

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061223\
 Data File : VW026177.D
 Acq On : 12 Jun 2023 13:33
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.04g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025516

Quant Time: Jun 13 01:21:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 13 01:20:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	630695	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	563712	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	286631	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	234095	26.384	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.520%	
7) Chloroethane-d5	2.899	69	207153	31.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 124.760%	
11) 1,1-Dichloroethene-d2	4.027	65	120214	27.478	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 109.920%	
21) 2-Butanone-d5	7.075	46	162876	63.054	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 126.100%	
24) Chloroform-d	7.648	84	526015	28.481	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 113.920%	
26) 1,2-Dichloroethane-d4	8.301	65	289529	28.669	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 114.680%	
32) Benzene-d6	8.276	84	1033292	27.241	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 108.960%	
36) 1,2-Dichloropropane-d6	9.270	67	330127	27.472	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 109.880%	
41) Toluene-d8	10.319	98	910823	27.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 108.320%	
43) trans-1,3-Dichloroprop...	10.575	79	125569	26.369	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 105.480%	
47) 2-Hexanone-d5	10.922	63	113675	59.992	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 119.980%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	251025	28.706	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 114.840%	
66) 1,2-Dichlorobenzene-d4	13.849	152	282392	25.740	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	199073	25.748	ug/L	91
3) Chloromethane	2.223	50	268011	27.035	ug/L	95
5) Vinyl chloride	2.375	62	291886	27.545	ug/L	99
6) Bromomethane	2.783	94	164104	28.407	ug/L	98
8) Chloroethane	2.930	64	176268	30.782	ug/L	100
9) Trichlorofluoromethane	3.265	101	173405	25.436	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	227880	26.491	ug/L	99
12) 1,1-Dichloroethene	4.045	96	212910	26.514	ug/L	95
13) Acetone	4.119	43	97938	49.000	ug/L	97
14) Carbon disulfide	4.393	76	696991	24.588	ug/L	99
15) Methyl Acetate	4.667	43	122582	27.326	ug/L	100
16) Methylene chloride	4.917	84	250207	24.856	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	233165	25.880	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	368953	25.983	ug/L	99
19) 1,1-Dichloroethane	6.216	63	490019	26.716	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	257477	26.980	ug/L	96
22) 2-Butanone	7.167	43	156774	54.986	ug/L	99
23) Bromochloromethane	7.514	128	106268	26.110	ug/L	96
25) Chloroform	7.673	83	460042	26.929	ug/L	98

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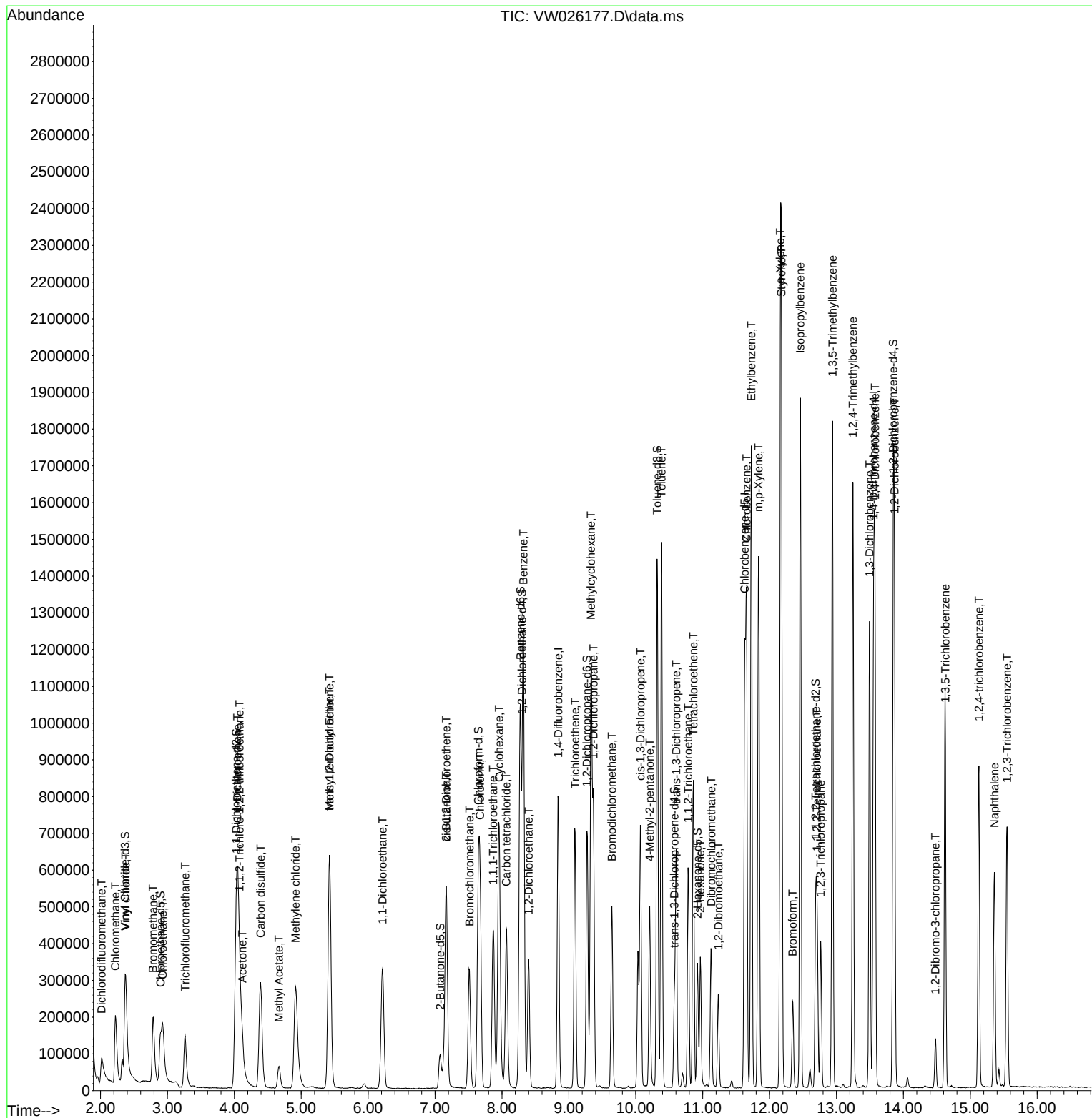
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	320739	27.222	ug/L	97
29) Cyclohexane	7.959	56	439831	25.273	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	359361	26.269	ug/L	99
31) Carbon tetrachloride	8.063	117	324304	25.979	ug/L	99
33) Benzene	8.319	78	1019089	26.390	ug/L	100
34) Trichloroethene	9.093	95	256201	25.910	ug/L	95
35) Methylcyclohexane	9.331	83	447143	25.555	ug/L	100
37) 1,2-Dichloropropane	9.368	63	275827	26.371	ug/L	99
38) Bromodichloromethane	9.642	83	327374	26.941	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	413093	26.876	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	346926	56.260	ug/L	99
42) Toluene	10.386	91	1044009	26.432	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	337731	26.375	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	179016	25.969	ug/L	98
46) Tetrachloroethene	10.861	164	171102	24.464	ug/L	95
48) 2-Hexanone	10.965	43	240117	55.225	ug/L	97
49) Dibromochloromethane	11.130	129	197505	27.327	ug/L	96
50) 1,2-Dibromoethane	11.233	107	164883	25.833	ug/L	93
51) Chlorobenzene	11.654	112	624707	25.240	ug/L	96
52) Ethylbenzene	11.727	91	1184607	26.587	ug/L	96
53) m,p-Xylene	11.837	106	436547	26.337	ug/L	99
54) o-Xylene	12.160	106	414260	26.480	ug/L	96
55) Styrene	12.178	104	718698	26.778	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	222230	26.639	ug/L	97
59) Bromoform	12.343	173	104264	24.219	ug/L	99
60) Isopropylbenzene	12.459	105	1138308	25.280	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	162014	25.234	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	920125	25.706	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	845962	25.804	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	472772	24.972	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	473990	24.867	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	419331	24.665	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	35159	23.636	ug/L #	91
69) 1,3,5-Trichlorobenzene	14.629	180	295999	22.760	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	253381	23.611	ug/L	94
71) Naphthalene	15.360	128	478107	24.998	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	221606	23.629	ug/L	99

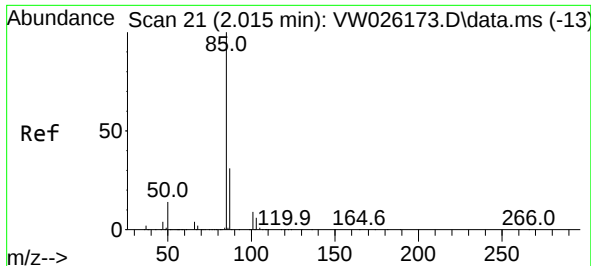
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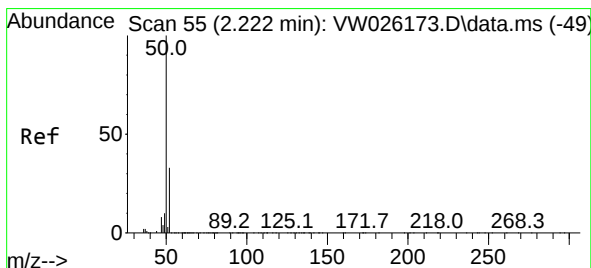
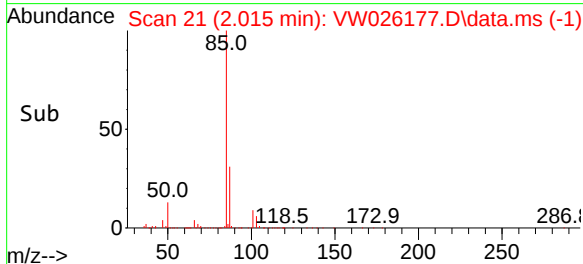
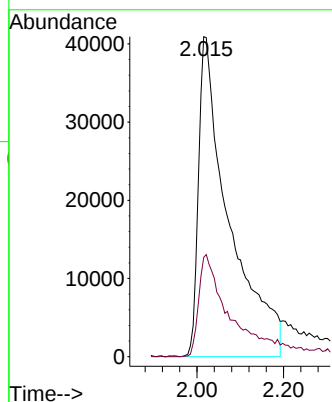
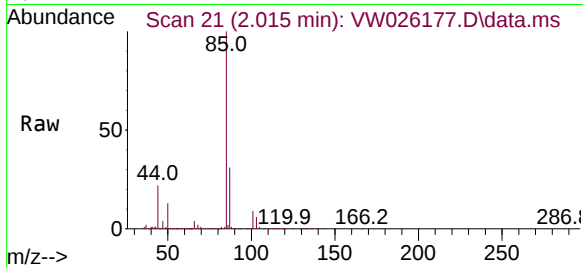




#2
 Dichlorodifluoromethane
 Concen: 25.748 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026177.D
 Acq: 12 Jun 2023 13:33

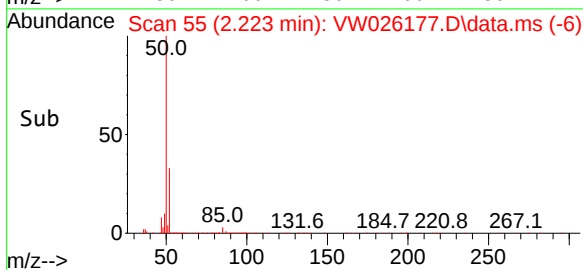
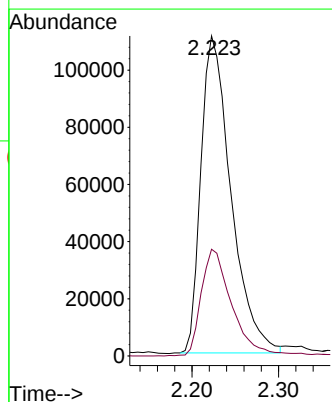
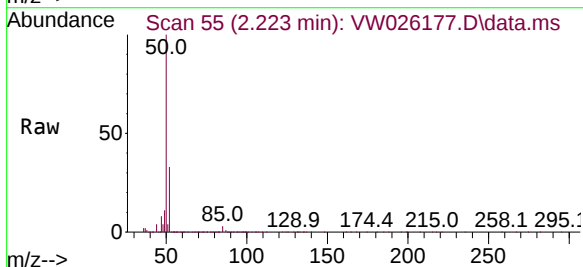
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 MSVOA_W
 ClientSampleId :
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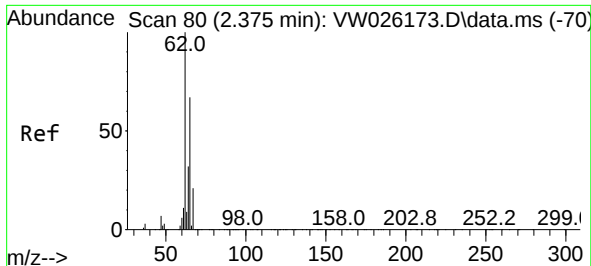
Tgt Ion: 85 Resp: 199073
 Ion Ratio Lower Upper
 85 100
 87 23.0 22.2 33.2



#3
 Chloromethane
 Concen: 27.035 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026177.D
 Acq: 12 Jun 2023 13:33

Tgt Ion: 50 Resp: 268011
 Ion Ratio Lower Upper
 50 100
 52 33.3 21.3 39.6

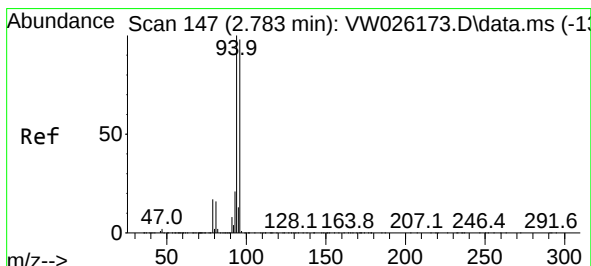
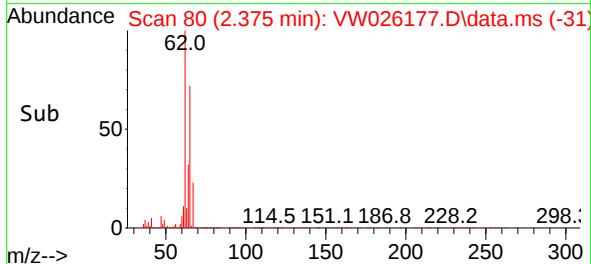
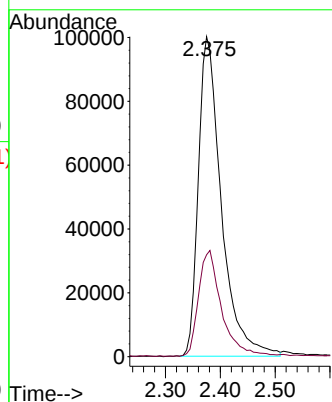
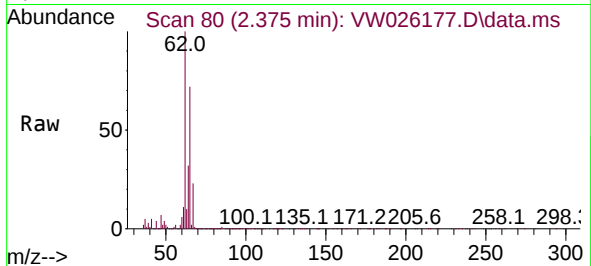




#5
 Vinyl chloride
 Concen: 27.545 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026177.D
 Acq: 12 Jun 2023 13:33

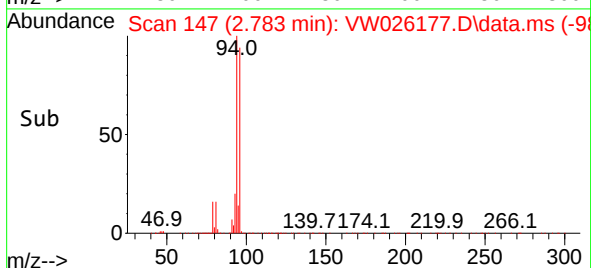
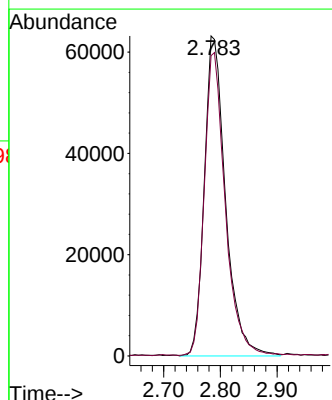
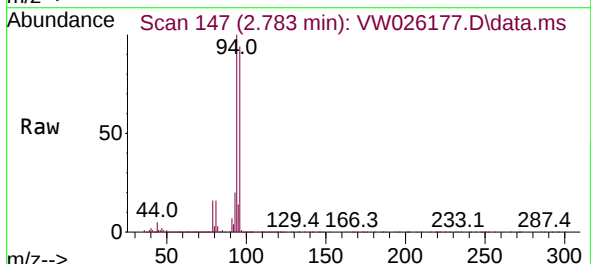
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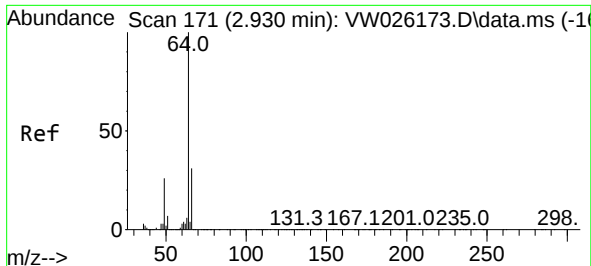
Tgt Ion: 62 Resp: 291886
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.7 42.1



#6
 Bromomethane
 Concen: 28.407 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026177.D
 Acq: 12 Jun 2023 13:33

Tgt Ion: 94 Resp: 164104
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.2 119.2

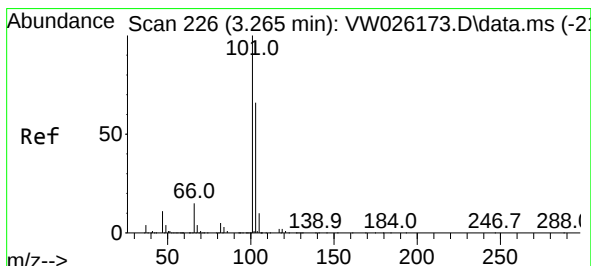
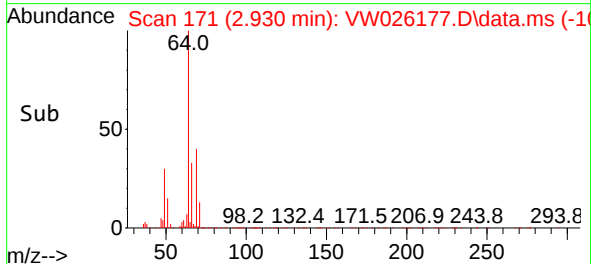
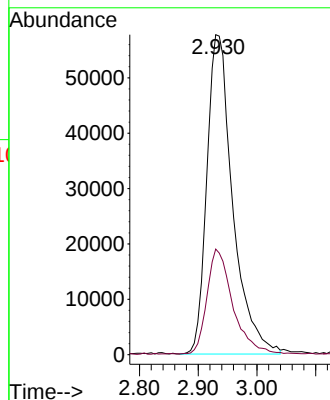
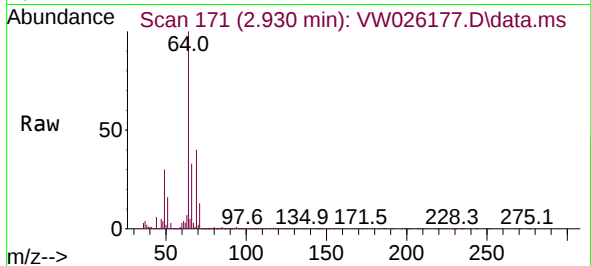




#8
Chloroethane
Concen: 30.782 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

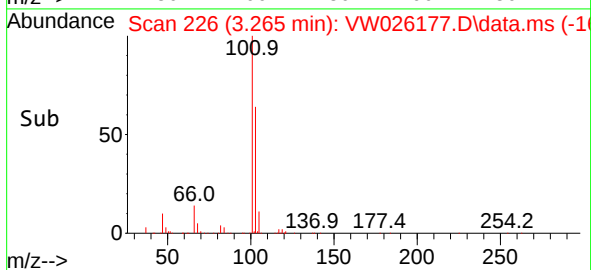
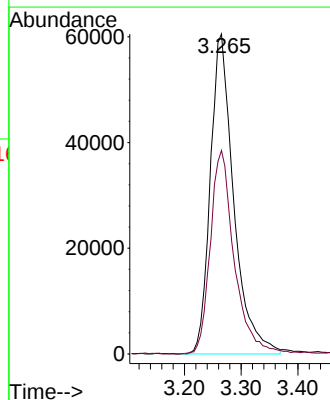
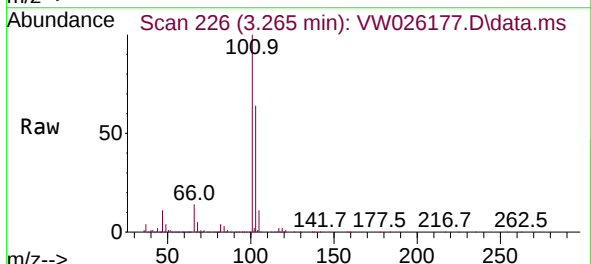
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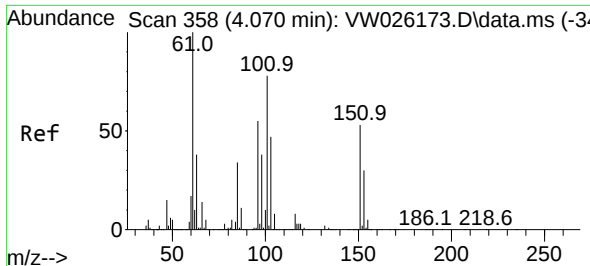
Tgt Ion: 64 Resp: 176268
Ion Ratio Lower Upper
64 100
66 33.0 23.2 43.2



#9
Trichlorofluoromethane
Concen: 25.436 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

Tgt Ion: 101 Resp: 173405
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4

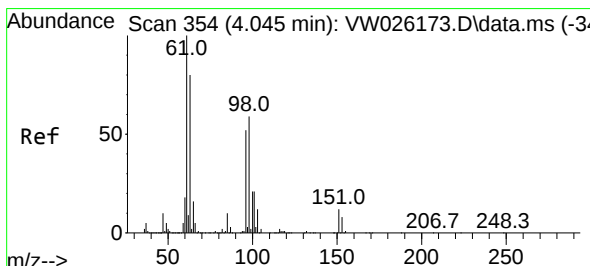
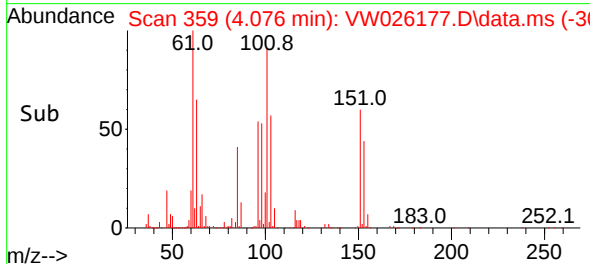
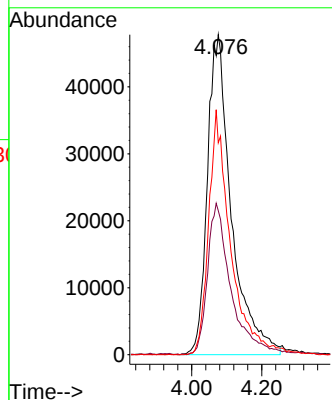
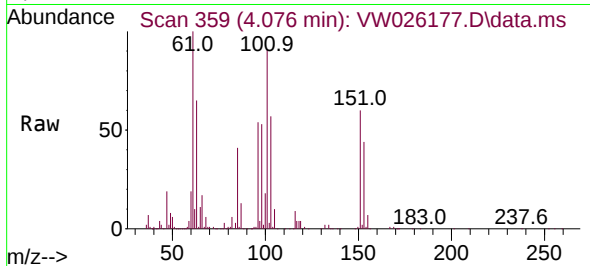




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.491 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW026177.D
 Acq: 12 Jun 2023 13:33

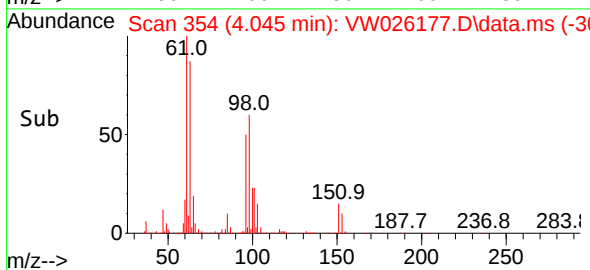
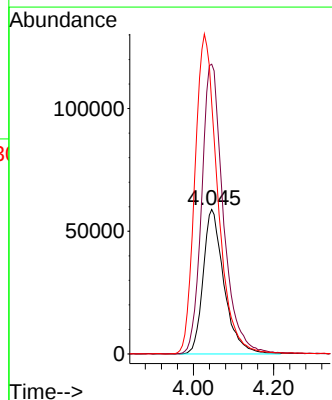
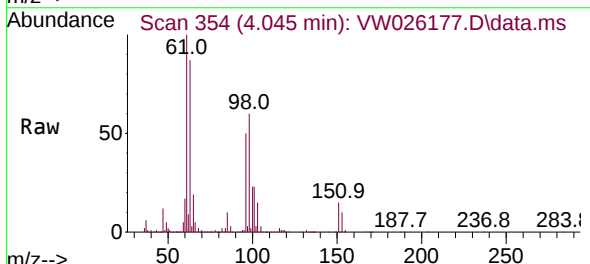
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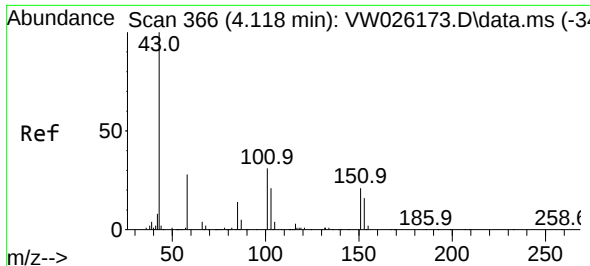
Tgt Ion:101 Resp: 227880
 Ion Ratio Lower Upper
 101 100
 85 46.1 36.1 54.1
 151 68.3 55.1 82.7



#12
 1,1-Dichloroethene
 Concen: 26.514 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026177.D
 Acq: 12 Jun 2023 13:33

Tgt Ion: 96 Resp: 212910
 Ion Ratio Lower Upper
 96 100
 61 200.4 140.6 261.0
 63 173.5 131.7 244.5

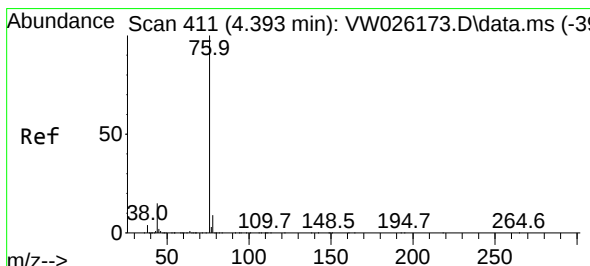
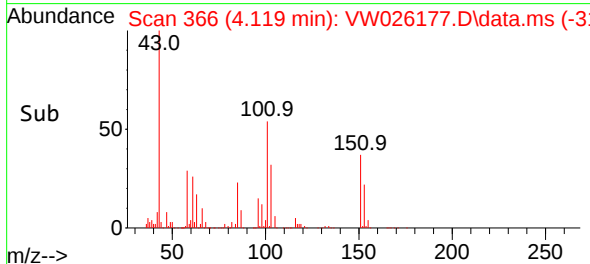
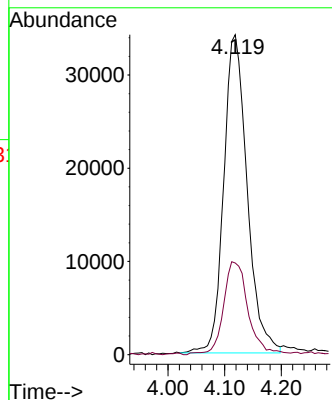
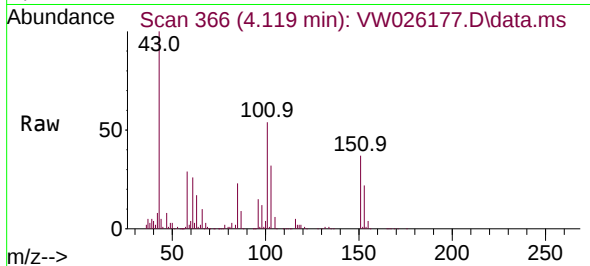




#13
Acetone
Concen: 49.000 ug/L
RT: 4.119 min Scan# 30
Delta R.T. 0.000 min
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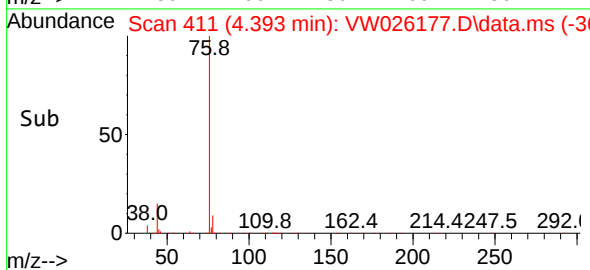
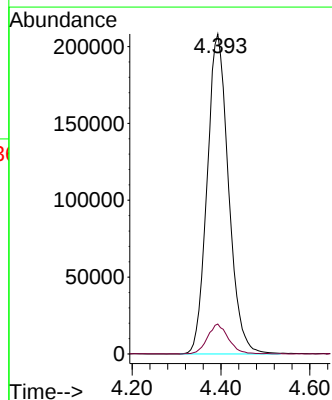
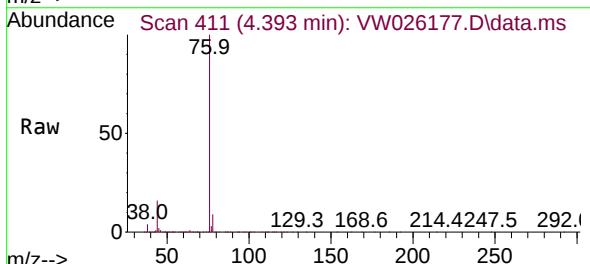
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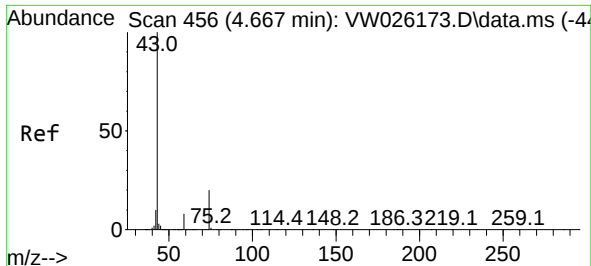
Tgt Ion: 43 Resp: 97938
Ion Ratio Lower Upper
43 100
58 30.7 0.0 58.2



#14
Carbon disulfide
Concen: 24.588 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 696991
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

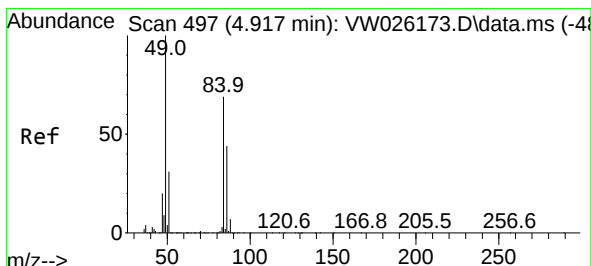
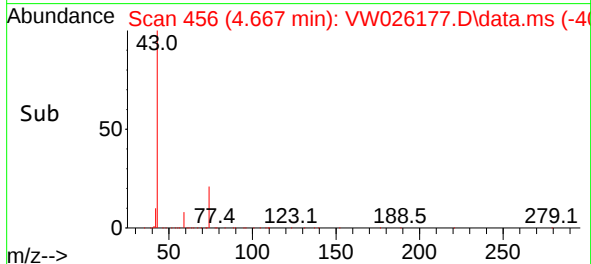
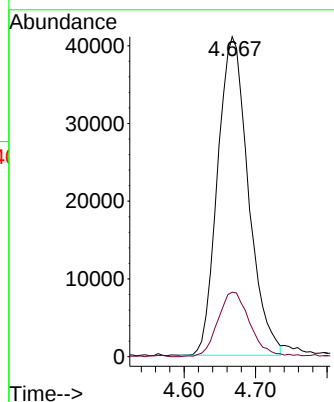
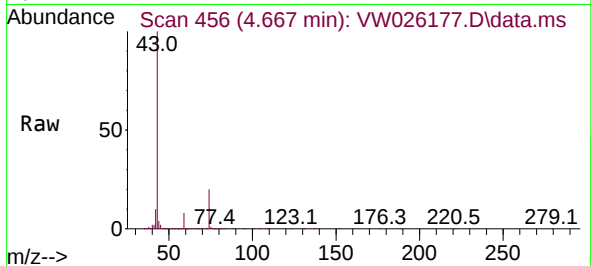




#15
Methyl Acetate
Concen: 27.326 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

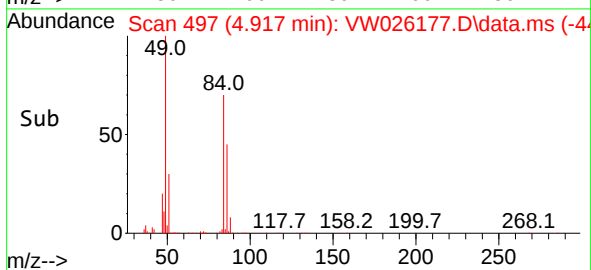
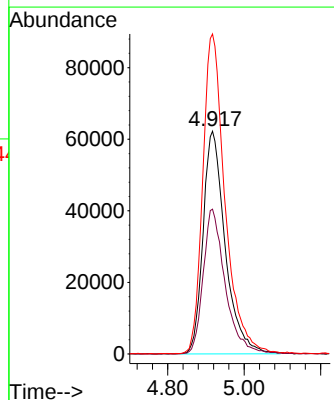
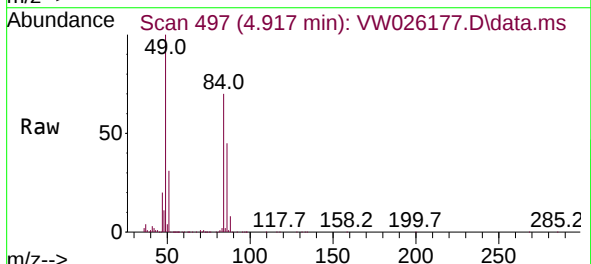
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

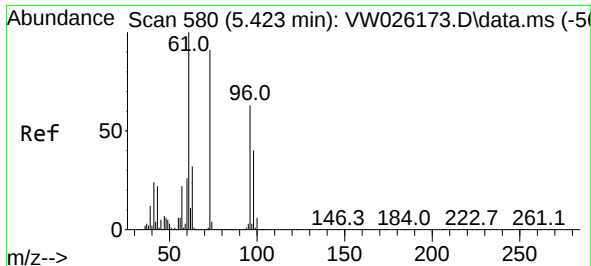
Tgt Ion: 43 Resp: 122582
Ion Ratio Lower Upper
43 100
74 20.8 16.6 25.0



#16
Methylene chloride
Concen: 24.856 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

Tgt Ion: 84 Resp: 250207
Ion Ratio Lower Upper
84 100
86 65.0 44.2 82.0
49 143.6 98.8 183.6

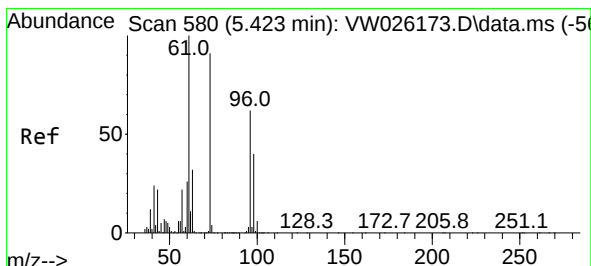
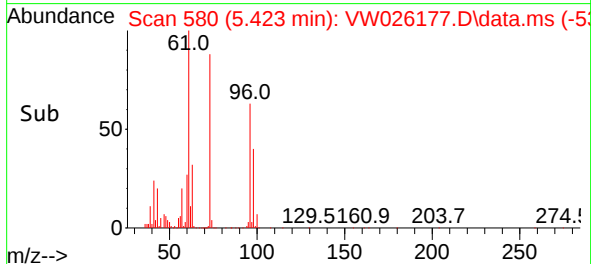
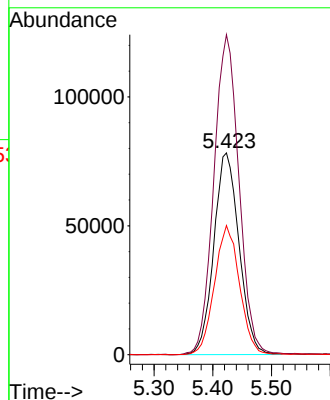
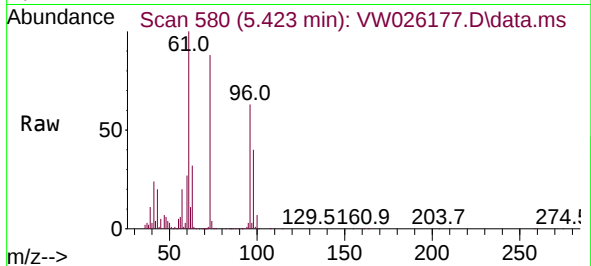




#17
trans-1,2-Dichloroethene
Concen: 25.880 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

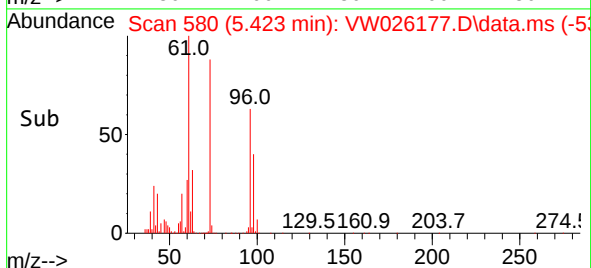
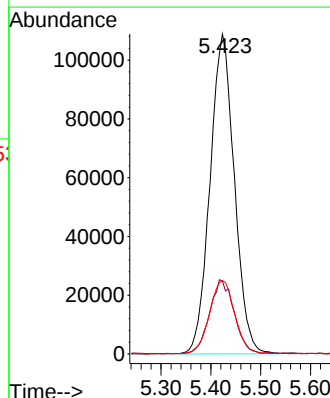
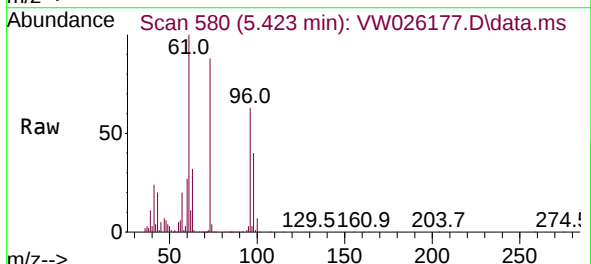
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

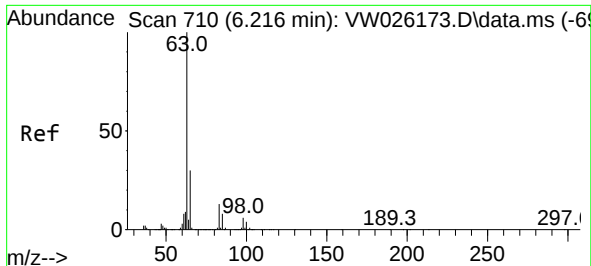
Tgt Ion: 96 Resp: 233165
Ion Ratio Lower Upper
96 100
61 158.6 113.0 209.8
98 64.0 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 25.983 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

Tgt Ion: 73 Resp: 368953
Ion Ratio Lower Upper
73 100
43 23.3 17.8 26.6
57 23.6 18.9 28.3





#19

1,1-Dichloroethane

Concen: 26.716 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025516

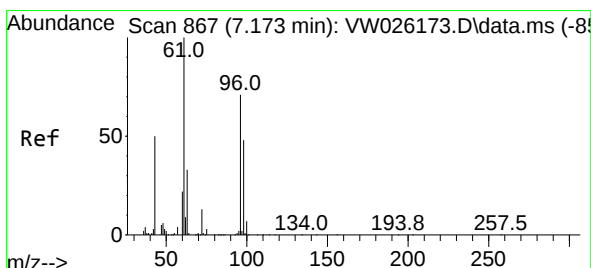
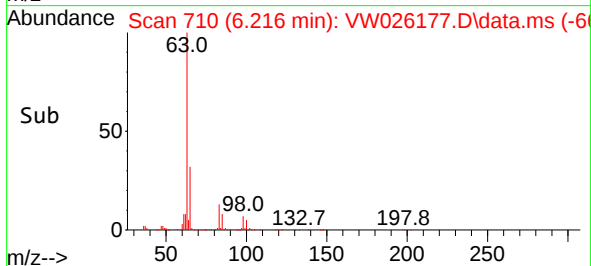
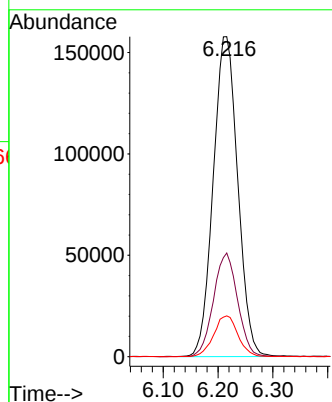
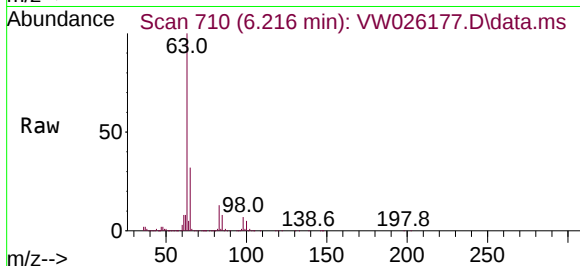
Tgt Ion: 63 Resp: 490019

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.5

83 12.8 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 26.980 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

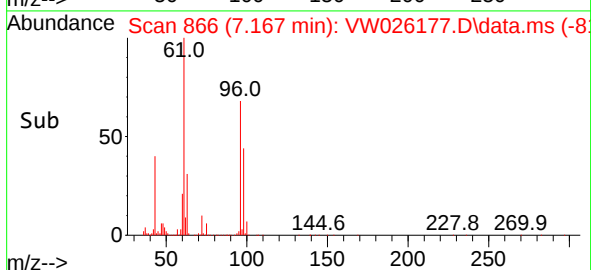
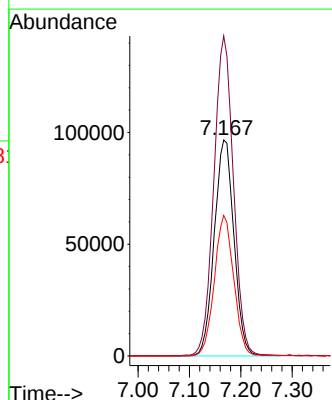
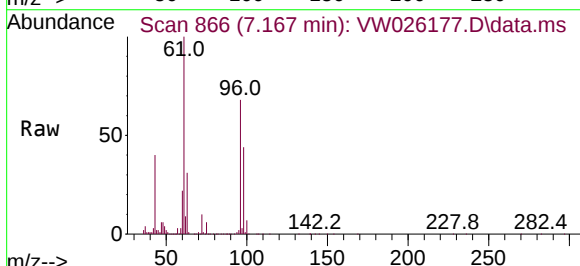
Tgt Ion: 96 Resp: 257477

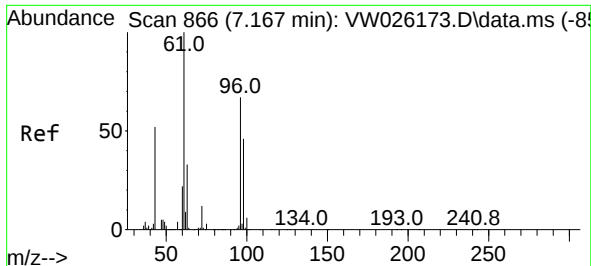
Ion Ratio Lower Upper

96 100

61 148.1 98.4 182.8

98 65.1 45.2 84.0

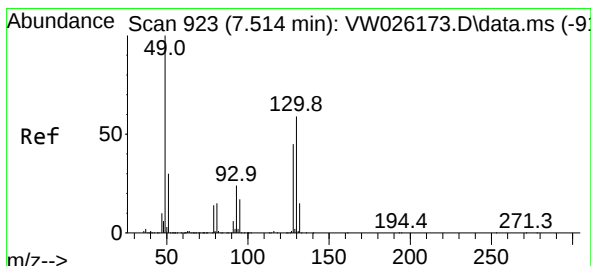
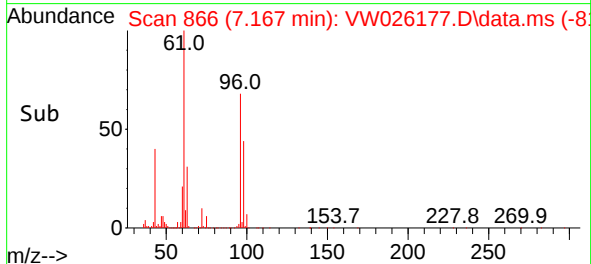
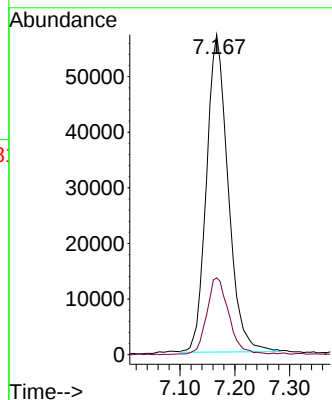
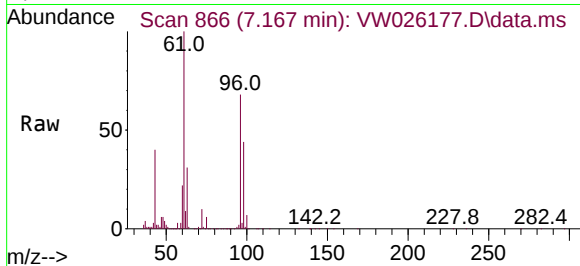




#22
2-Butanone
Concen: 54.986 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

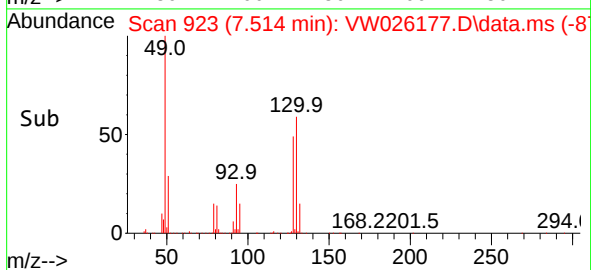
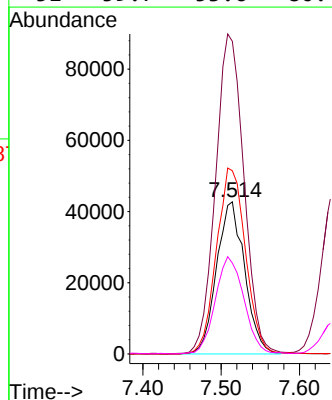
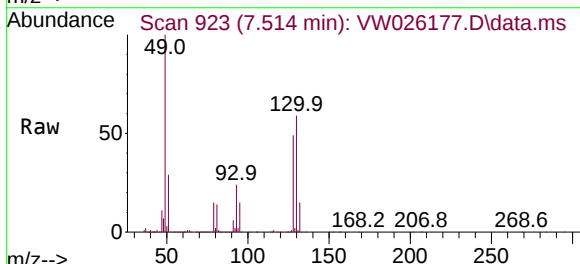
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

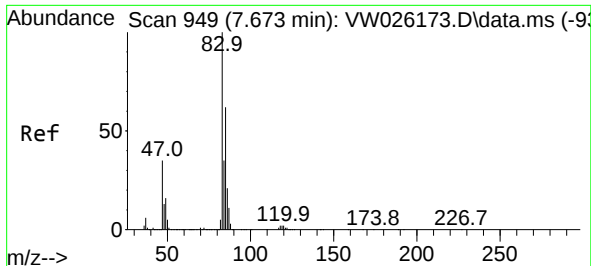
Tgt Ion: 43 Resp: 156774
Ion Ratio Lower Upper
43 100
72 24.3 12.4 37.4



#23
Bromochloromethane
Concen: 26.110 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

Tgt Ion: 128 Resp: 106268
Ion Ratio Lower Upper
128 100
49 205.5 140.6 261.0
130 120.4 86.0 159.6
51 59.7 53.6 80.4

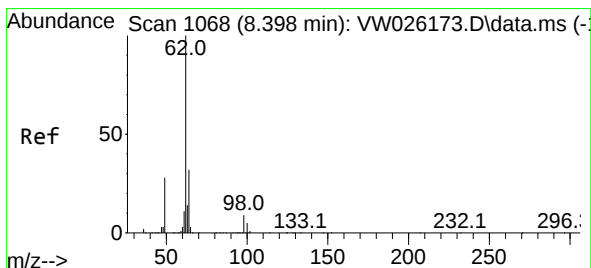
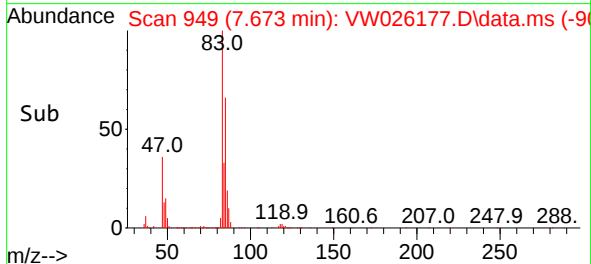
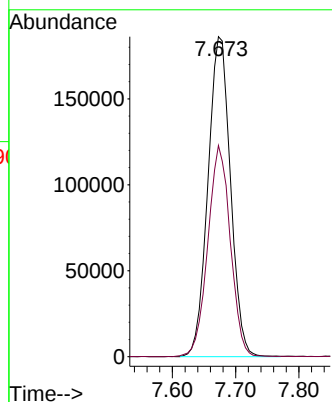
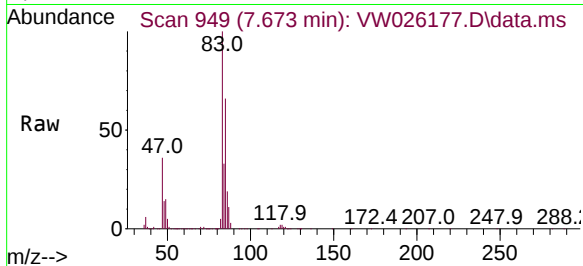




#25
Chloroform
Concen: 26.929 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

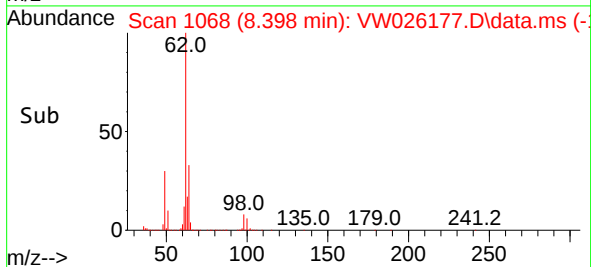
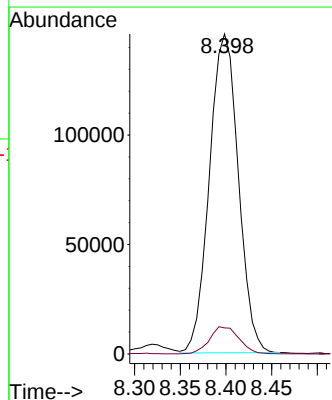
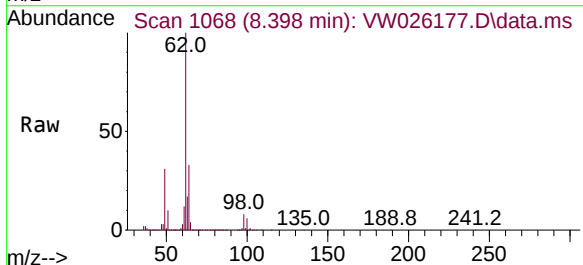
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

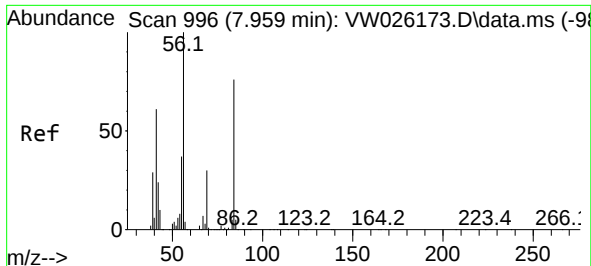
Tgt Ion: 83 Resp: 460042
Ion Ratio Lower Upper
83 100
85 66.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 27.222 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

Tgt Ion: 62 Resp: 320739
Ion Ratio Lower Upper
62 100
98 8.1 7.4 11.2

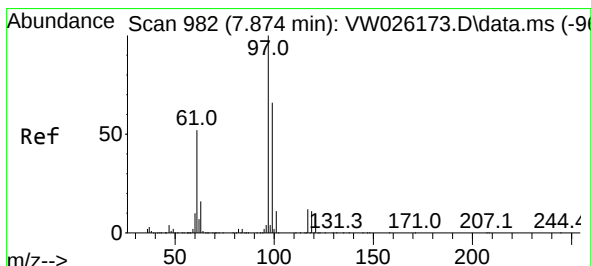
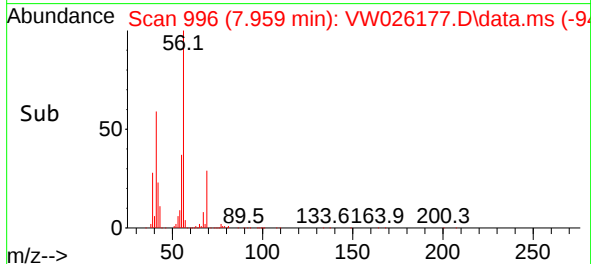
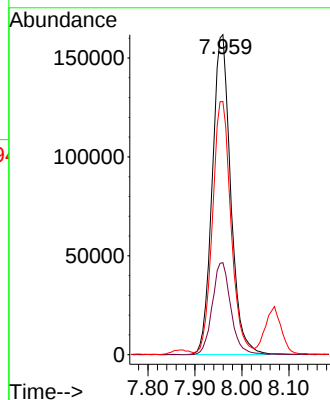
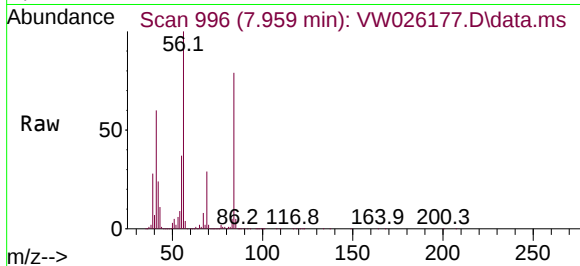




#29
Cyclohexane
Concen: 25.273 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

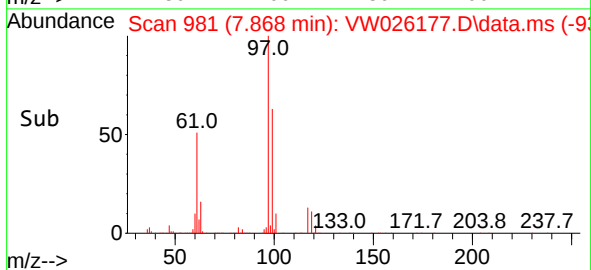
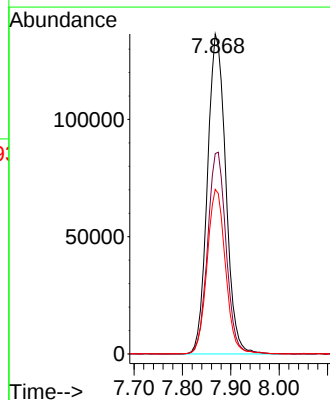
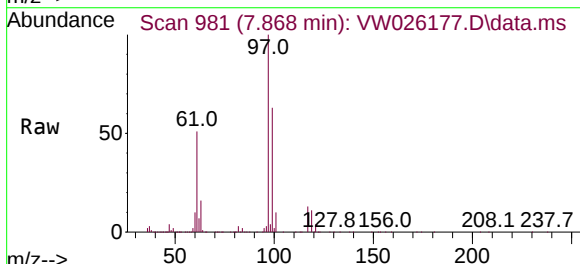
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

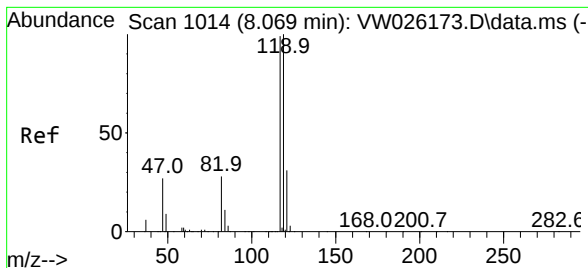
Tgt Ion: 56 Resp: 439831
Ion Ratio Lower Upper
56 100
69 28.9 23.3 34.9
84 79.4 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 26.269 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

Tgt Ion: 97 Resp: 359361
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 51.5 40.5 60.7

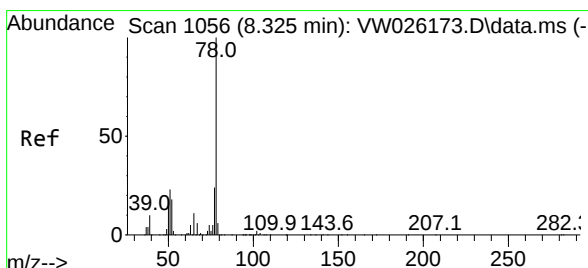
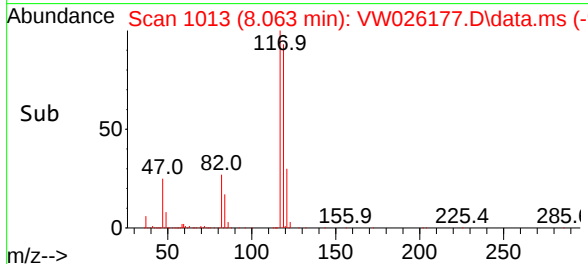
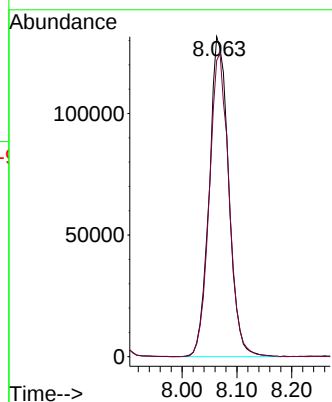
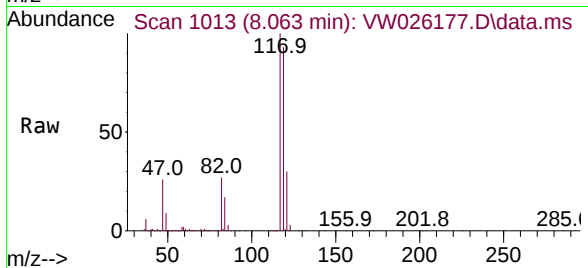




#31
Carbon tetrachloride
Concen: 25.979 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

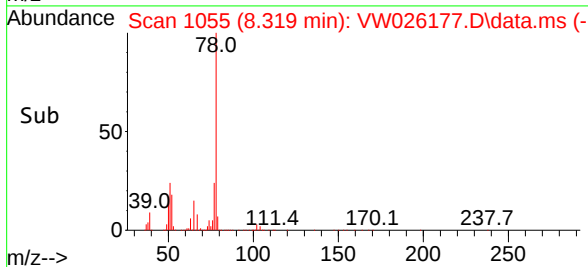
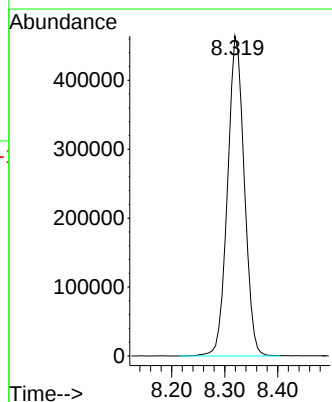
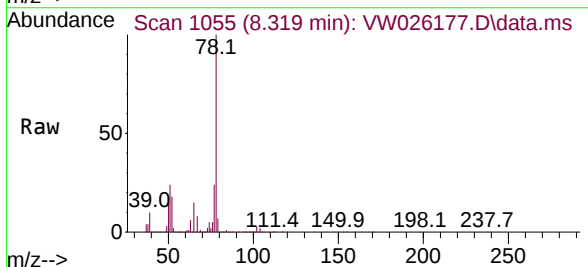
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

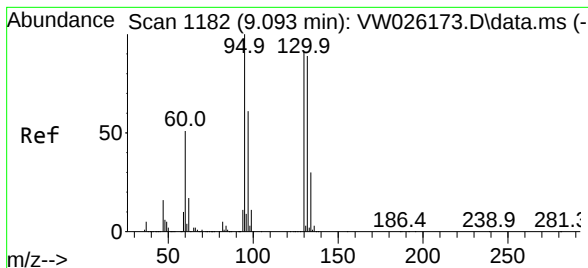
Tgt Ion:117 Resp: 324304
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.2



#33
Benzene
Concen: 26.390 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

Tgt Ion: 78 Resp: 1019089





#34

Trichloroethene

Concen: 25.910 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025516

Tgt Ion: 95 Resp: 256201

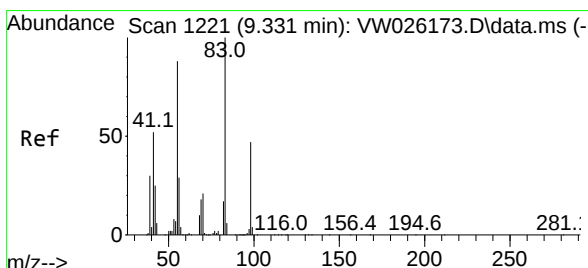
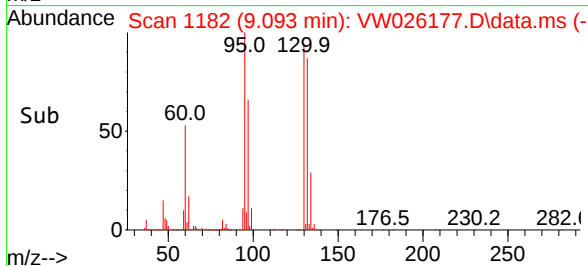
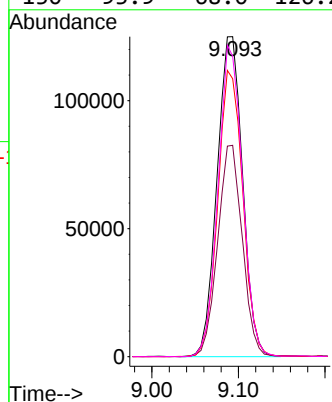
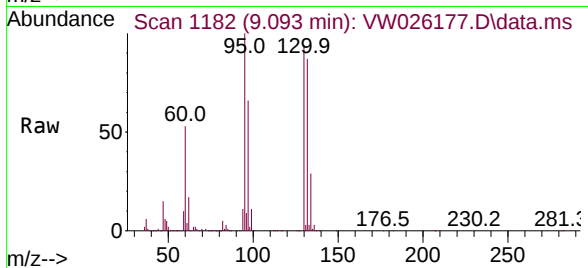
Ion Ratio Lower Upper

95 100

97 66.0 45.9 85.3

132 86.9 67.1 124.7

130 93.9 68.0 126.2



#35

Methylcyclohexane

Concen: 25.555 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

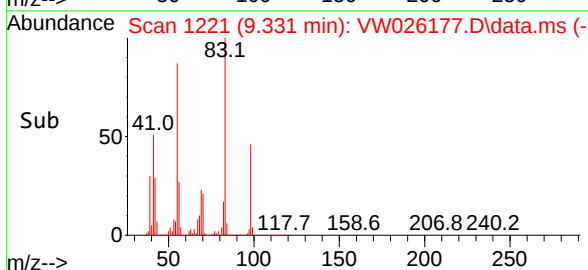
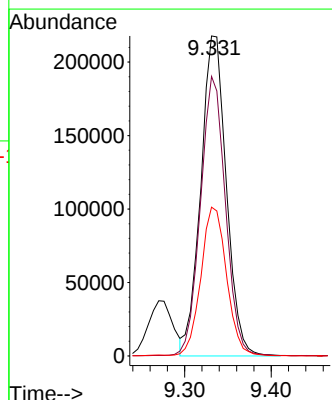
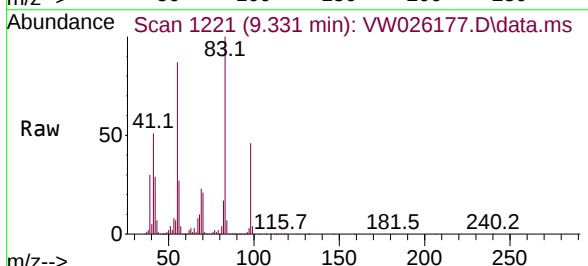
Tgt Ion: 83 Resp: 447143

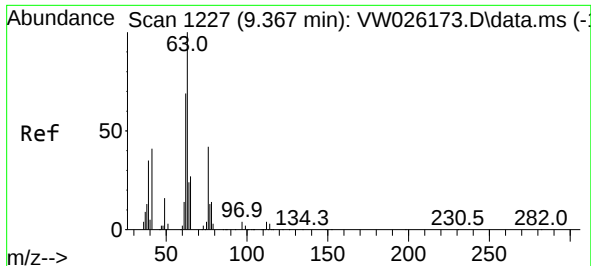
Ion Ratio Lower Upper

83 100

55 85.4 68.2 102.4

98 46.8 38.1 57.1





#37

1,2-Dichloropropane

Concen: 26.371 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

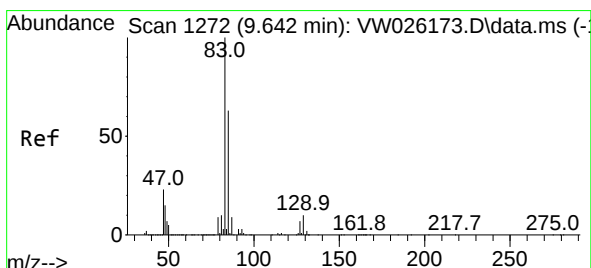
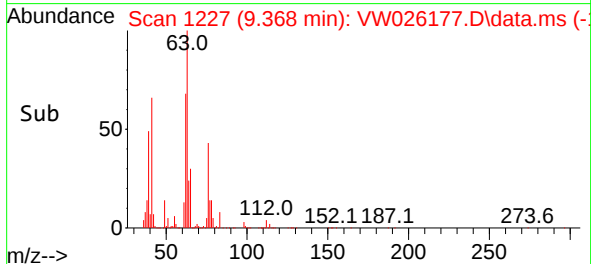
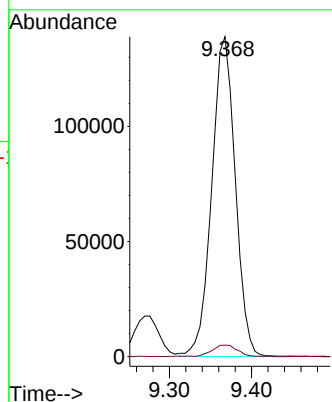
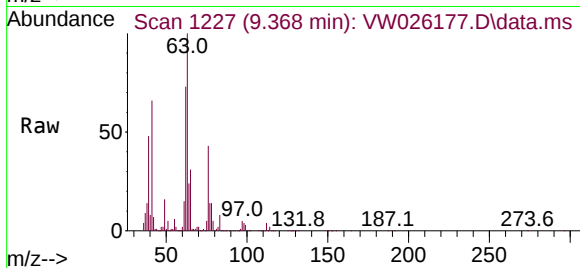
VSTD025516

Tgt Ion: 63 Resp: 275827

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 26.941 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

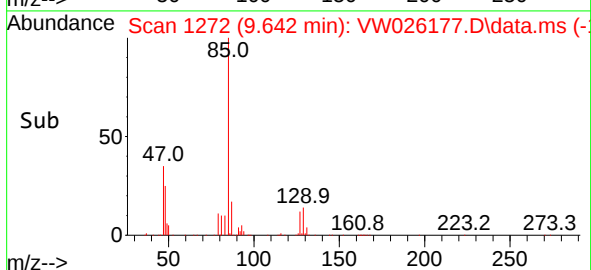
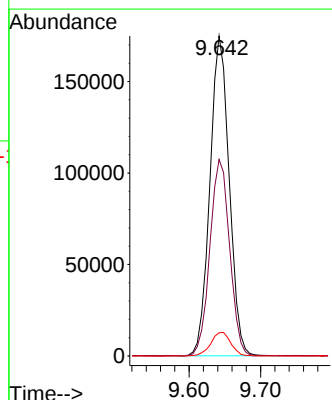
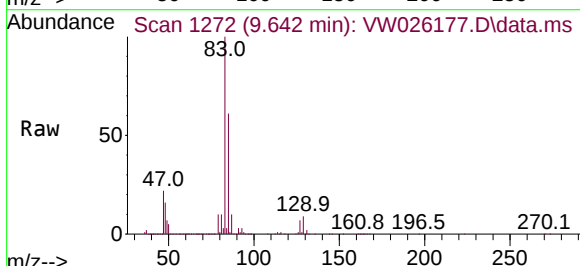
Tgt Ion: 83 Resp: 327374

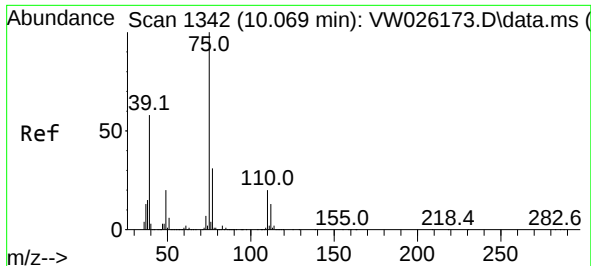
Ion Ratio Lower Upper

83 100

85 61.4 44.2 82.0

127 7.3 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 26.876 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

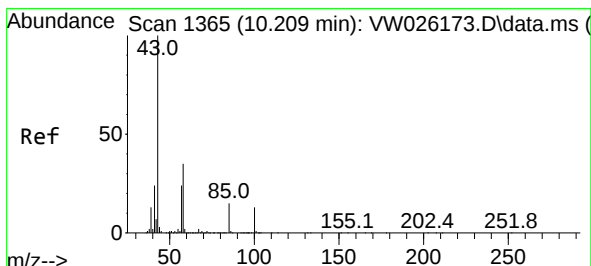
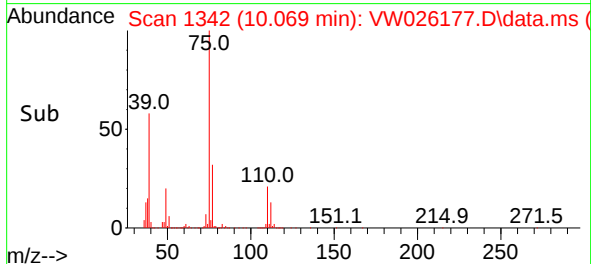
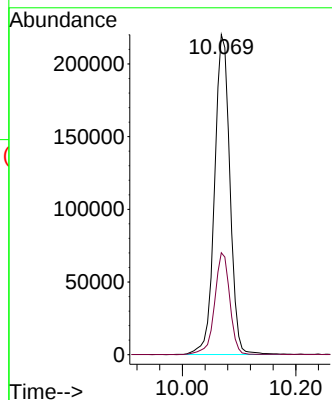
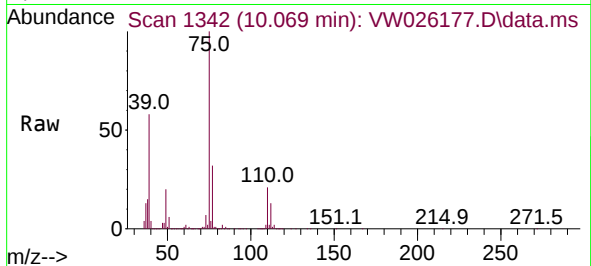
VSTD025516

Tgt Ion: 75 Resp: 413093

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 56.260 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

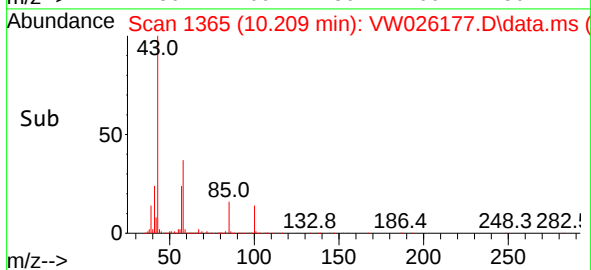
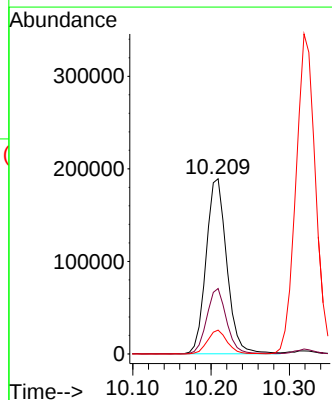
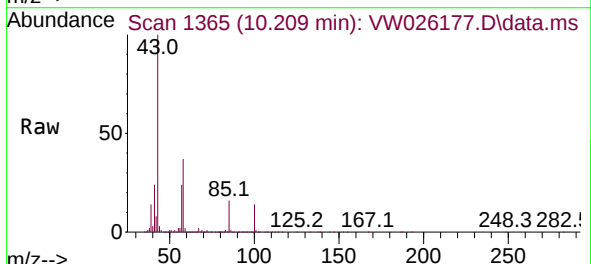
Tgt Ion: 43 Resp: 346926

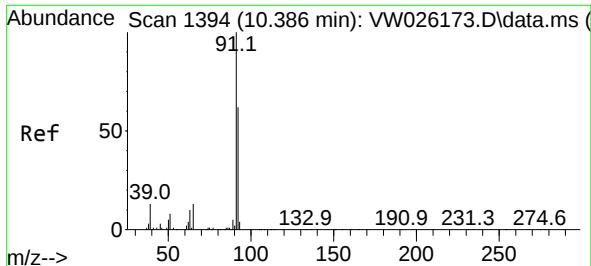
Ion Ratio Lower Upper

43 100

58 35.8 29.0 43.4

100 13.1 10.5 15.7

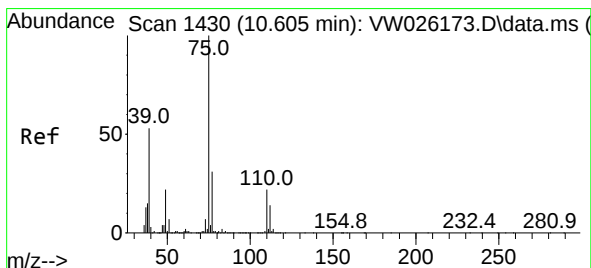
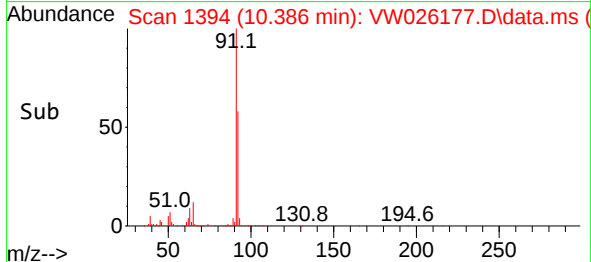
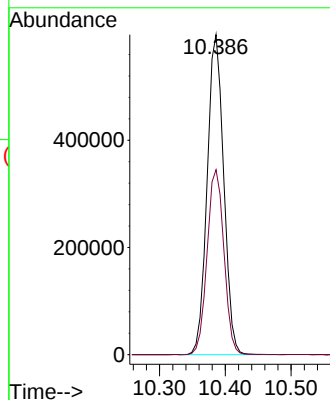
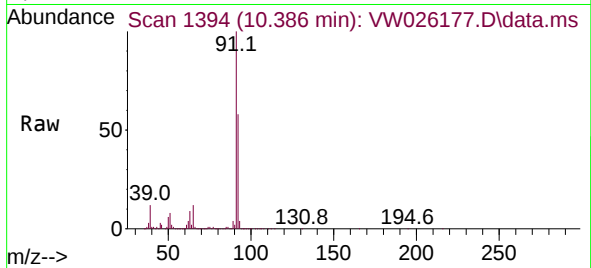




#42
Toluene
Concen: 26.432 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

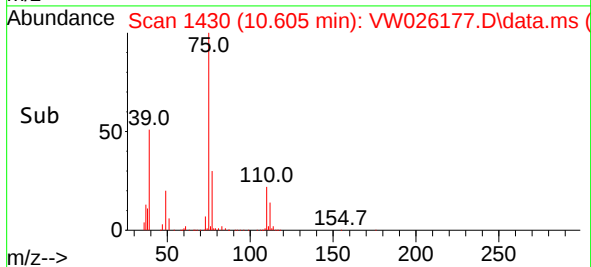
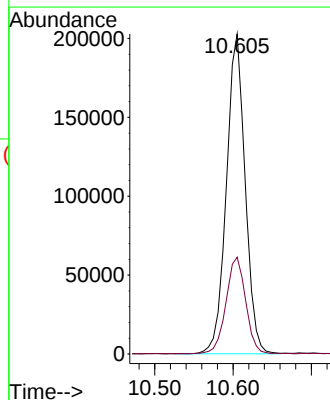
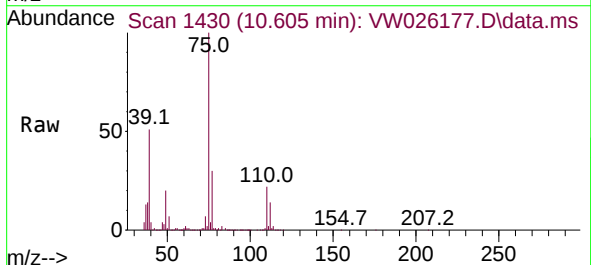
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

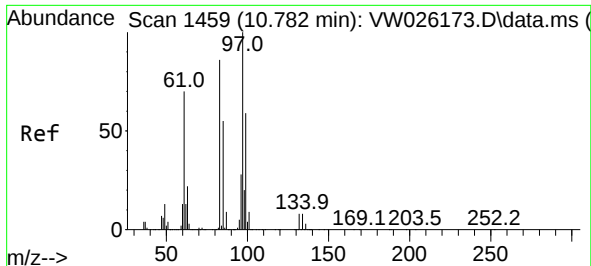
Tgt Ion: 91 Resp: 1044009
Ion Ratio Lower Upper
91 100
92 57.8 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 26.375 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

Tgt Ion: 75 Resp: 337731
Ion Ratio Lower Upper
75 100
77 30.3 21.1 39.3





#45

1,1,2-Trichloroethane

Concen: 25.969 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025516

Tgt Ion: 97 Resp: 179016

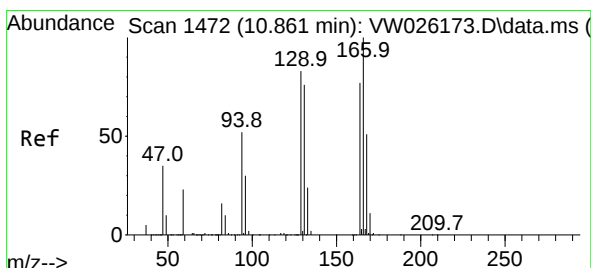
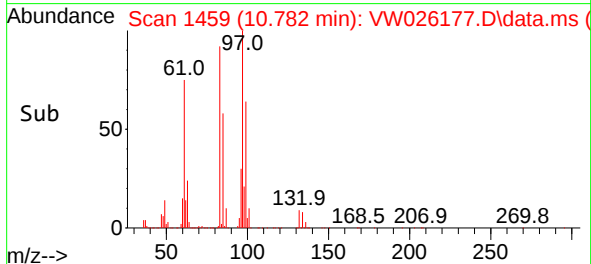
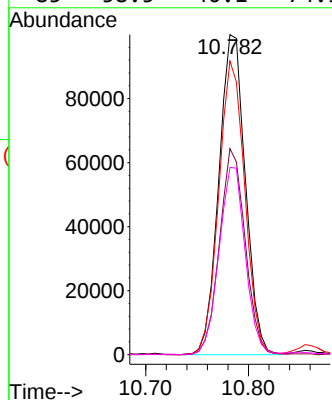
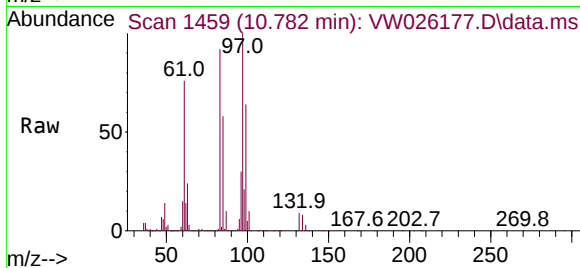
Ion Ratio Lower Upper

97 100

99 64.4 43.3 80.5

83 91.7 62.9 116.9

85 58.5 40.1 74.5



#46

Tetrachloroethene

Concen: 24.464 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

Tgt Ion:164 Resp: 171102

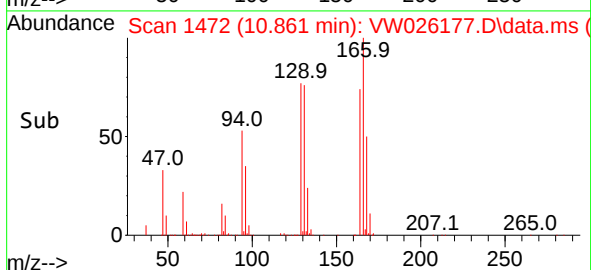
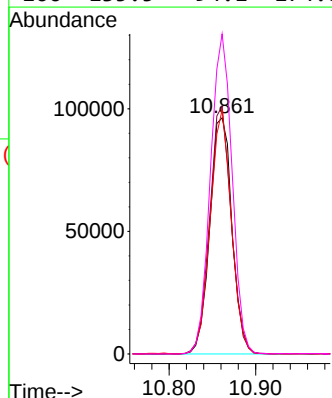
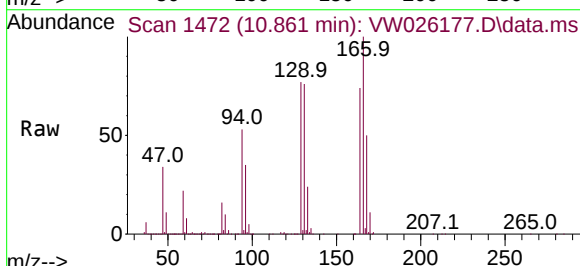
Ion Ratio Lower Upper

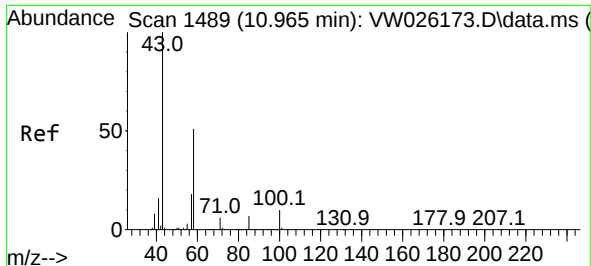
164 100

129 104.9 68.5 127.1

131 103.4 67.1 124.7

166 135.5 94.1 174.8

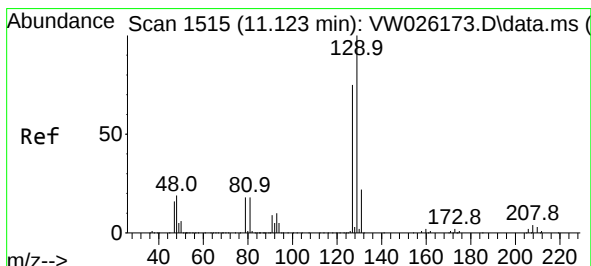
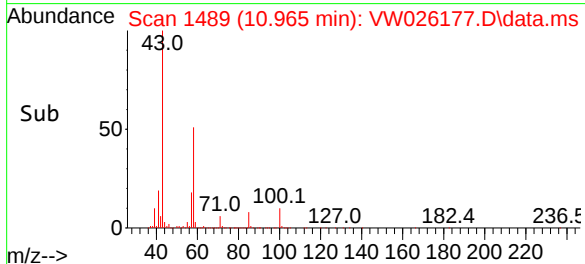
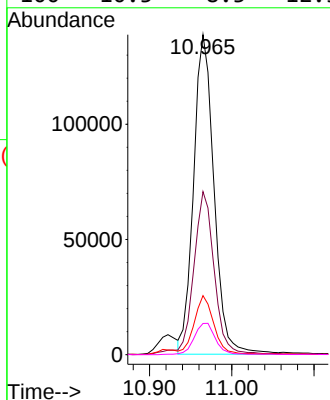
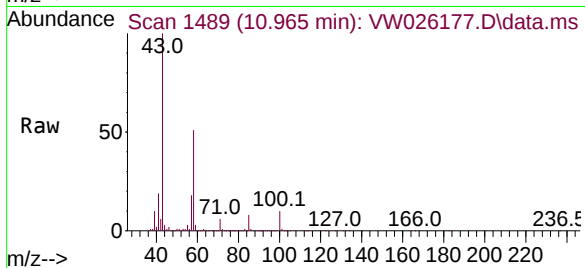




#48
2-Hexanone
Concen: 55.225 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

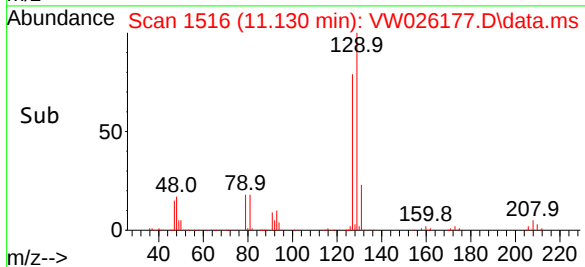
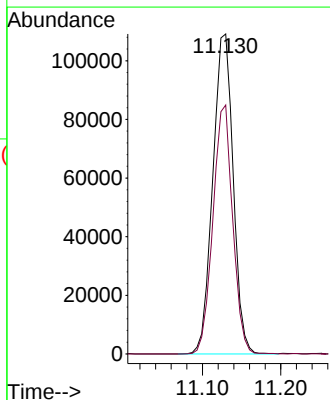
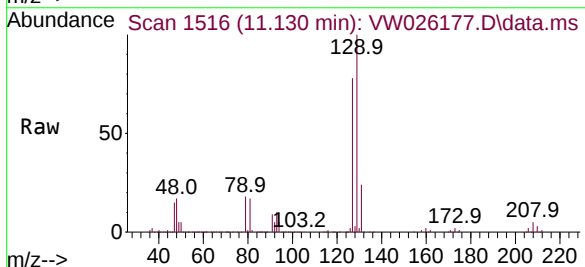
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

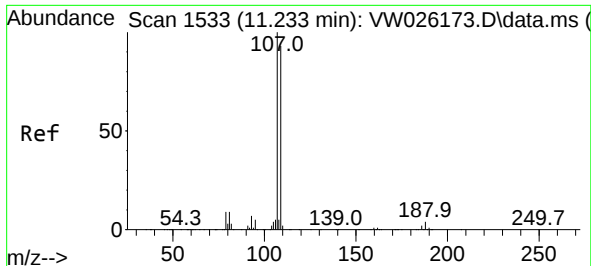
Tgt Ion:	43	Resp:	240117
Ion	Ratio	Lower	Upper
43	100		
58	49.5	42.2	63.2
57	16.9	14.2	21.2
100	10.3	8.3	12.5



#49
Dibromochloromethane
Concen: 27.327 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

Tgt Ion:	129	Resp:	197505
Ion	Ratio	Lower	Upper
129	100		
127	77.8	56.9	105.7





#50

1,2-Dibromoethane

Concen: 25.833 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025516

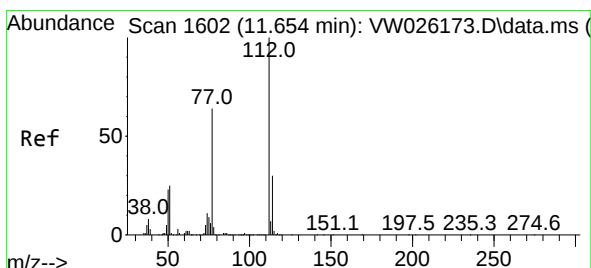
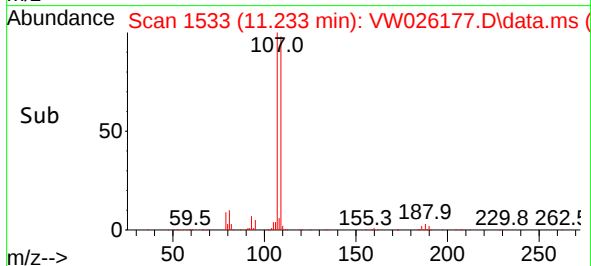
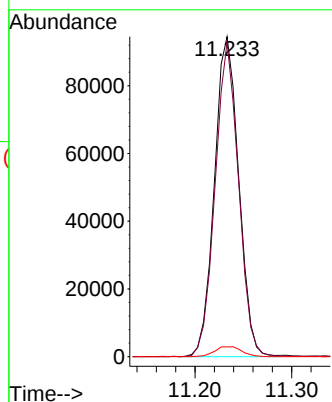
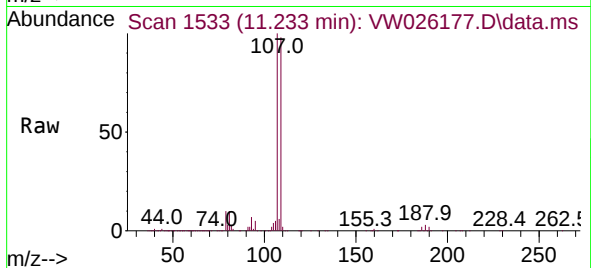
Tgt Ion:107 Resp: 164883

Ion Ratio Lower Upper

107 100

109 98.2 64.0 119.0

188 3.1 2.6 3.8



#51

Chlorobenzene

Concen: 25.240 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

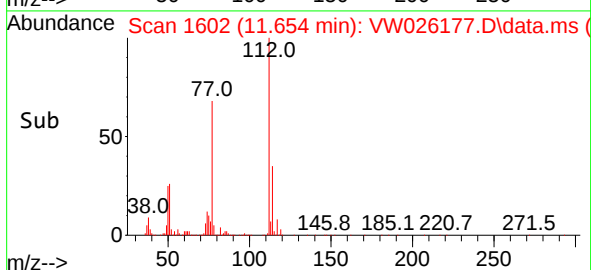
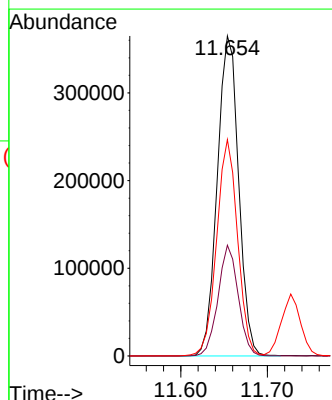
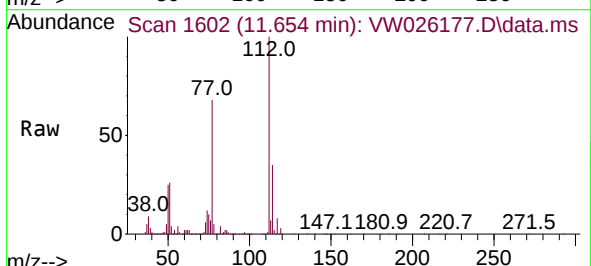
Tgt Ion:112 Resp: 624707

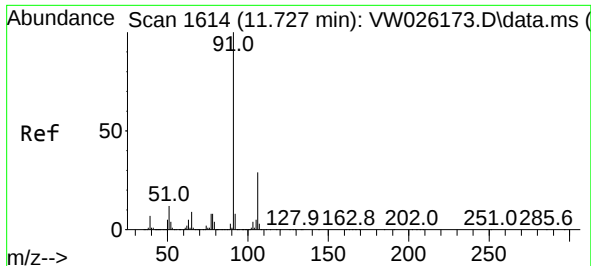
Ion Ratio Lower Upper

112 100

114 34.6 23.0 42.6

77 67.6 50.9 76.3

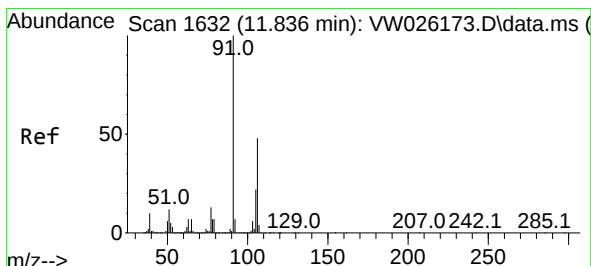
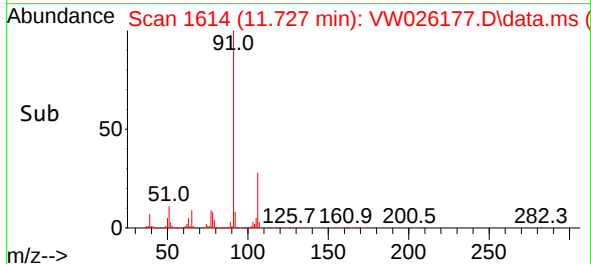
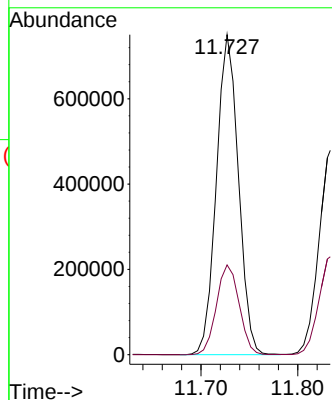
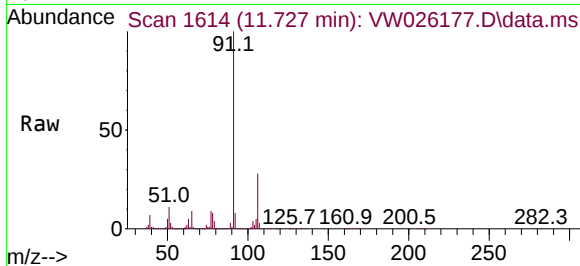




#52
Ethylbenzene
Concen: 26.587 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

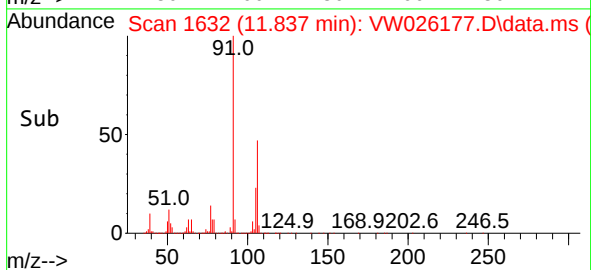
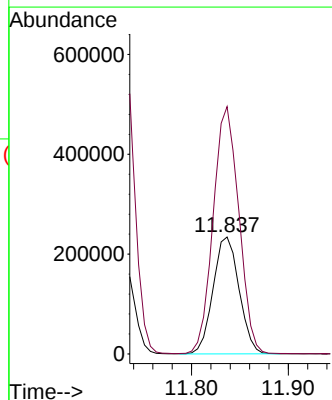
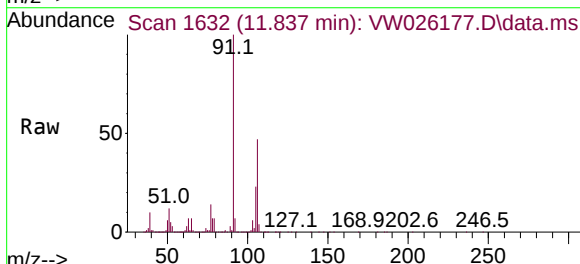
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

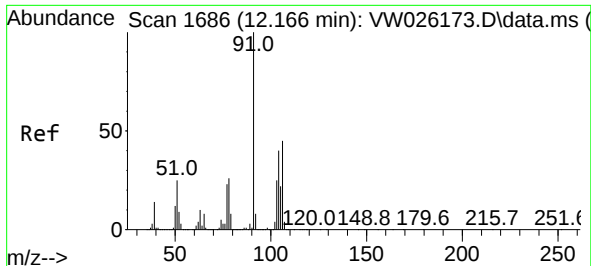
Tgt Ion: 91 Resp: 1184607
Ion Ratio Lower Upper
91 100
106 28.1 21.2 39.4



#53
m,p-Xylene
Concen: 26.337 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

Tgt Ion:106 Resp: 436547
Ion Ratio Lower Upper
106 100
91 211.4 149.5 277.7

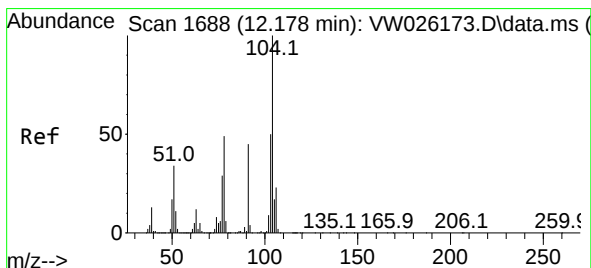
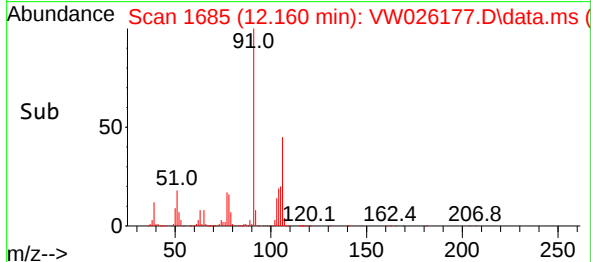
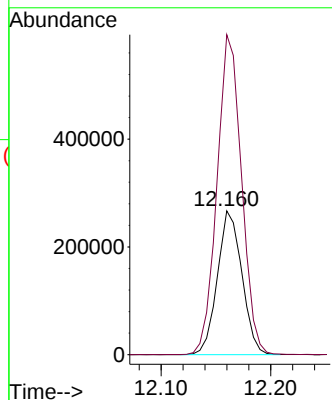
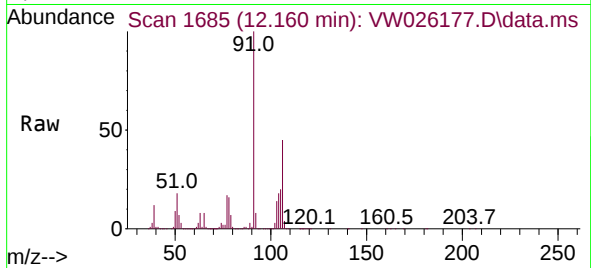




#54
o-Xylene
Concen: 26.480 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

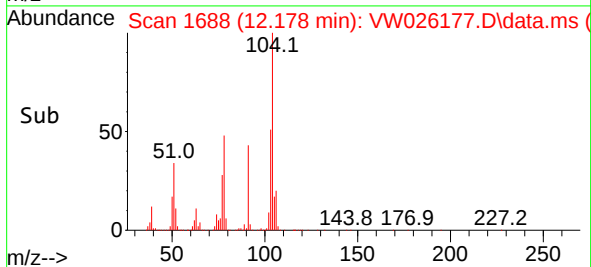
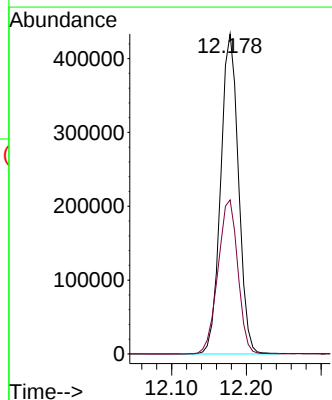
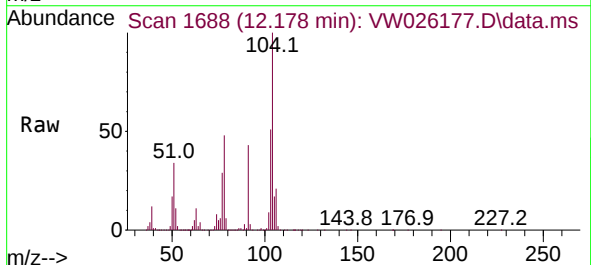
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

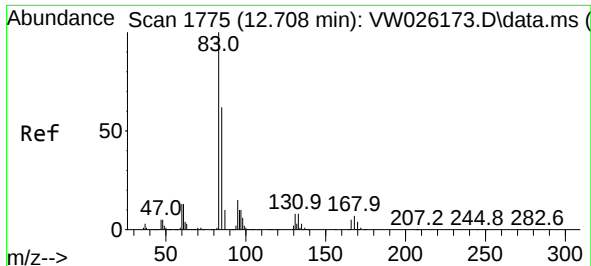
Tgt Ion:106 Resp: 414260
Ion Ratio Lower Upper
106 100
91 222.3 150.9 280.3



#55
Styrene
Concen: 26.778 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

Tgt Ion:104 Resp: 718698
Ion Ratio Lower Upper
104 100
78 48.1 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 26.639 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025516

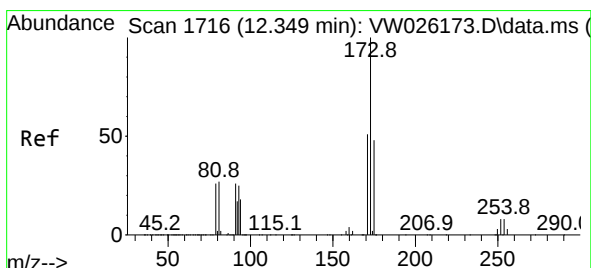
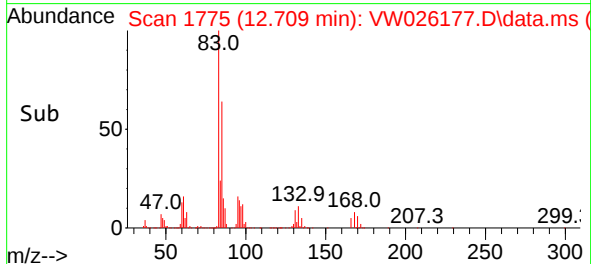
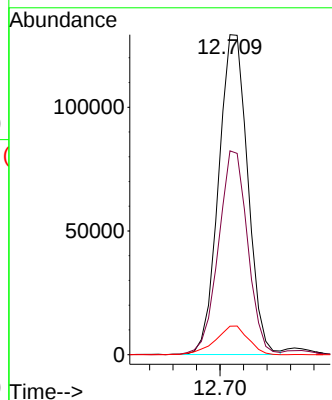
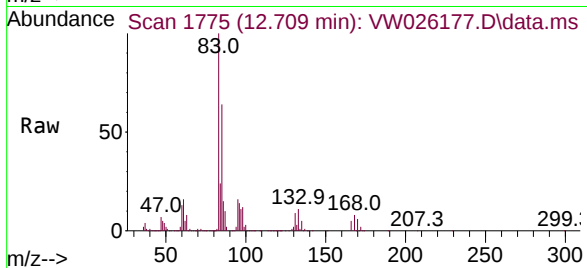
Tgt Ion: 83 Resp: 222230

Ion Ratio Lower Upper

83 100

85 63.7 42.6 79.0

131 8.9 7.2 10.8



#59

Bromoform

Concen: 24.219 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

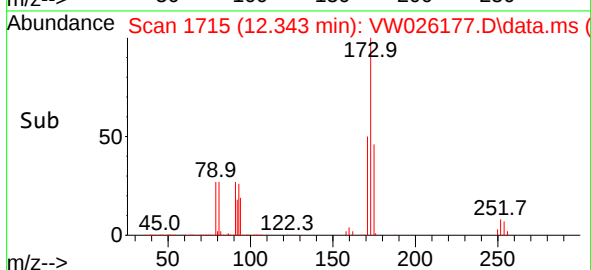
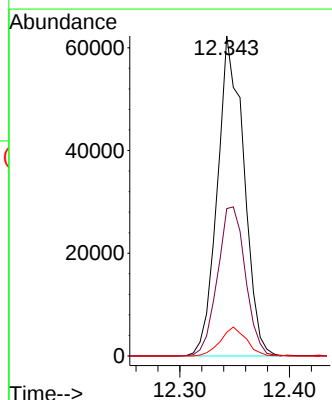
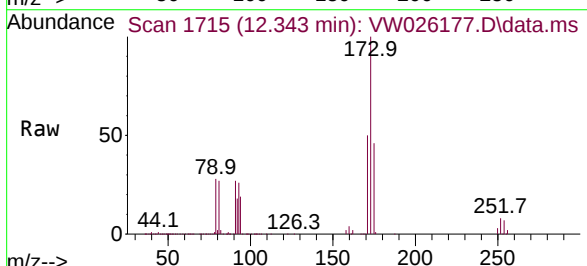
Tgt Ion: 173 Resp: 104264

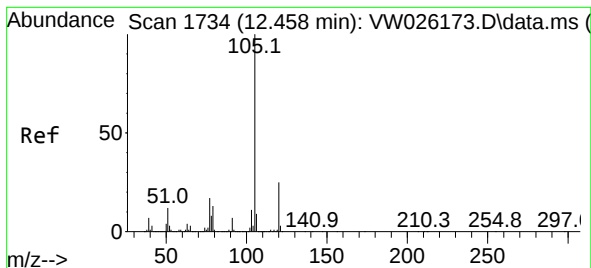
Ion Ratio Lower Upper

173 100

175 49.1 38.6 57.8

254 8.8 7.4 11.0





#60

Isopropylbenzene

Concen: 25.280 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025516

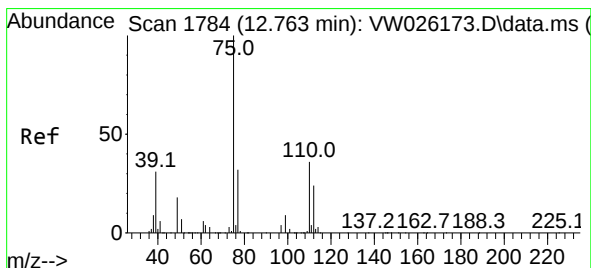
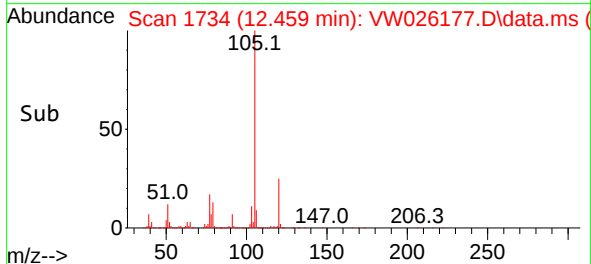
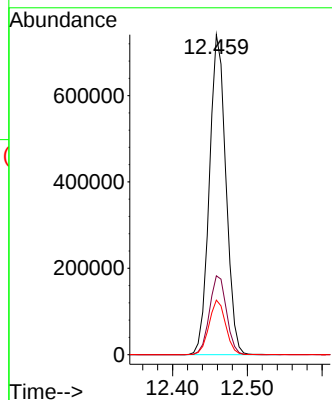
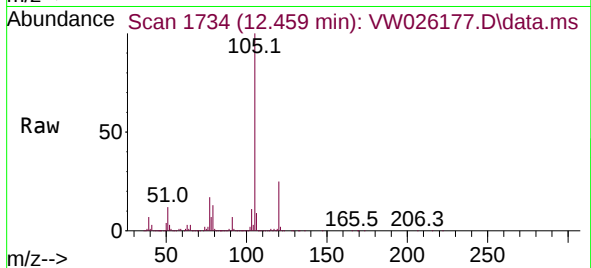
Tgt Ion:105 Resp: 1138308

Ion Ratio Lower Upper

105 100

120 25.4 19.8 29.8

77 17.1 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 25.234 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

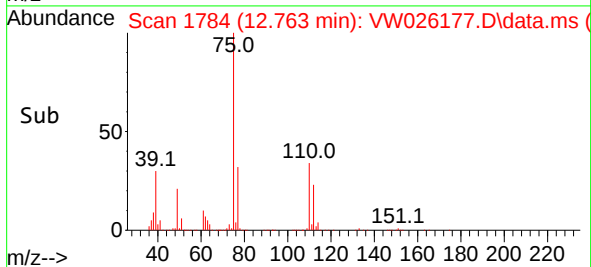
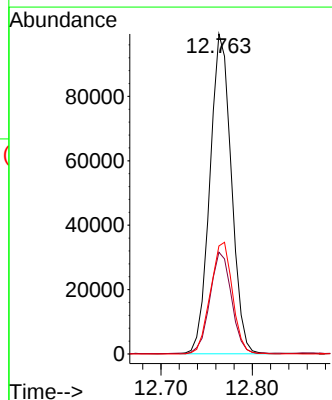
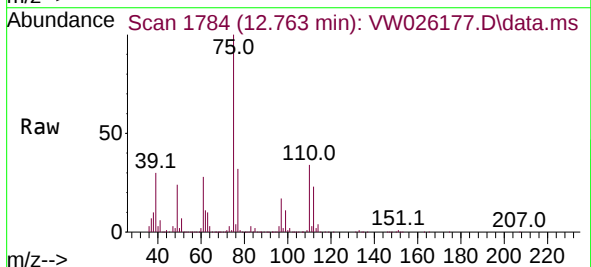
Tgt Ion: 75 Resp: 162014

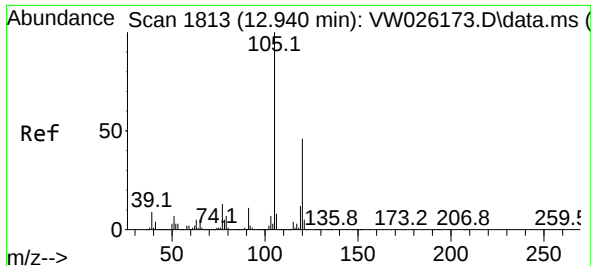
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

110 35.8 28.7 43.1

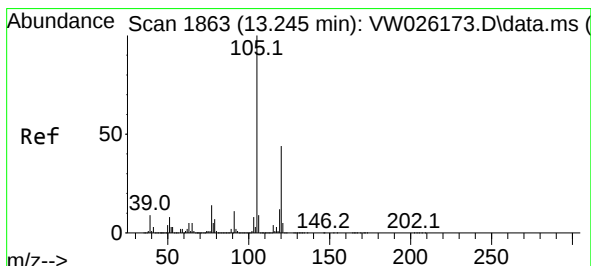
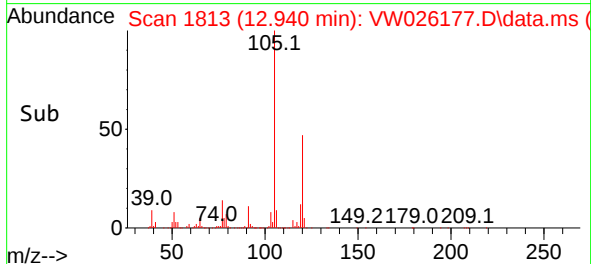
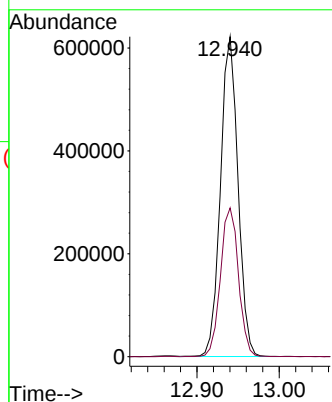
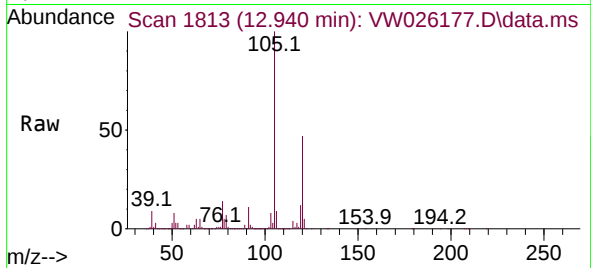




#62
1,3,5-Trimethylbenzene
Concen: 25.706 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

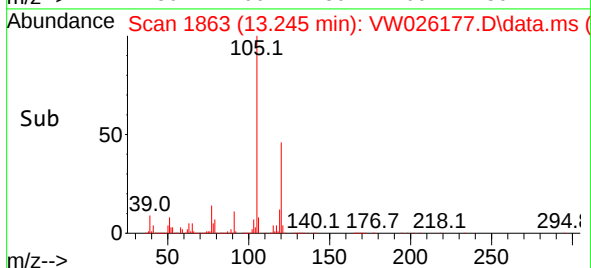
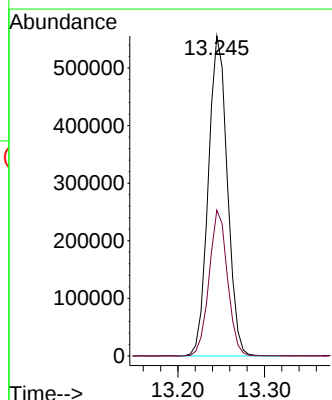
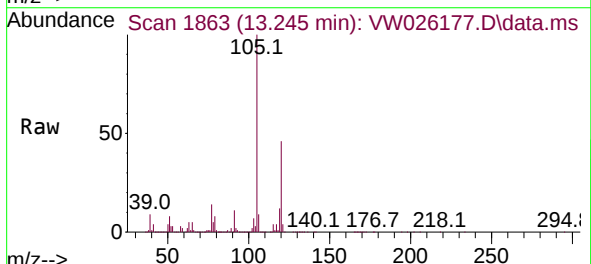
Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

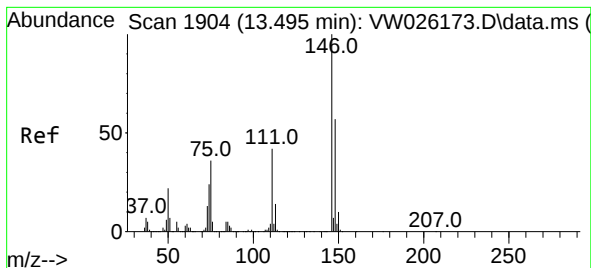
Tgt Ion:105 Resp: 920125
Ion Ratio Lower Upper
105 100
120 47.7 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 25.804 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

Tgt Ion:105 Resp: 845962
Ion Ratio Lower Upper
105 100
120 44.1 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 24.972 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025516

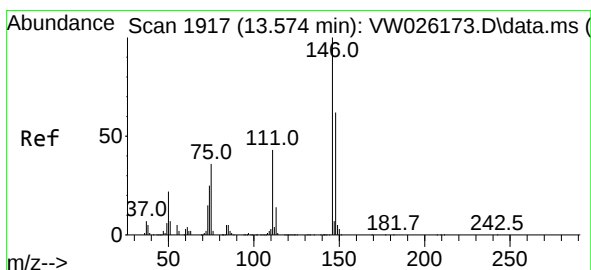
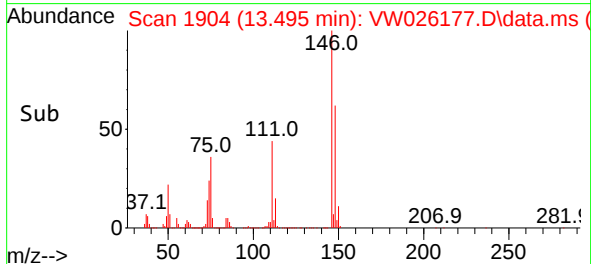
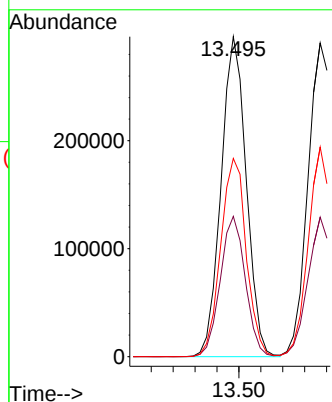
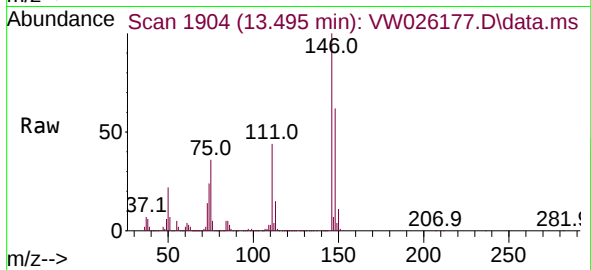
Tgt Ion:146 Resp: 472772

Ion Ratio Lower Upper

146 100

111 43.9 29.7 55.1

148 62.0 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 24.867 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

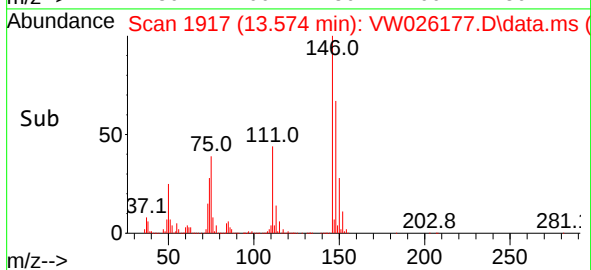
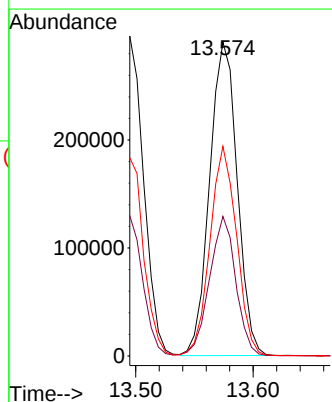
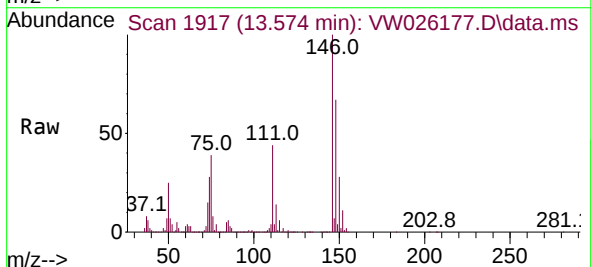
Tgt Ion:146 Resp: 473990

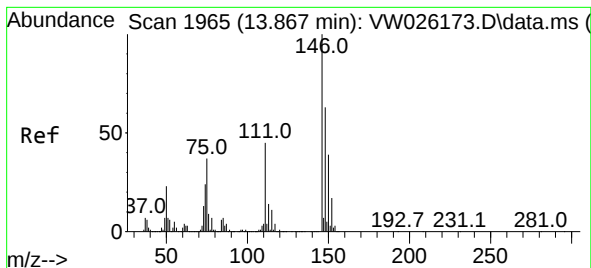
Ion Ratio Lower Upper

146 100

111 44.5 29.2 54.2

148 66.8 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 24.665 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025516

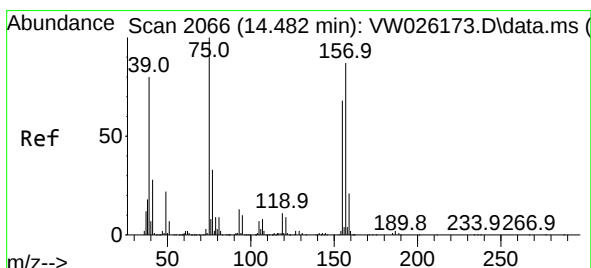
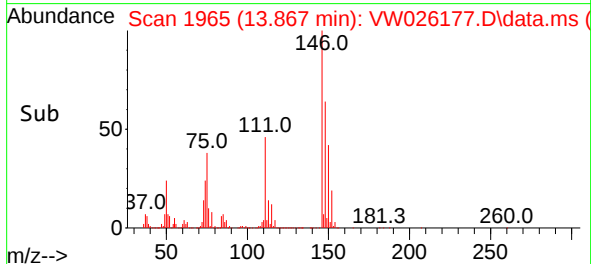
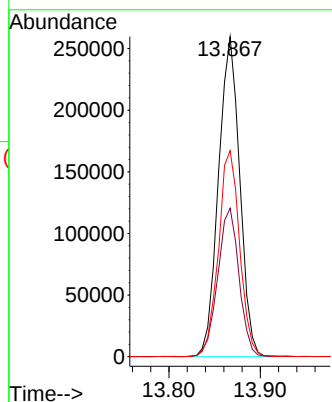
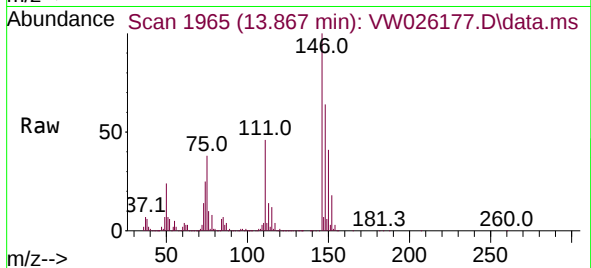
Tgt Ion:146 Resp: 419331

Ion Ratio Lower Upper

146 100

111 46.4 35.4 53.0

148 64.4 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 23.636 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

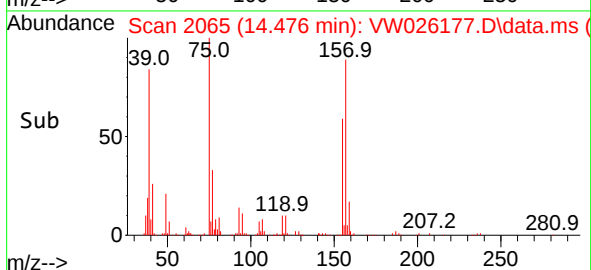
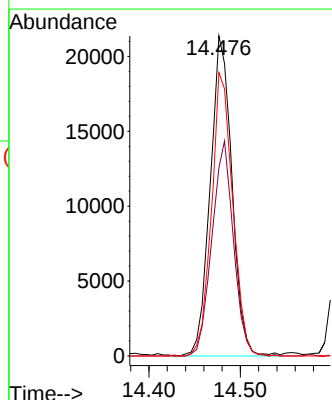
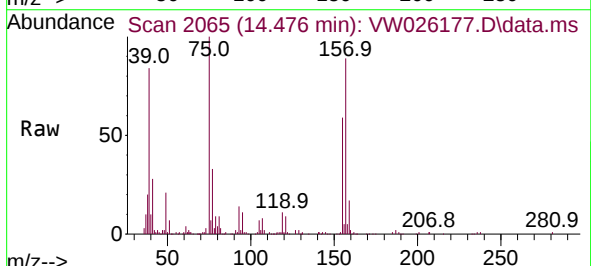
Tgt Ion: 75 Resp: 35159

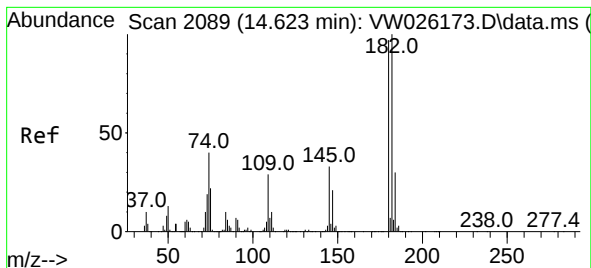
Ion Ratio Lower Upper

75 100

155 58.8 59.0 88.6#

157 88.5 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 22.760 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025516

Tgt Ion:180 Resp: 295999

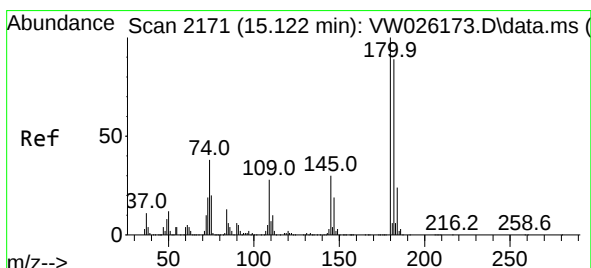
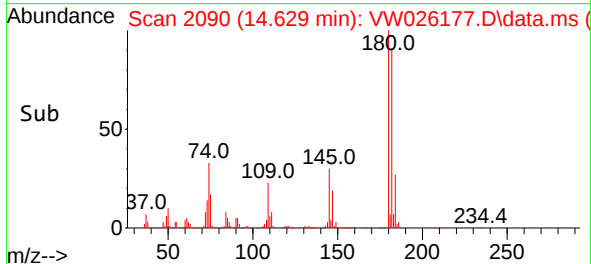
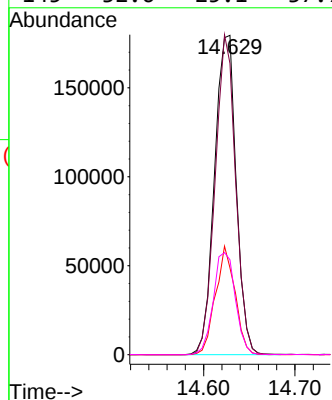
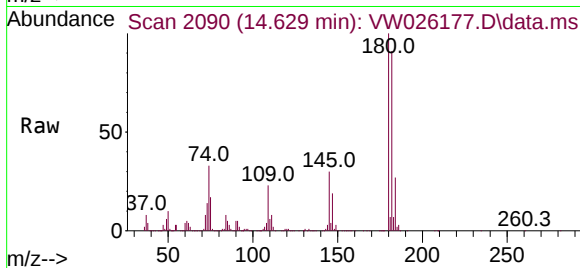
Ion Ratio Lower Upper

180 100

182 94.6 77.0 115.4

184 30.7 23.7 35.5

145 32.6 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 23.611 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW026177.D

Acq: 12 Jun 2023 13:33

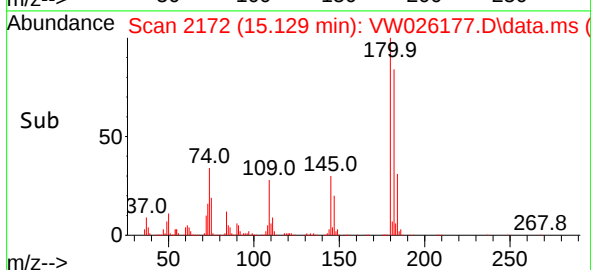
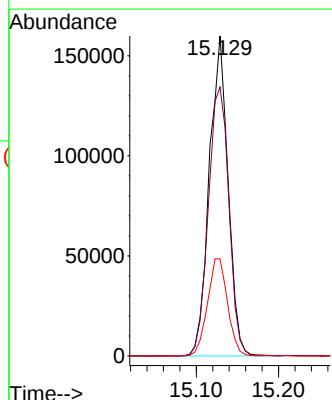
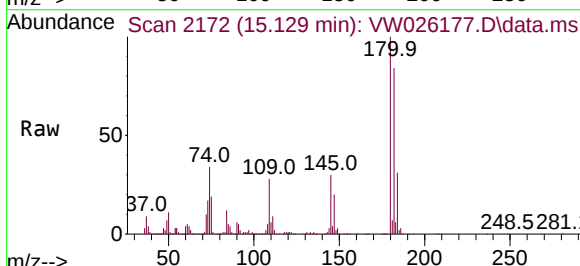
Tgt Ion:180 Resp: 253381

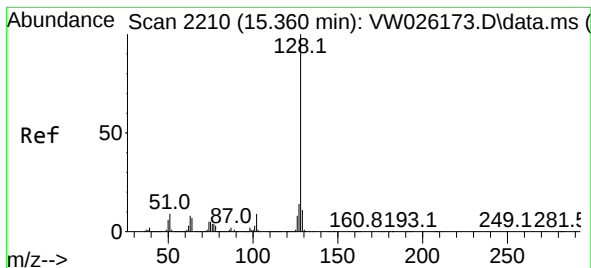
Ion Ratio Lower Upper

180 100

182 91.9 78.9 118.3

145 32.5 27.2 40.8

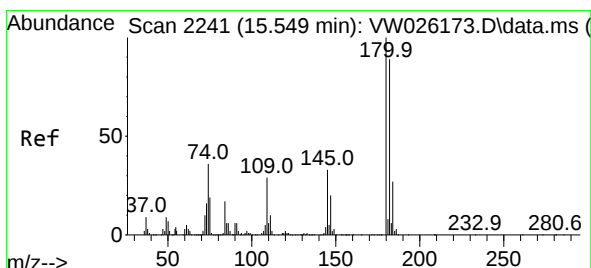
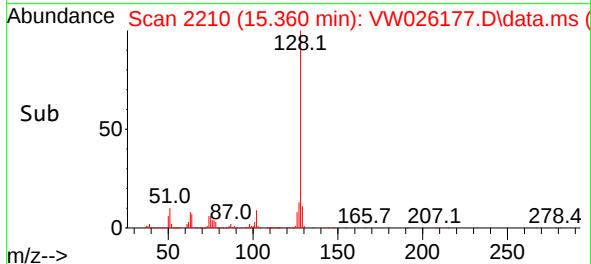
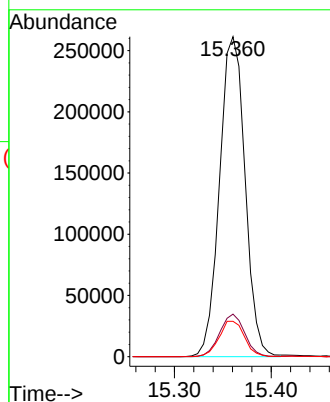
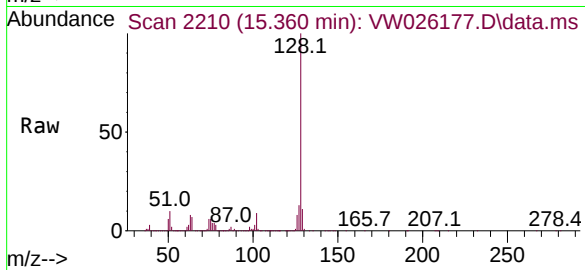




#71
Naphthalene
Concen: 24.998 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

Instrument :
MSVOA_W
ClientSampleId :
VSTD025516

Tgt Ion:128 Resp: 478107
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.1 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 23.629 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026177.D
Acq: 12 Jun 2023 13:33

Tgt Ion:180 Resp: 221606
Ion Ratio Lower Upper
180 100
182 94.2 76.3 114.5
145 34.6 27.0 40.6

