

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041823\
 Data File : VW025577.D
 Acq On : 18 Apr 2023 16:29
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025570

Quant Time: Apr 19 04:12:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 19 04:10:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	695932	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	641542	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	324289	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	206321	18.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.880%
7) Chloroethane-d5	2.899	69	163957	20.335	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.320%
11) 1,1-Dichloroethene-d2	4.033	63	460837	20.122	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.480%
21) 2-Butanone-d5	7.075	46	142472	56.393	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.780%
24) Chloroform-d	7.648	84	454187	23.244	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.960%
26) 1,2-Dichloroethane-d4	8.307	65	245102	24.111	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.440%
32) Benzene-d6	8.276	84	902128	21.717	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.880%
36) 1,2-Dichloropropane-d6	9.276	67	293696	22.675	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.680%
41) Toluene-d8	10.325	98	806547	22.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.920%
43) trans-1,3-Dichloroprop...	10.575	79	110487	22.752	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.000%
47) 2-Hexanone-d5	10.922	63	101479	57.319	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	225688	25.816	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.280%
66) 1,2-Dichlorobenzene-d4	13.855	152	252016	22.621	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	207889	21.361	ug/L	97
3) Chloromethane	2.222	50	269670	23.884	ug/L	99
5) Vinyl chloride	2.375	62	277906	22.265	ug/L	97
6) Bromomethane	2.789	94	154171	22.962	ug/L	98
8) Chloroethane	2.936	64	163212	23.348	ug/L	99
9) Trichlorofluoromethane	3.265	101	202892	21.100	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	242861	25.168	ug/L	97
12) 1,1-Dichloroethene	4.045	96	227027	23.505	ug/L	98
13) Acetone	4.118	43	120452	56.333	ug/L	99
14) Carbon disulfide	4.393	76	727822	21.358	ug/L	99
15) Methyl Acetate	4.673	43	132836	27.652	ug/L	97
16) Methylene chloride	4.917	84	268639	24.285	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	244508	23.811	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	377406	26.632	ug/L	100
19) 1,1-Dichloroethane	6.216	63	516554	25.178	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	270163	25.286	ug/L	96
22) 2-Butanone	7.173	43	180569	59.404	ug/L	100
23) Bromochloromethane	7.514	128	110402	25.197	ug/L	96
25) Chloroform	7.679	83	478161	25.486	ug/L	100

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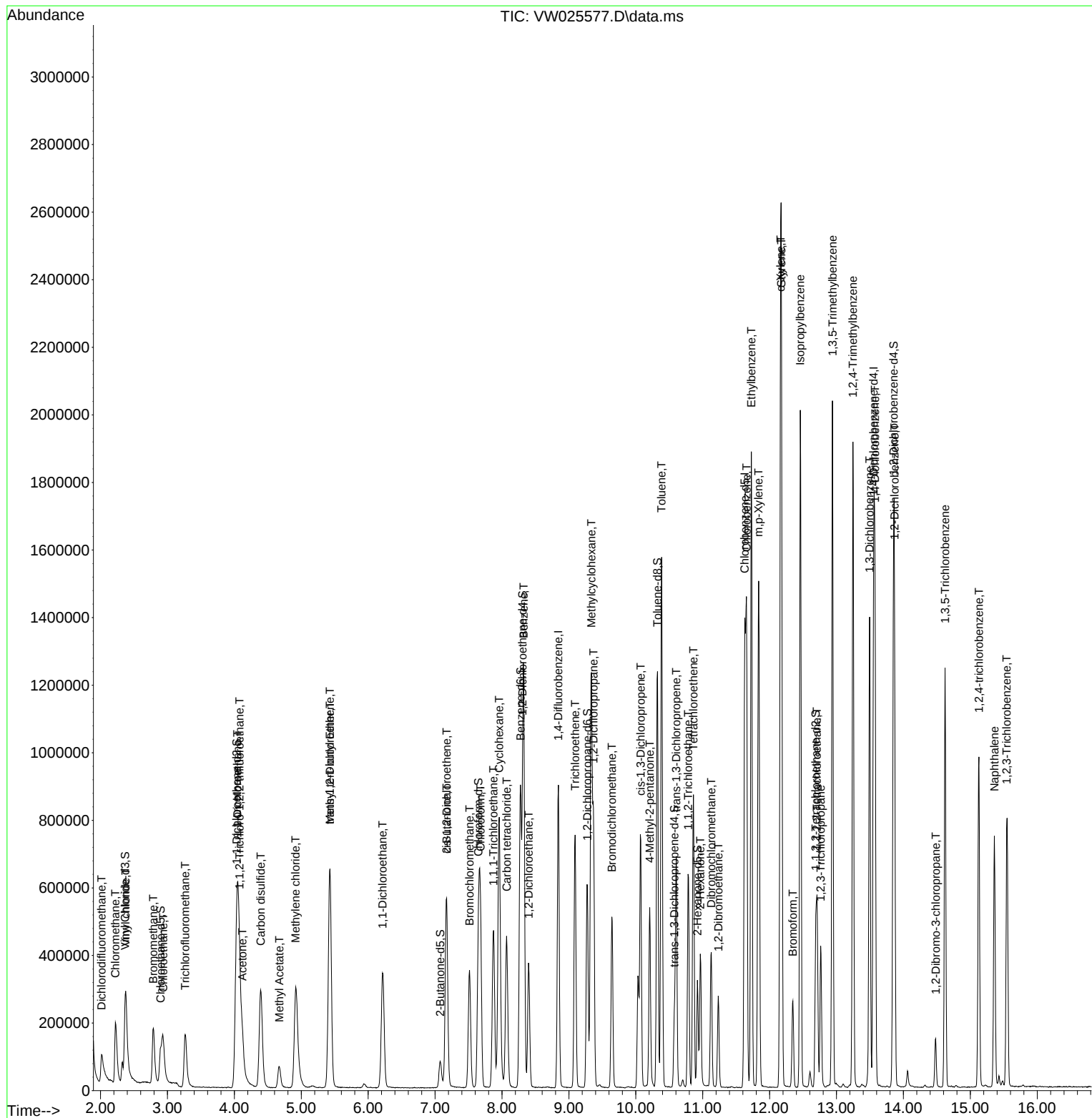
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	330260	26.232	ug/L	99
29) Cyclohexane	7.959	56	472658	22.763	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	373952	23.459	ug/L	100
31) Carbon tetrachloride	8.069	117	337777	23.464	ug/L	100
33) Benzene	8.325	78	1070900	23.982	ug/L	100
34) Trichloroethene	9.093	95	268430	23.111	ug/L	91
35) Methylcyclohexane	9.337	83	475543	22.674	ug/L	100
37) 1,2-Dichloropropane	9.367	63	297495	25.226	ug/L	100
38) Bromodichloromethane	9.642	83	339849	25.187	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	427800	25.289	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	370578	55.516	ug/L	100
42) Toluene	10.386	91	1102765	24.253	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	357941	25.660	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	196045	26.071	ug/L	98
46) Tetrachloroethene	10.861	164	188921	23.127	ug/L	98
48) 2-Hexanone	10.965	43	267734	58.050	ug/L	98
49) Dibromochloromethane	11.129	129	209093	26.410	ug/L	96
50) 1,2-Dibromoethane	11.233	107	177147	25.640	ug/L	98
51) Chlorobenzene	11.654	112	693243	24.742	ug/L	99
52) Ethylbenzene	11.727	91	1251679	24.326	ug/L	99
53) m,p-Xylene	11.837	106	474669	25.155	ug/L	89
54) o-Xylene	12.166	106	446042	25.268	ug/L	95
55) Styrene	12.178	104	766901	25.811	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	242355	26.907	ug/L	99
59) Bromoform	12.349	173	118851	26.746	ug/L	98
60) Isopropylbenzene	12.458	105	1224701	24.109	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	173453	25.807	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1001823	24.983	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	972223	25.178	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	519806	24.693	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	528715	24.593	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	449192	24.340	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.482	75	38773	26.298	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	341619	24.238	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	280380	24.489	ug/L	99
71) Naphthalene	15.360	128	585425	27.403	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	252165	25.191	ug/L	95

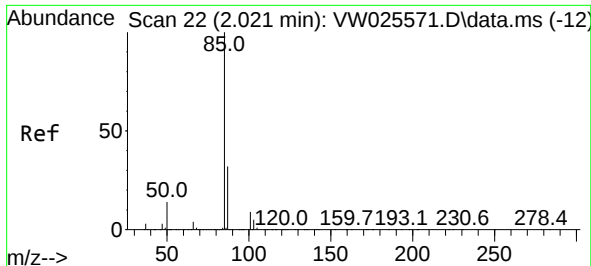
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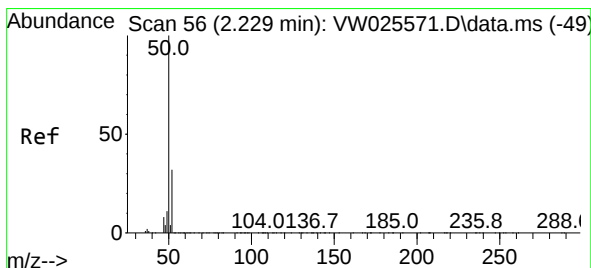
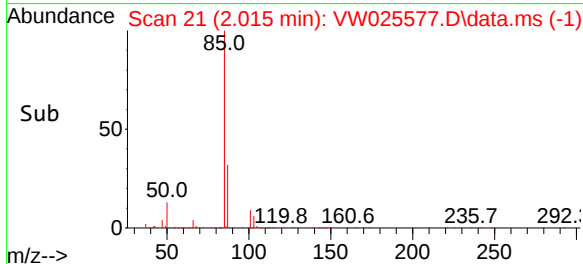
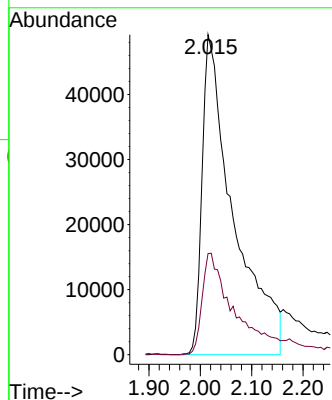
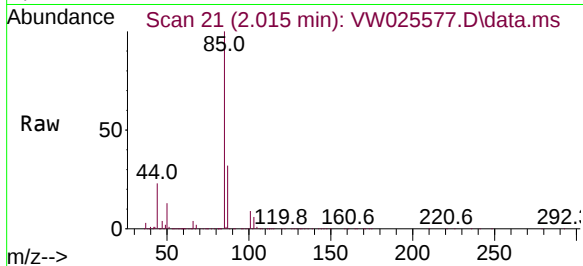




#2
Dichlorodifluoromethane
Concen: 21.361 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

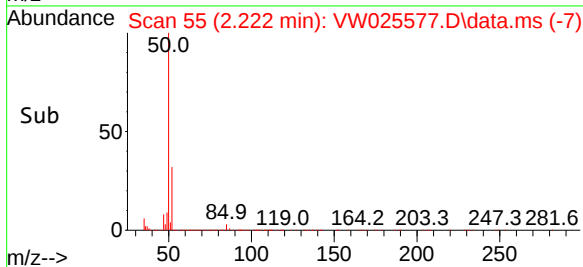
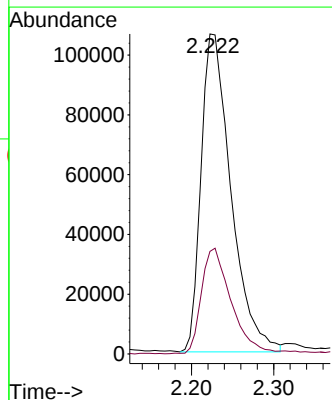
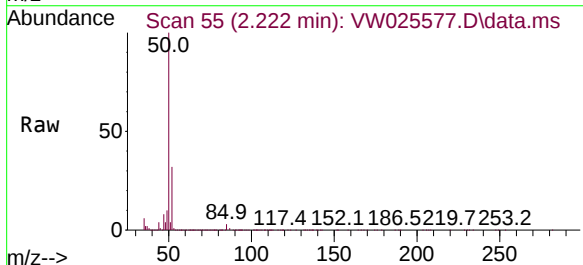
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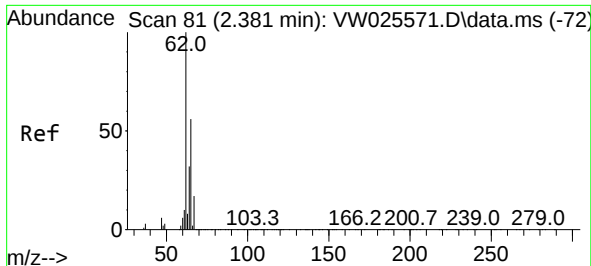
Tgt Ion: 85 Resp: 207889
Ion Ratio Lower Upper
85 100
87 32.5 24.6 37.0



#3
Chloromethane
Concen: 23.884 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Tgt Ion: 50 Resp: 269670
Ion Ratio Lower Upper
50 100
52 32.0 22.2 41.2

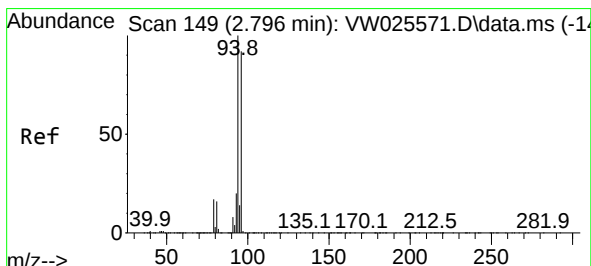
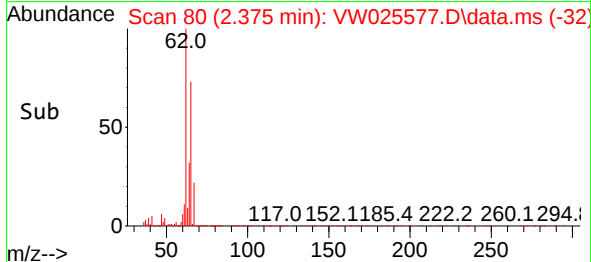
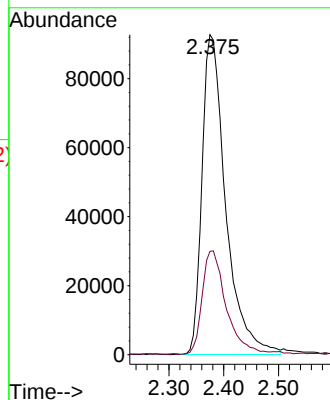
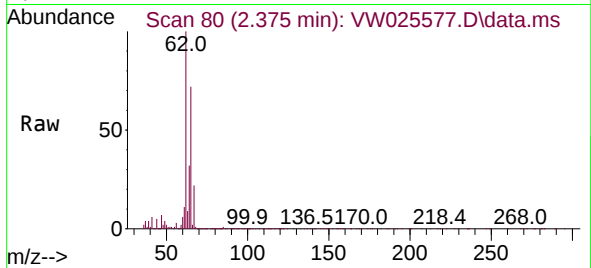




#5
 Vinyl chloride
 Concen: 22.265 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW025577.D
 Acq: 18 Apr 2023 16:29

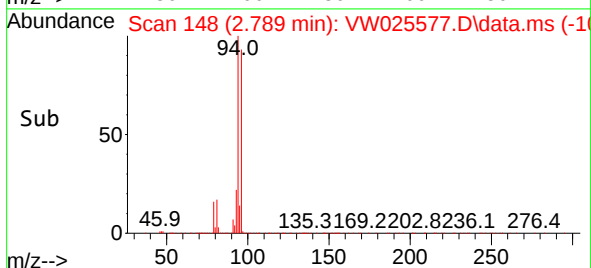
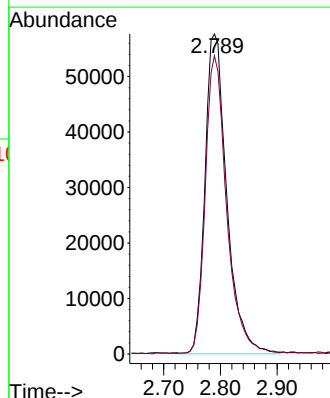
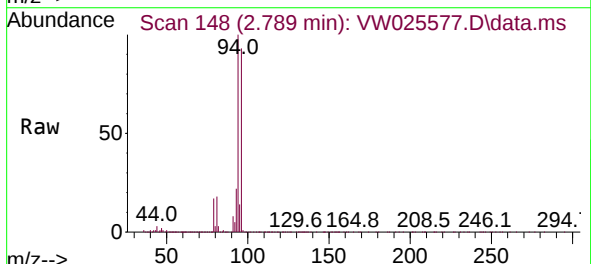
Instrument :
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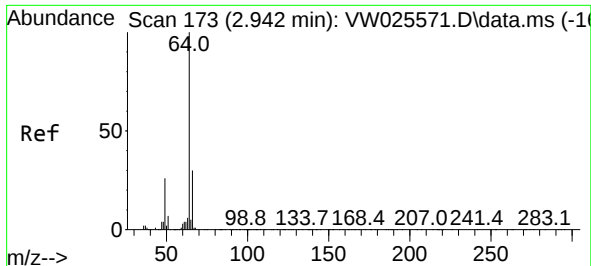
Tgt Ion: 62 Resp: 277906
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.9 44.3



#6
 Bromomethane
 Concen: 22.962 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW025577.D
 Acq: 18 Apr 2023 16:29

Tgt Ion: 94 Resp: 154171
 Ion Ratio Lower Upper
 94 100
 96 93.1 64.0 118.8

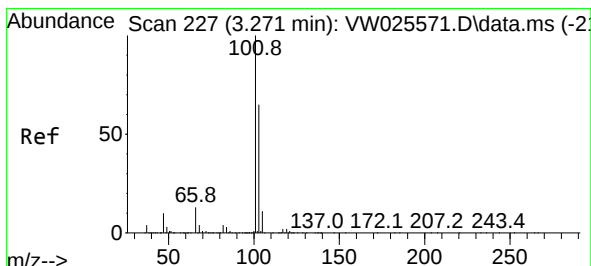
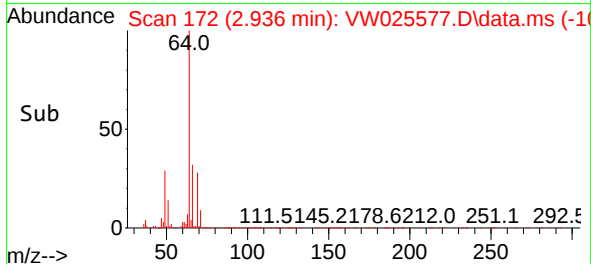
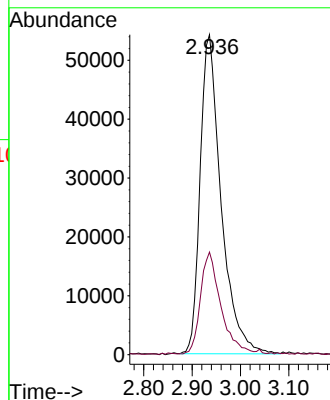
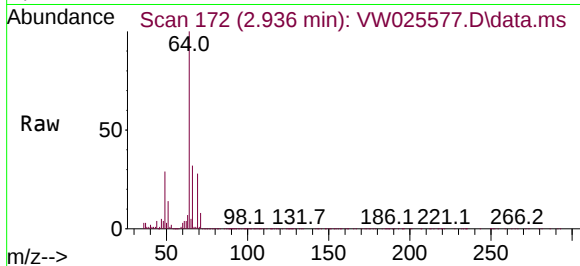




#8
Chloroethane
Concen: 23.348 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

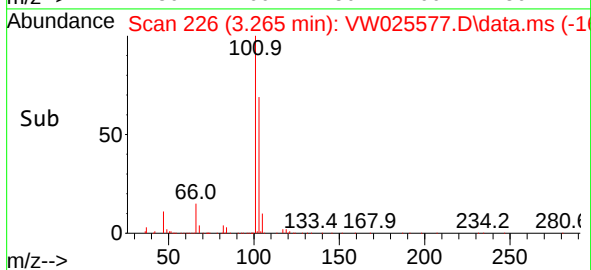
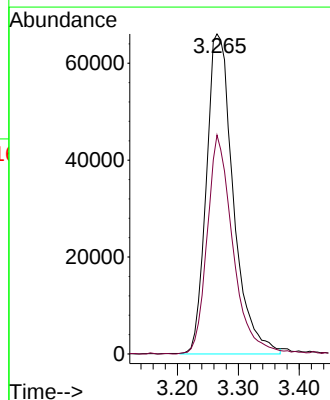
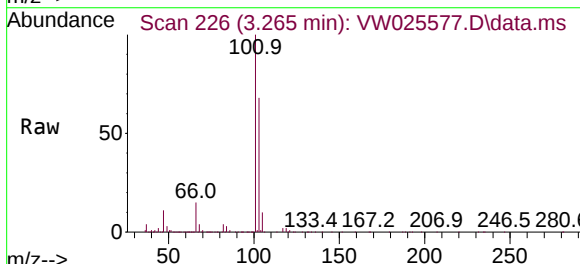
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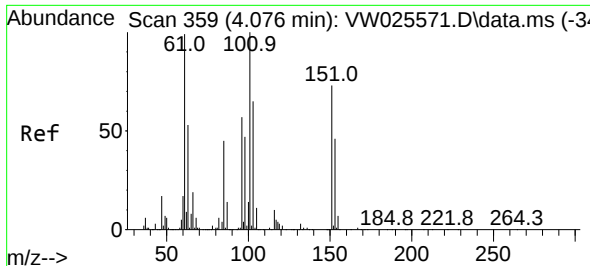
Tgt Ion: 64 Resp: 163212
Ion Ratio Lower Upper
64 100
66 32.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 21.100 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Tgt Ion: 101 Resp: 202892
Ion Ratio Lower Upper
101 100
103 65.0 52.3 78.5

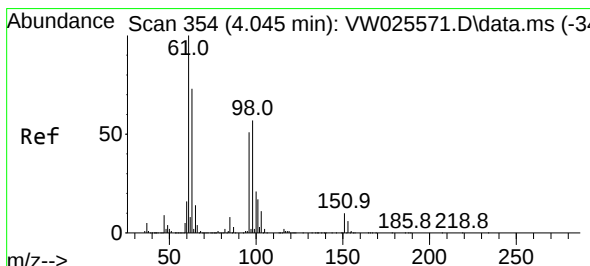
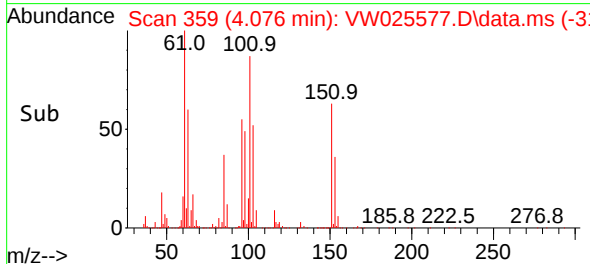
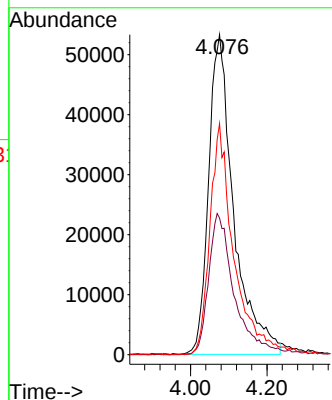
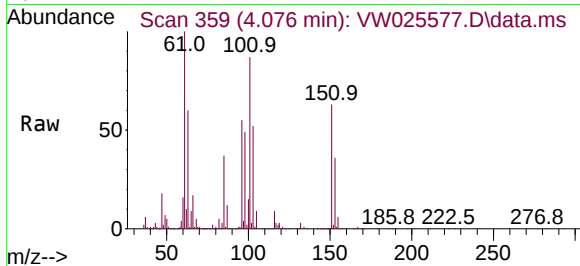




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.168 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW025577.D
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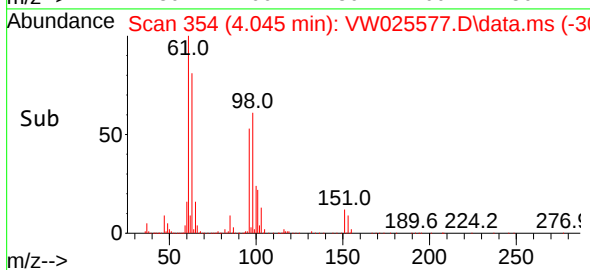
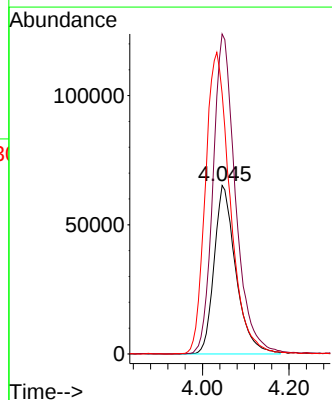
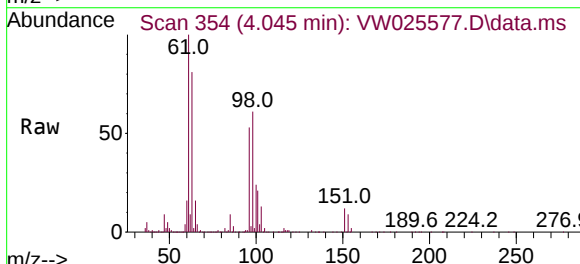
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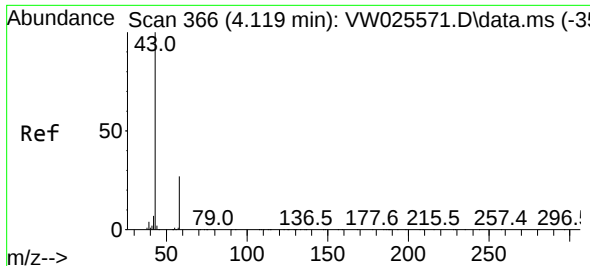
Tgt Ion:101 Resp: 242861
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.5 51.7
 151 64.6 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 23.505 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025577.D
 Acq: 18 Apr 2023 16:29

Tgt Ion: 96 Resp: 227027
 Ion Ratio Lower Upper
 96 100
 61 189.9 132.7 246.4
 63 154.5 105.0 195.0

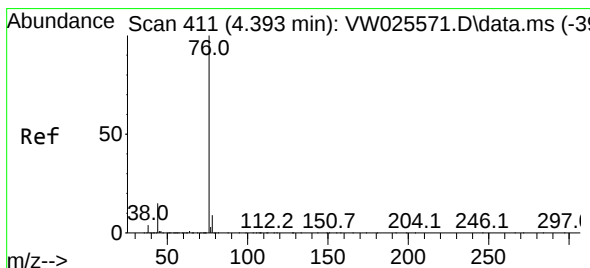
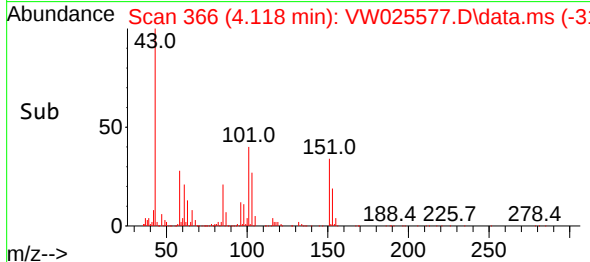
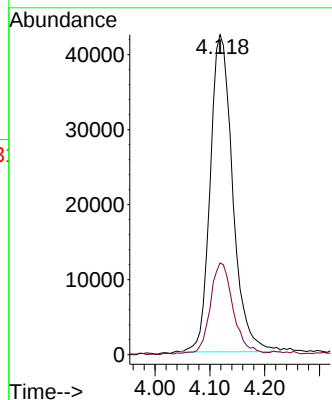
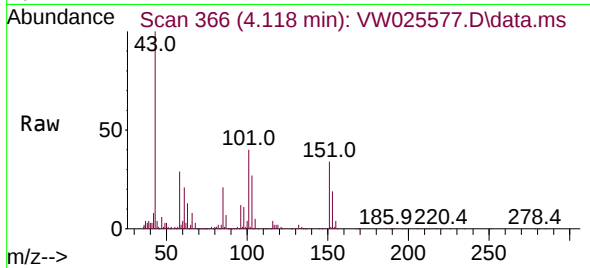




#13
Acetone
Concen: 56.333 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
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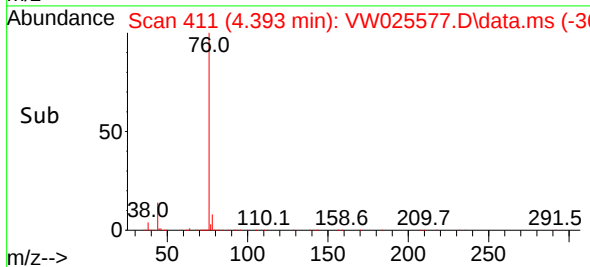
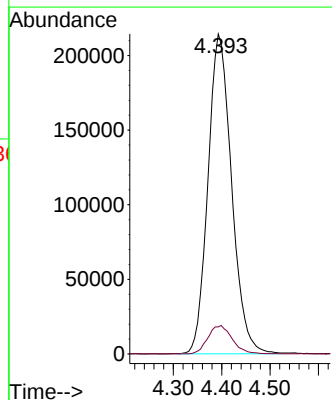
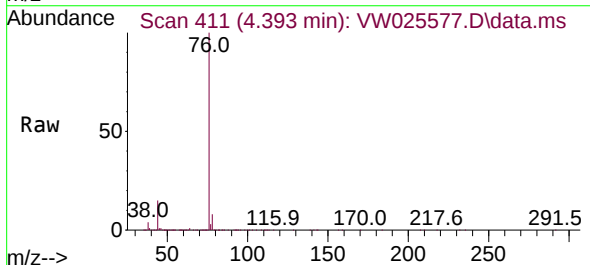
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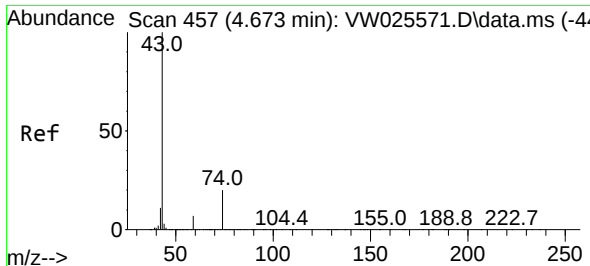
Tgt Ion: 43 Resp: 120452
Ion Ratio Lower Upper
43 100
58 29.3 0.0 57.4



#14
Carbon disulfide
Concen: 21.358 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 727822
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7

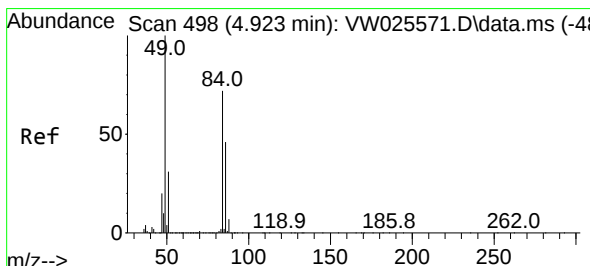
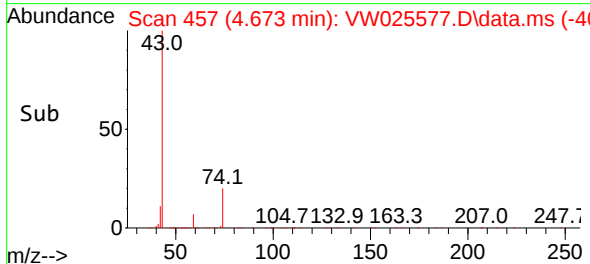
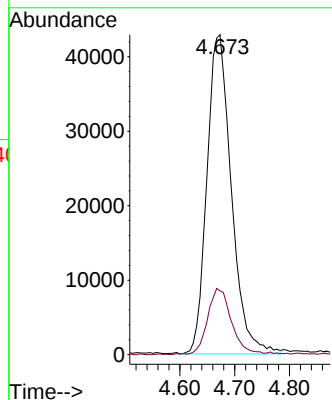
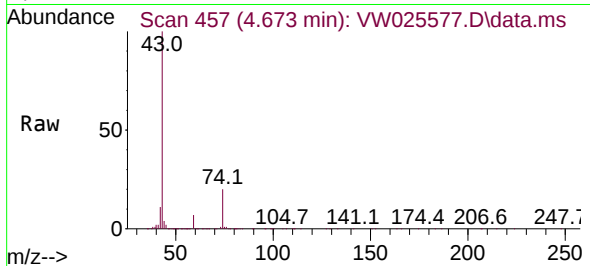




#15
Methyl Acetate
Concen: 27.652 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

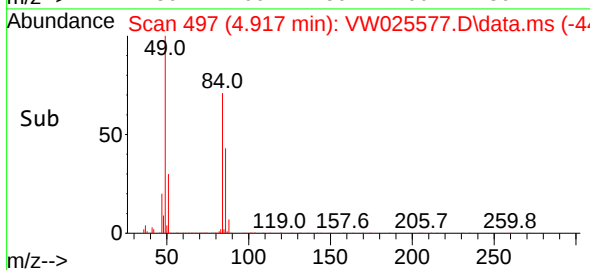
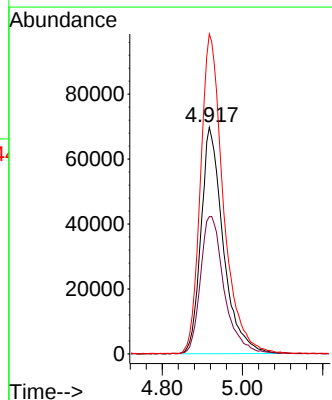
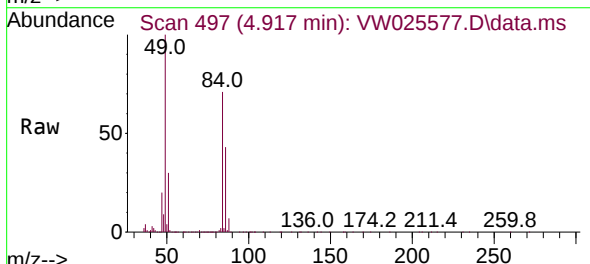
Instrument :
MSVOA_W
ClientSampleId :
VSTD025570

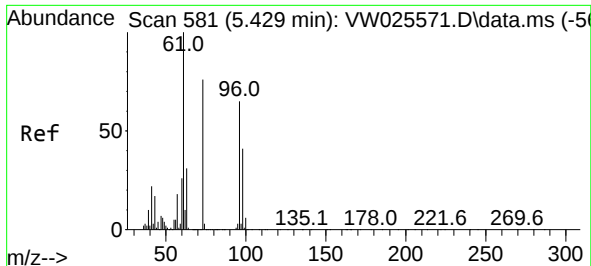
Tgt Ion: 43 Resp: 132836
Ion Ratio Lower Upper
43 100
74 19.9 17.0 25.4



#16
Methylene chloride
Concen: 24.285 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Tgt Ion: 84 Resp: 268639
Ion Ratio Lower Upper
84 100
86 60.5 44.9 83.3
49 141.2 101.4 188.4

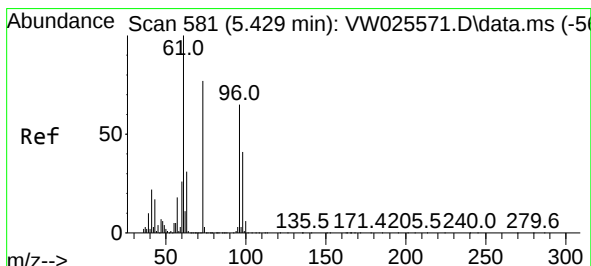
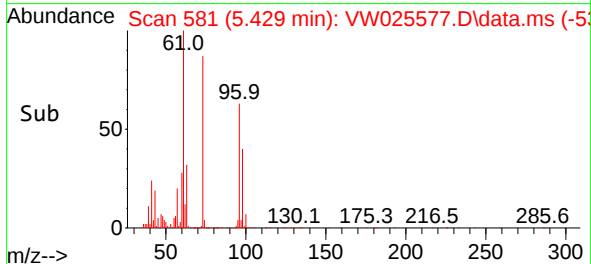
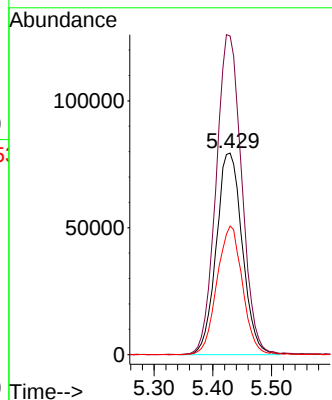
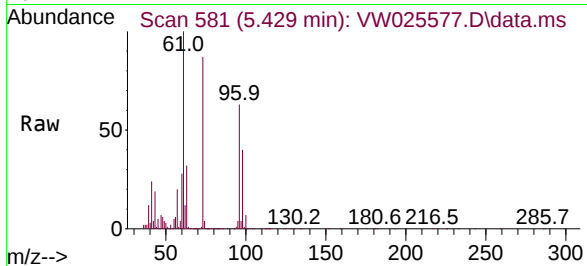




#17
trans-1,2-Dichloroethene
Concen: 23.811 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

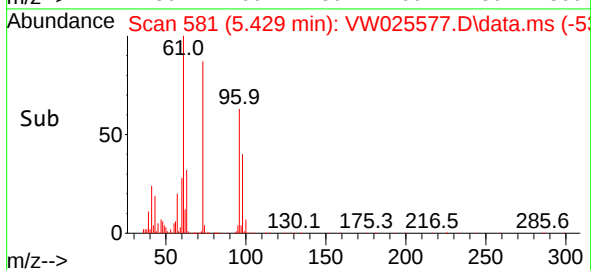
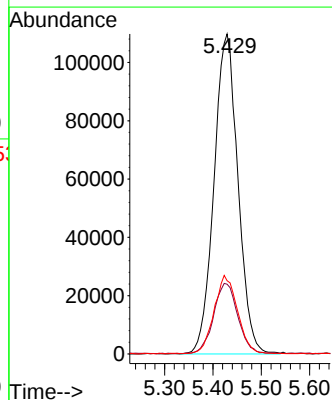
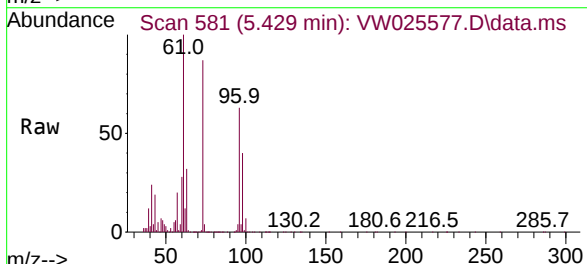
Instrument :
MSVOA_W
ClientSampleId :
VSTD025570

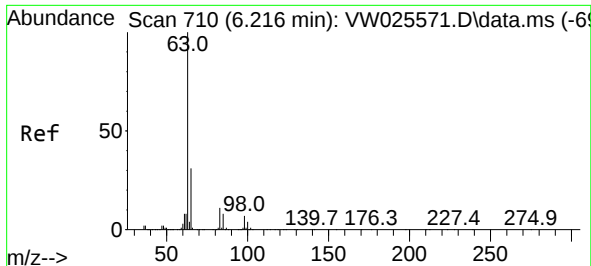
Tgt Ion: 96 Resp: 244508
Ion Ratio Lower Upper
96 100
61 158.2 113.3 210.3
98 63.9 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 26.632 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Tgt Ion: 73 Resp: 377406
Ion Ratio Lower Upper
73 100
43 22.1 17.8 26.6
57 23.7 19.0 28.6





#19

1,1-Dichloroethane

Concen: 25.178 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025577.D

Acq: 18 Apr 2023 16:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025570

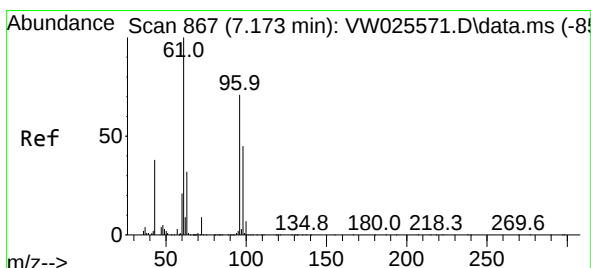
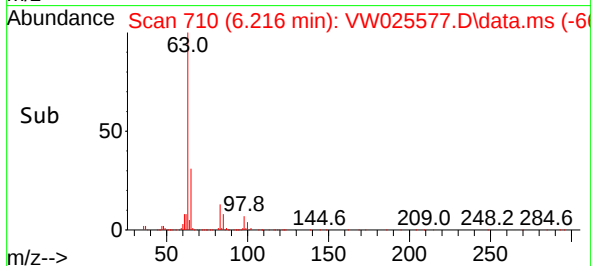
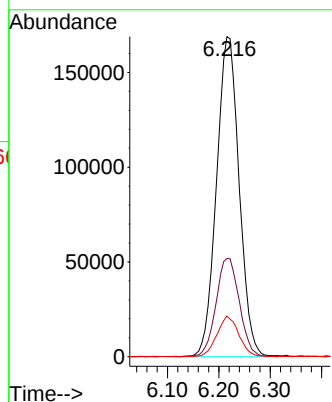
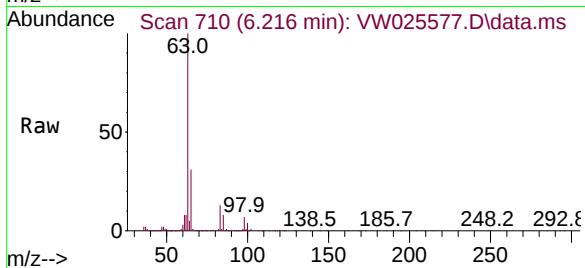
Tgt Ion: 63 Resp: 516554

Ion Ratio Lower Upper

63 100

65 30.7 21.9 40.7

83 12.7 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 25.286 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW025577.D

Acq: 18 Apr 2023 16:29

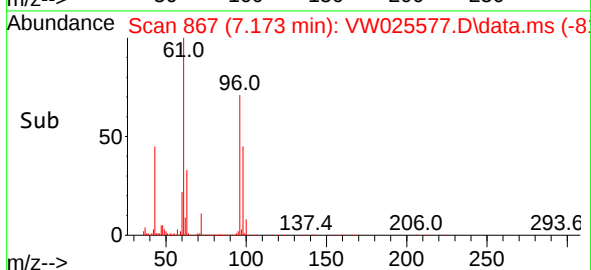
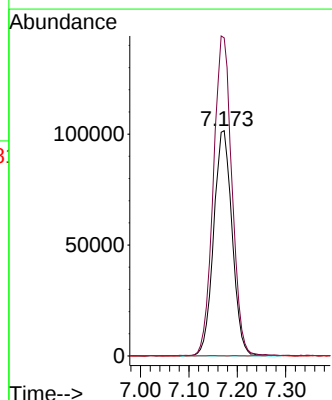
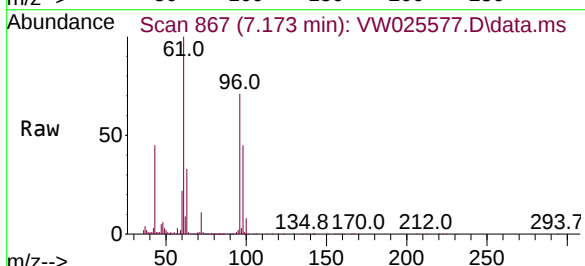
Tgt Ion: 96 Resp: 270163

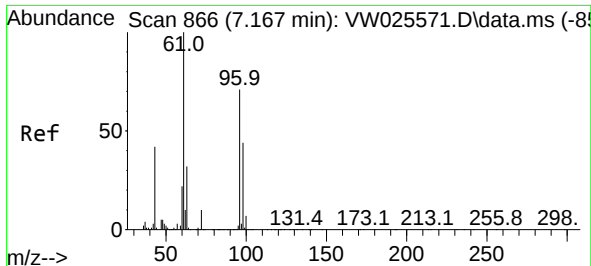
Ion Ratio Lower Upper

96 100

61 141.2 102.6 190.6

68 0.1 0.1 0.1

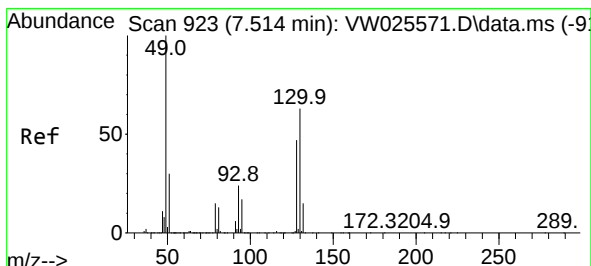
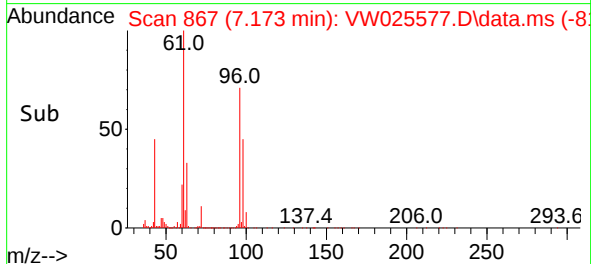
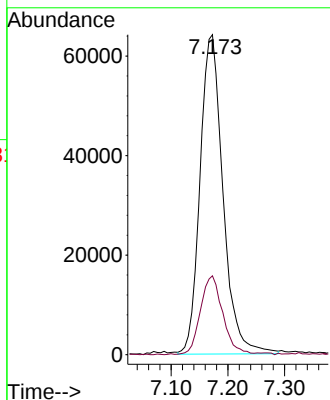
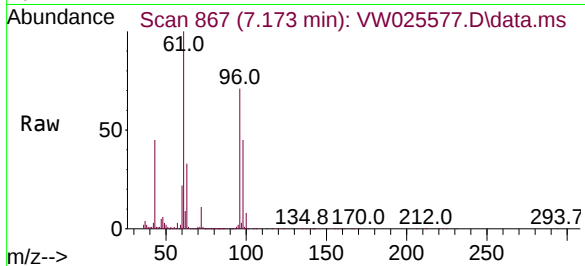




#22
2-Butanone
Concen: 59.404 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

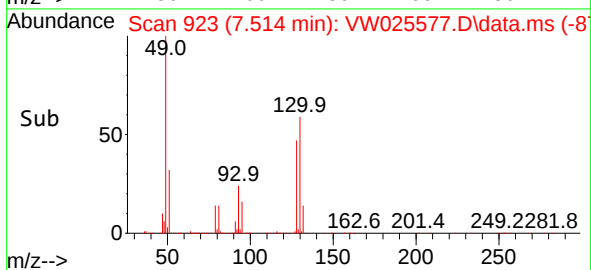
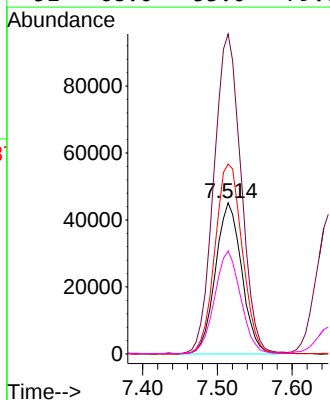
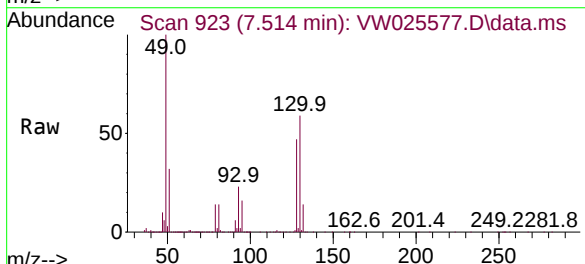
Instrument :
MSVOA_W
ClientSampleId :
VSTD025570

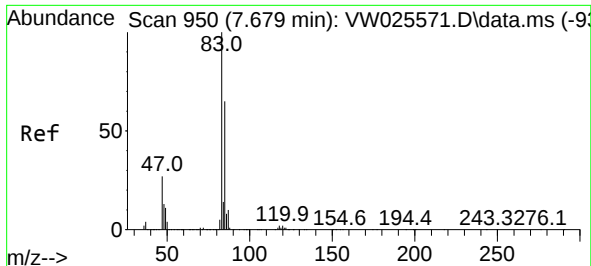
Tgt Ion: 43 Resp: 180569
Ion Ratio Lower Upper
43 100
72 23.9 12.0 36.0



#23
Bromochloromethane
Concen: 25.197 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Tgt Ion: 128 Resp: 110402
Ion Ratio Lower Upper
128 100
49 211.6 141.7 263.3
130 125.6 86.7 160.9
51 68.0 53.0 79.6

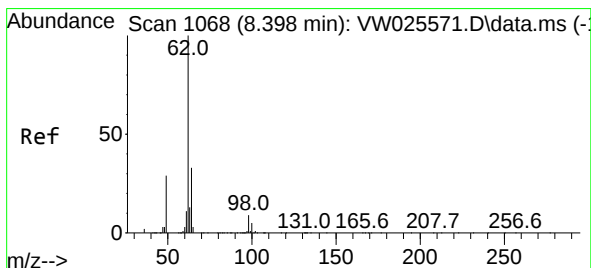
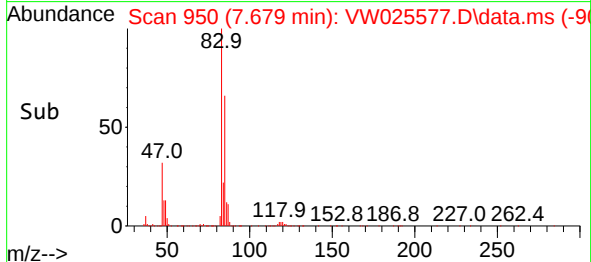
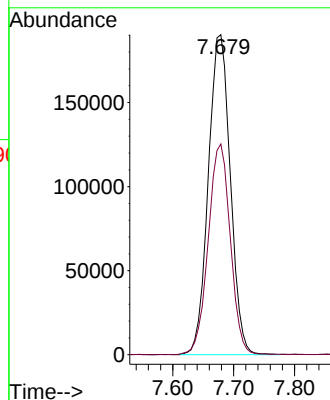
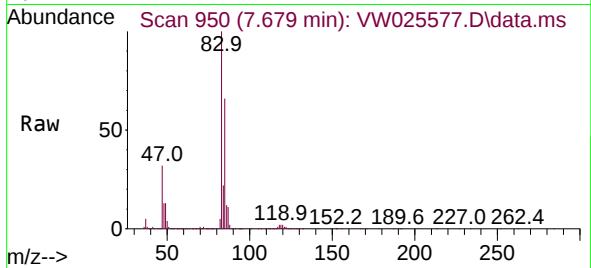




#25
Chloroform
Concen: 25.486 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

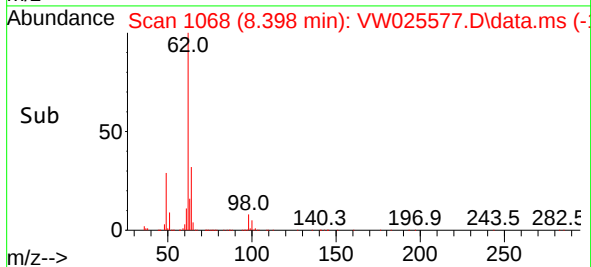
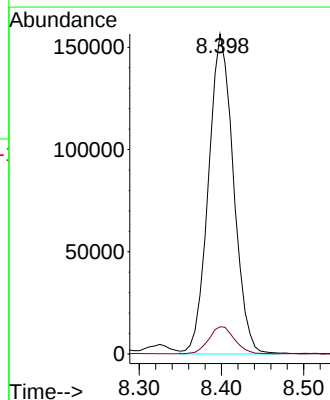
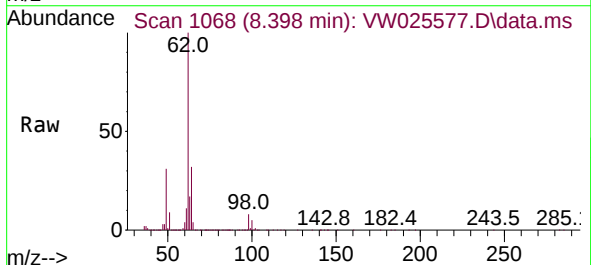
Instrument :
MSVOA_W
ClientSampleId :
VSTD025570

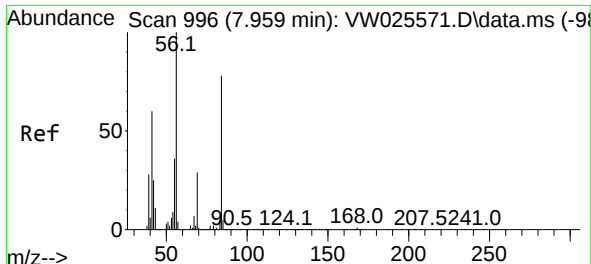
Tgt Ion: 83 Resp: 478161
Ion Ratio Lower Upper
83 100
85 65.8 45.8 85.2



#27
1,2-Dichloroethane
Concen: 26.232 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Tgt Ion: 62 Resp: 330260
Ion Ratio Lower Upper
62 100
98 8.5 6.6 10.0

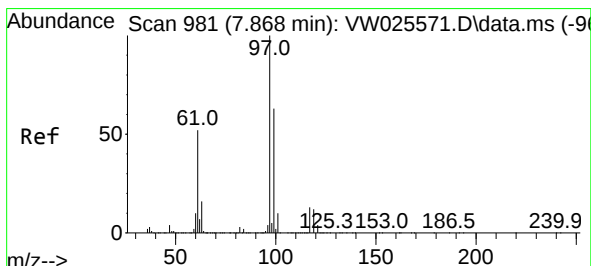
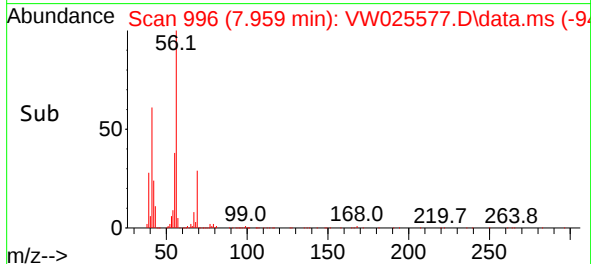
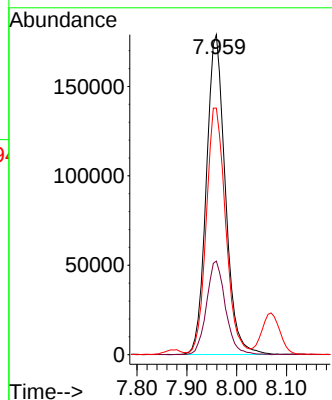
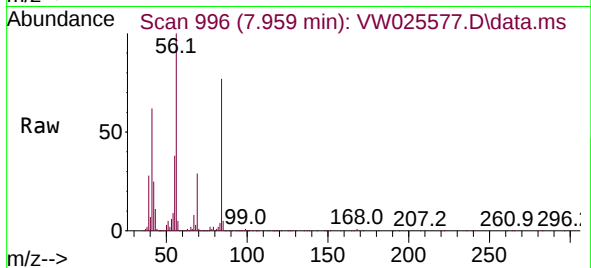




#29
Cyclohexane
Concen: 22.763 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

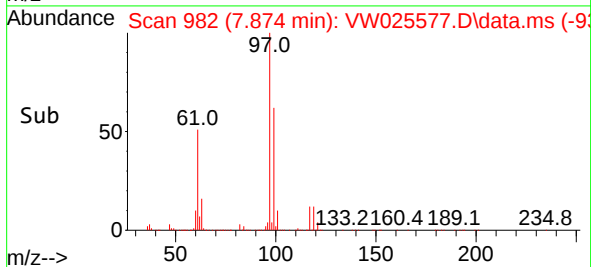
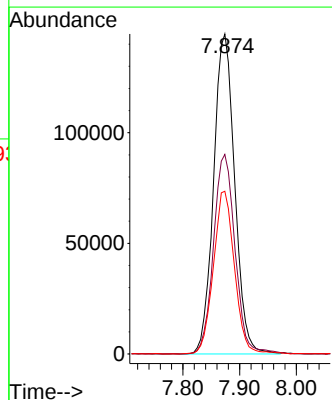
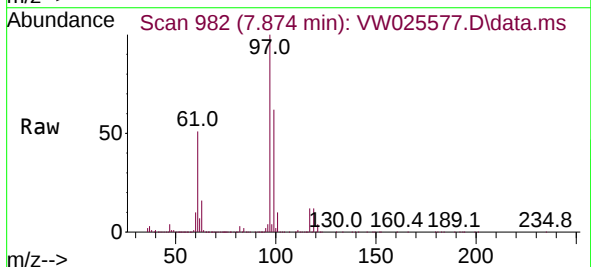
Instrument :
MSVOA_W
ClientSampleId :
VSTD025570

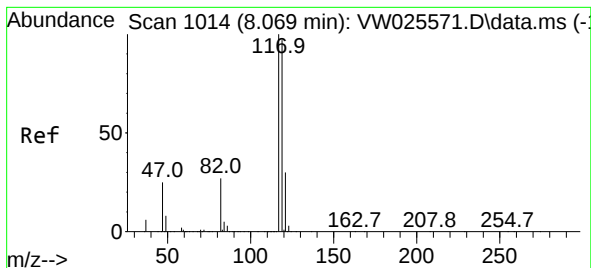
Tgt Ion: 56 Resp: 472658
Ion Ratio Lower Upper
56 100
69 29.1 22.7 34.1
84 78.9 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 23.459 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Tgt Ion: 97 Resp: 373952
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 50.4 40.5 60.7





#31

Carbon tetrachloride

Concen: 23.464 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW025577.D

Acq: 18 Apr 2023 16:29

Instrument :

MSVOA_W

ClientSampleId :

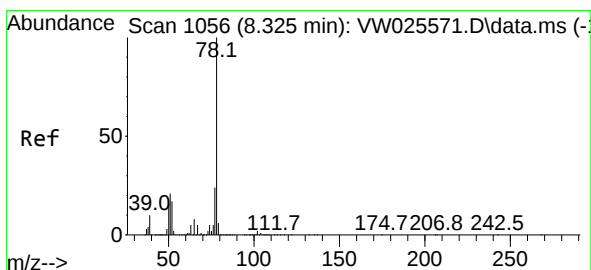
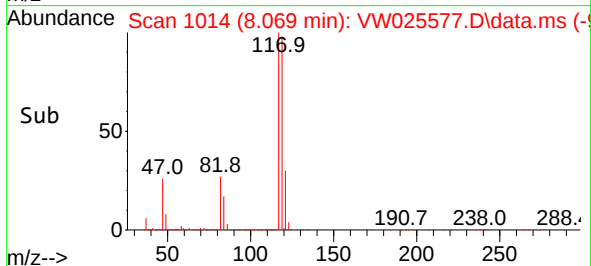
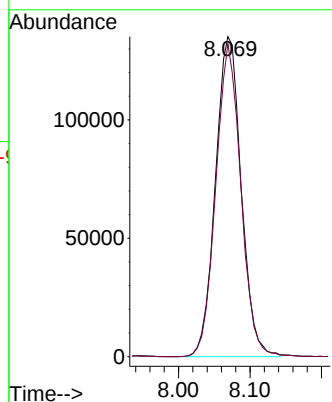
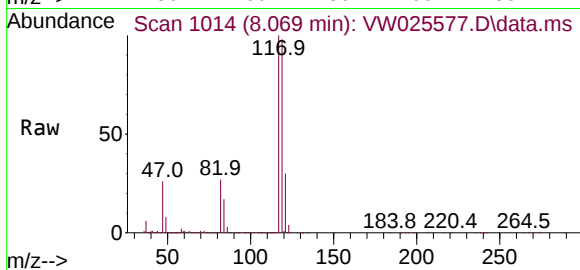
VSTD025570

Tgt Ion:117 Resp: 337777

Ion Ratio Lower Upper

117 100

119 95.0 75.7 113.5



#33

Benzene

Concen: 23.982 ug/L

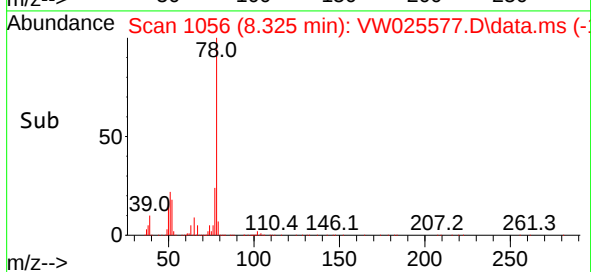
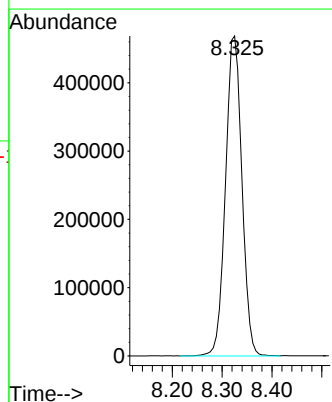
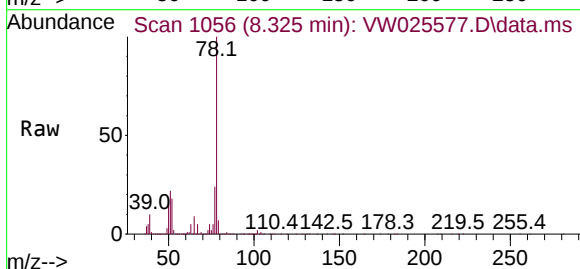
RT: 8.325 min Scan# 1056

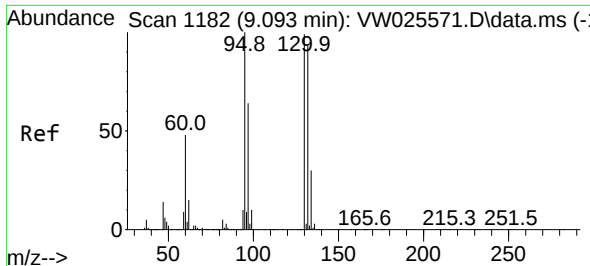
Delta R.T. -0.000 min

Lab File: VW025577.D

Acq: 18 Apr 2023 16:29

Tgt Ion: 78 Resp: 1070900



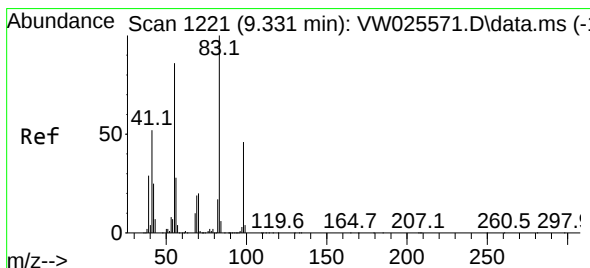
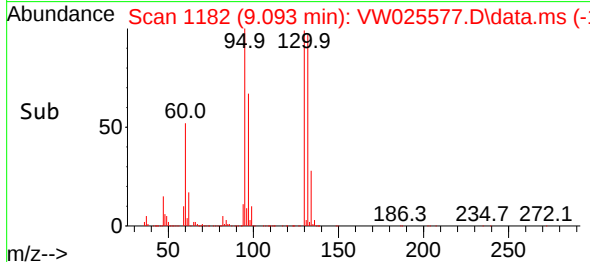
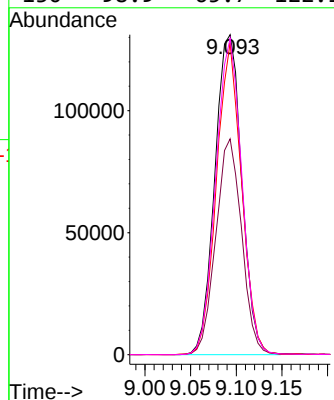
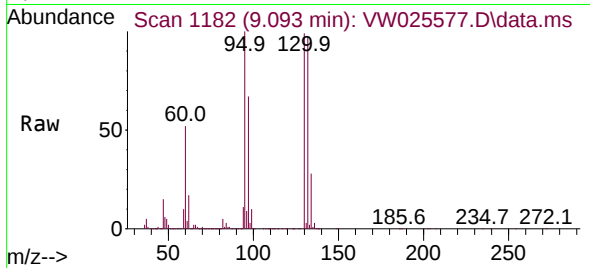


#34
 Trichloroethene
 Concen: 23.111 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. -0.000 min
 Lab File: VW025577.D
 Acq: 18 Apr 2023 16:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025570

Tgt Ion: 95 Resp: 268430

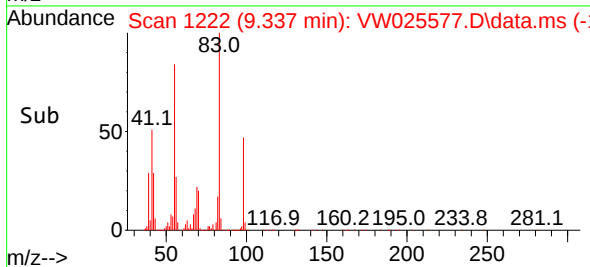
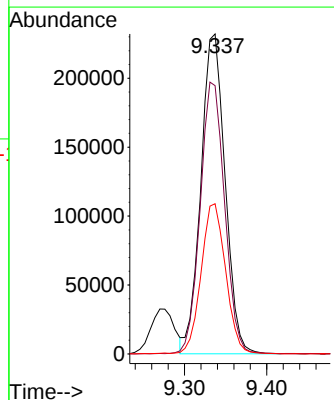
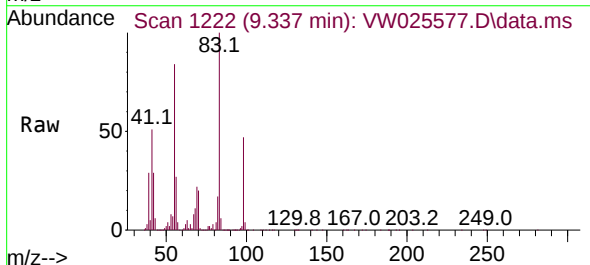
Ion	Ratio	Lower	Upper
95	100		
97	67.5	42.5	78.9
132	97.4	59.8	111.1
130	98.9	65.7	122.1

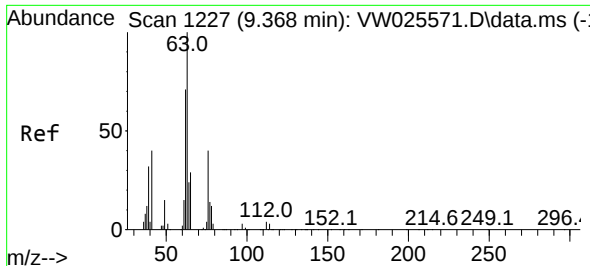


#35
 Methylcyclohexane
 Concen: 22.674 ug/L
 RT: 9.337 min Scan# 1222
 Delta R.T. 0.006 min
 Lab File: VW025577.D
 Acq: 18 Apr 2023 16:29

Tgt Ion: 83 Resp: 475543

Ion	Ratio	Lower	Upper
83	100		
55	85.7	68.7	103.1
98	47.6	37.7	56.5





#37

1,2-Dichloropropane

Concen: 25.226 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025577.D

Acq: 18 Apr 2023 16:29

Instrument :

MSVOA_W

ClientSampleId :

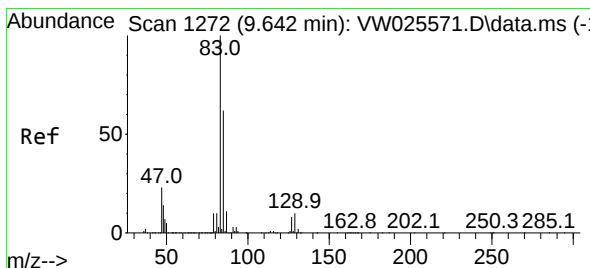
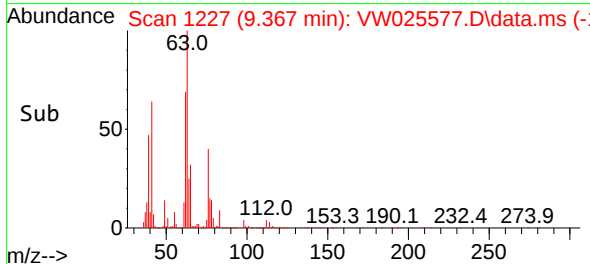
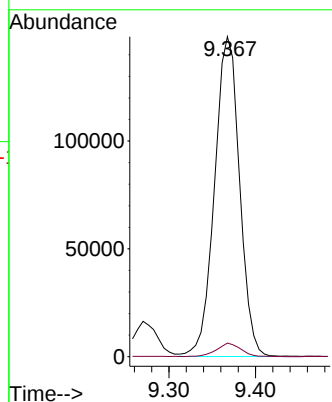
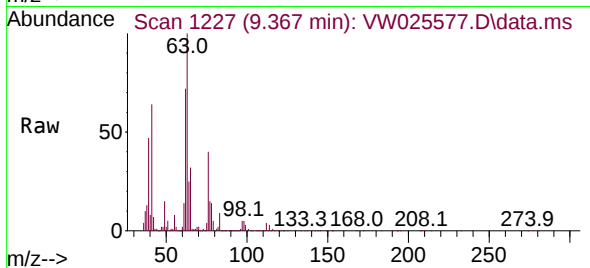
VSTD025570

Tgt Ion: 63 Resp: 297495

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 25.187 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025577.D

Acq: 18 Apr 2023 16:29

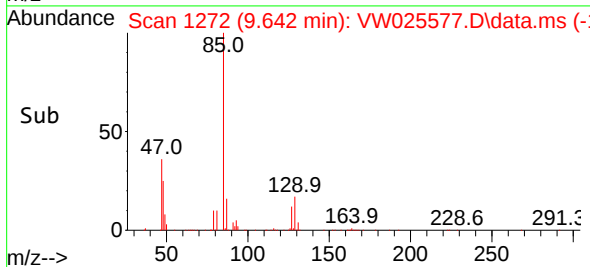
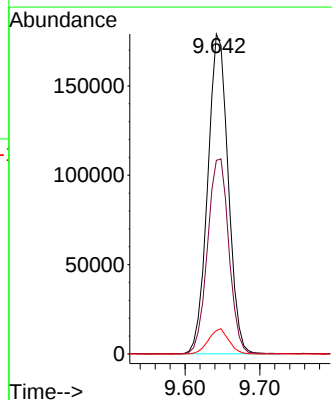
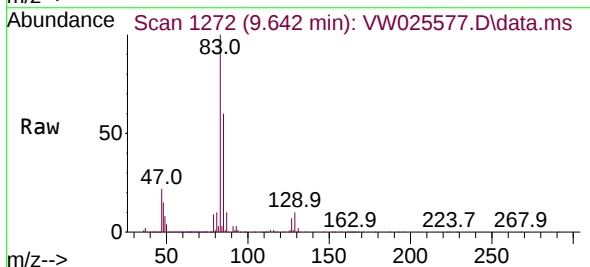
Tgt Ion: 83 Resp: 339849

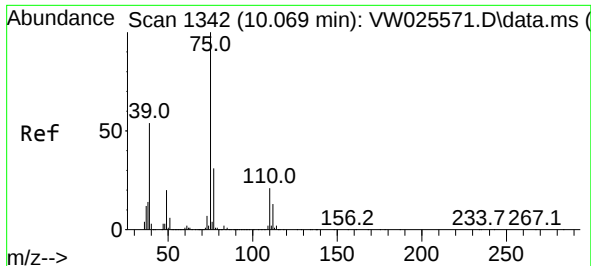
Ion Ratio Lower Upper

83 100

85 60.5 43.5 80.7

127 7.3 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 25.289 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW025577.D

Acq: 18 Apr 2023 16:29

Instrument :

MSVOA_W

ClientSampleId :

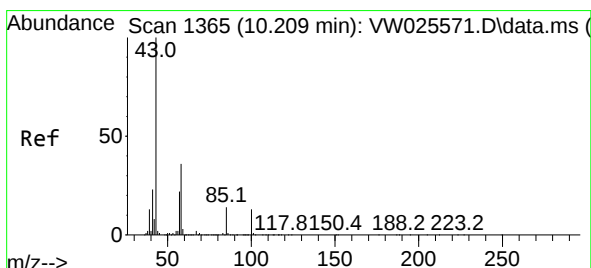
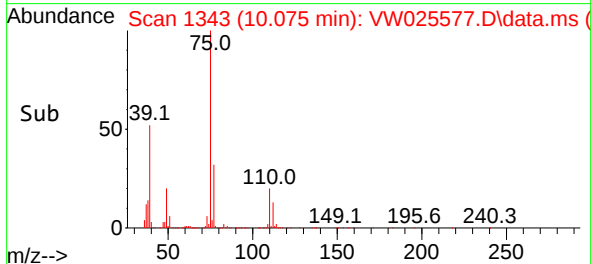
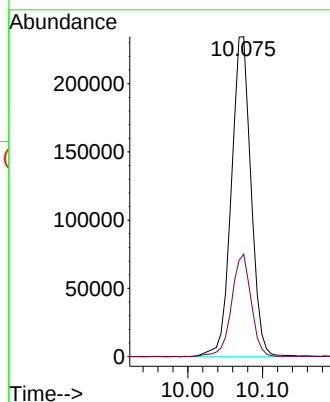
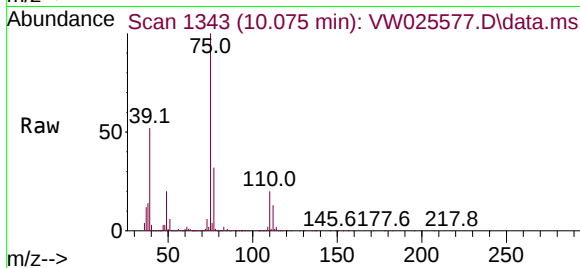
VSTD025570

Tgt Ion: 75 Resp: 427800

Ion Ratio Lower Upper

75 100

77 32.0 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 55.516 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025577.D

Acq: 18 Apr 2023 16:29

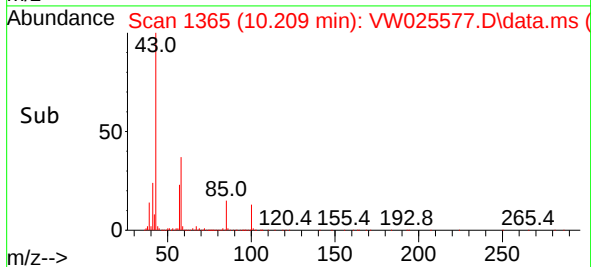
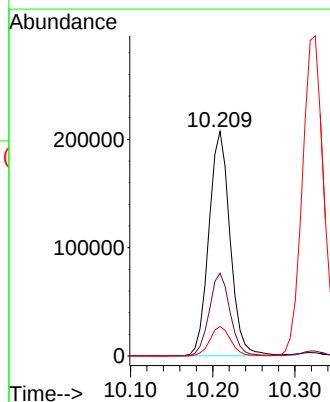
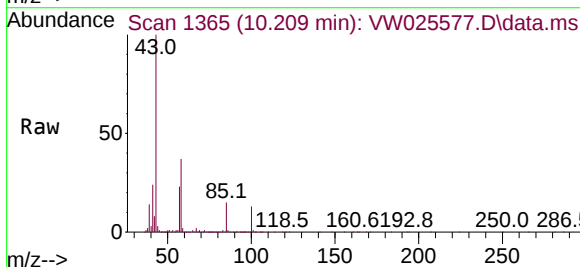
Tgt Ion: 43 Resp: 370578

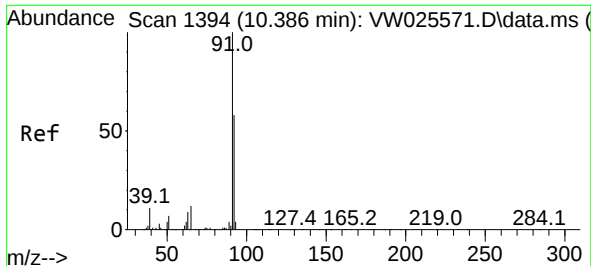
Ion Ratio Lower Upper

43 100

58 36.4 29.2 43.8

100 13.0 10.2 15.4

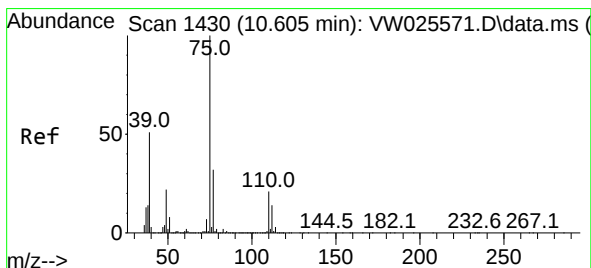
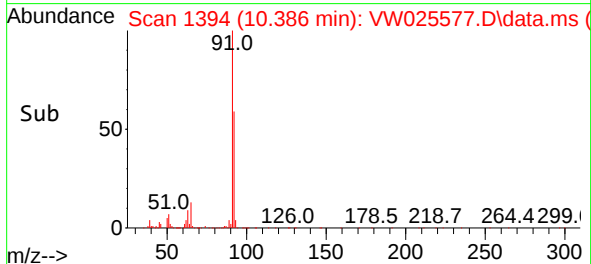
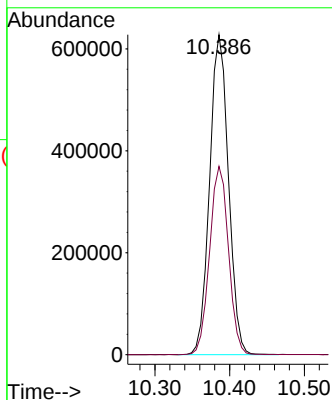
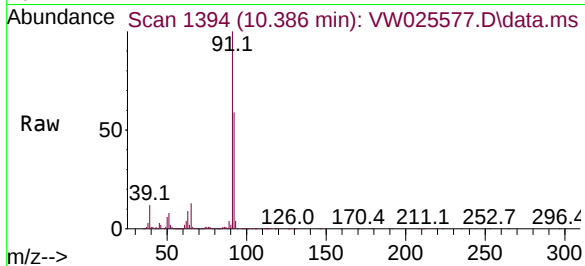




#42
Toluene
Concen: 24.253 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

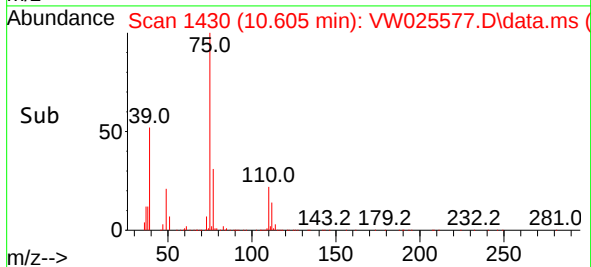
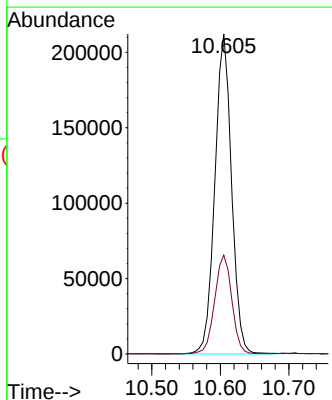
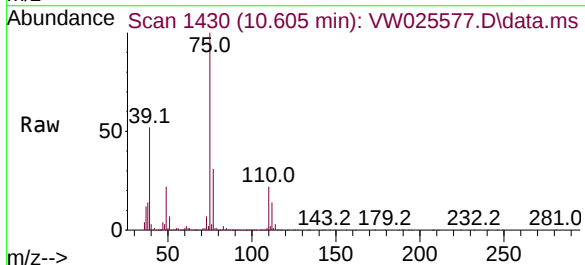
Instrument :
MSVOA_W
ClientSampleId :
VSTD025570

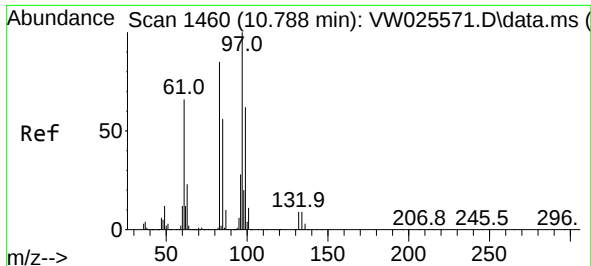
Tgt Ion: 91 Resp: 1102765
Ion Ratio Lower Upper
91 100
92 58.8 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 25.660 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Tgt Ion: 75 Resp: 357941
Ion Ratio Lower Upper
75 100
77 30.9 22.5 41.9



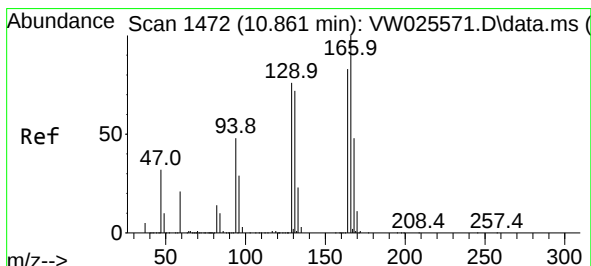
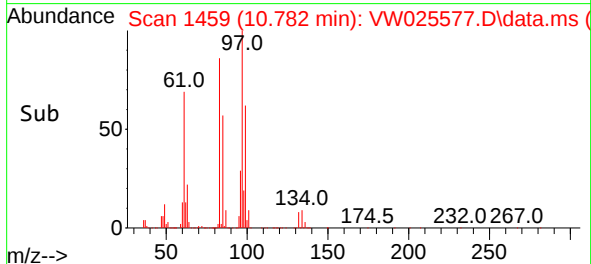
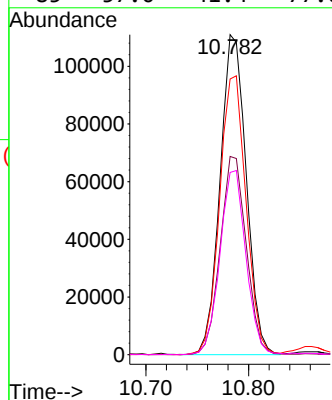
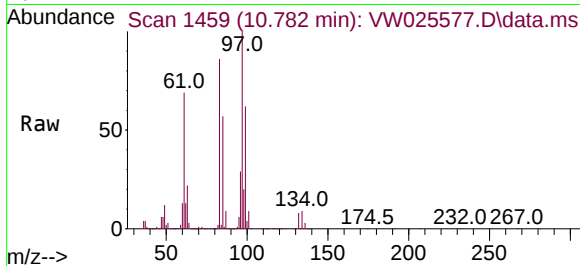


#45
1,1,2-Trichloroethane
Concen: 26.071 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Instrument :
MSVOA_W
ClientSampleId :
VSTD025570

Tgt Ion: 97 Resp: 196045

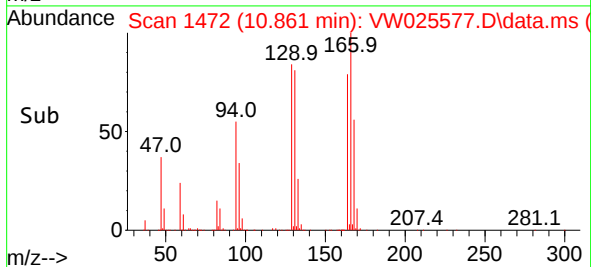
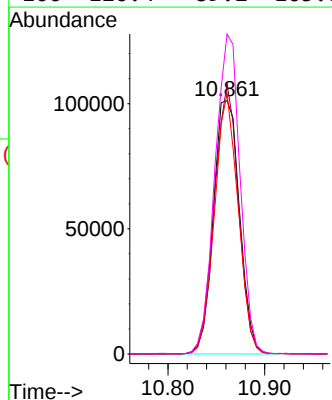
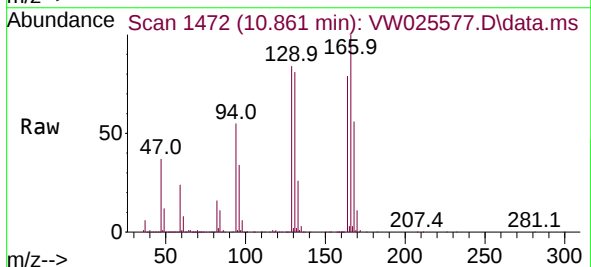
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.8	81.3
83	86.2	61.8	114.8
85	57.0	41.4	77.0

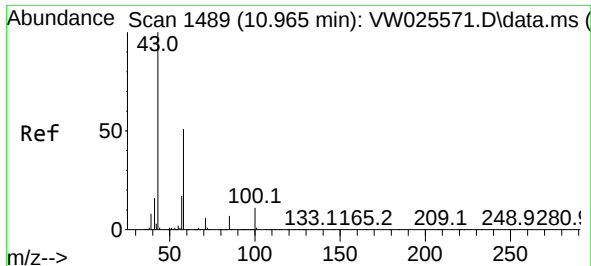


#46
Tetrachloroethene
Concen: 23.127 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Tgt Ion:164 Resp: 188921

Ion	Ratio	Lower	Upper
164	100		
129	106.6	76.9	142.9
131	102.8	70.5	130.9
166	126.4	89.2	165.8



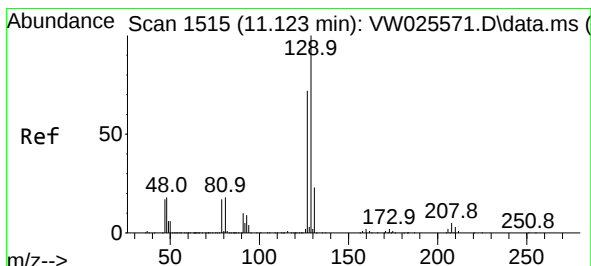
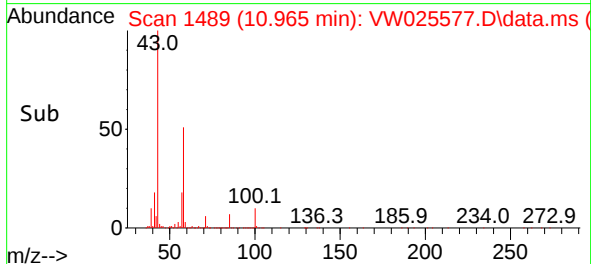
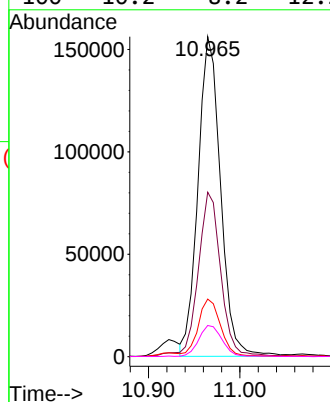
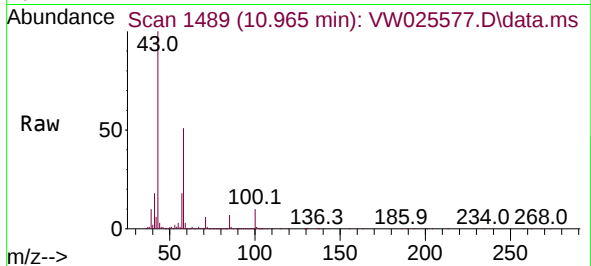


#48
2-Hexanone
Concen: 58.050 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Instrument :
MSVOA_W
ClientSampleId :
VSTD025570

Tgt Ion: 43 Resp: 267734

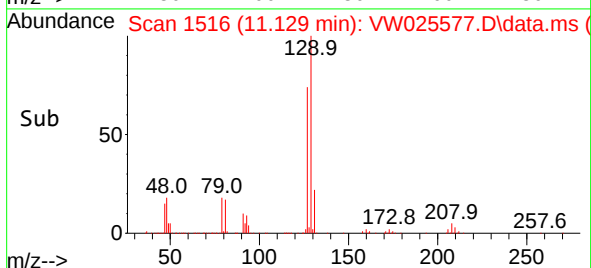
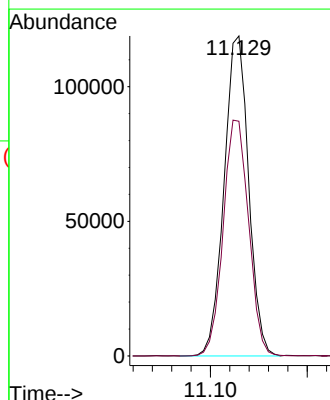
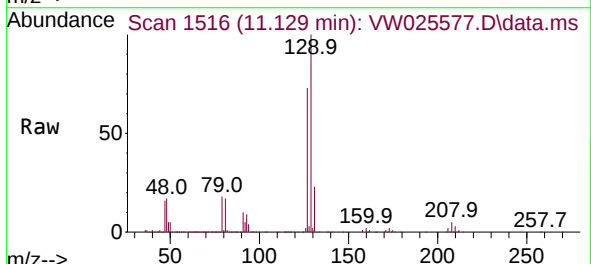
Ion	Ratio	Lower	Upper
43	100		
58	50.6	38.6	57.8
57	17.8	13.9	20.9
100	10.2	8.2	12.2

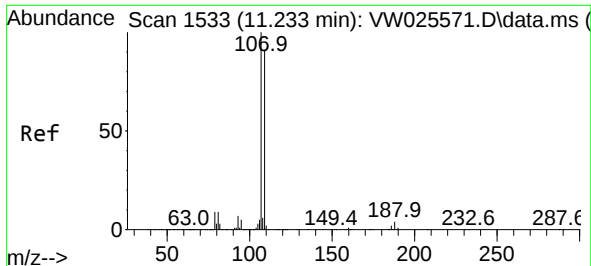


#49
Dibromochloromethane
Concen: 26.410 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Tgt Ion: 129 Resp: 209093

Ion	Ratio	Lower	Upper
129	100		
127	73.4	54.0	100.2





#50

1,2-Dibromoethane

Concen: 25.640 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025577.D

Acq: 18 Apr 2023 16:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025570

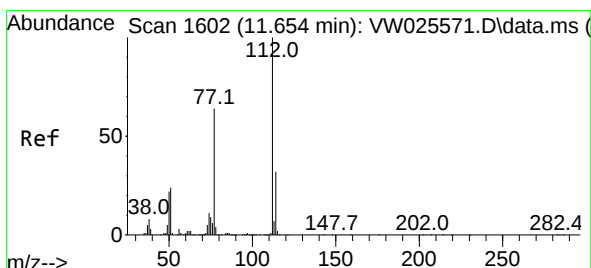
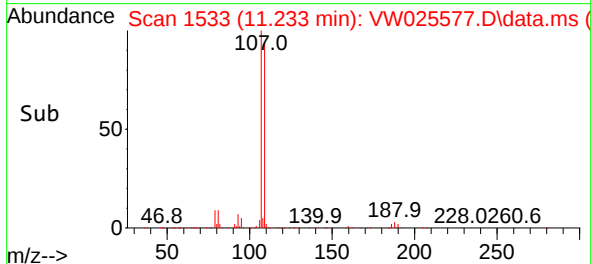
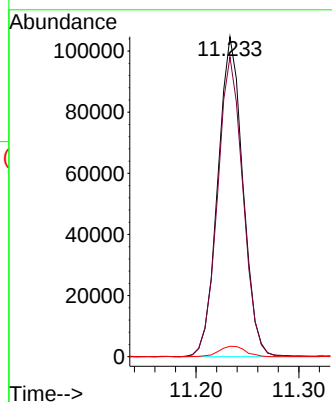
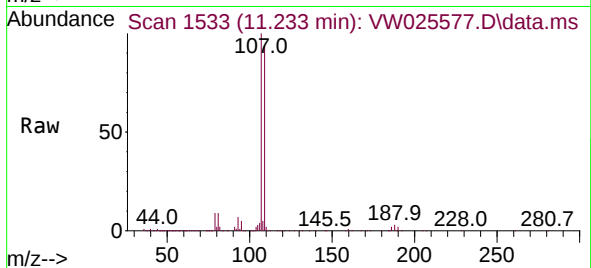
Tgt Ion:107 Resp: 177147

Ion Ratio Lower Upper

107 100

109 93.7 64.1 119.1

188 3.3 2.8 4.2



#51

Chlorobenzene

Concen: 24.742 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025577.D

Acq: 18 Apr 2023 16:29

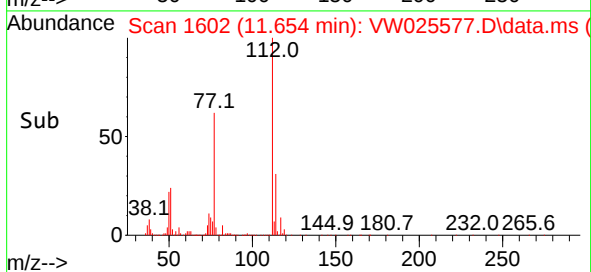
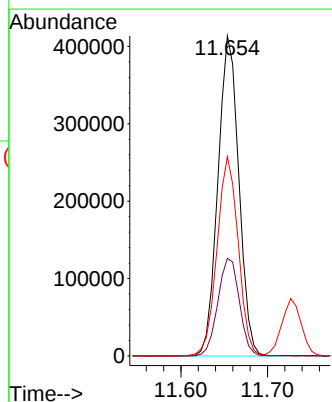
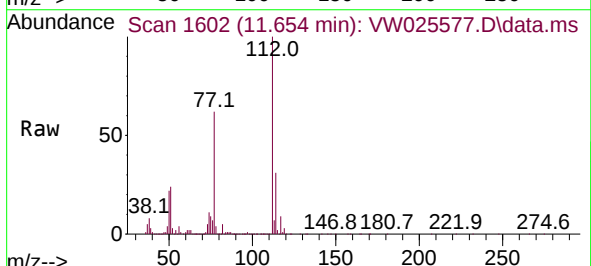
Tgt Ion:112 Resp: 693243

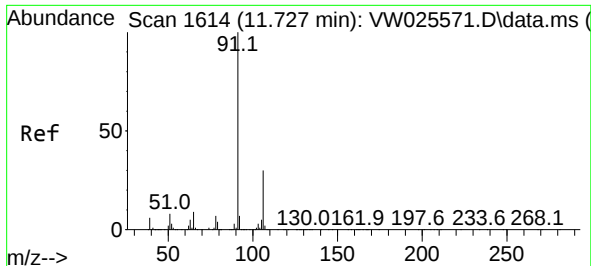
Ion Ratio Lower Upper

112 100

114 30.5 21.6 40.2

77 62.3 50.2 75.2

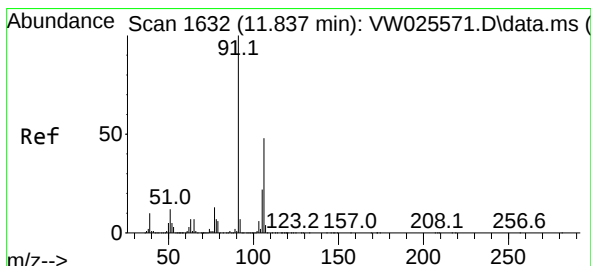
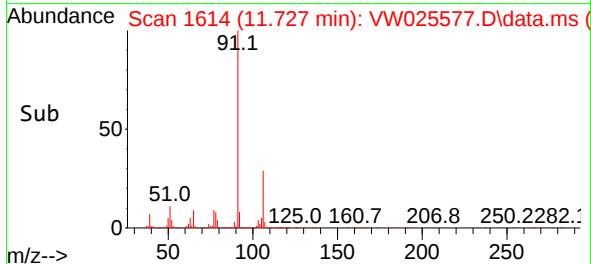
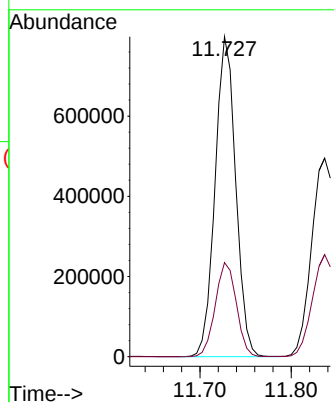
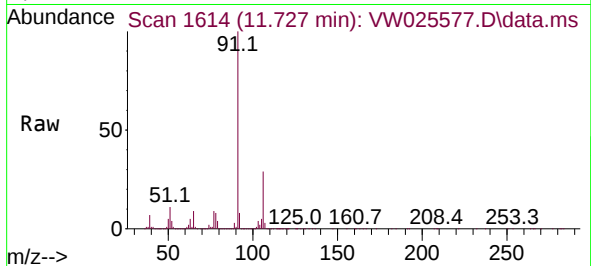




#52
Ethylbenzene
Concen: 24.326 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

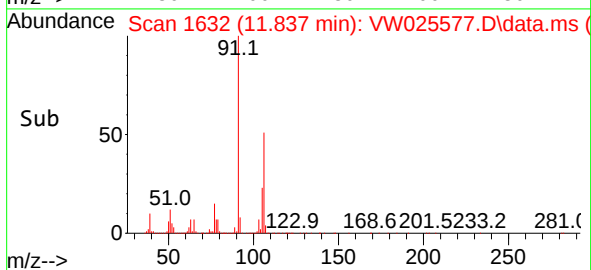
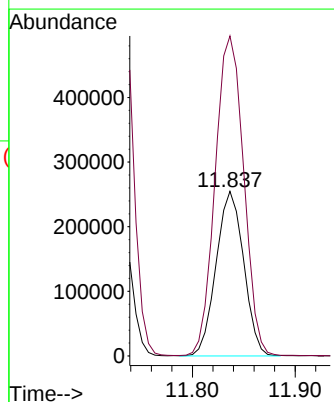
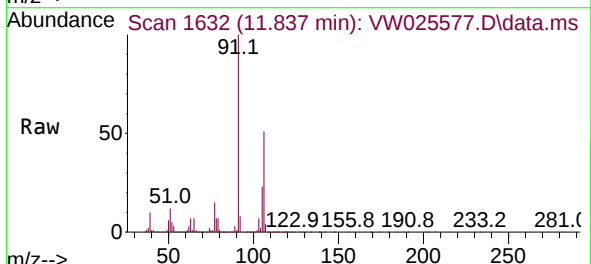
Instrument :
MSVOA_W
ClientSampleId :
VSTD025570

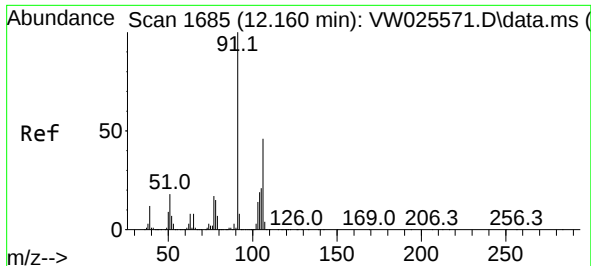
Tgt Ion: 91 Resp: 1251679
Ion Ratio Lower Upper
91 100
106 29.4 20.3 37.7



#53
m,p-Xylene
Concen: 25.155 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Tgt Ion: 106 Resp: 474669
Ion Ratio Lower Upper
106 100
91 194.4 148.0 274.8

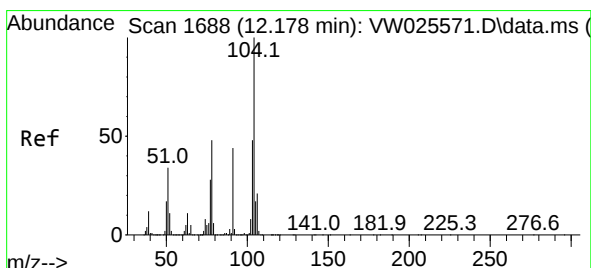
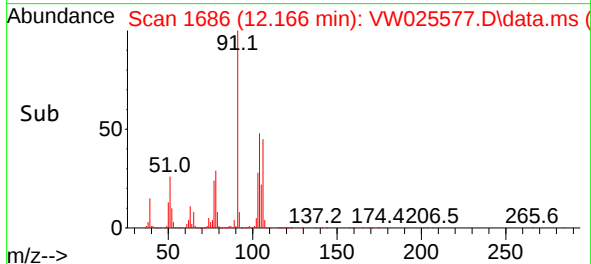
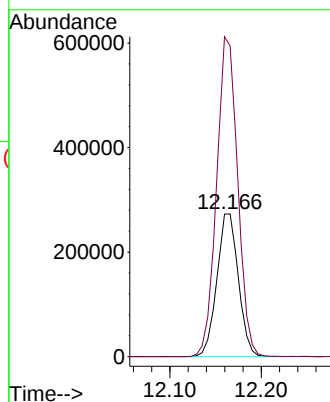
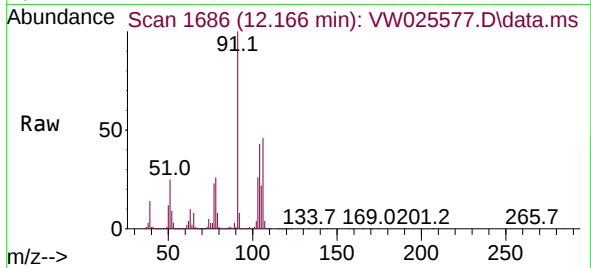




#54
o-Xylene
Concen: 25.268 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

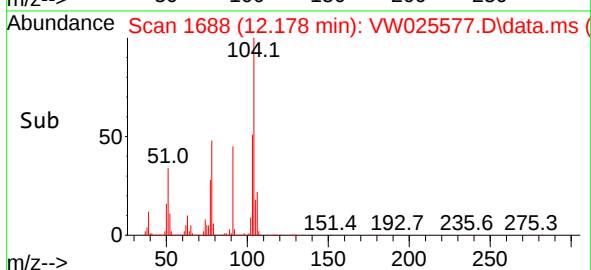
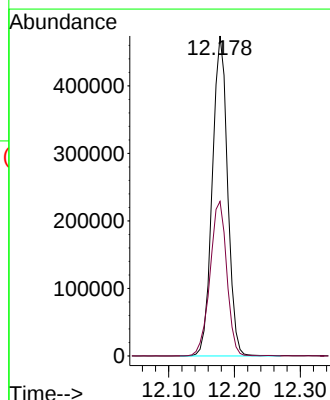
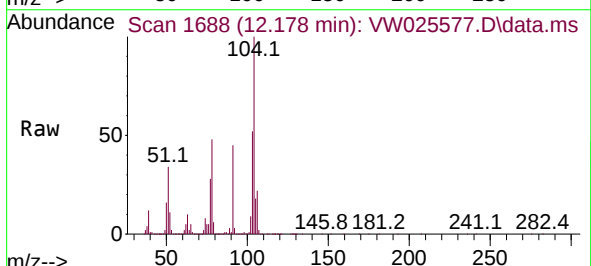
Instrument :
MSVOA_W
ClientSampleId :
VSTD025570

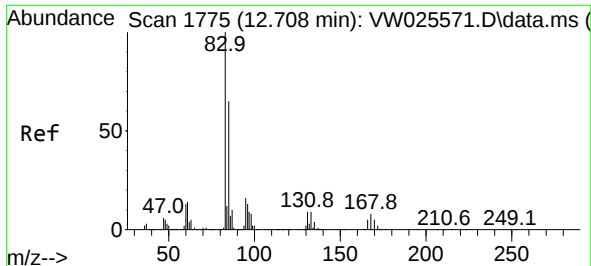
Tgt Ion:106 Resp: 446042
Ion Ratio Lower Upper
106 100
91 217.7 158.2 293.8



#55
Styrene
Concen: 25.811 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Tgt Ion:104 Resp: 766901
Ion Ratio Lower Upper
104 100
78 48.3 33.3 61.9

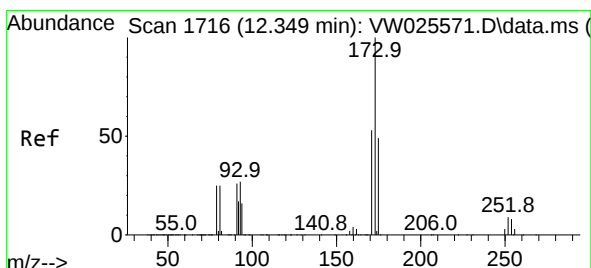
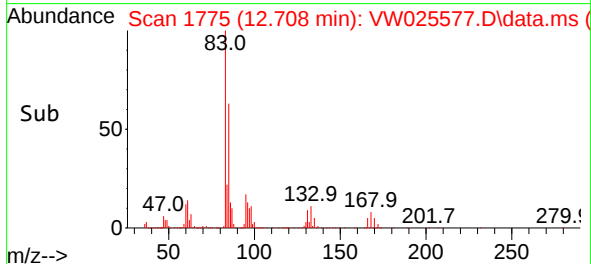
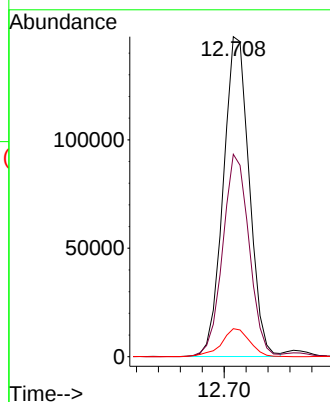
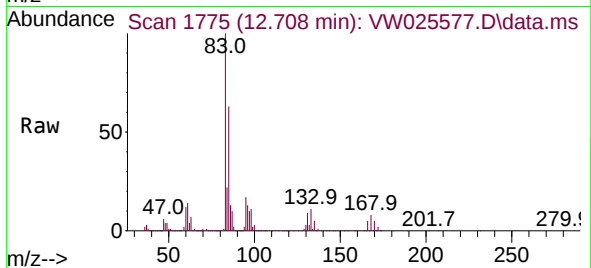




#57
1,1,2,2-Tetrachloroethane
Concen: 26.907 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

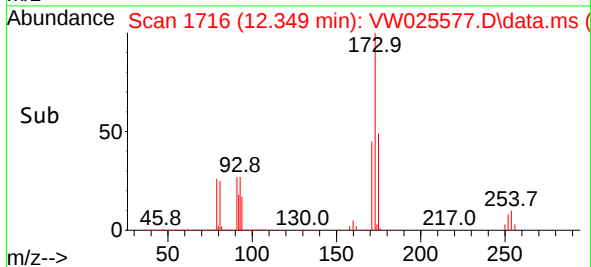
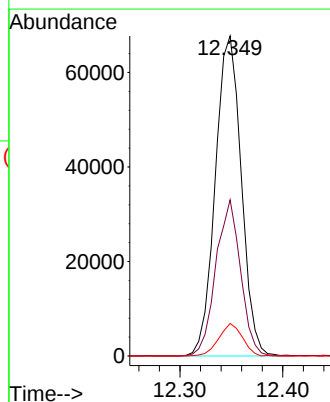
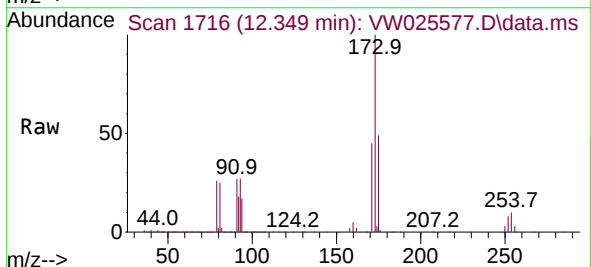
Instrument :
MSVOA_W
ClientSampleId :
VSTD025570

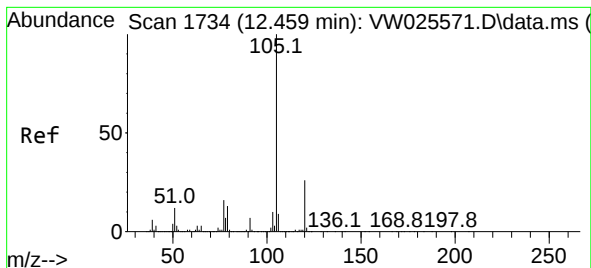
Tgt Ion: 83 Resp: 242355
Ion Ratio Lower Upper
83 100
85 63.3 43.5 80.7
131 8.8 7.0 10.4



#59
Bromoform
Concen: 26.746 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Tgt Ion: 173 Resp: 118851
Ion Ratio Lower Upper
173 100
175 46.4 36.1 54.1
254 9.2 7.0 10.6





#60

Isopropylbenzene

Concen: 24.109 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025577.D

Acq: 18 Apr 2023 16:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025570

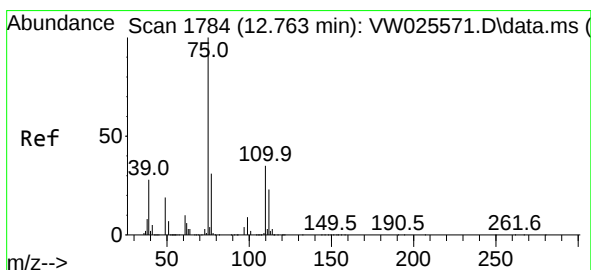
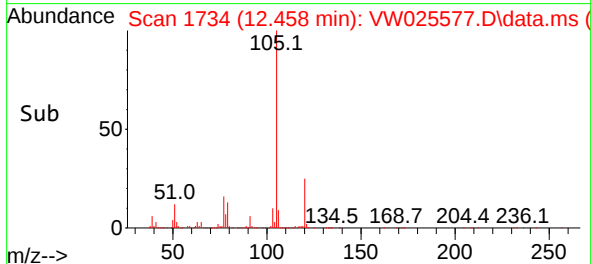
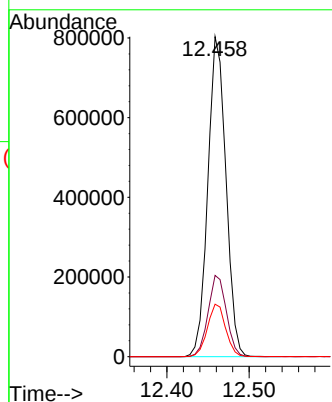
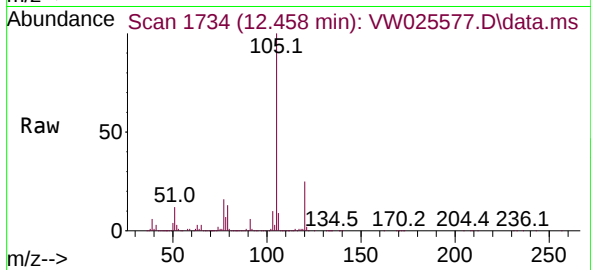
Tgt Ion:105 Resp: 1224701

Ion Ratio Lower Upper

105 100

120 25.7 20.1 30.1

77 16.6 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 25.807 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW025577.D

Acq: 18 Apr 2023 16:29

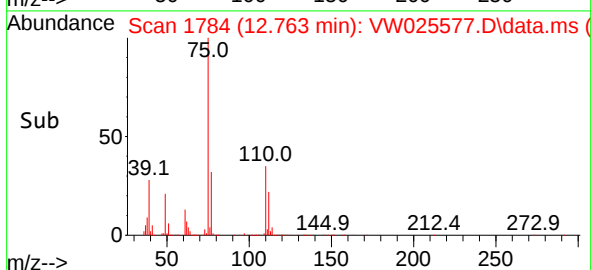
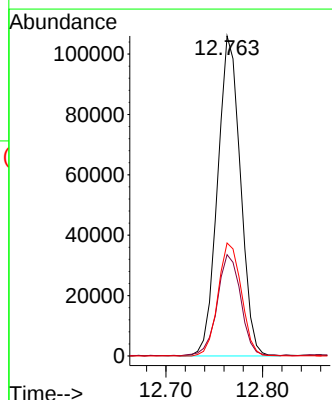
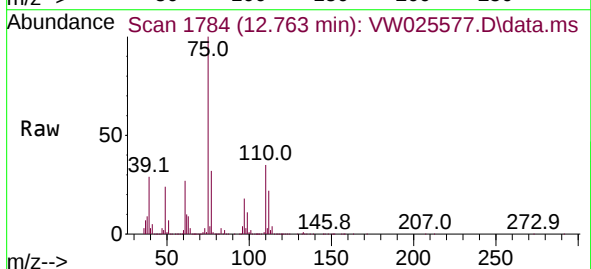
Tgt Ion: 75 Resp: 173453

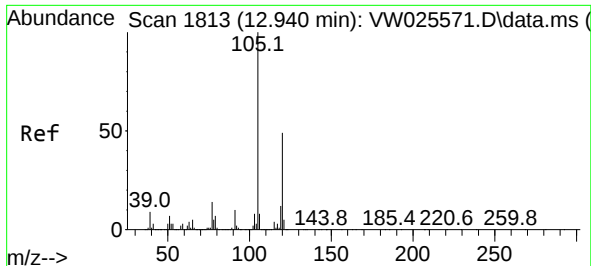
Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2

110 36.0 29.0 43.6

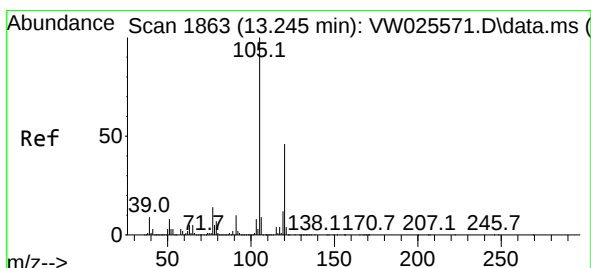
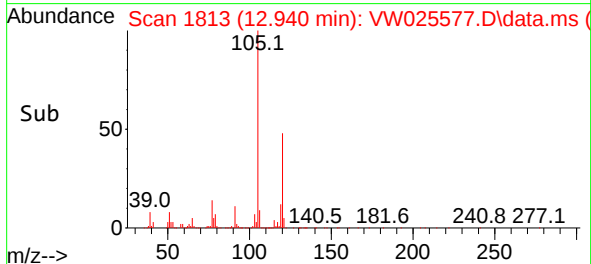
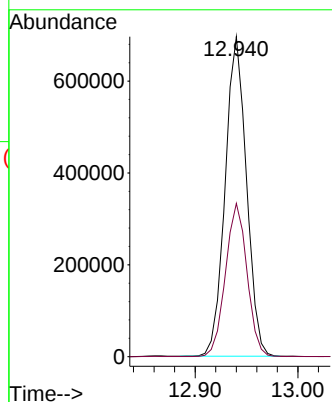
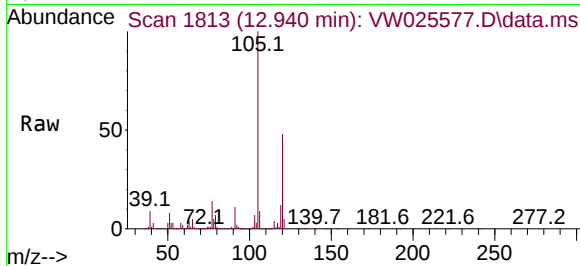




#62
1,3,5-Trimethylbenzene
Concen: 24.983 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

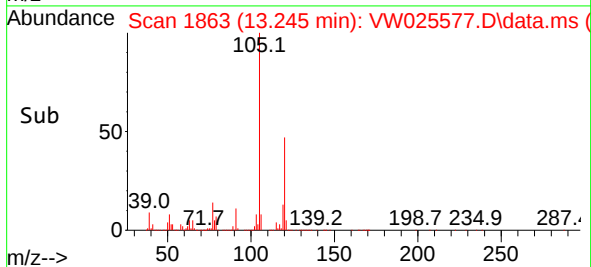
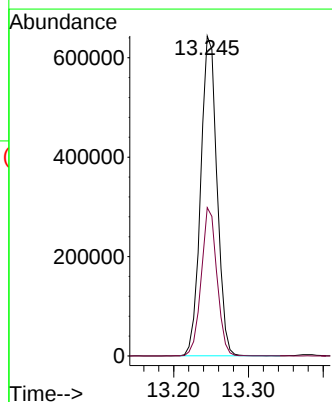
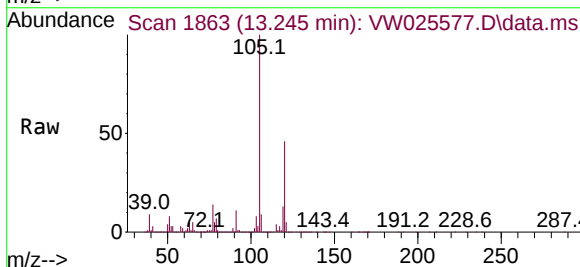
Instrument :
MSVOA_W
ClientSampleId :
VSTD025570

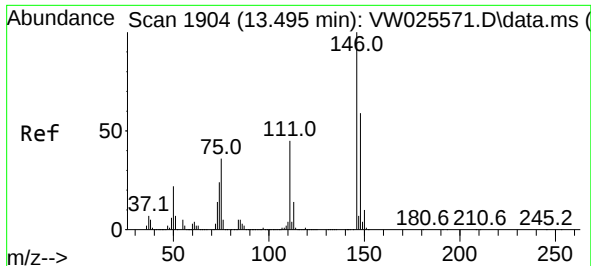
Tgt Ion:105 Resp: 1001823
Ion Ratio Lower Upper
105 100
120 48.4 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 25.178 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Tgt Ion:105 Resp: 972223
Ion Ratio Lower Upper
105 100
120 44.5 34.8 52.2

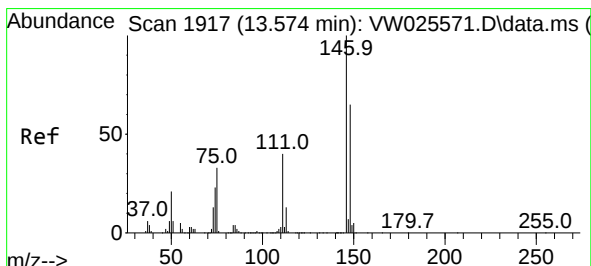
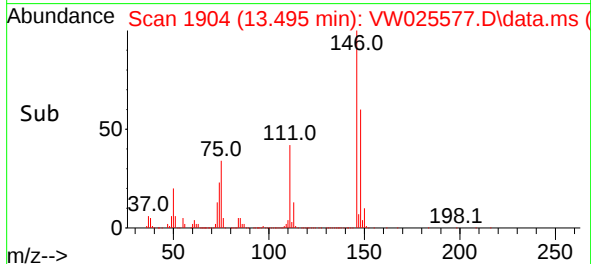
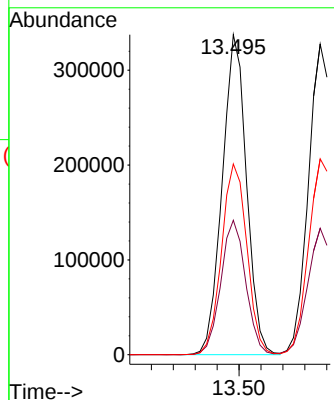
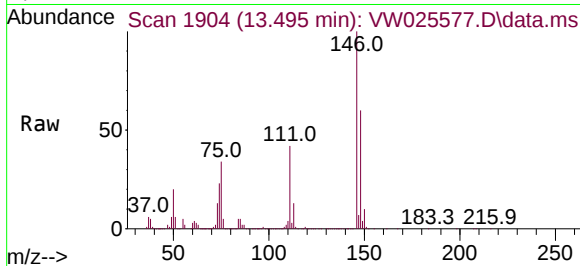




#64
1,3-Dichlorobenzene
Concen: 24.693 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

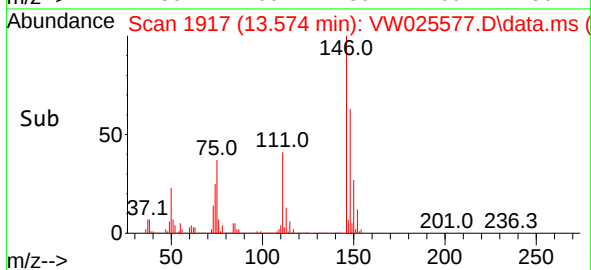
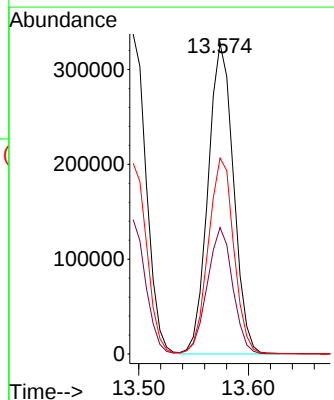
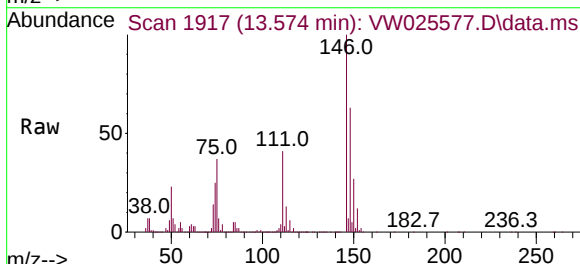
Instrument :
MSVOA_W
ClientSampleId :
VSTD025570

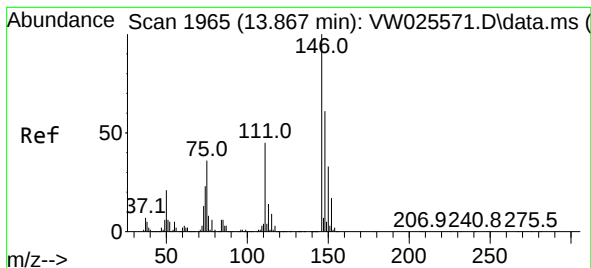
Tgt Ion:146 Resp: 519806
Ion Ratio Lower Upper
146 100
111 42.0 29.7 55.1
148 59.6 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 24.593 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Tgt Ion:146 Resp: 528715
Ion Ratio Lower Upper
146 100
111 40.7 30.4 56.5
148 63.1 48.6 90.3





#67

1,2-Dichlorobenzene

Concen: 24.340 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025577.D

Acq: 18 Apr 2023 16:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025570

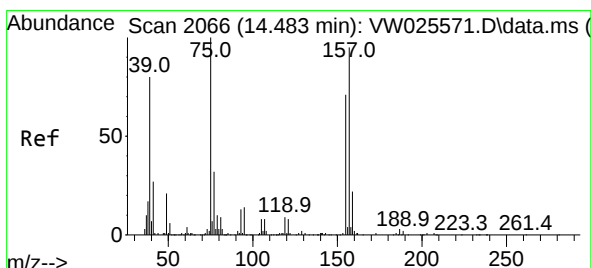
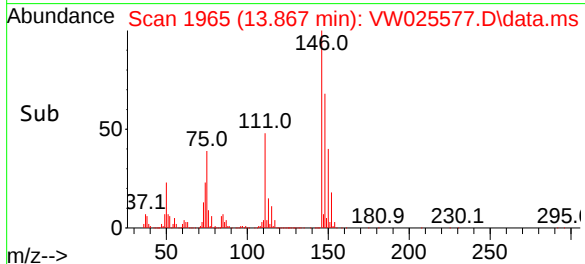
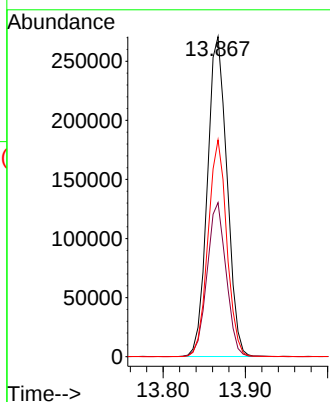
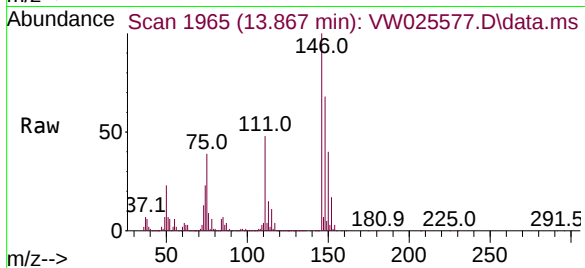
Tgt Ion:146 Resp: 449192

Ion Ratio Lower Upper

146 100

111 48.1 35.3 52.9

148 67.8 47.9 71.9



#68

1,2-Dibromo-3-chloropropane

Concen: 26.298 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW025577.D

Acq: 18 Apr 2023 16:29

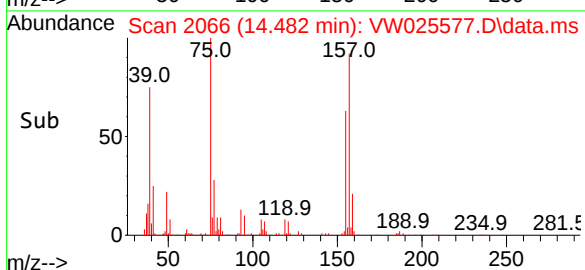
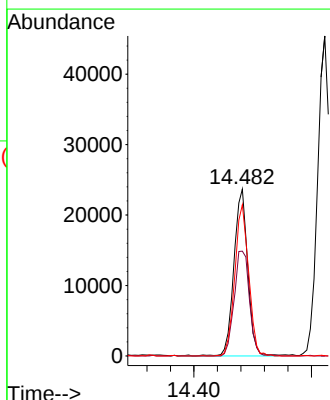
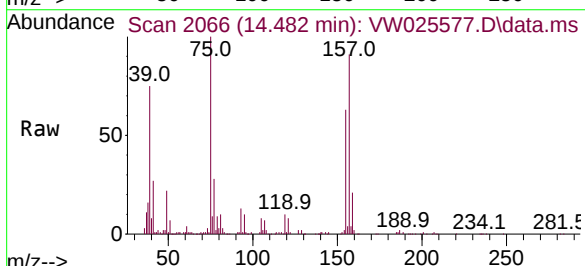
Tgt Ion: 75 Resp: 38773

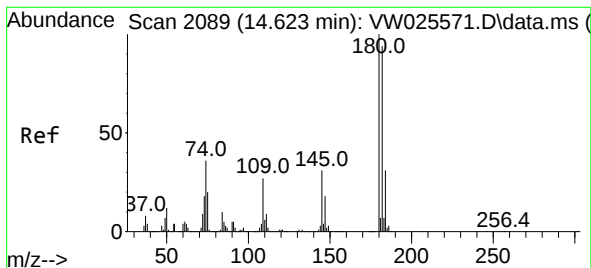
Ion Ratio Lower Upper

75 100

155 62.8 61.1 91.7

157 90.5 72.8 109.2





#69

1,3,5-Trichlorobenzene

Concen: 24.238 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025577.D

Acq: 18 Apr 2023 16:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025570

Tgt Ion:180 Resp: 341619

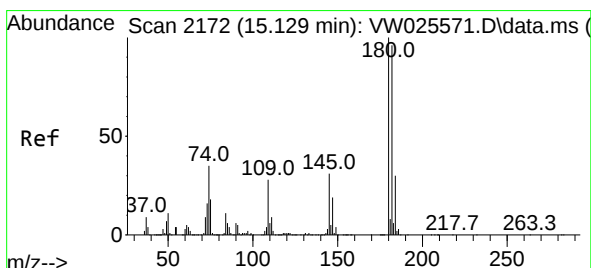
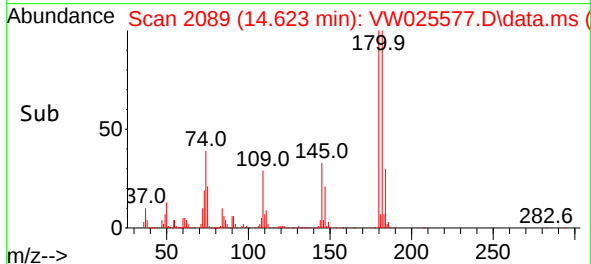
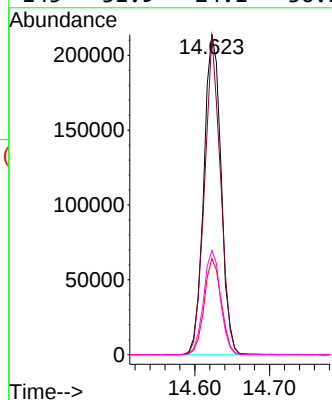
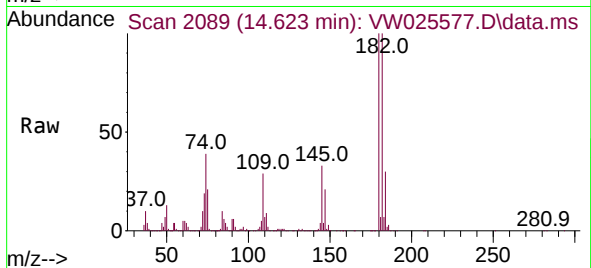
Ion Ratio Lower Upper

180 100

182 92.2 76.4 114.6

184 29.6 24.1 36.1

145 31.9 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 24.489 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025577.D

Acq: 18 Apr 2023 16:29

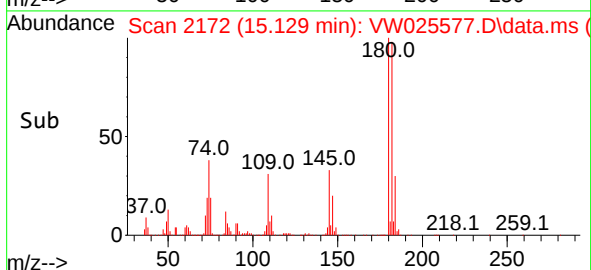
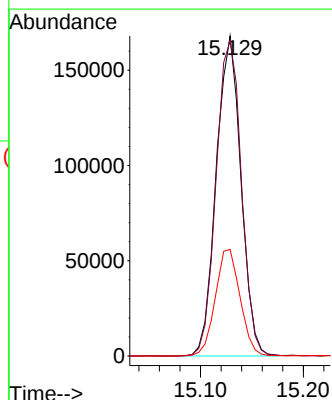
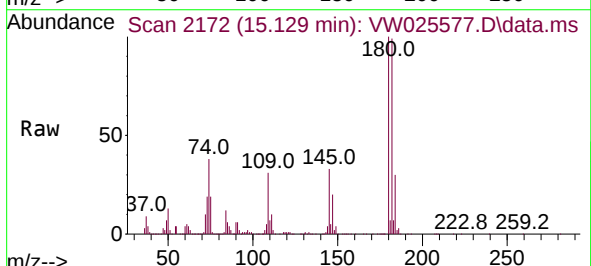
Tgt Ion:180 Resp: 280380

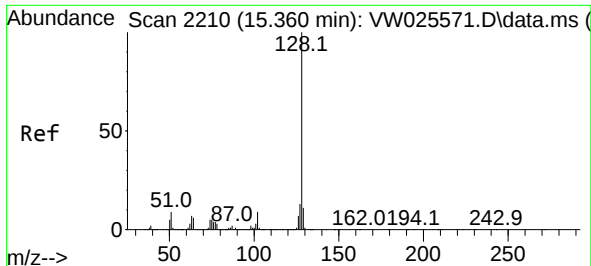
Ion Ratio Lower Upper

180 100

182 100.7 79.5 119.3

145 33.4 27.4 41.0

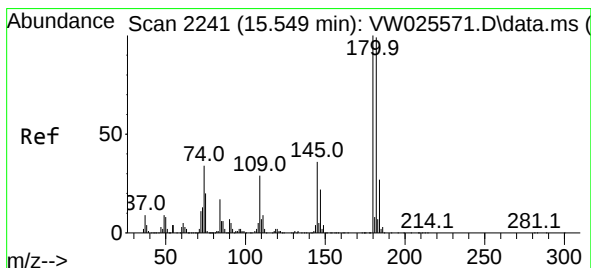
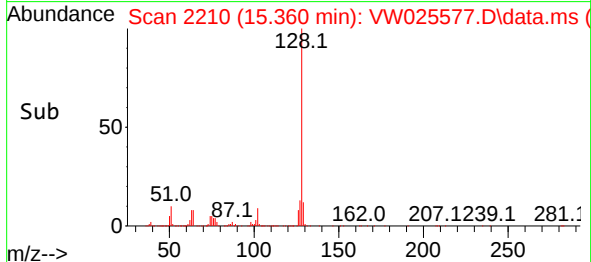
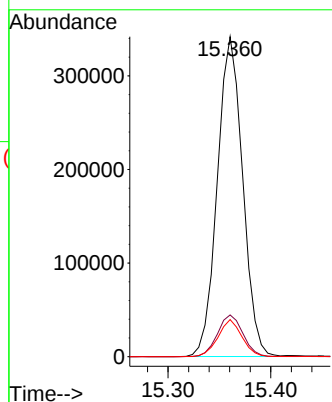
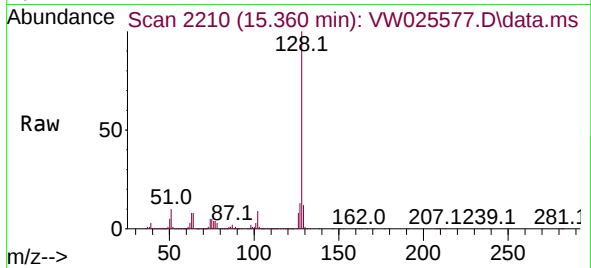




#71
Naphthalene
Concen: 27.403 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Instrument :
MSVOA_W
ClientSampleId :
VSTD025570

Tgt Ion:128 Resp: 585425
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.191 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW025577.D
Acq: 18 Apr 2023 16:29

Tgt Ion:180 Resp: 252165
Ion Ratio Lower Upper
180 100
182 97.1 72.9 109.3
145 34.7 27.0 40.6

