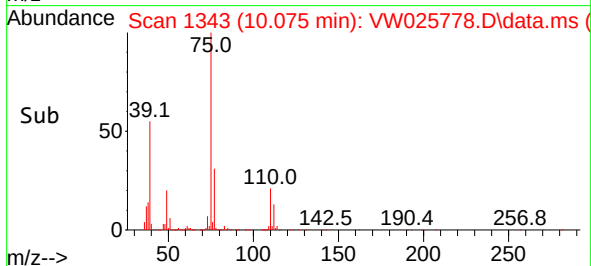
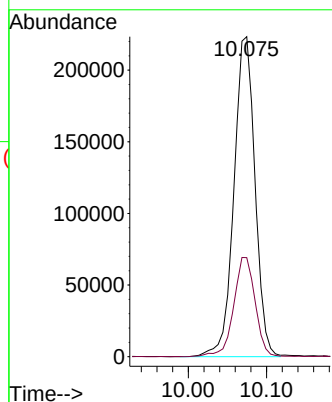
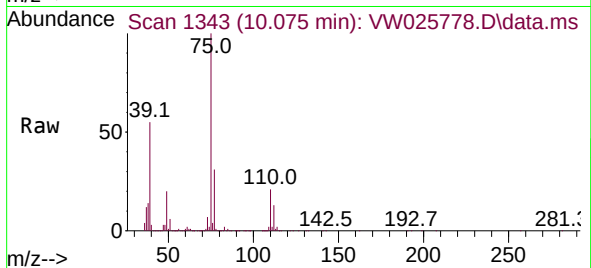




#39
 cis-1,3-Dichloropropene
 Concen: 25.102 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW025778.D
 Acq: 01 May 2023 14:53

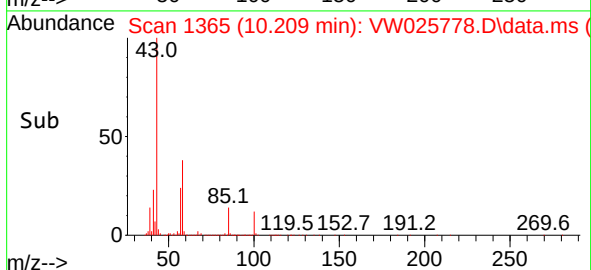
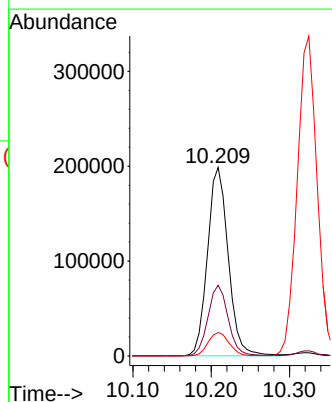
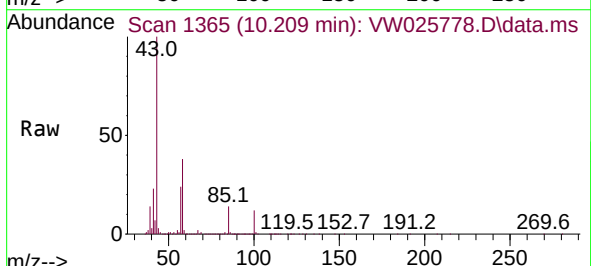
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025588

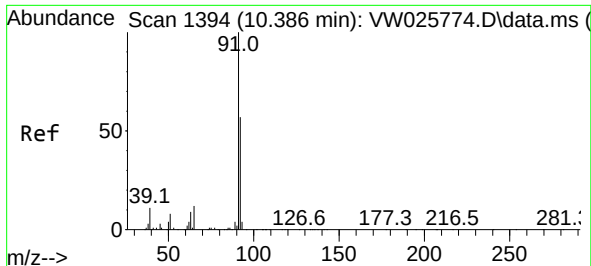
Tgt Ion: 75 Resp: 417042
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 49.457 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW025778.D
 Acq: 01 May 2023 14:53

Tgt Ion: 43 Resp: 364697
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.4 44.0
 100 12.7 10.1 15.1

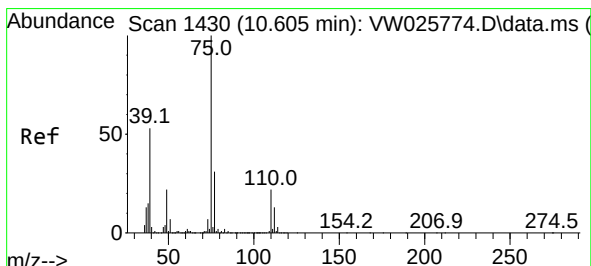
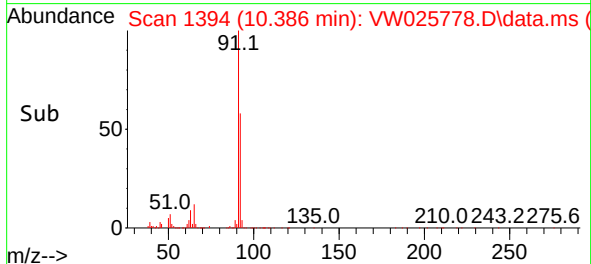
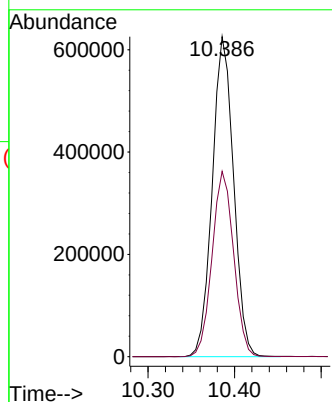
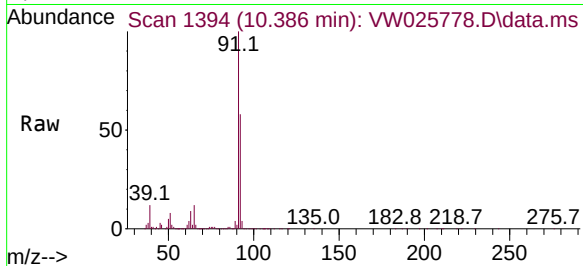




#42
Toluene
Concen: 25.295 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

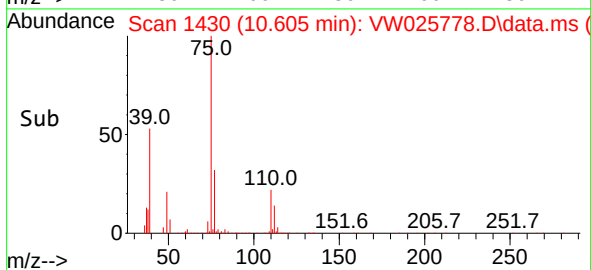
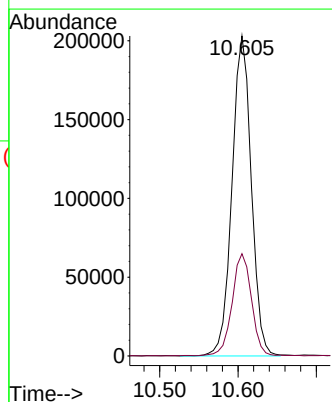
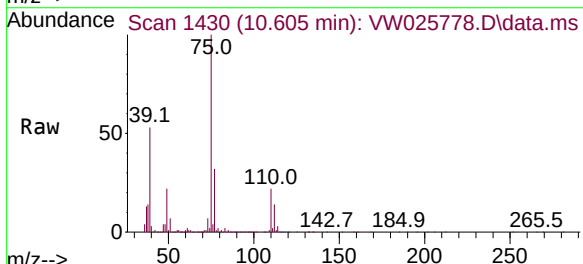
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

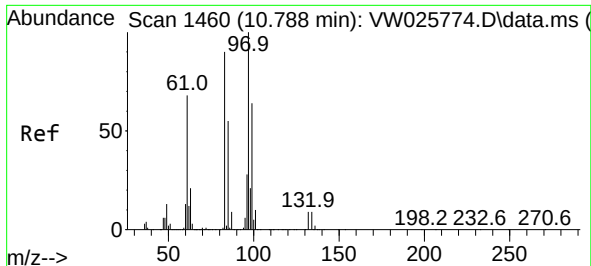
Tgt Ion: 91 Resp: 1068729
Ion Ratio Lower Upper
91 100
92 57.9 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 25.230 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

Tgt Ion: 75 Resp: 347317
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.4



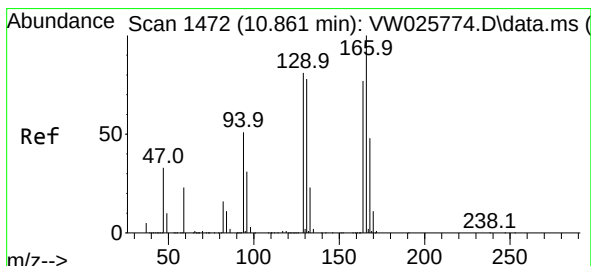
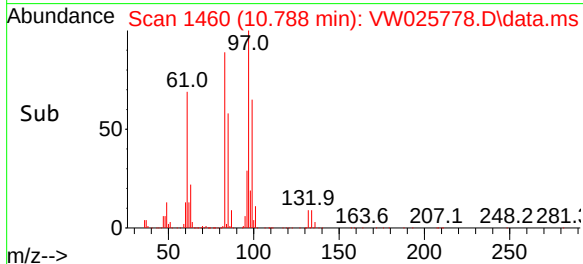
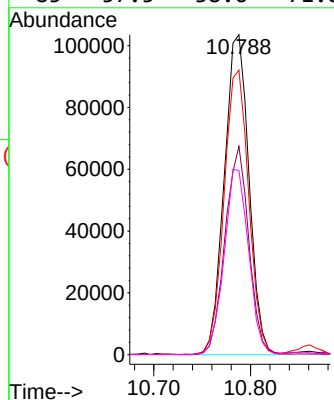
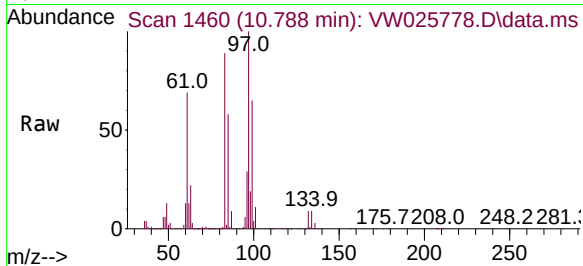


#45
1,1,2-Trichloroethane
Concen: 24.256 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

Tgt Ion: 97 Resp: 183815

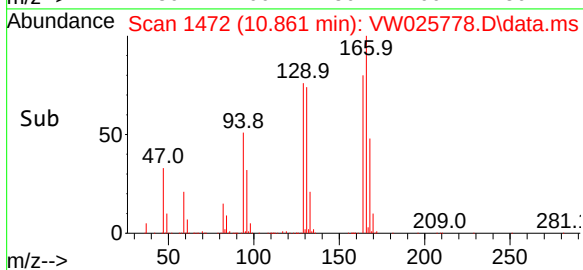
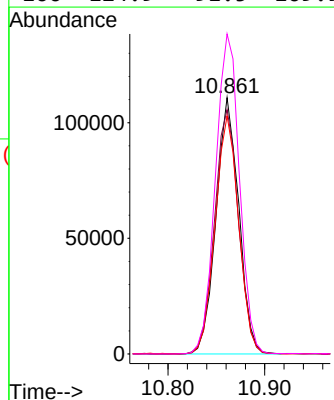
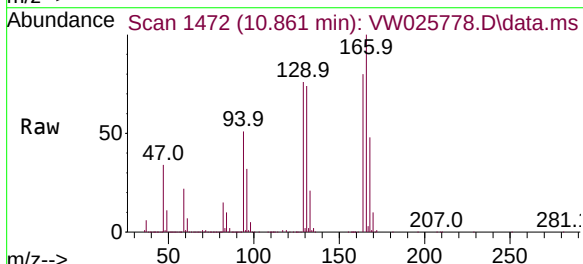
Ion	Ratio	Lower	Upper
97	100		
99	65.1	44.5	82.7
83	88.9	63.0	117.0
85	57.5	38.6	71.8

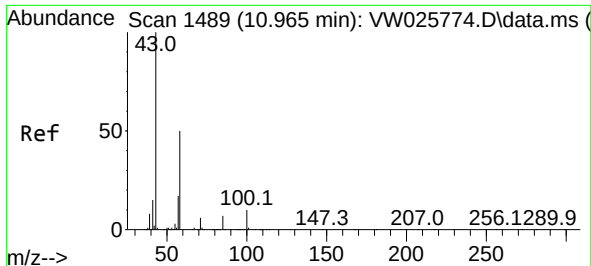


#46
Tetrachloroethene
Concen: 24.255 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

Tgt Ion: 164 Resp: 181061

Ion	Ratio	Lower	Upper
164	100		
129	95.3	74.3	138.1
131	92.9	71.3	132.3
166	124.9	91.5	169.9

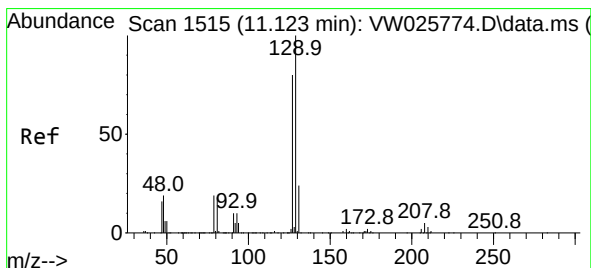
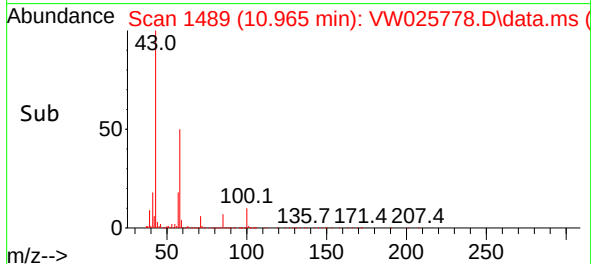
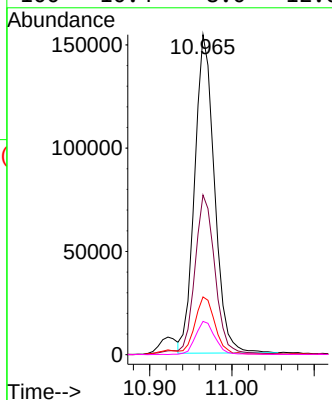
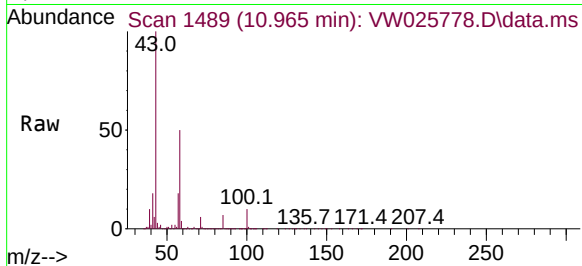




#48
2-Hexanone
Concen: 48.918 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

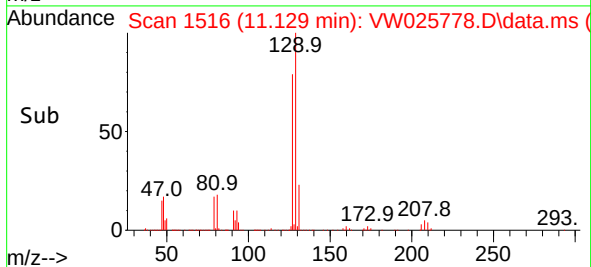
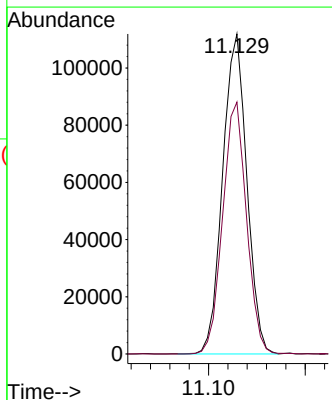
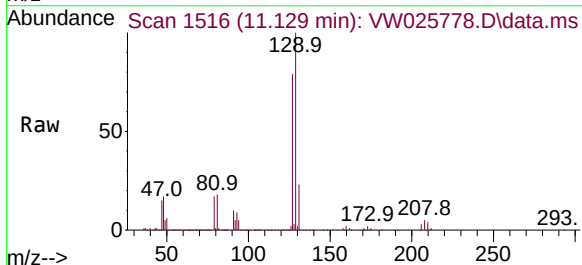
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

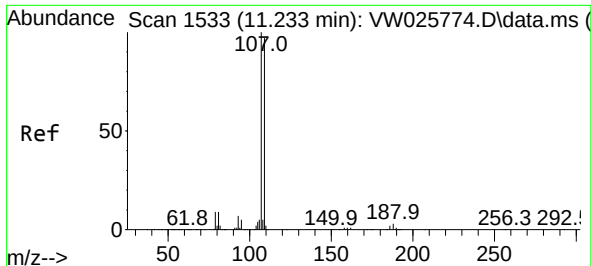
Tgt Ion: 43 Resp: 258419
Ion Ratio Lower Upper
43 100
58 50.9 40.8 61.2
57 17.3 13.6 20.4
100 10.4 8.0 12.0



#49
Dibromochloromethane
Concen: 24.699 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

Tgt Ion: 129 Resp: 193781
Ion Ratio Lower Upper
129 100
127 78.7 56.1 104.3





#50

1,2-Dibromoethane

Concen: 24.218 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

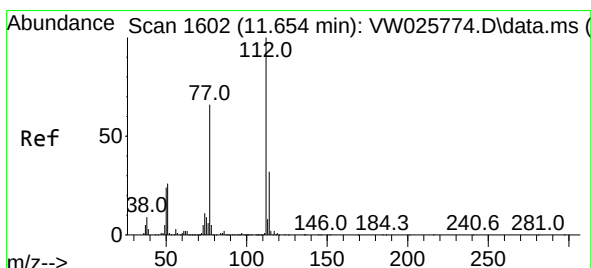
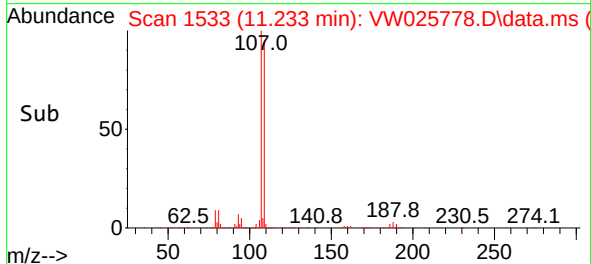
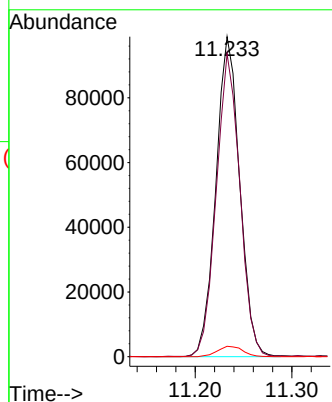
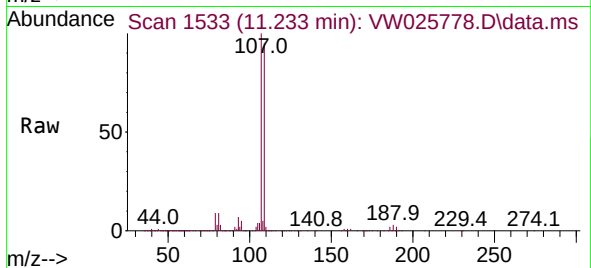
Tgt Ion:107 Resp: 169190

Ion Ratio Lower Upper

107 100

109 94.7 67.5 125.4

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 24.952 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

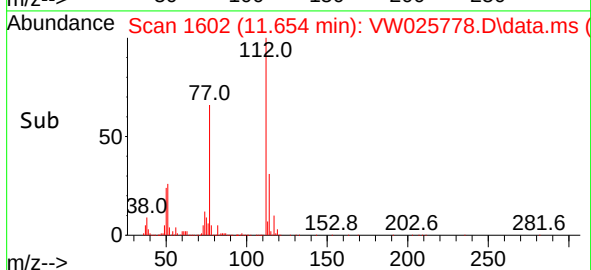
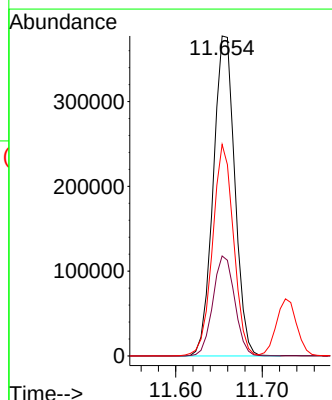
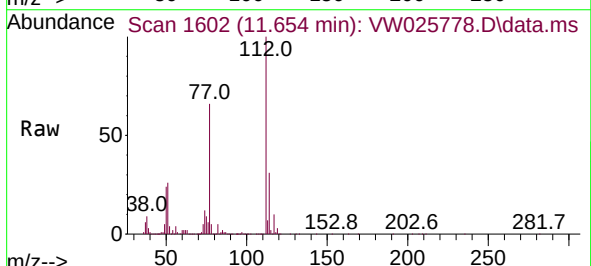
Tgt Ion:112 Resp: 653089

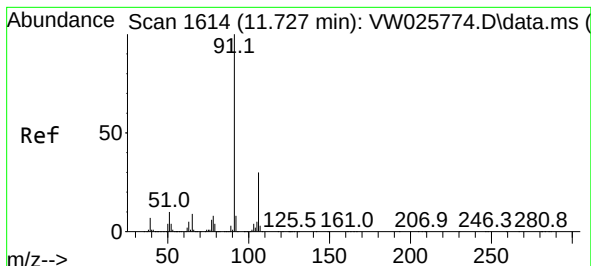
Ion Ratio Lower Upper

112 100

114 31.2 22.7 42.3

77 66.1 53.0 79.6

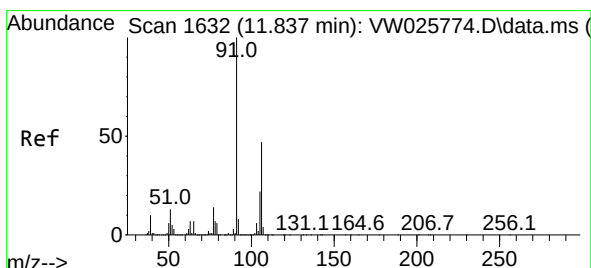
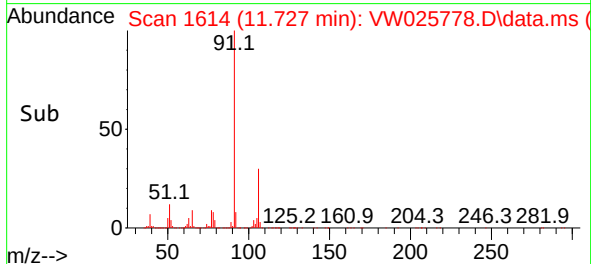
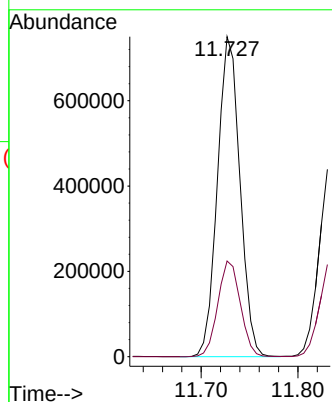
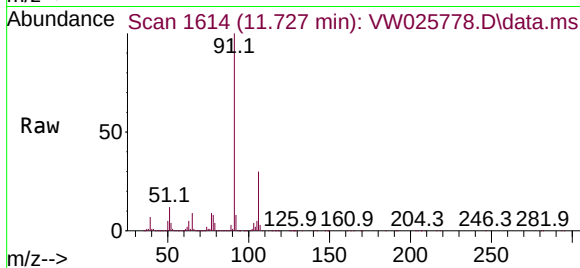




#52
Ethylbenzene
Concen: 25.462 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

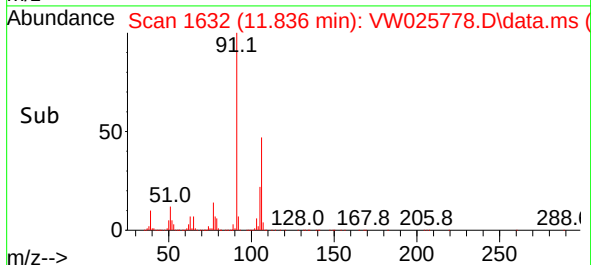
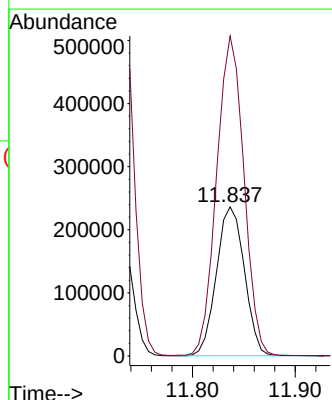
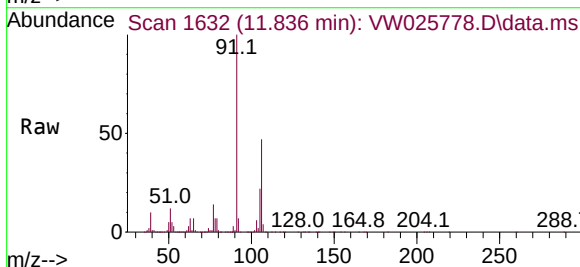
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

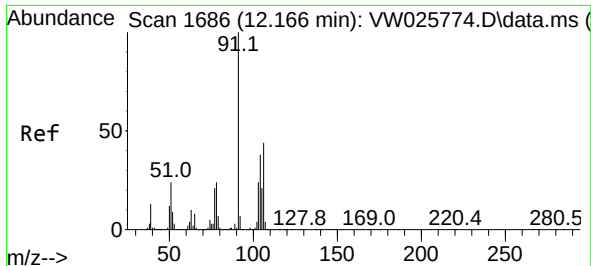
Tgt Ion: 91 Resp: 1210107
Ion Ratio Lower Upper
91 100
106 29.9 20.8 38.6



#53
m,p-Xylene
Concen: 25.489 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

Tgt Ion: 106 Resp: 445863
Ion Ratio Lower Upper
106 100
91 214.5 150.1 278.9

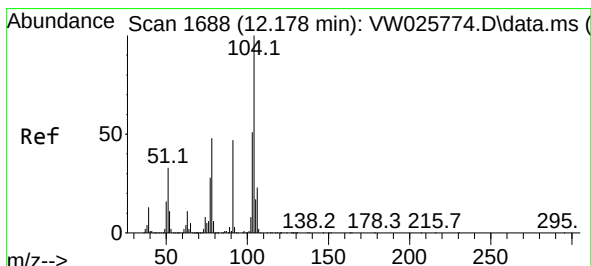
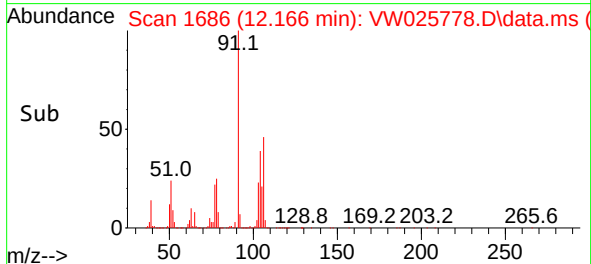
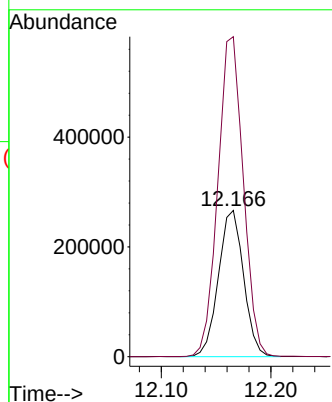
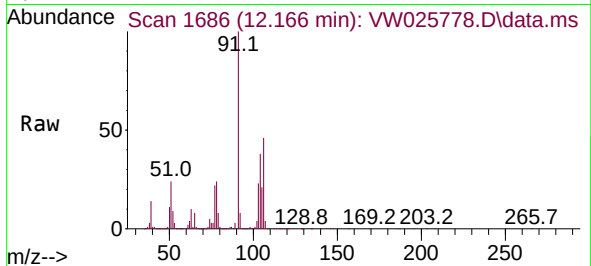




#54
o-Xylene
Concen: 25.764 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

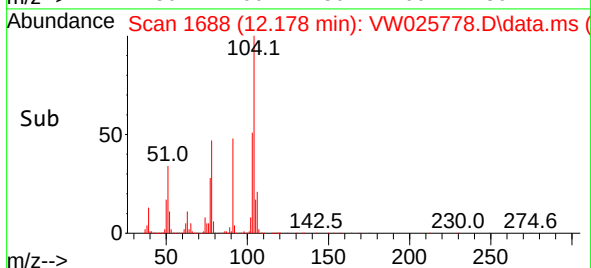
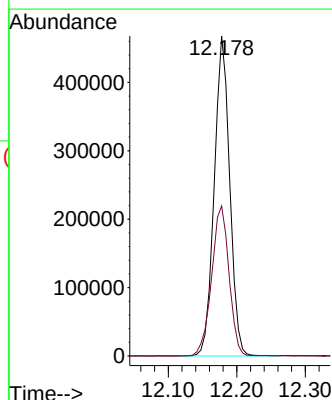
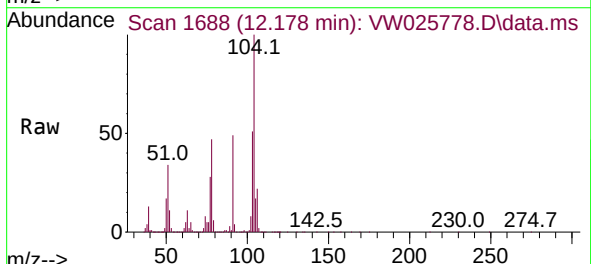
Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

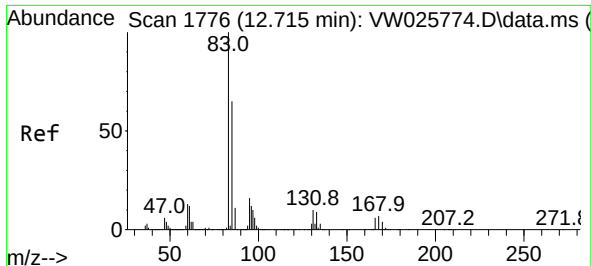
Tgt Ion:106 Resp: 424784
Ion Ratio Lower Upper
106 100
91 218.9 157.8 293.1



#55
Styrene
Concen: 26.004 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025778.D
Acq: 01 May 2023 14:53

Tgt Ion:104 Resp: 733802
Ion Ratio Lower Upper
104 100
78 46.9 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.483 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

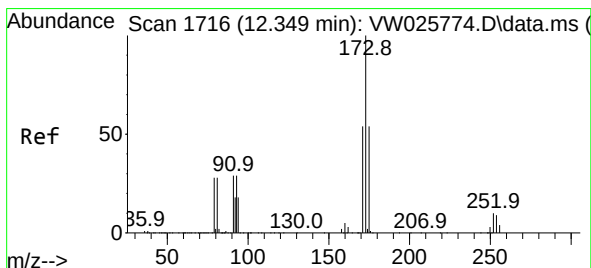
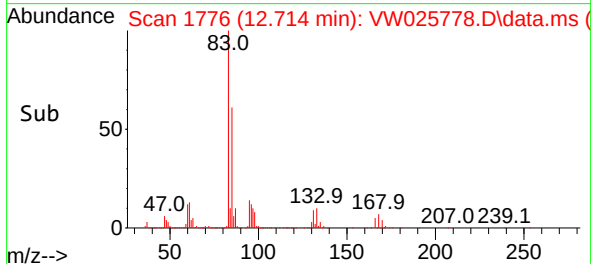
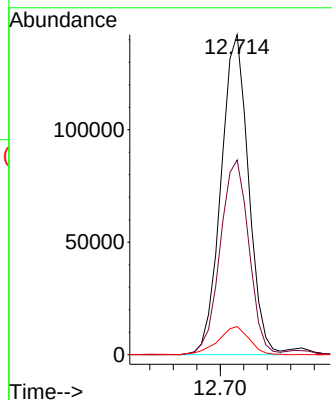
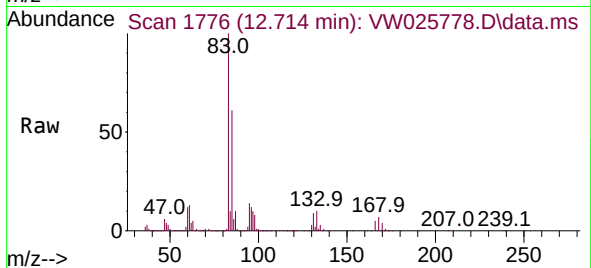
Tgt Ion: 83 Resp: 231505

Ion Ratio Lower Upper

83 100

85 60.9 45.6 84.8

131 8.8 8.1 12.1



#59

Bromoform

Concen: 24.650 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

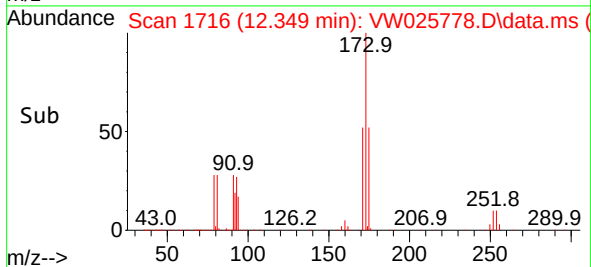
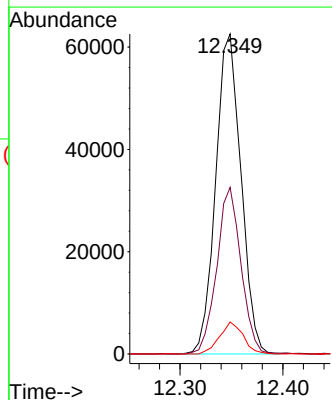
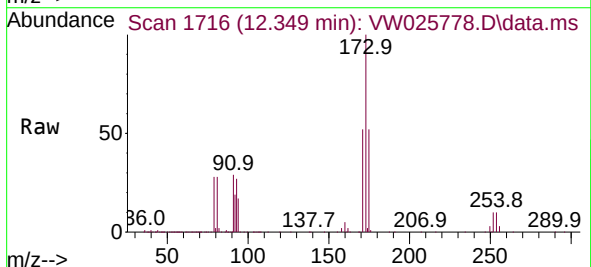
Tgt Ion:173 Resp: 107032

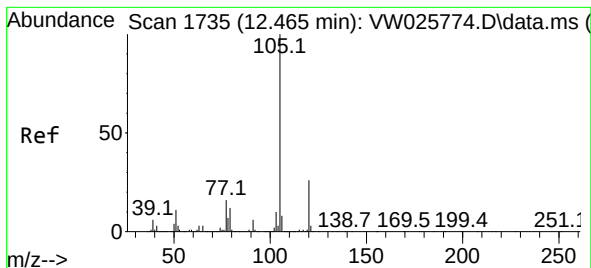
Ion Ratio Lower Upper

173 100

175 49.7 38.6 57.8

254 9.3 7.6 11.4





#60

Isopropylbenzene

Concen: 26.570 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

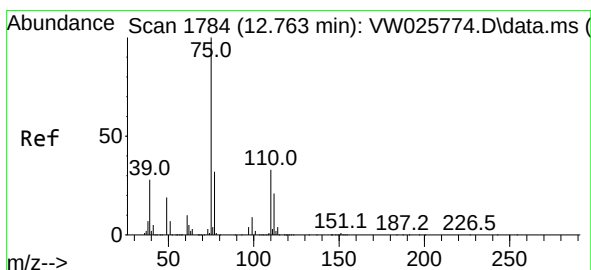
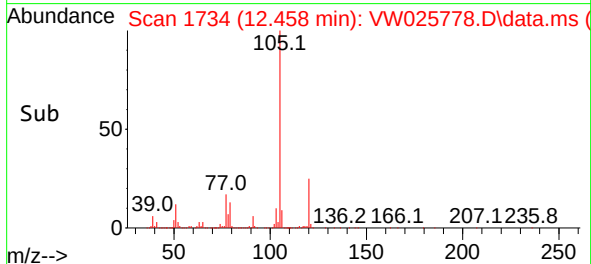
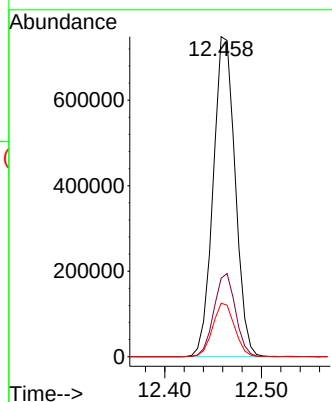
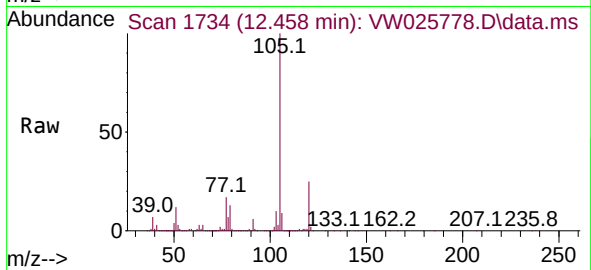
Tgt Ion:105 Resp: 1183925

Ion Ratio Lower Upper

105 100

120 25.5 21.1 31.7

77 16.6 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 24.066 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

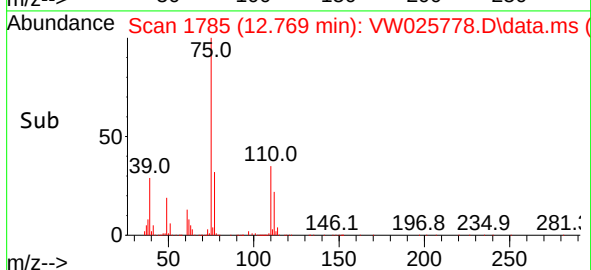
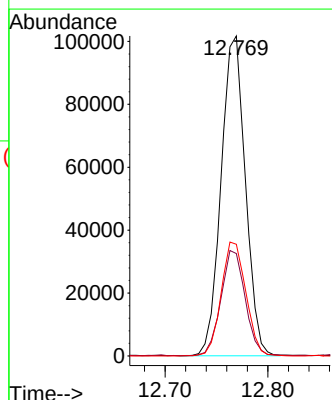
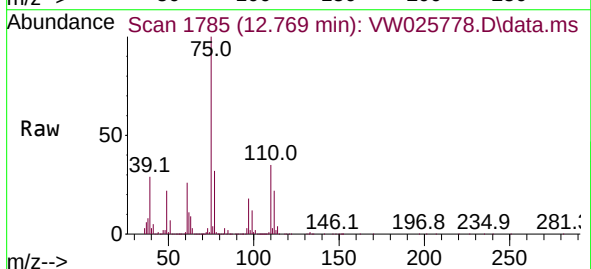
Tgt Ion: 75 Resp: 166733

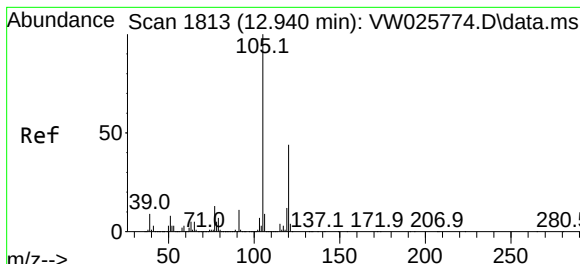
Ion Ratio Lower Upper

75 100

77 32.9 25.2 37.8

110 36.2 27.6 41.4

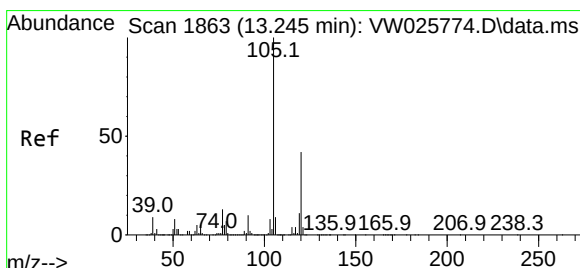
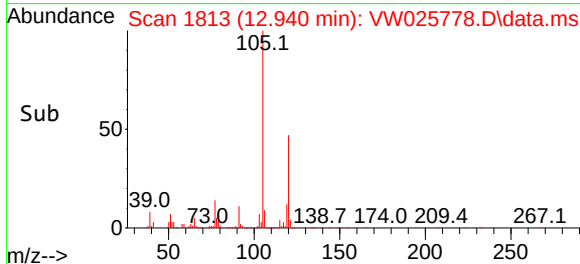
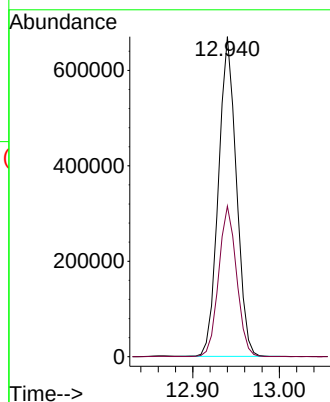
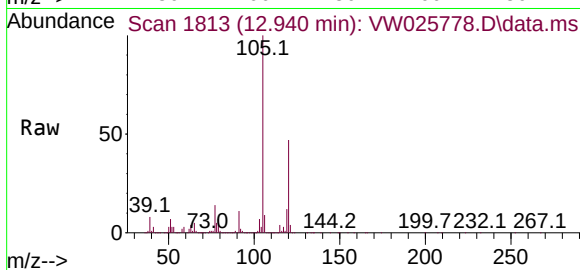




#62
 1,3,5-Trimethylbenzene
 Concen: 27.338 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW025778.D
 Acq: 01 May 2023 14:53

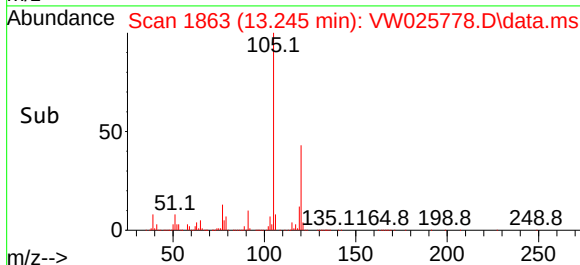
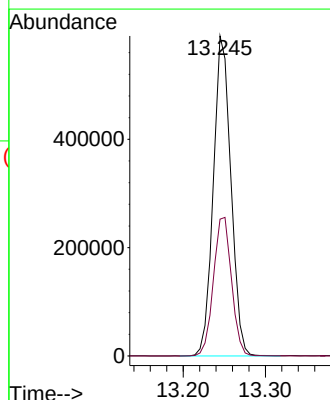
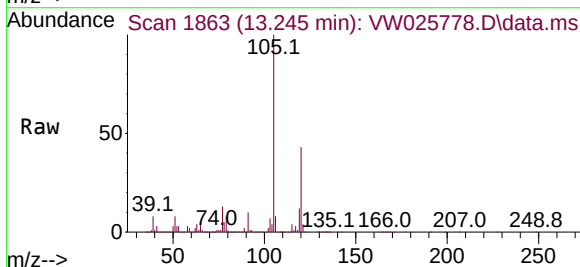
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025588

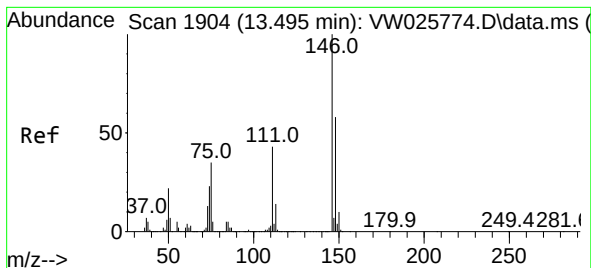
Tgt Ion:105 Resp: 964862
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.1 55.7



#63
 1,2,4-Trimethylbenzene
 Concen: 26.940 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW025778.D
 Acq: 01 May 2023 14:53

Tgt Ion:105 Resp: 877395
 Ion Ratio Lower Upper
 105 100
 120 44.6 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 25.302 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

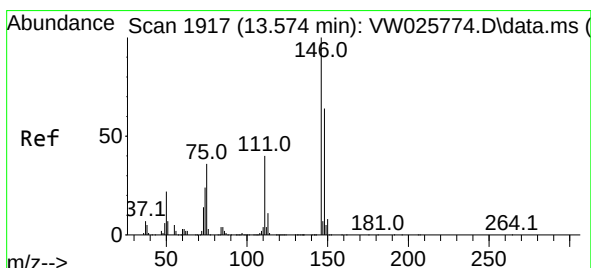
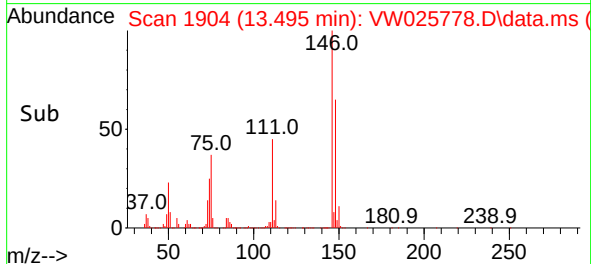
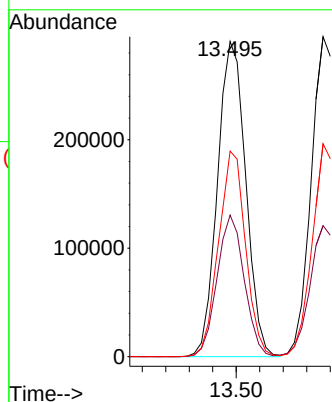
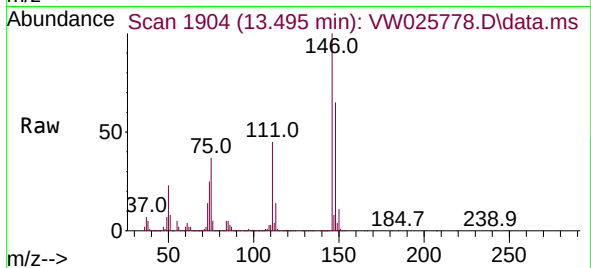
Tgt Ion:146 Resp: 485345

Ion Ratio Lower Upper

146 100

111 44.9 30.4 56.4

148 65.2 40.8 75.8



#65

1,4-Dichlorobenzene

Concen: 25.096 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

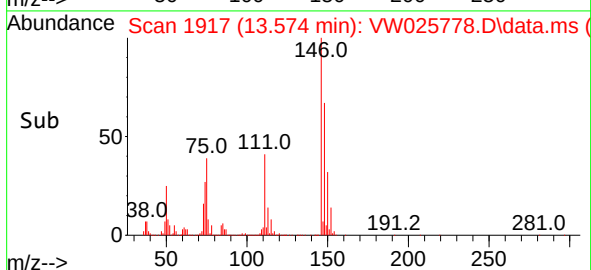
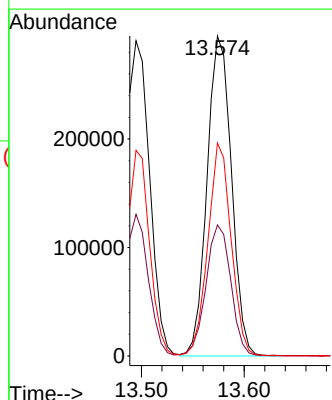
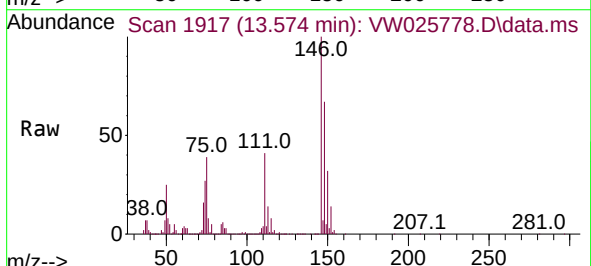
Tgt Ion:146 Resp: 486350

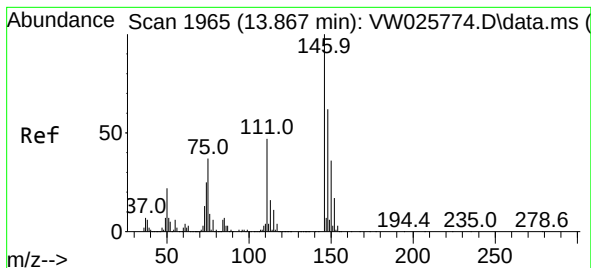
Ion Ratio Lower Upper

146 100

111 41.0 27.9 51.9

148 66.6 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 24.875 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

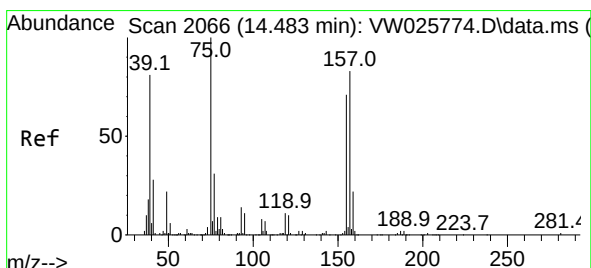
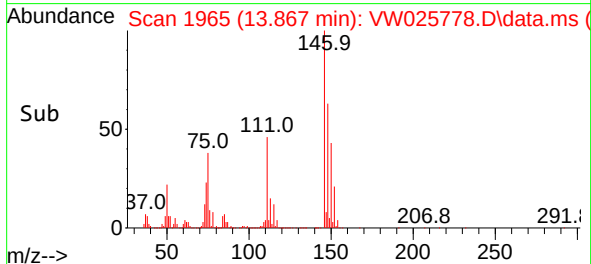
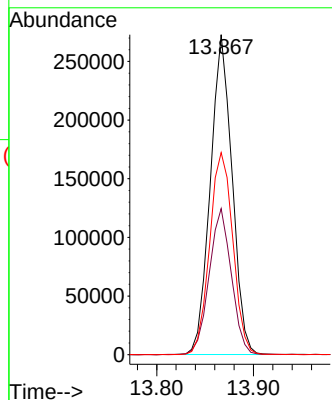
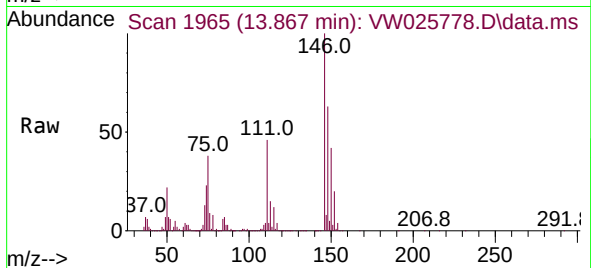
Tgt Ion:146 Resp: 425538

Ion Ratio Lower Upper

146 100

111 45.6 37.7 56.5

148 63.1 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.341 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

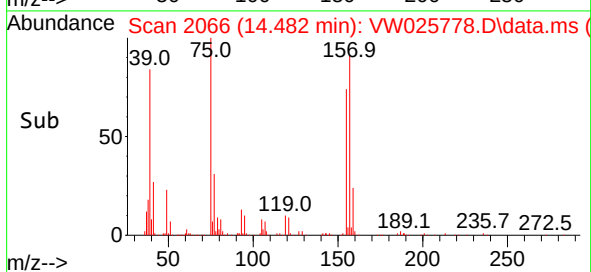
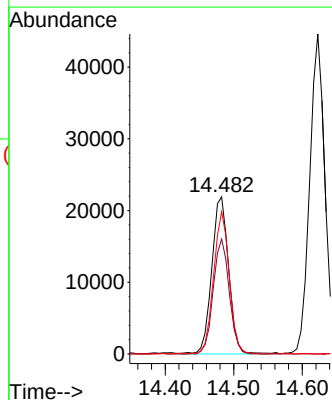
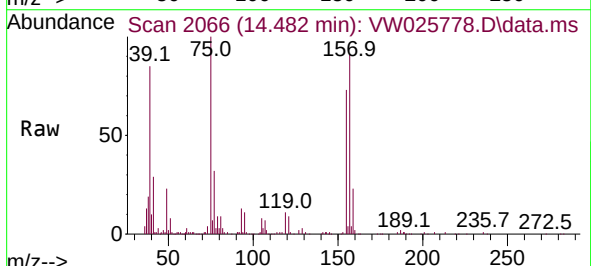
Tgt Ion: 75 Resp: 37498

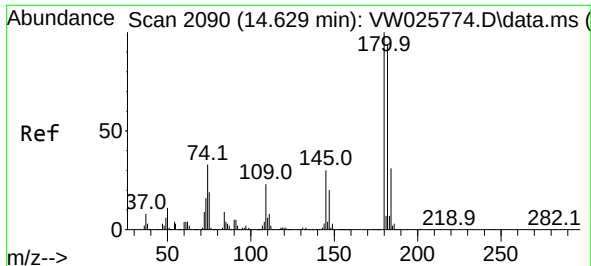
Ion Ratio Lower Upper

75 100

155 73.1 56.3 84.5

157 90.5 66.3 99.5





#69

1,3,5-Trichlorobenzene

Concen: 24.845 ug/L

RT: 14.629 min Scan# 2090

Delta R.T. -0.000 min

Lab File: VW025778.D

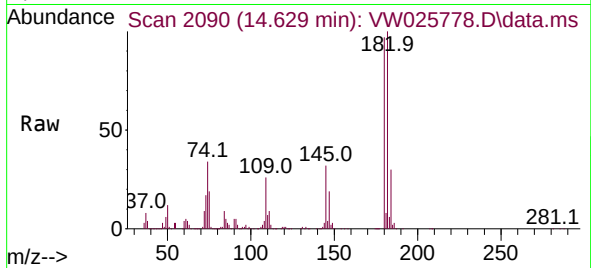
Acq: 01 May 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588



Tgt Ion:180 Resp: 316345

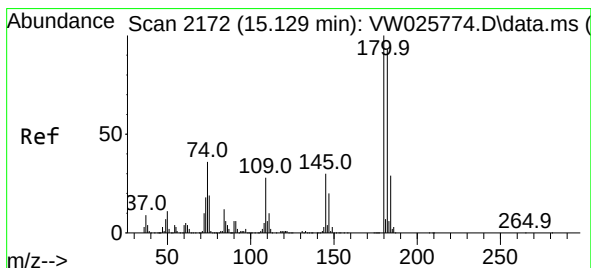
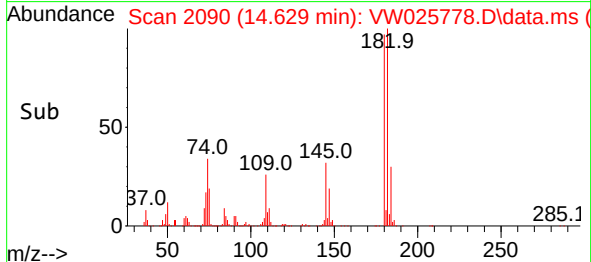
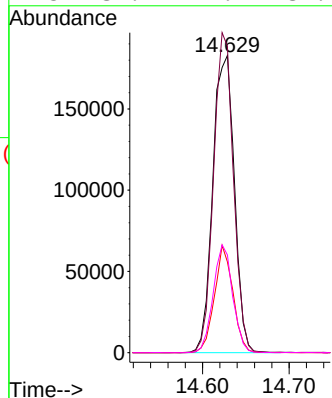
Ion Ratio Lower Upper

180 100

182 99.1 77.4 116.0

184 30.9 24.7 37.1

145 32.9 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 25.619 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

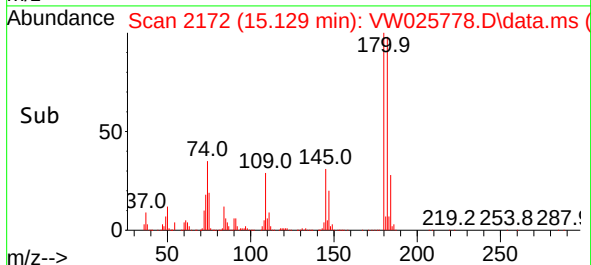
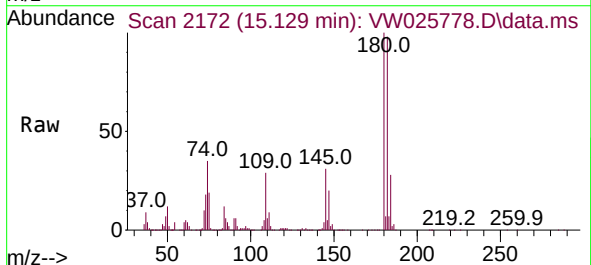
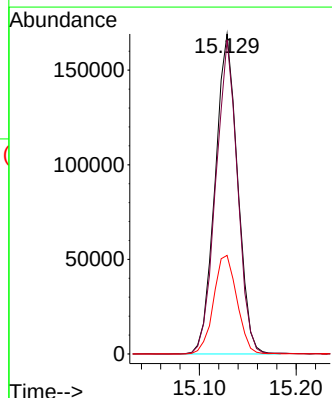
Tgt Ion:180 Resp: 273287

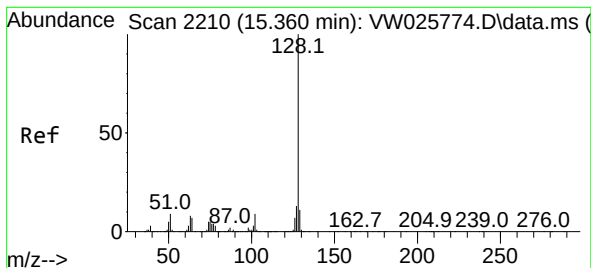
Ion Ratio Lower Upper

180 100

182 94.6 74.3 111.5

145 31.9 25.4 38.0





#71

Naphthalene

Concen: 26.313 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025588

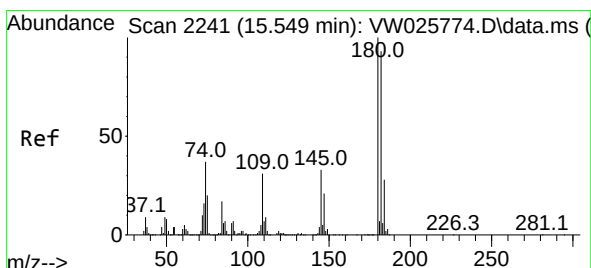
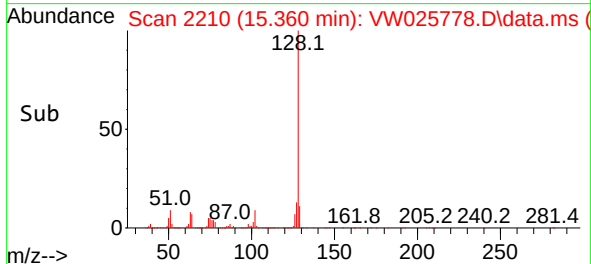
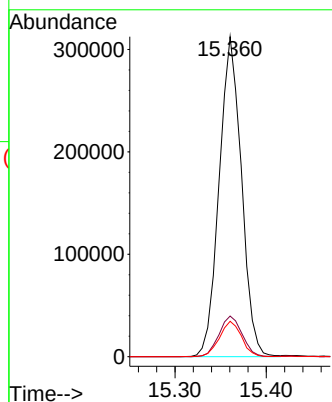
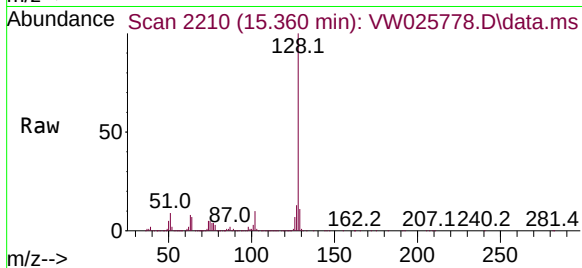
Tgt Ion:128 Resp: 529770

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.987 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025778.D

Acq: 01 May 2023 14:53

Tgt Ion:180 Resp: 245961

Ion Ratio Lower Upper

180 100

182 94.7 76.1 114.1

145 34.3 28.0 42.0

