

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050124\
 Data File : VW028556.D
 Acq On : 01 May 2024 11:01
 Operator : SY/MD
 Sample : P2321-02MS
 Misc : 5.15g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0Y32MS

Quant Time: May 02 02:20:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 02 02:18:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	383942	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	286736	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	92721	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	105760	17.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.720%
7) Chloroethane-d5	2.899	69	97915	20.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.960%
11) 1,1-Dichloroethene-d2	4.021	65	48383	18.562	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.240%
21) 2-Butanone-d5	7.081	46	61388	53.297	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.600%
24) Chloroform-d	7.654	84	239964	23.952	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	8.307	65	125227	24.052	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	8.276	84	432915	27.637	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.560%
36) 1,2-Dichloropropane-d6	9.276	67	136998	29.423	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.680%
41) Toluene-d8	10.319	98	349739	24.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	10.575	79	43286	23.380	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.520%
47) 2-Hexanone-d5	10.922	63	40205	62.337	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.680%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	94707	28.829	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	66818	22.787	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	127921	24.772	ug/L	96
3) Chloromethane	2.229	50	155342	25.622	ug/L	99
5) Vinyl chloride	2.375	62	168551	23.344	ug/L	98
6) Bromomethane	2.789	94	99233	21.998	ug/L	100
8) Chloroethane	2.936	64	111914	25.712	ug/L	99
9) Trichlorofluoromethane	3.271	101	163453	28.377	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	127076	23.450	ug/L	94
12) 1,1-Dichloroethene	4.045	96	116866	22.968	ug/L	92
13) Acetone	4.125	43	132262	93.521	ug/L	100
14) Carbon disulfide	4.393	76	300877	17.961	ug/L	99
15) Methyl Acetate	4.673	43	50660	22.263	ug/L	98
16) Methylene chloride	4.923	84	136484	23.492	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	117874	21.993	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	203568	27.001	ug/L	98
19) 1,1-Dichloroethane	6.222	63	269515	25.809	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	133555	23.478	ug/L	97
22) 2-Butanone	7.173	43	104728	61.019	ug/L	96
23) Bromochloromethane	7.514	128	56906	23.225	ug/L	85
25) Chloroform	7.679	83	262207	25.561	ug/L	95

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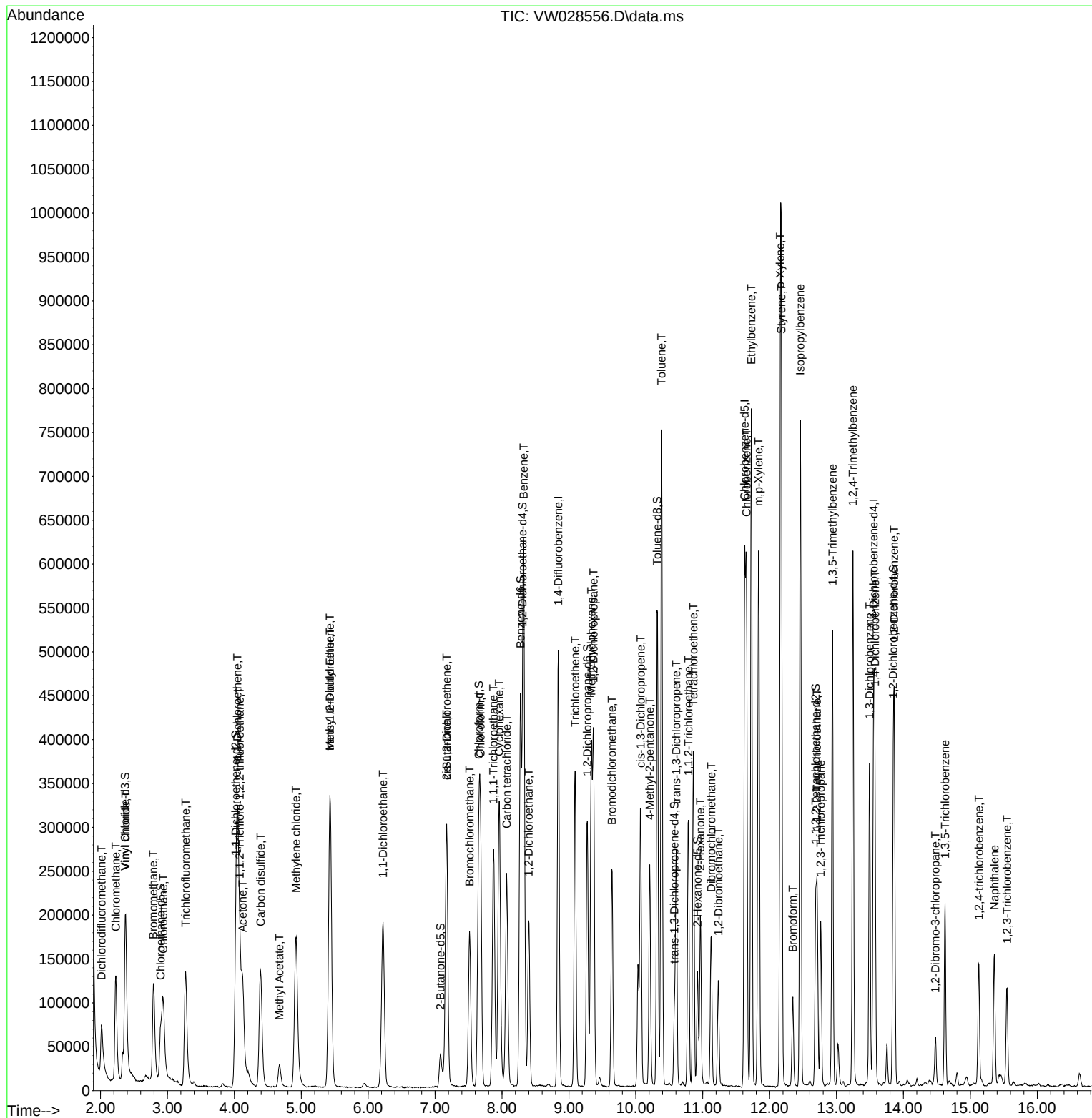
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	173433	24.496	ug/L	100
29) Cyclohexane	7.959	56	185612	24.507	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	216051	31.068	ug/L	99
31) Carbon tetrachloride	8.069	117	173455	28.128	ug/L	99
33) Benzene	8.325	78	532805	29.720	ug/L	100
34) Trichloroethene	9.093	95	126599	26.058	ug/L	98
35) Methylcyclohexane	9.337	83	142421	17.179	ug/L	99
37) 1,2-Dichloropropane	9.367	63	141301	30.240	ug/L	100
38) Bromodichloromethane	9.642	83	164803	28.455	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	174982	25.537	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	168607	72.082	ug/L	99
42) Toluene	10.386	91	517886	27.268	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	136214	24.573	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	92263	29.186	ug/L	96
46) Tetrachloroethene	10.861	164	78149	21.534	ug/L	90
48) 2-Hexanone	10.965	43	123814	66.685	ug/L	97
49) Dibromochloromethane	11.129	129	86969	25.740	ug/L	100
50) 1,2-Dibromoethane	11.233	107	75941	26.320	ug/L	92
51) Chlorobenzene	11.654	112	279177	23.648	ug/L	97
52) Ethylbenzene	11.727	91	511613	23.763	ug/L	98
53) m,p-Xylene	11.837	106	180351	22.526	ug/L	96
54) o-Xylene	12.160	106	179110	24.026	ug/L	97
55) Styrene	12.178	104	269910	21.273	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	97373	27.218	ug/L	99
59) Bromoform	12.349	173	43344	35.414	ug/L	98
60) Isopropylbenzene	12.458	105	445330	32.037	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	74128	43.728	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	256485	28.949	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	307978	28.885	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	135298	22.939	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	129192	21.533	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	116640	22.482	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	13617	35.054	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.623	180	57212	14.096	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	40480	12.772	ug/L	93
71) Naphthalene	15.360	128	123042	21.935	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	34510	12.270	ug/L	98

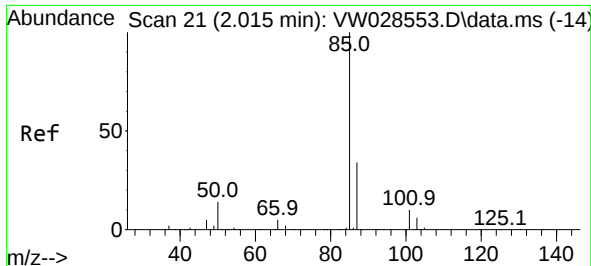
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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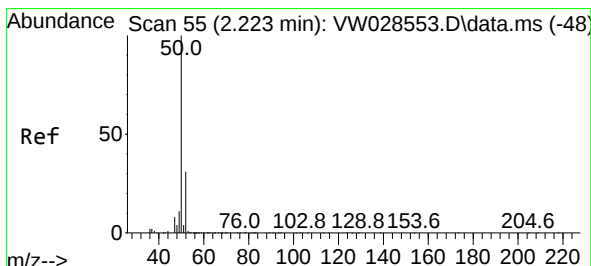
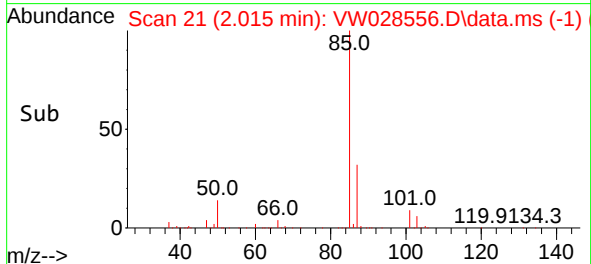
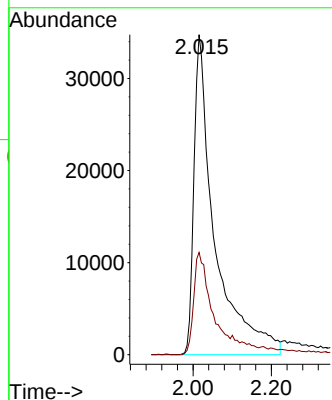
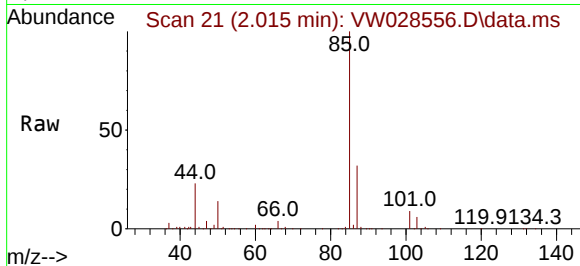




#2
 Dichlorodifluoromethane
 Concen: 24.772 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028556.D
 Acq: 01 May 2024 11:01

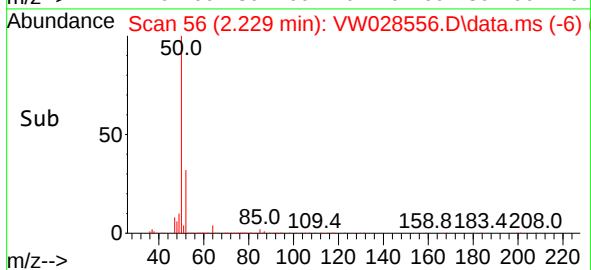
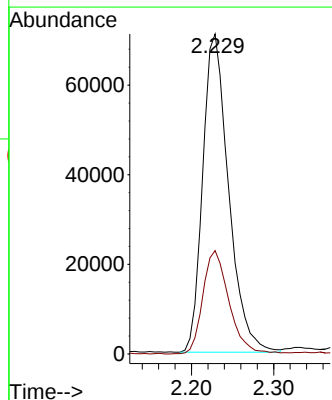
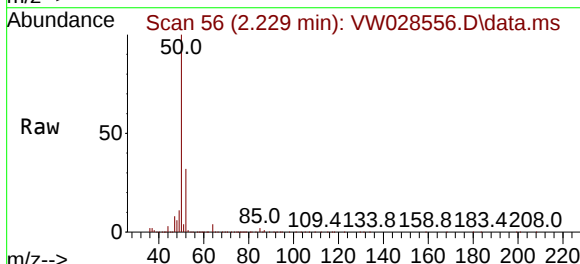
Instrument :
 MSVOA_W
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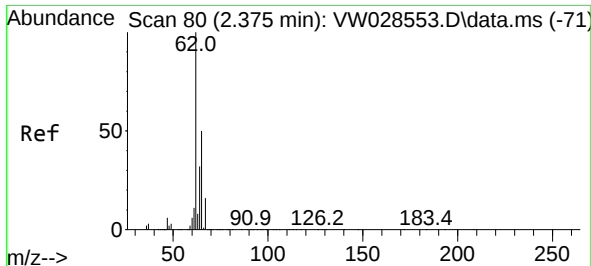
Tgt Ion: 85 Resp: 127921
 Ion Ratio Lower Upper
 85 100
 87 27.1 23.4 35.0



#3
 Chloromethane
 Concen: 25.622 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028556.D
 Acq: 01 May 2024 11:01

Tgt Ion: 50 Resp: 155342
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.0 42.6

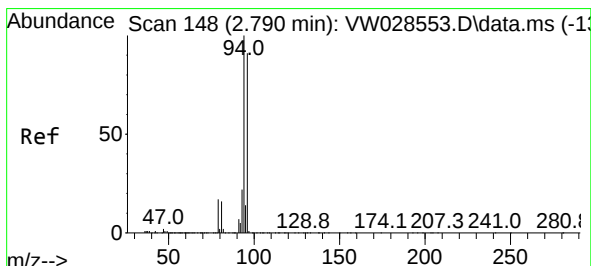
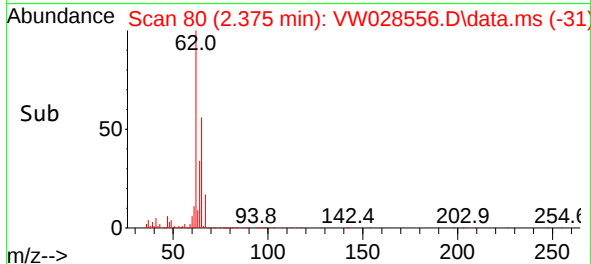
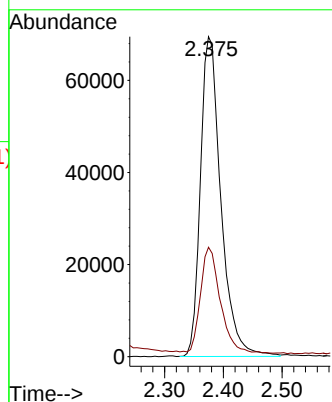
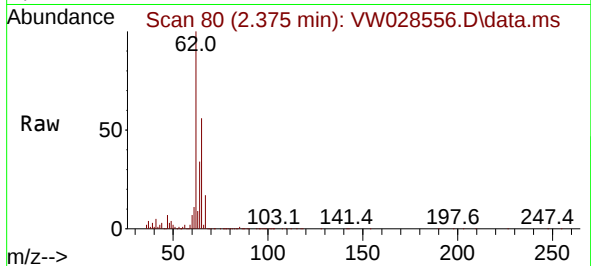




#5
 Vinyl chloride
 Concen: 23.344 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028556.D
 Acq: 01 May 2024 11:01

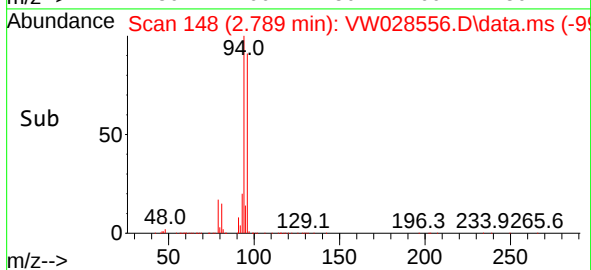
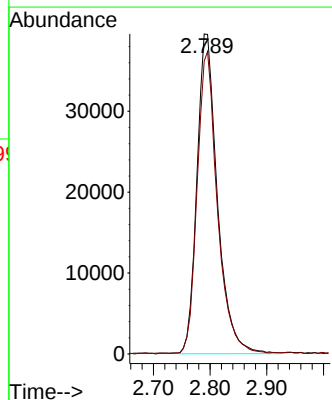
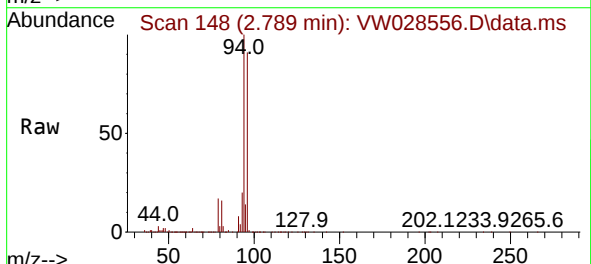
Instrument :
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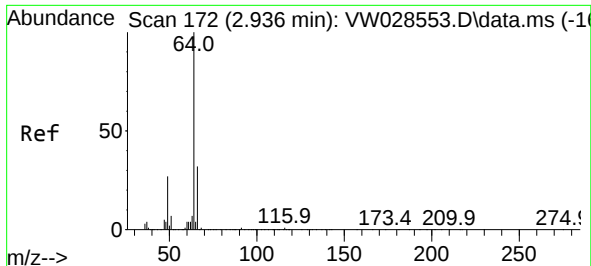
Tgt Ion: 62 Resp: 168551
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.1 42.9



#6
 Bromomethane
 Concen: 21.998 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW028556.D
 Acq: 01 May 2024 11:01

Tgt Ion: 94 Resp: 99233
 Ion Ratio Lower Upper
 94 100
 96 91.5 64.3 119.5

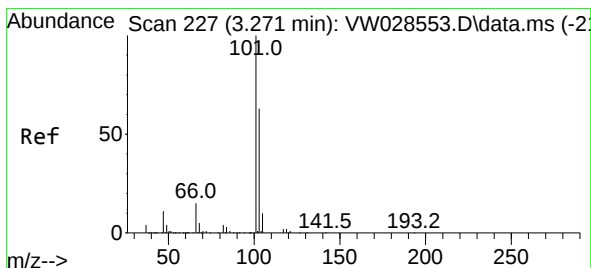
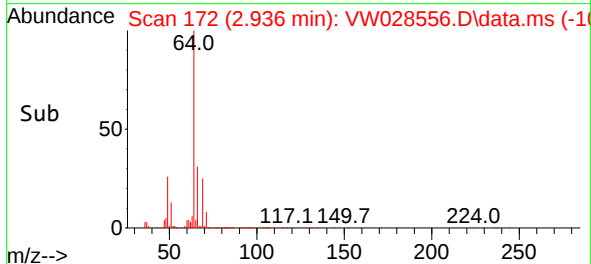
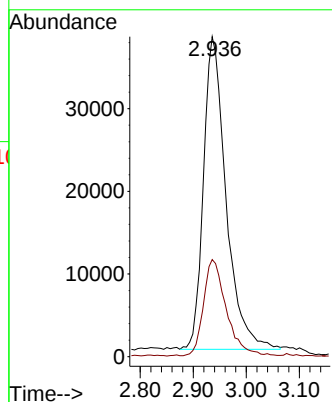
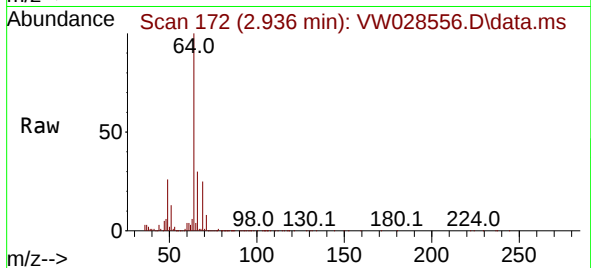




#8
Chloroethane
Concen: 25.712 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

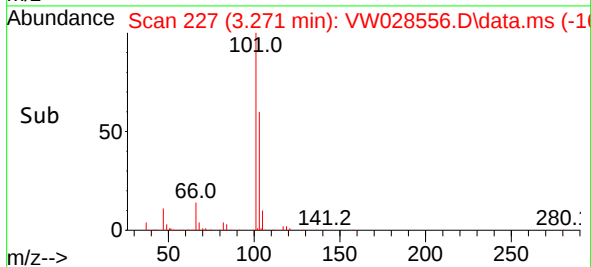
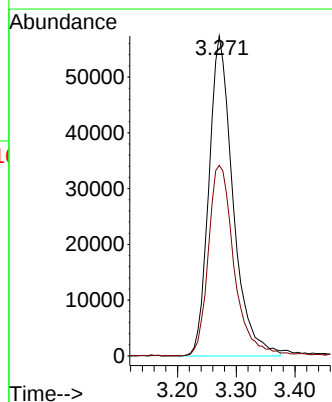
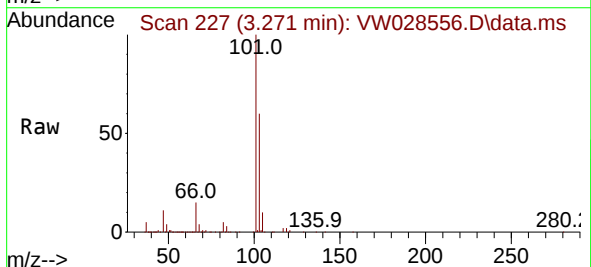
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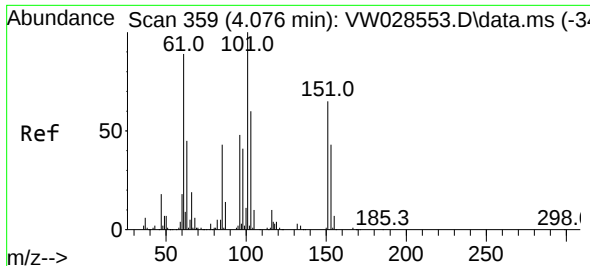
Tgt Ion: 64 Resp: 111914
Ion Ratio Lower Upper
64 100
66 30.3 21.7 40.3



#9
Trichlorofluoromethane
Concen: 28.377 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

Tgt Ion:101 Resp: 163453
Ion Ratio Lower Upper
101 100
103 63.3 52.0 78.0

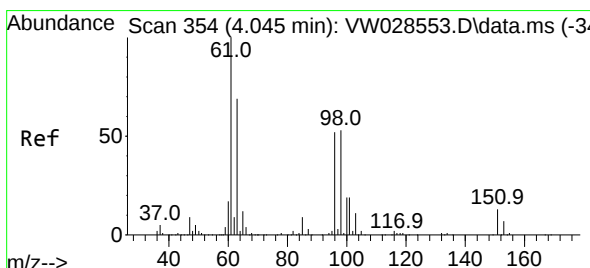
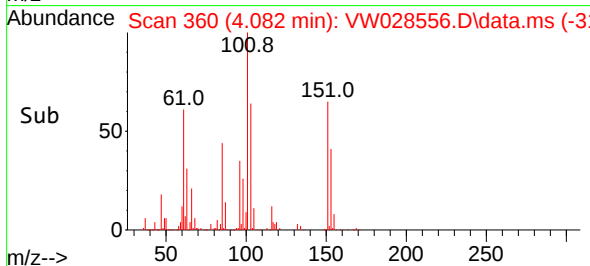
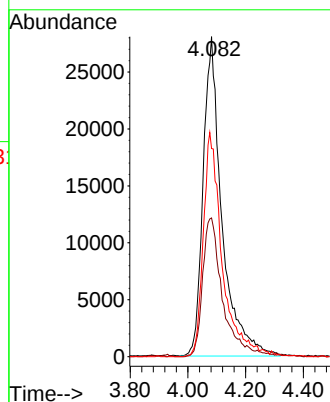
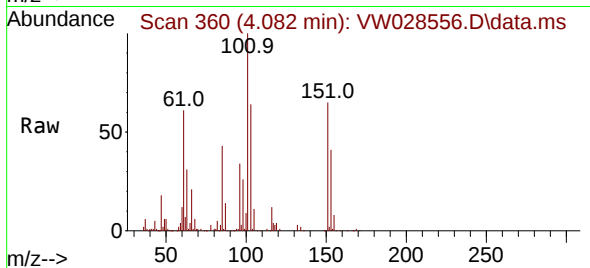




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.450 ug/L
RT: 4.082 min Scan# 3
Delta R.T. 0.006 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

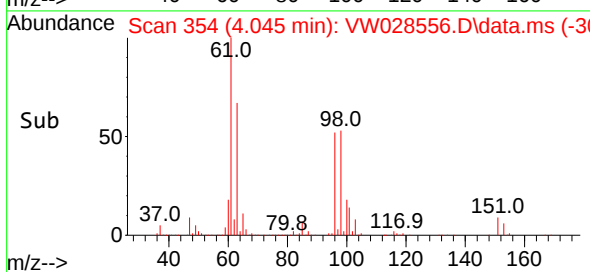
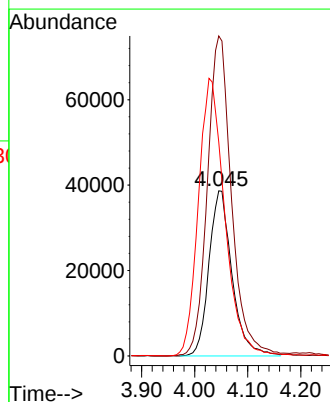
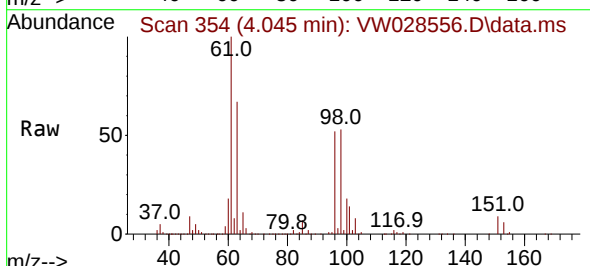
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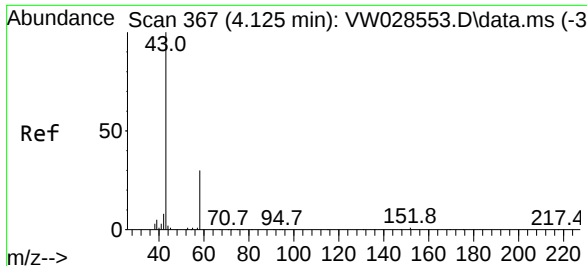
Tgt Ion:101 Resp: 127076
Ion Ratio Lower Upper
101 100
85 44.1 34.5 51.7
151 65.0 57.5 86.3



#12
1,1-Dichloroethene
Concen: 22.968 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

Tgt Ion: 96 Resp: 116866
Ion Ratio Lower Upper
96 100
61 193.7 130.5 242.5
63 129.5 101.5 188.5

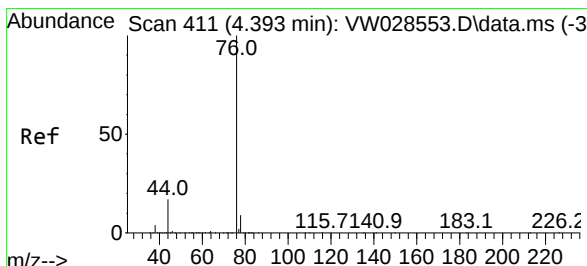
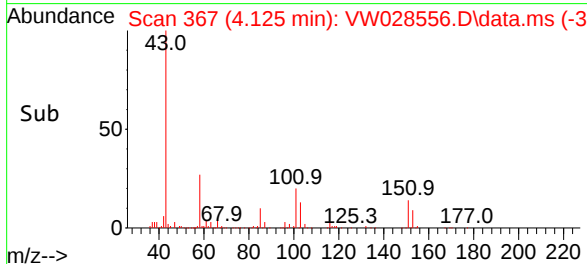
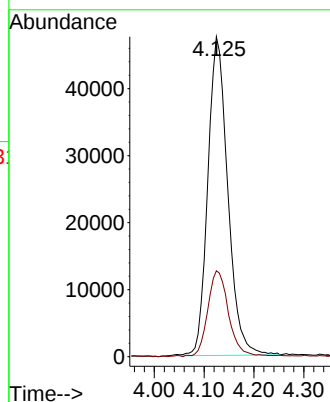
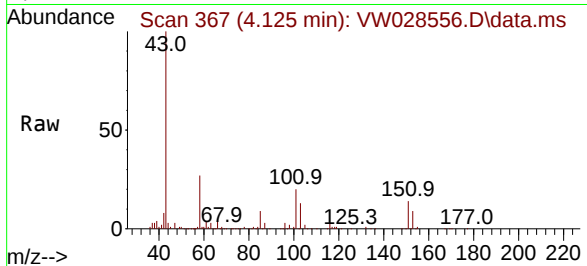




#13
Acetone
Concen: 93.521 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.000 min
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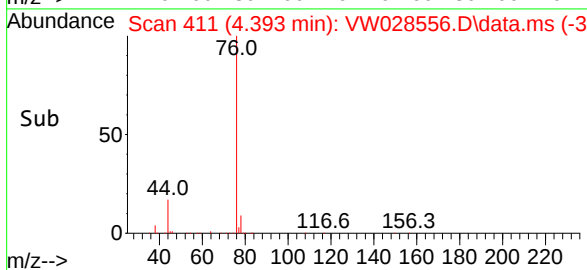
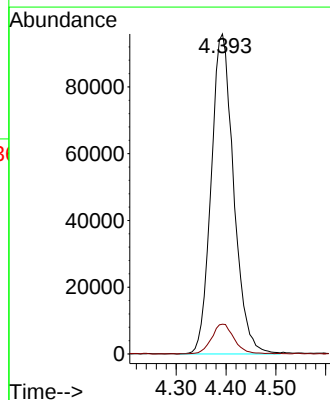
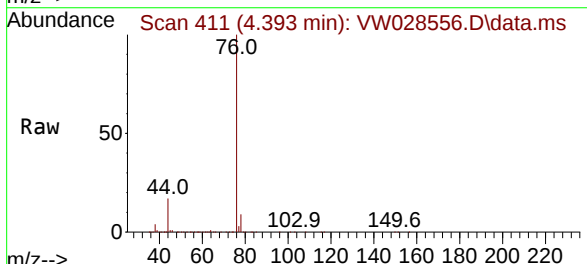
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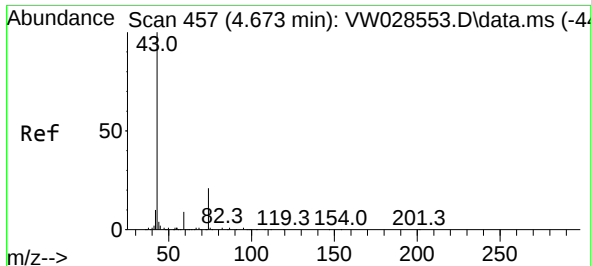
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Ion Ratio Lower Upper
43 100
58 26.8 0.0 53.4



#14
Carbon disulfide
Concen: 17.961 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

Tgt Ion: 76 Resp: 300877
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

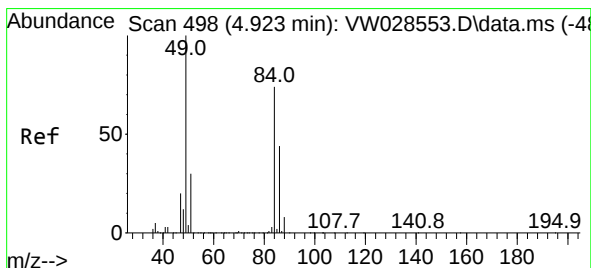
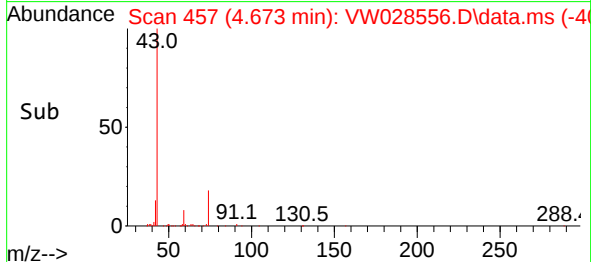
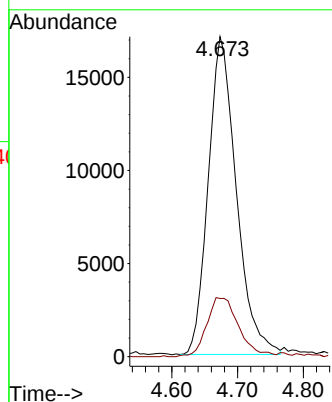
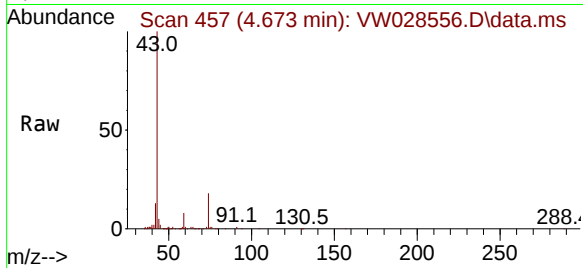




#15
Methyl Acetate
Concen: 22.263 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

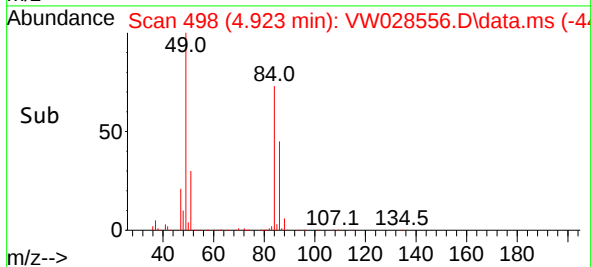
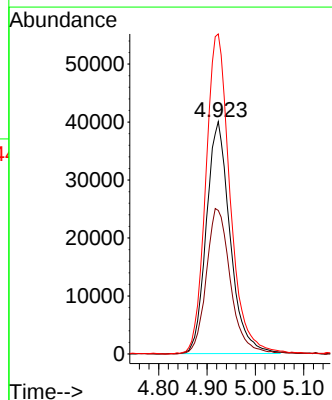
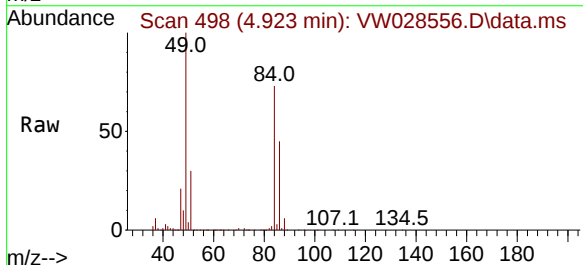
Instrument :
MSVOA_W
ClientSampleId :
E0Y32MS

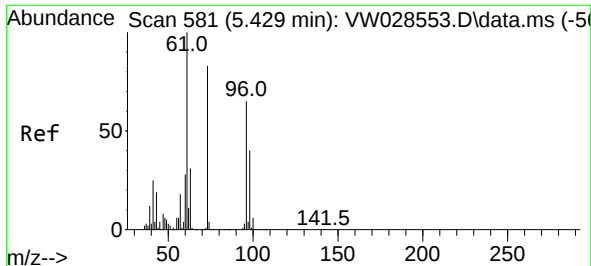
Tgt Ion: 43 Resp: 50660
Ion Ratio Lower Upper
43 100
74 20.6 17.4 26.0



#16
Methylene chloride
Concen: 23.492 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

Tgt Ion: 84 Resp: 136484
Ion Ratio Lower Upper
84 100
86 61.8 44.2 82.0
49 137.7 95.0 176.4





#17

trans-1,2-Dichloroethene

Concen: 21.993 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

E0Y32MS

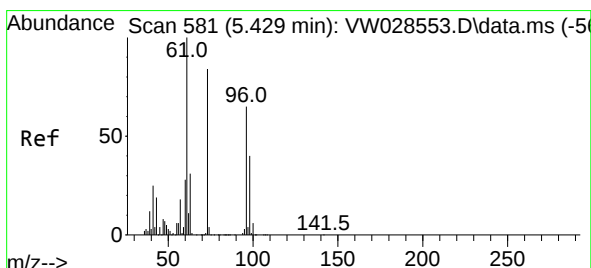
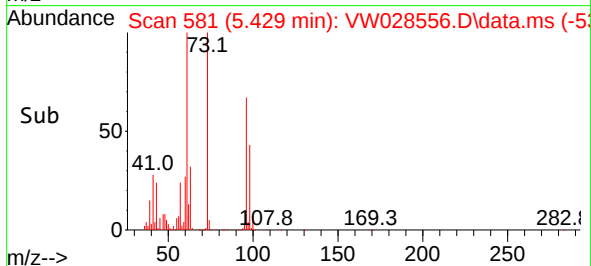
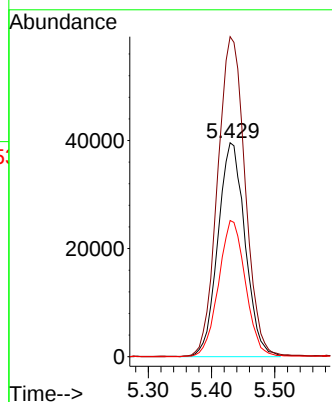
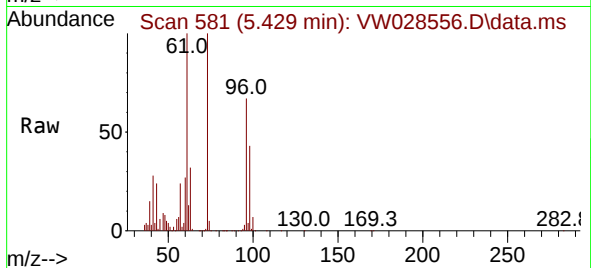
Tgt Ion: 96 Resp: 117874

Ion Ratio Lower Upper

96 100

61 149.6 108.4 201.4

98 63.7 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 27.001 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

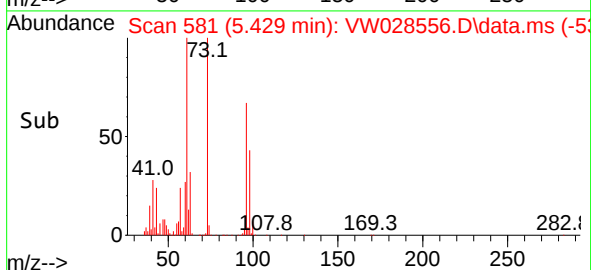
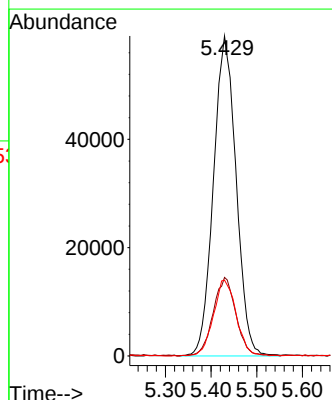
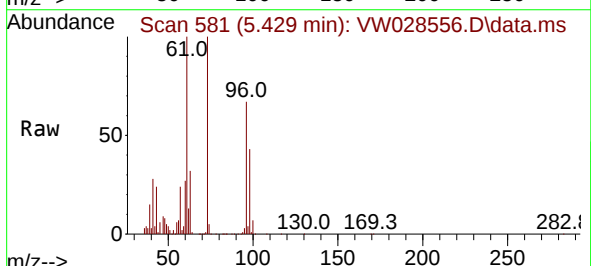
Tgt Ion: 73 Resp: 203568

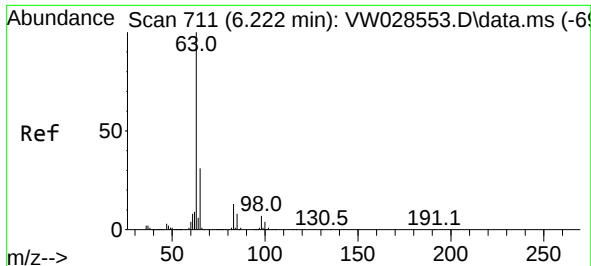
Ion Ratio Lower Upper

73 100

43 24.2 18.5 27.7

57 23.9 18.2 27.4





#19

1,1-Dichloroethane

Concen: 25.809 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

E0Y32MS

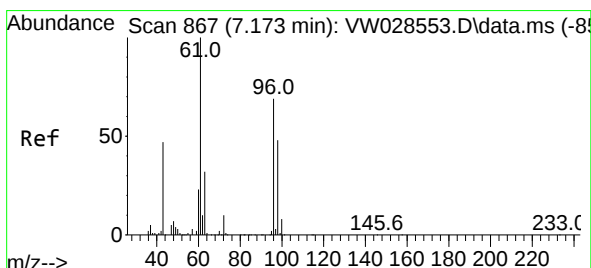
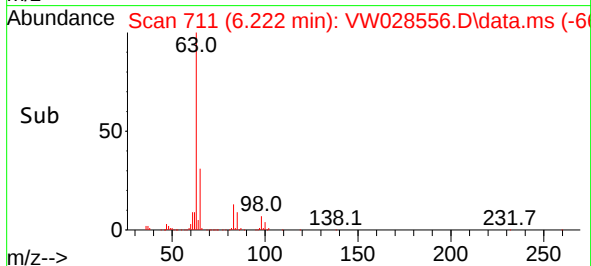
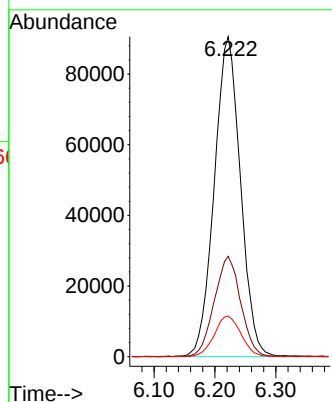
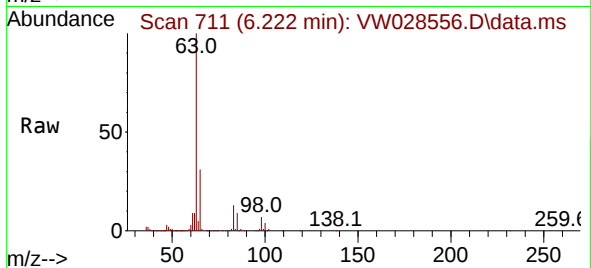
Tgt Ion: 63 Resp: 269515

Ion Ratio Lower Upper

63 100

65 31.3 21.8 40.4

83 12.7 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 23.478 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

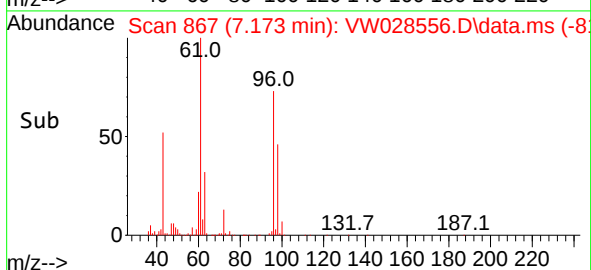
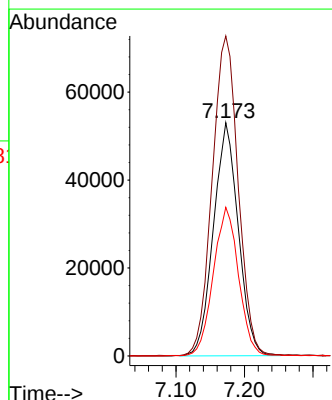
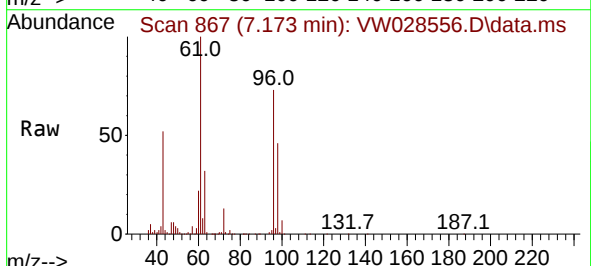
Tgt Ion: 96 Resp: 133555

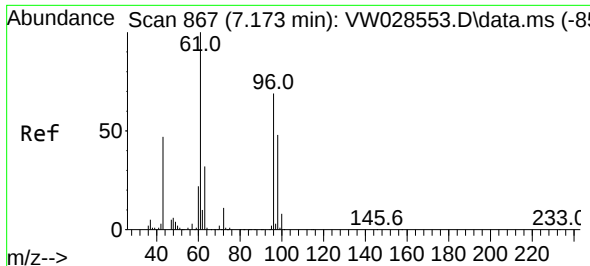
Ion Ratio Lower Upper

96 100

61 137.1 97.6 181.2

98 63.7 47.7 88.5

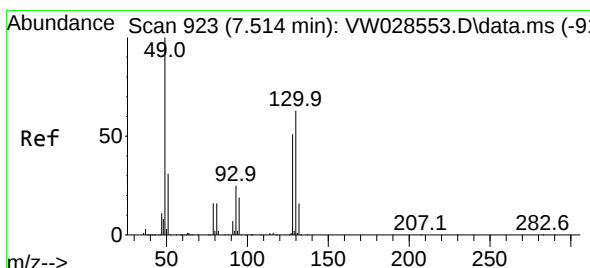
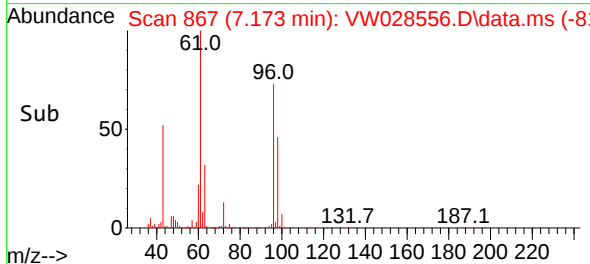
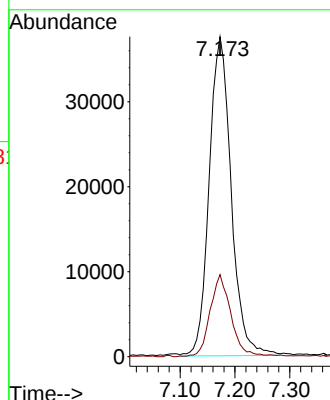
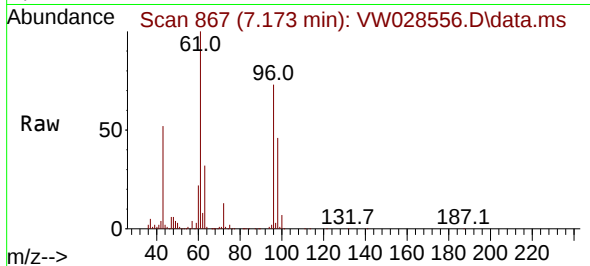




#22
2-Butanone
Concen: 61.019 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

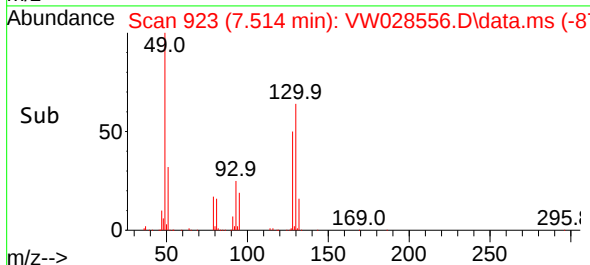
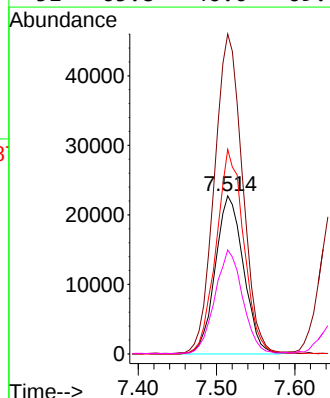
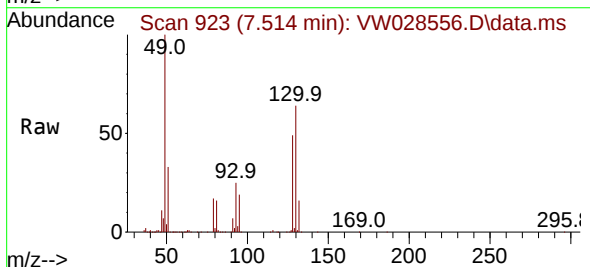
Instrument :
MSVOA_W
ClientSampleId :
E0Y32MS

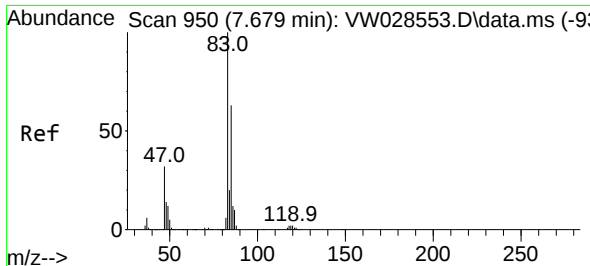
Tgt Ion: 43 Resp: 104728
Ion Ratio Lower Upper
43 100
72 23.6 12.8 38.4



#23
Bromochloromethane
Concen: 23.225 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

Tgt Ion: 128 Resp: 56906
Ion Ratio Lower Upper
128 100
49 202.3 127.1 236.0
130 129.3 78.3 145.5
51 65.8 46.0 69.0

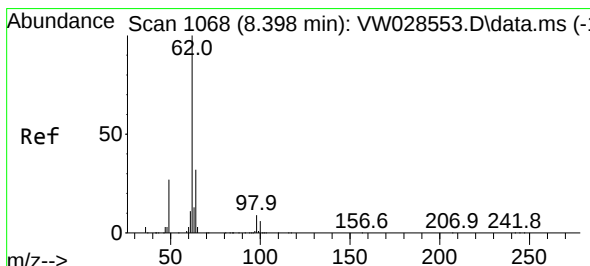
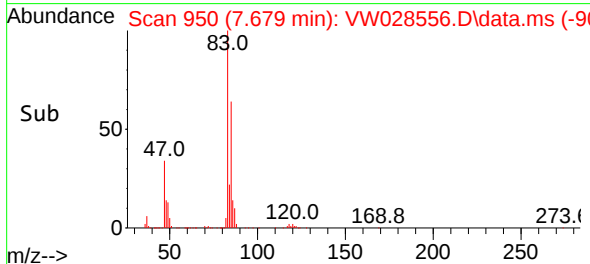
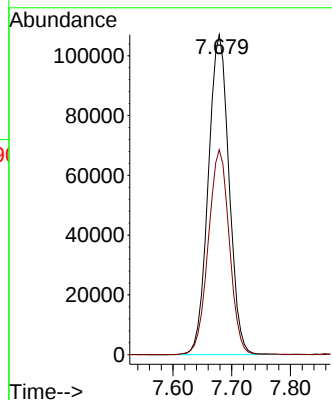
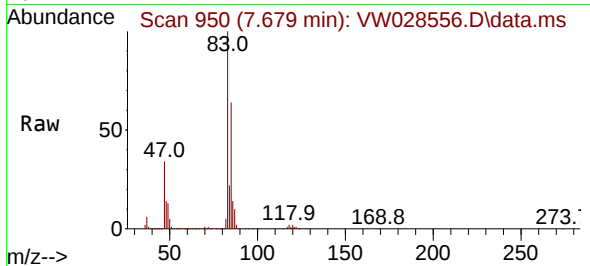




#25
Chloroform
Concen: 25.561 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

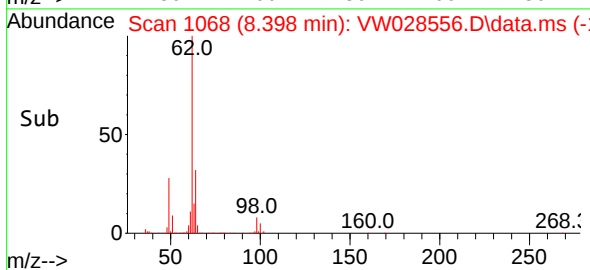
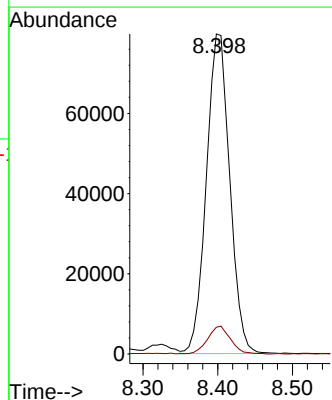
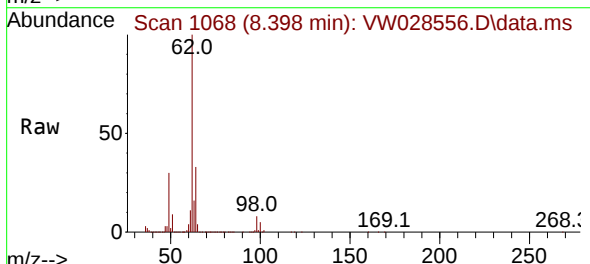
Instrument :
MSVOA_W
ClientSampleId :
E0Y32MS

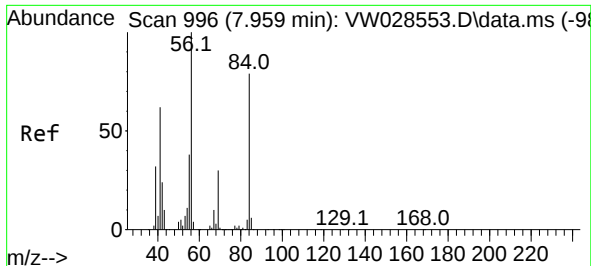
Tgt Ion: 83 Resp: 262207
Ion Ratio Lower Upper
83 100
85 64.0 47.7 88.7



#27
1,2-Dichloroethane
Concen: 24.496 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

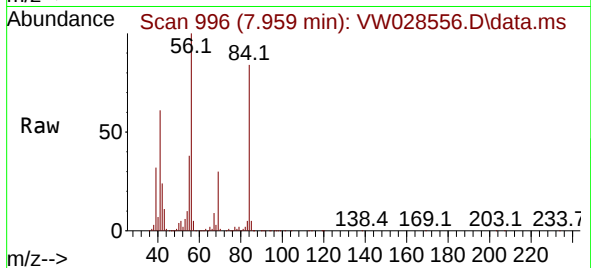
Tgt Ion: 62 Resp: 173433
Ion Ratio Lower Upper
62 100
98 8.3 6.6 10.0



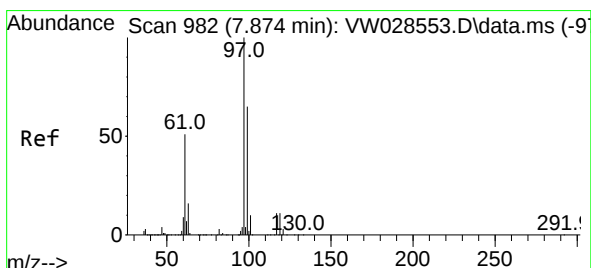
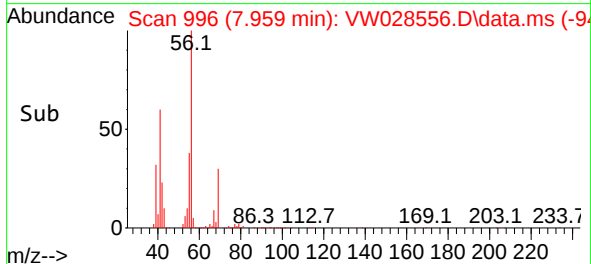
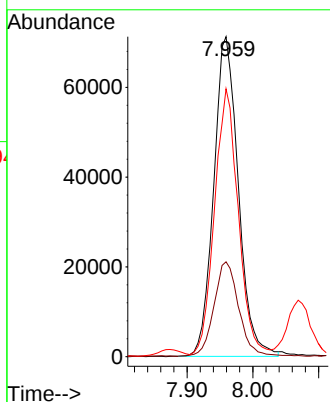


#29
Cyclohexane
Concen: 24.507 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

Instrument :
MSVOA_W
ClientSampleId :
E0Y32MS

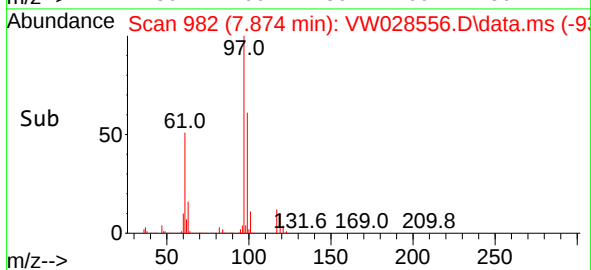
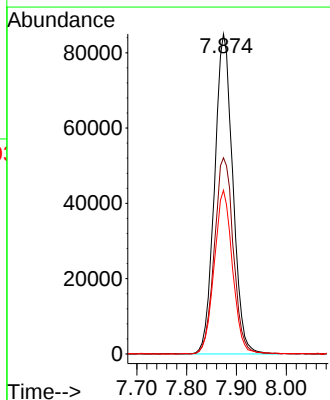
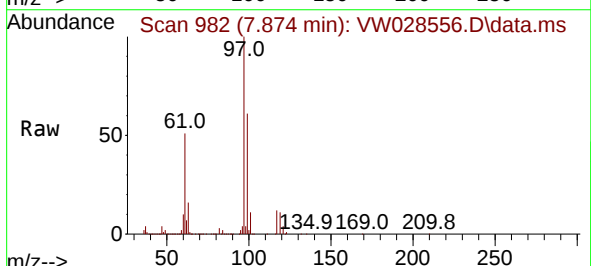


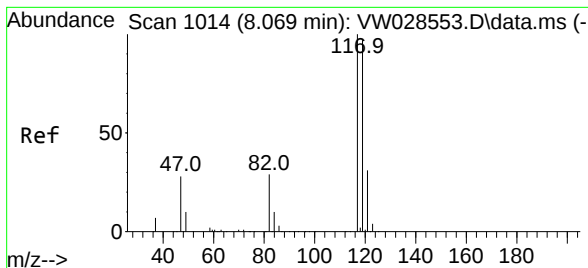
Tgt Ion:	56	69	84
Resp:	185612	29.5	81.3
Lower		23.8	65.9
Upper		35.6	98.9



#30
1,1,1-Trichloroethane
Concen: 31.068 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

Tgt Ion:	97	99	61
Resp:	216051	63.5	51.3
Lower		51.4	40.5
Upper		77.2	60.7

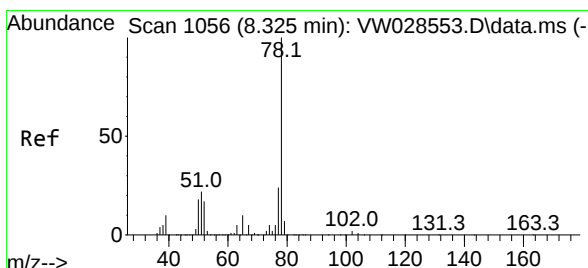
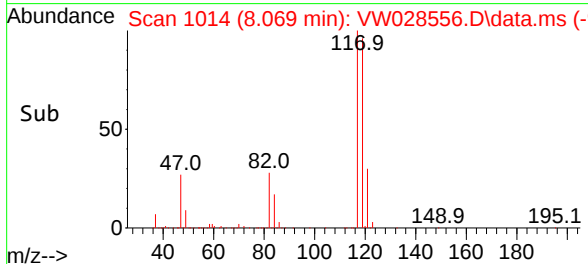
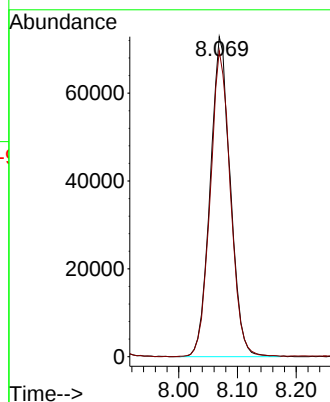
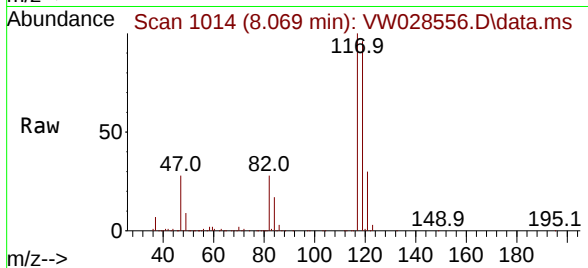




#31
Carbon tetrachloride
Concen: 28.128 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

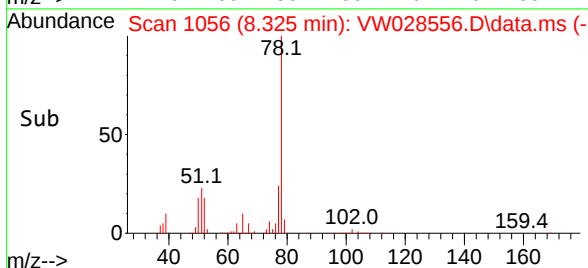
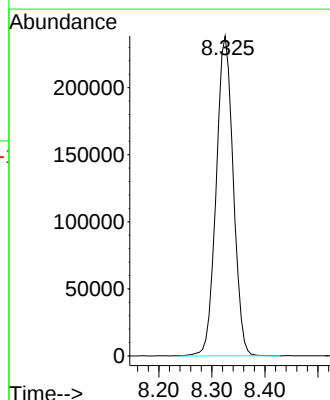
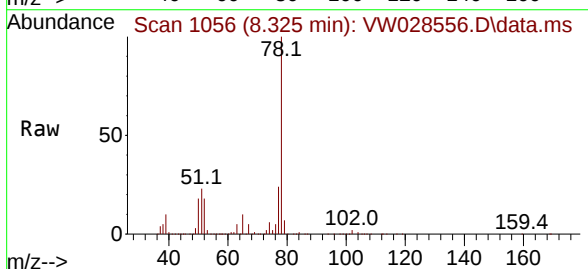
Instrument :
MSVOA_W
ClientSampleId :
E0Y32MS

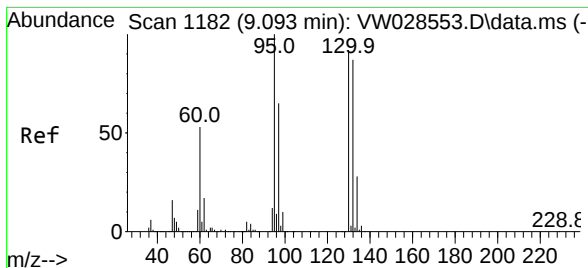
Tgt Ion:117 Resp: 173455
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.2



#33
Benzene
Concen: 29.720 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

Tgt Ion: 78 Resp: 532805





#34

Trichloroethene

Concen: 26.058 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

E0Y32MS

Tgt Ion: 95 Resp: 126599

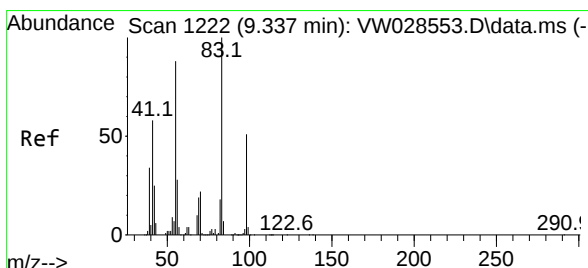
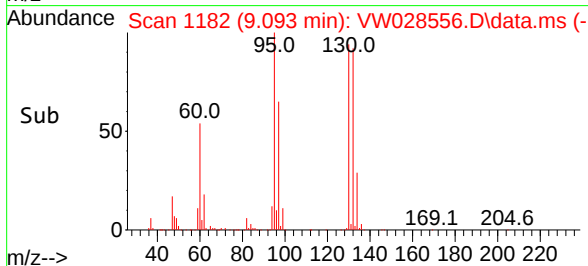
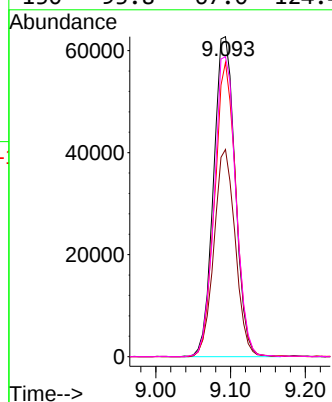
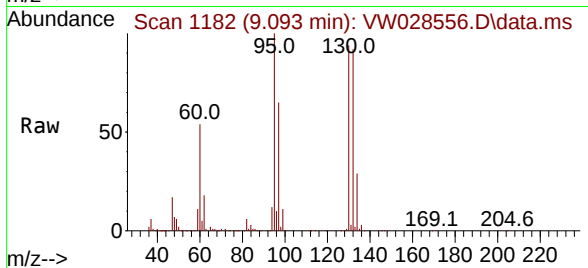
Ion Ratio Lower Upper

95 100

97 64.7 43.8 81.4

132 91.9 66.1 122.8

130 93.8 67.0 124.4



#35

Methylcyclohexane

Concen: 17.179 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

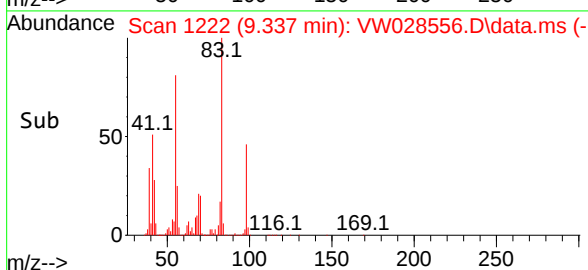
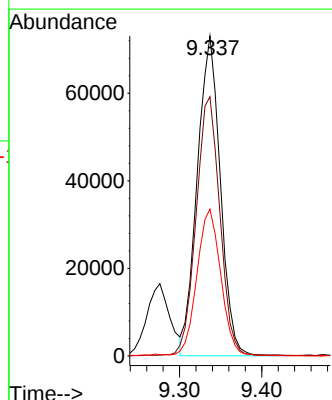
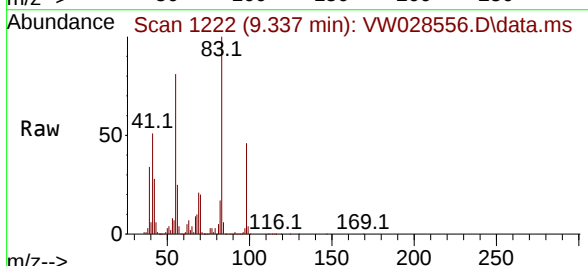
Tgt Ion: 83 Resp: 142421

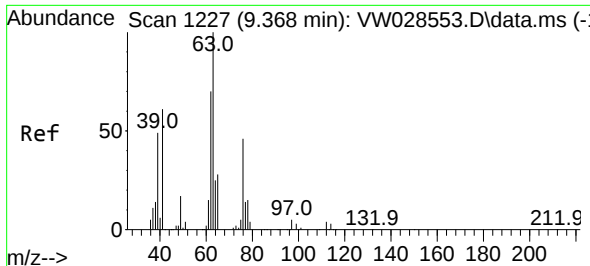
Ion Ratio Lower Upper

83 100

55 82.8 65.7 98.5

98 47.6 38.6 58.0





#37

1,2-Dichloropropane

Concen: 30.240 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

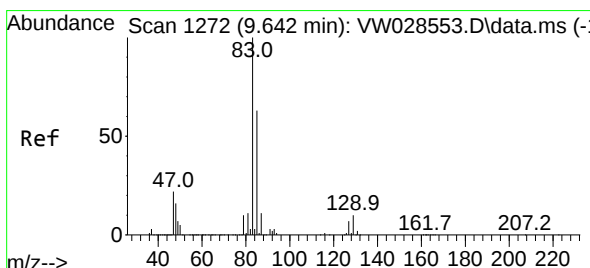
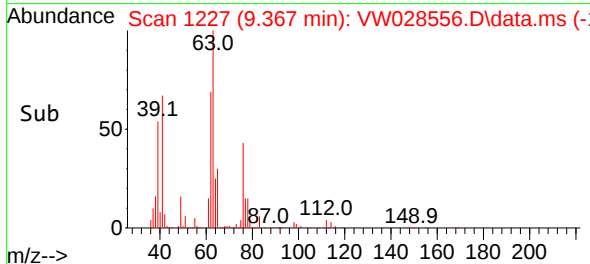
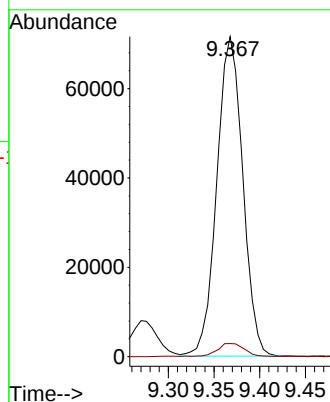
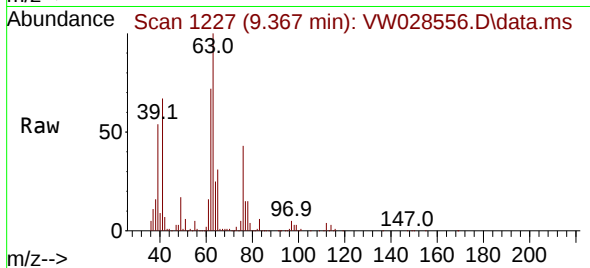
E0Y32MS

Tgt Ion: 63 Resp: 141301

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 28.455 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

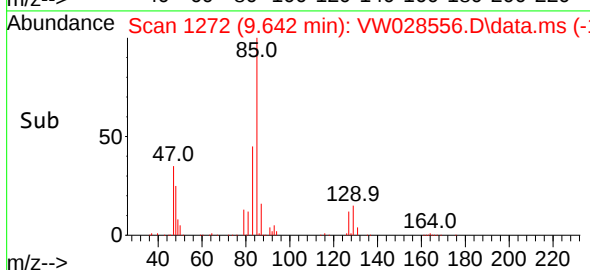
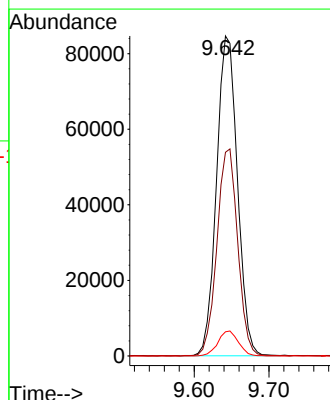
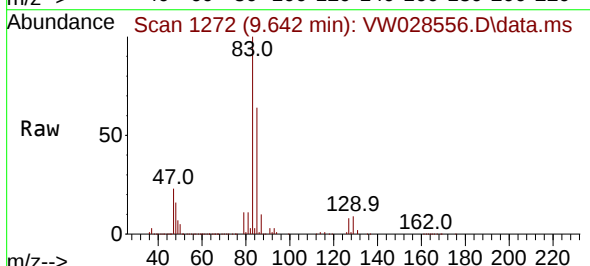
Tgt Ion: 83 Resp: 164803

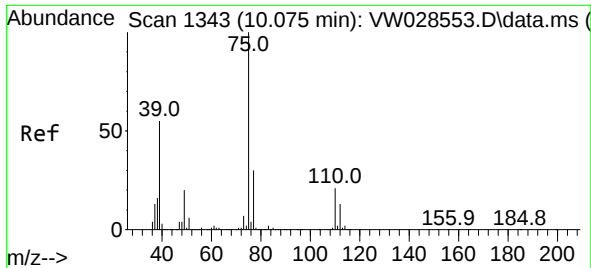
Ion Ratio Lower Upper

83 100

85 63.7 43.1 80.1

127 7.6 6.4 9.6

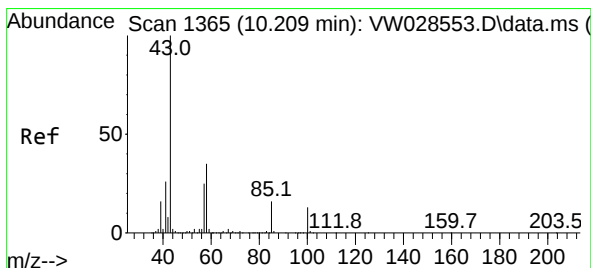
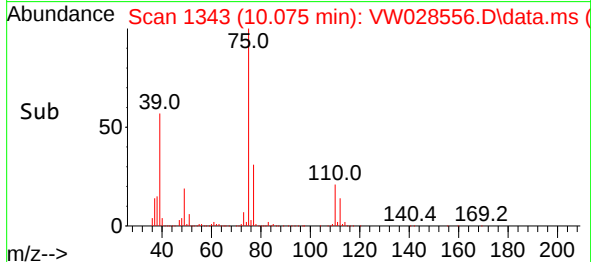
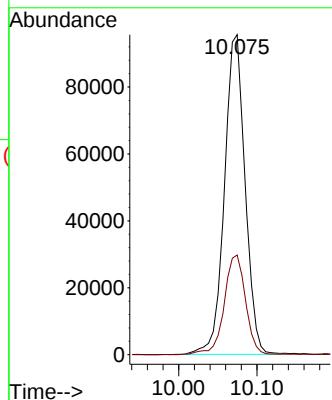
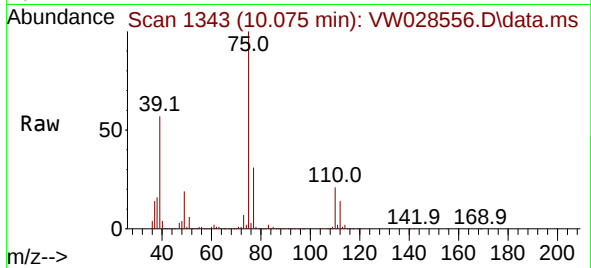




#39
cis-1,3-Dichloropropene
Concen: 25.537 ug/L
RT: 10.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

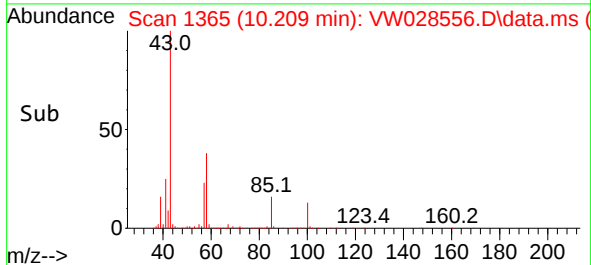
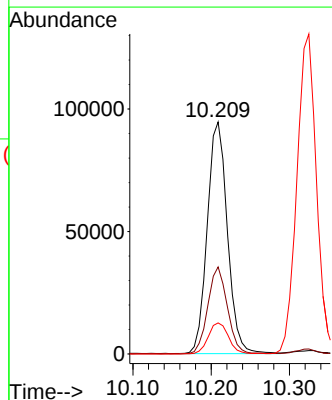
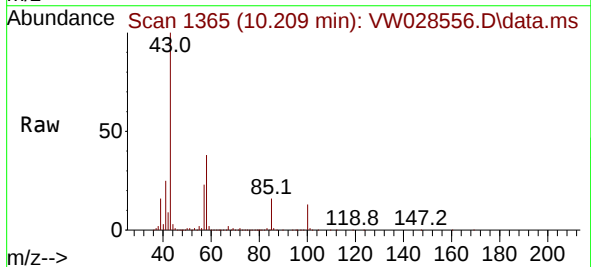
Instrument :
MSVOA_W
ClientSampleId :
E0Y32MS

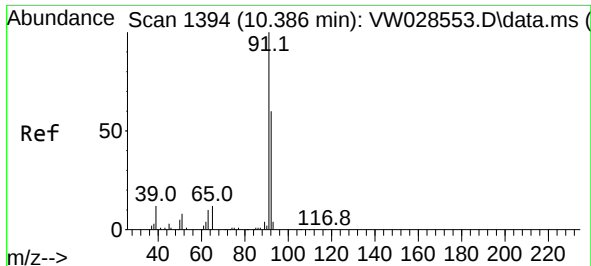
Tgt Ion: 75 Resp: 174982
Ion Ratio Lower Upper
75 100
77 31.2 21.3 39.5



#40
4-Methyl-2-pentanone
Concen: 72.082 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

Tgt Ion: 43 Resp: 168607
Ion Ratio Lower Upper
43 100
58 36.5 28.6 43.0
100 13.5 10.6 16.0

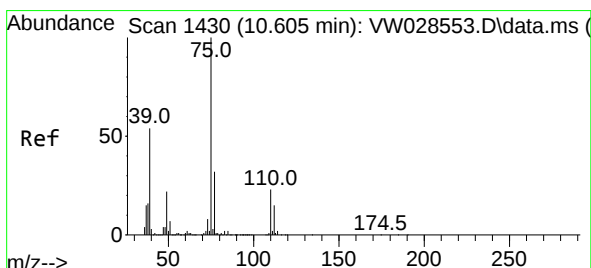
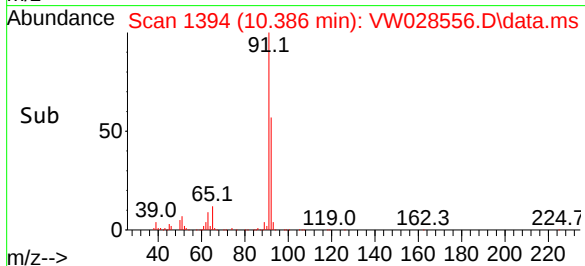
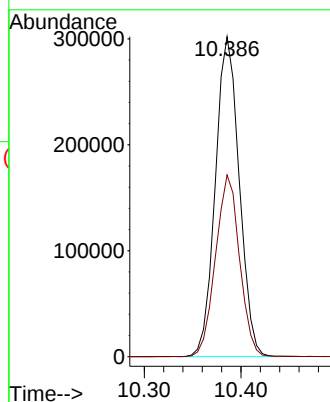
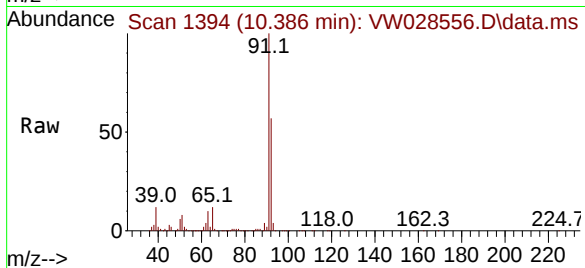




#42
Toluene
Concen: 27.268 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

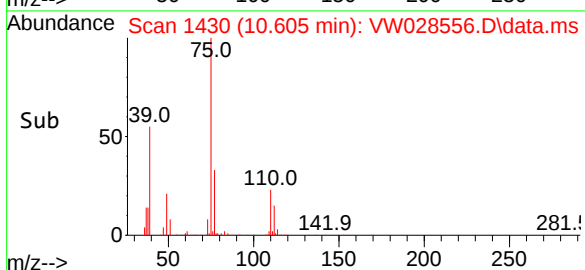
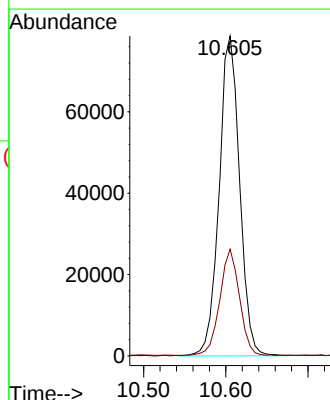
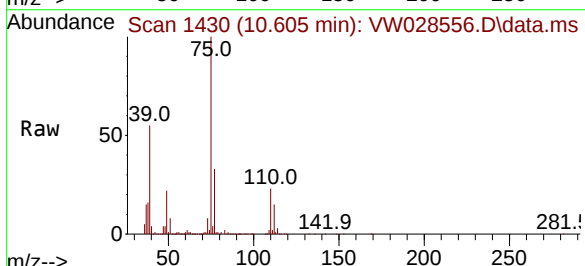
Instrument :
MSVOA_W
ClientSampleId :
E0Y32MS

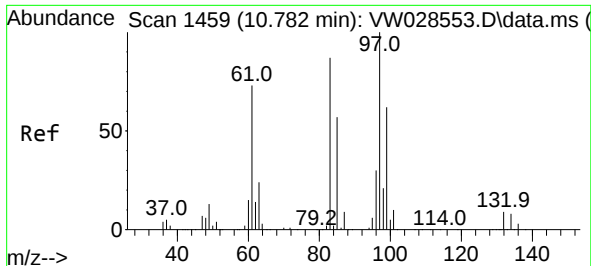
Tgt Ion: 91 Resp: 517886
Ion Ratio Lower Upper
91 100
92 56.8 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 24.573 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

Tgt Ion: 75 Resp: 136214
Ion Ratio Lower Upper
75 100
77 33.4 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 29.186 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

E0Y32MS

Tgt Ion: 97 Resp: 92263

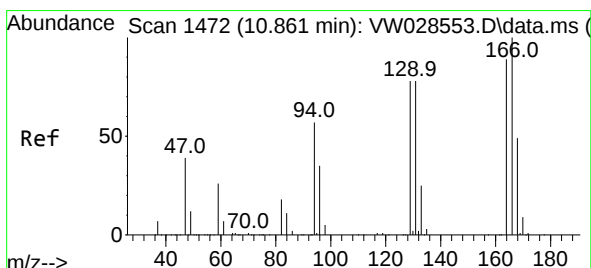
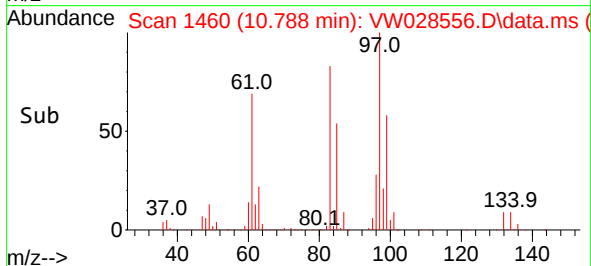
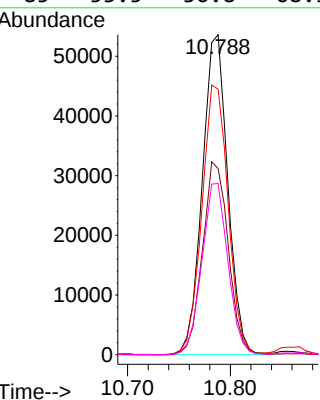
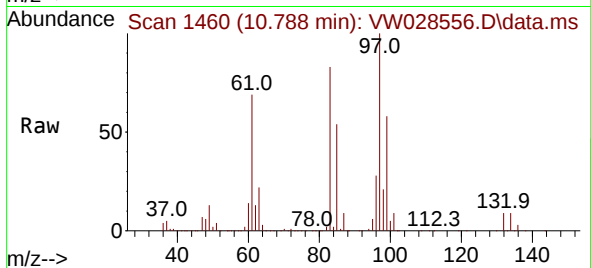
Ion Ratio Lower Upper

97 100

99 58.1 44.2 82.2

83 82.9 56.4 104.7

85 53.5 36.8 68.3



#46

Tetrachloroethene

Concen: 21.534 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

Tgt Ion:164 Resp: 78149

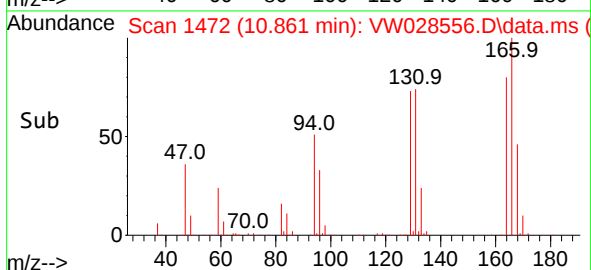
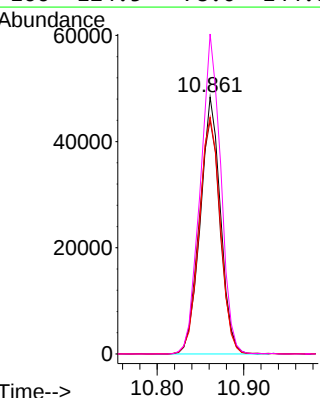
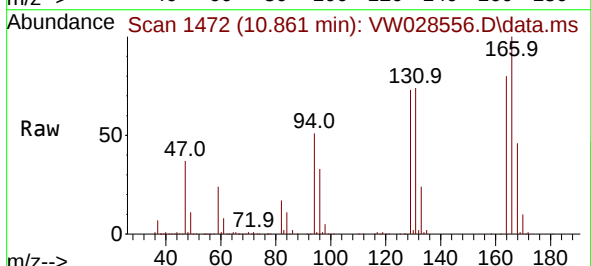
Ion Ratio Lower Upper

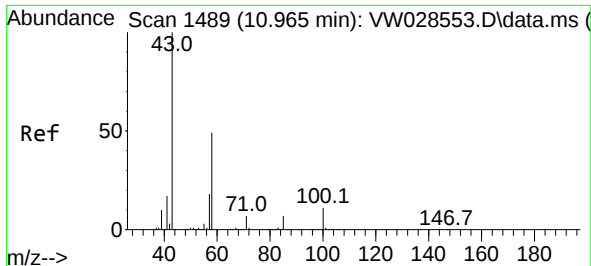
164 100

129 90.9 59.7 110.9

131 92.2 58.2 108.2

166 124.5 78.0 144.8

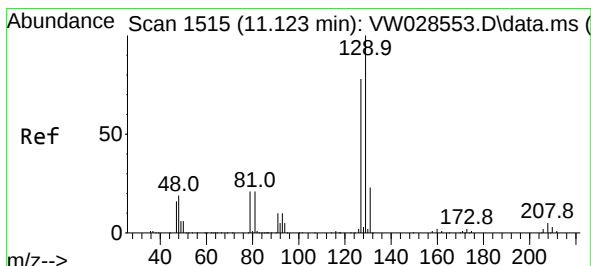
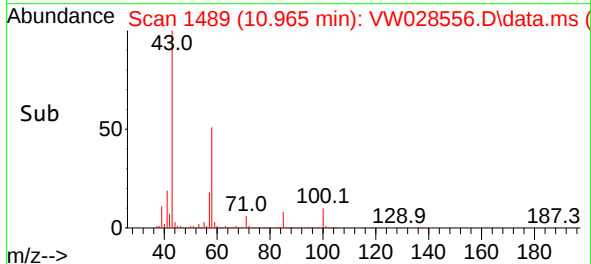
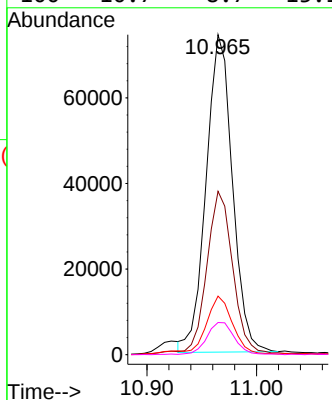
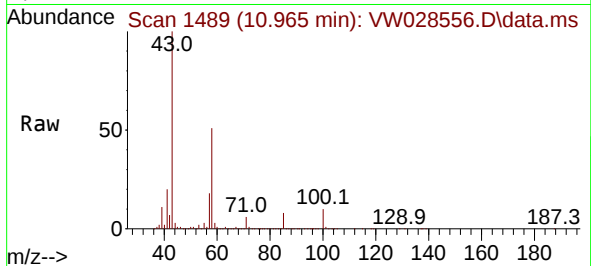




#48
2-Hexanone
Concen: 66.685 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

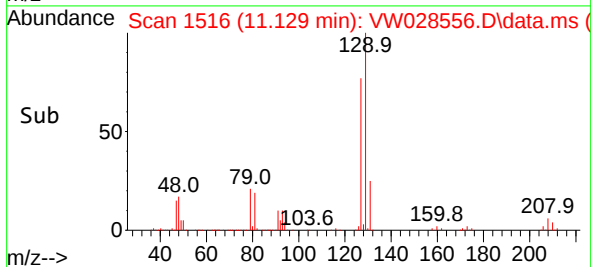
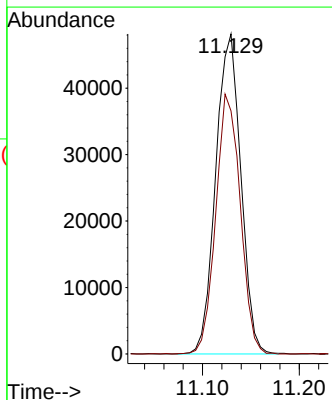
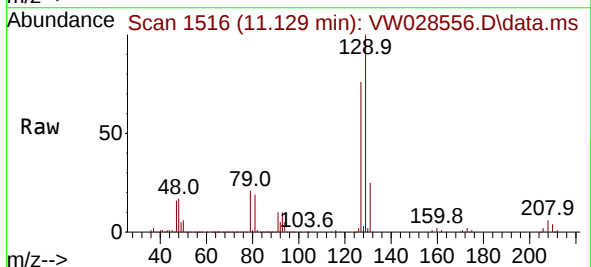
Instrument :
MSVOA_W
ClientSampleId :
E0Y32MS

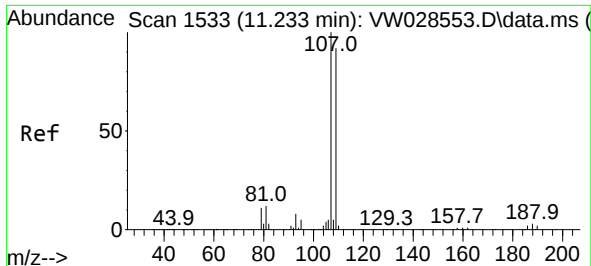
Tgt Ion: 43 Resp: 123814
Ion Ratio Lower Upper
43 100
58 51.3 38.9 58.3
57 18.1 14.4 21.6
100 10.7 8.7 13.1



#49
Dibromochloromethane
Concen: 25.740 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

Tgt Ion: 129 Resp: 86969
Ion Ratio Lower Upper
129 100
127 75.9 53.0 98.4





#50

1,2-Dibromoethane

Concen: 26.320 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

E0Y32MS

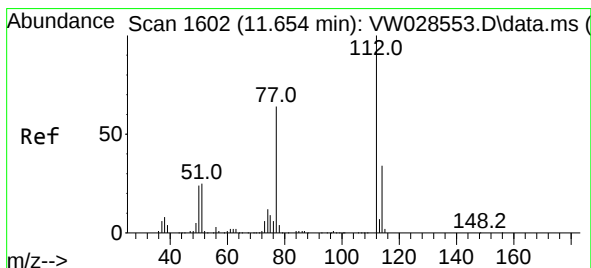
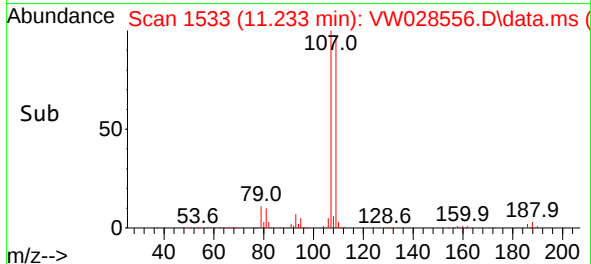
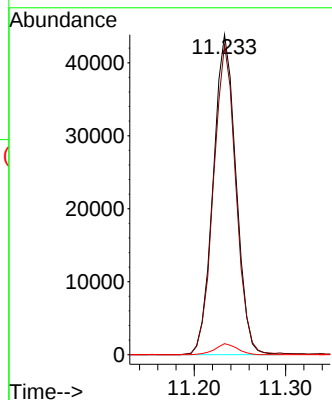
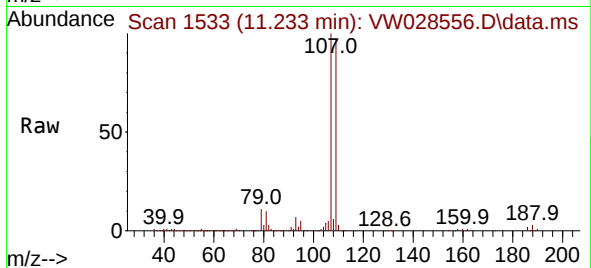
Tgt Ion:107 Resp: 75941

Ion Ratio Lower Upper

107 100

109 96.9 62.1 115.3

188 3.5 3.2 4.8



#51

Chlorobenzene

Concen: 23.648 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

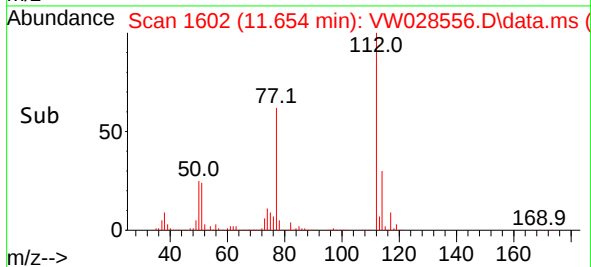
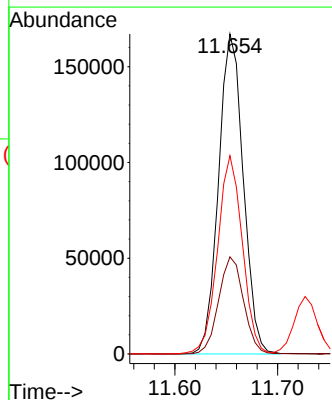
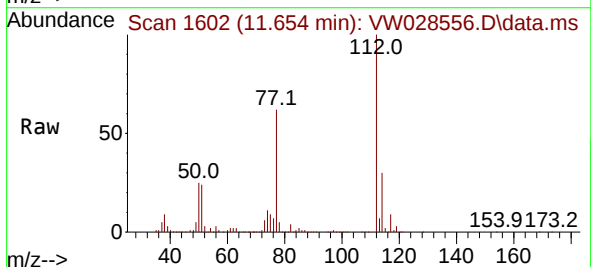
Tgt Ion:112 Resp: 279177

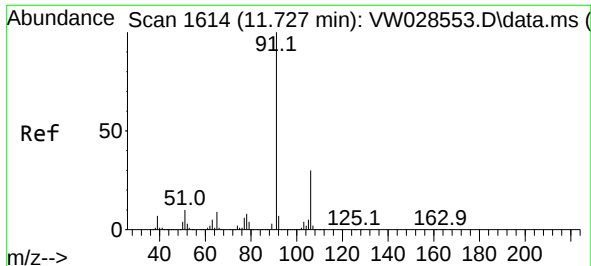
Ion Ratio Lower Upper

112 100

114 30.4 22.3 41.3

77 62.0 51.8 77.8





#52

Ethylbenzene

Concen: 23.763 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

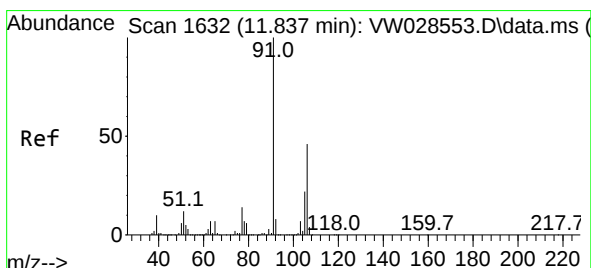
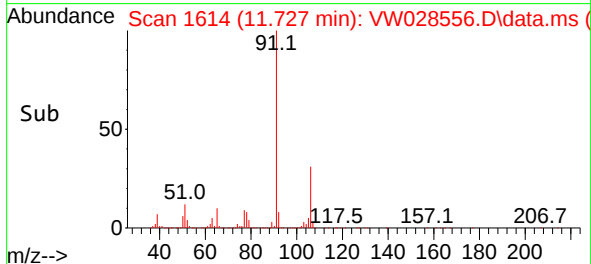
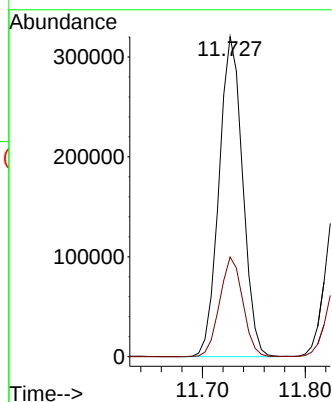
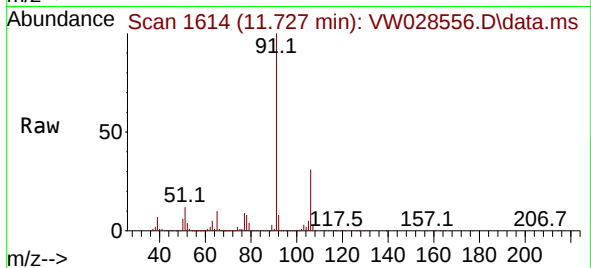
E0Y32MS

Tgt Ion: 91 Resp: 511613

Ion Ratio Lower Upper

91 100

106 31.2 21.2 39.4



#53

m,p-Xylene

Concen: 22.526 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028556.D

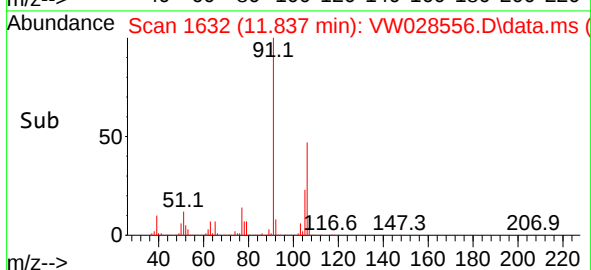
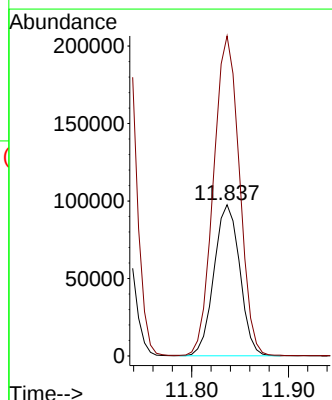
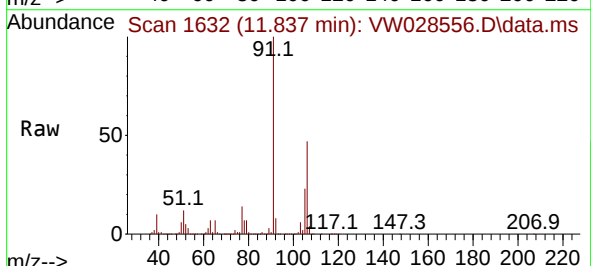
Acq: 01 May 2024 11:01

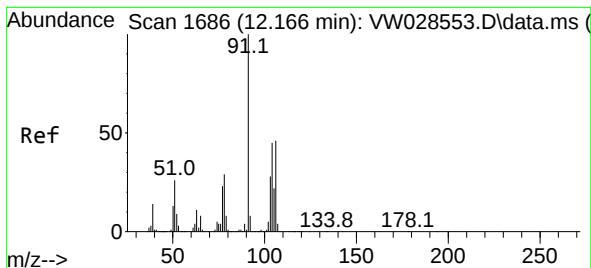
Tgt Ion:106 Resp: 180351

Ion Ratio Lower Upper

106 100

91 211.6 152.4 283.0





#54

o-Xylene

Concen: 24.026 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

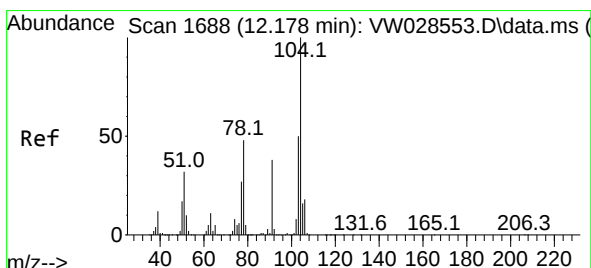
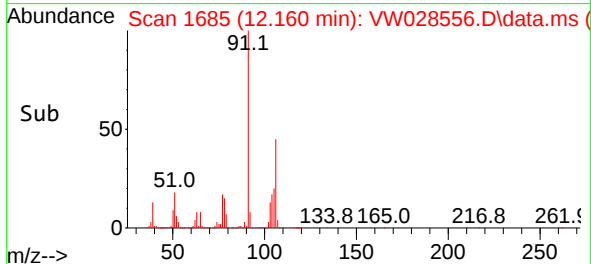
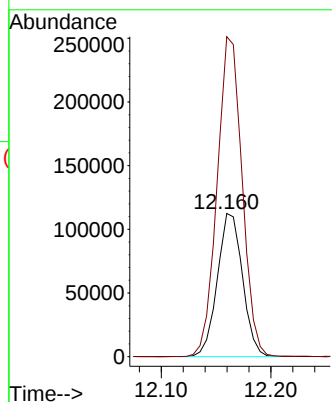
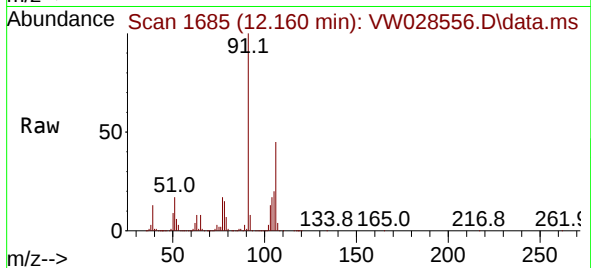
E0Y32MS

Tgt Ion:106 Resp: 179110

Ion Ratio Lower Upper

106 100

91 223.5 152.9 283.9



#55

Styrene

Concen: 21.273 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028556.D

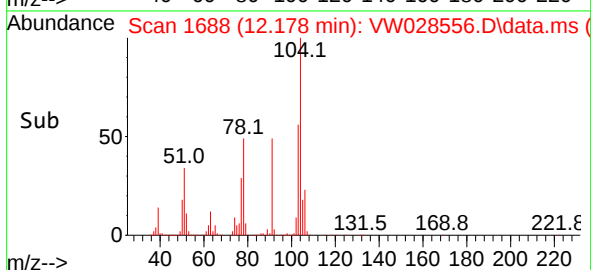
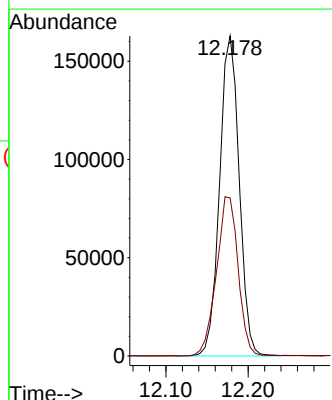
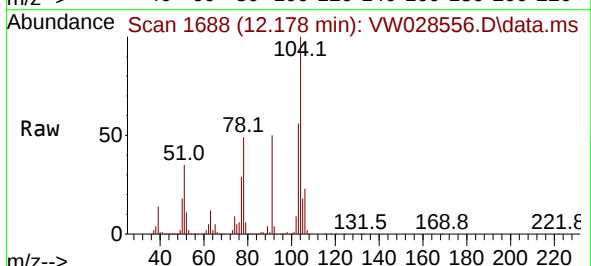
Acq: 01 May 2024 11:01

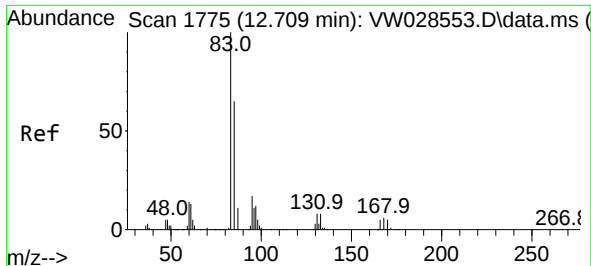
Tgt Ion:104 Resp: 269910

Ion Ratio Lower Upper

104 100

78 49.4 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 27.218 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

E0Y32MS

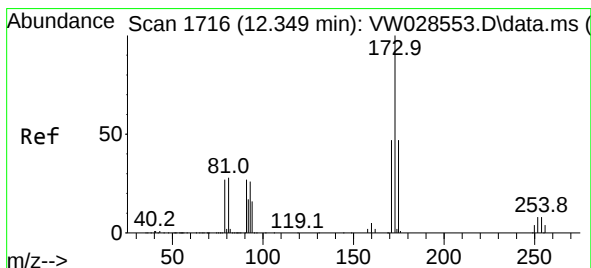
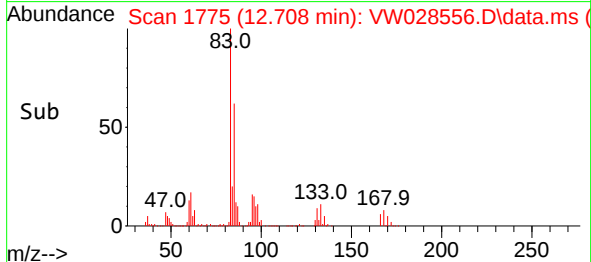
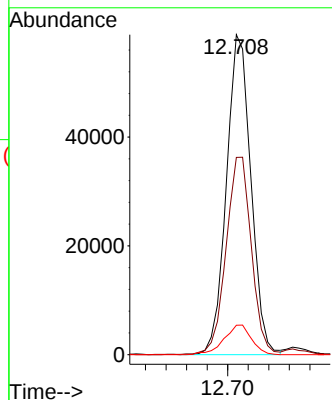
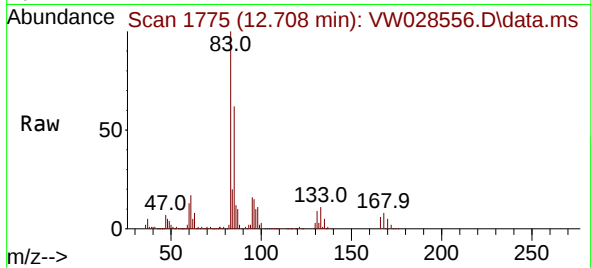
Tgt Ion: 83 Resp: 97373

Ion Ratio Lower Upper

83 100

85 61.6 43.4 80.6

131 9.2 8.0 12.0



#59

Bromoform

Concen: 35.414 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

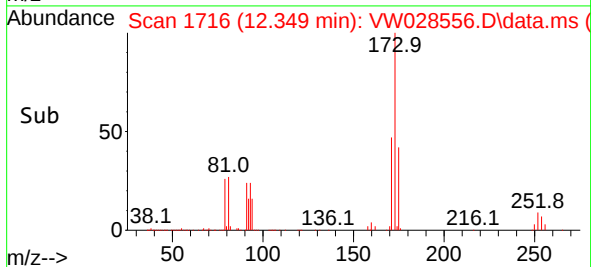
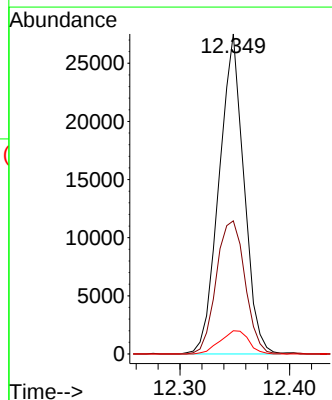
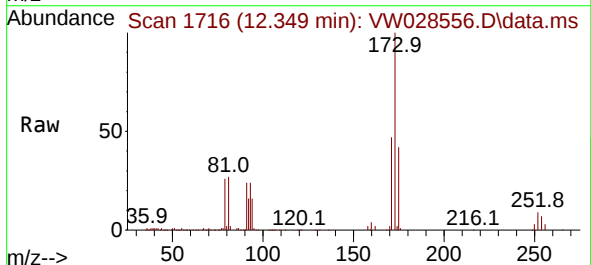
Tgt Ion:173 Resp: 43344

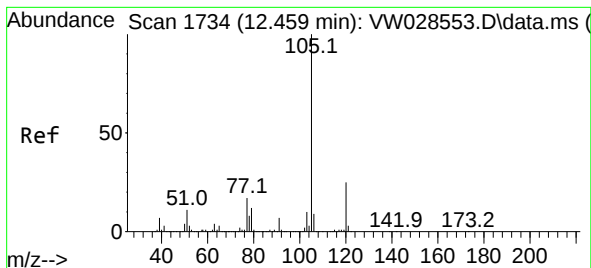
Ion Ratio Lower Upper

173 100

175 48.1 39.2 58.8

254 8.3 8.3 12.5





#60

Isopropylbenzene

Concen: 32.037 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

E0Y32MS

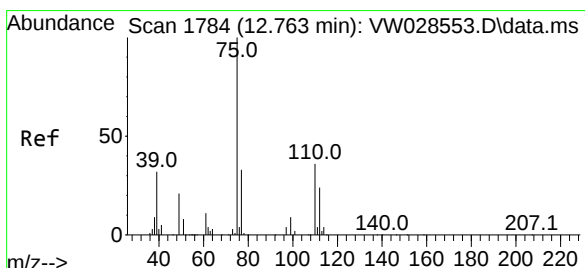
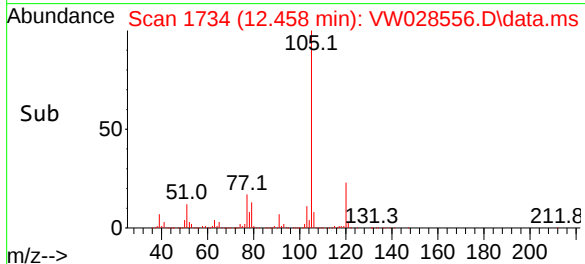
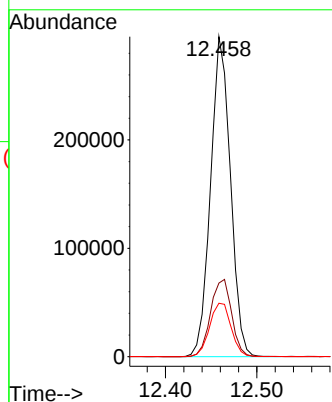
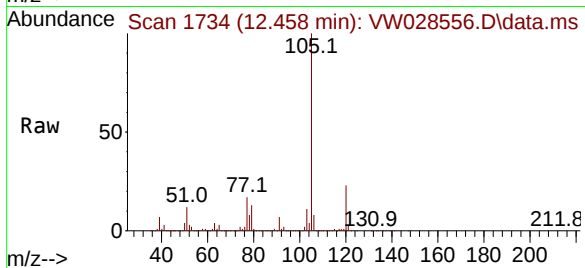
Tgt Ion:105 Resp: 445330

Ion Ratio Lower Upper

105 100

120 25.6 20.8 31.2

77 18.1 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 43.728 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

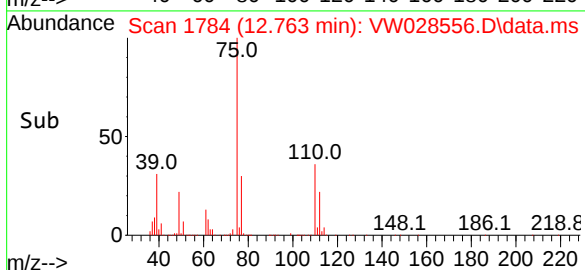
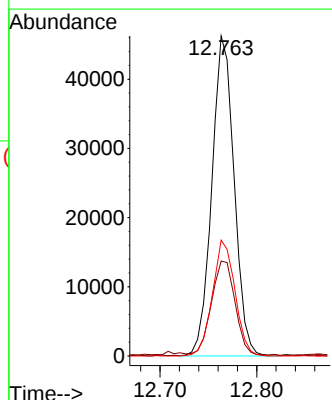
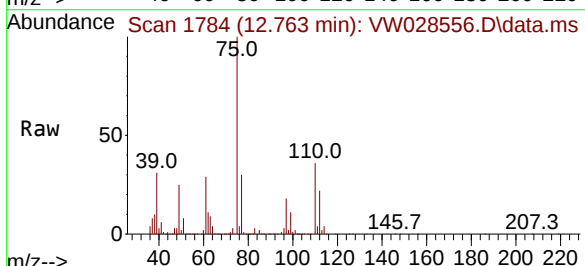
Tgt Ion: 75 Resp: 74128

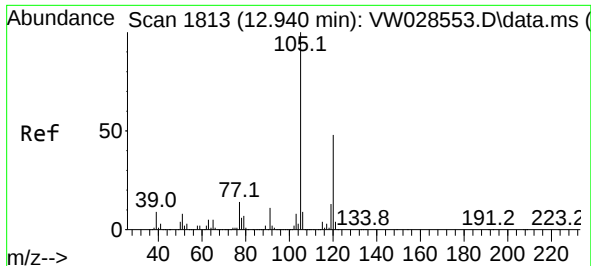
Ion Ratio Lower Upper

75 100

77 31.6 26.1 39.1

110 36.6 30.6 46.0

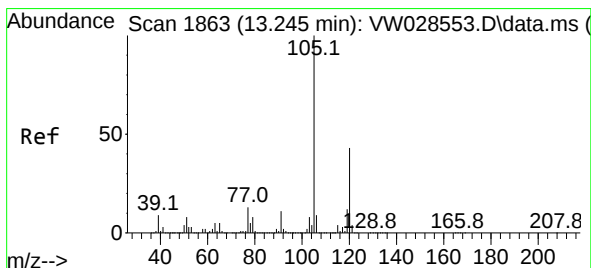
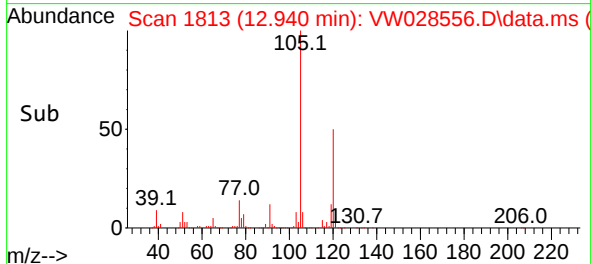
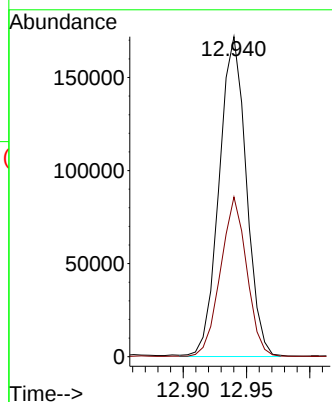
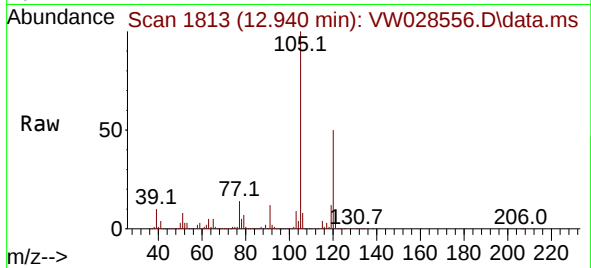




#62
1,3,5-Trimethylbenzene
Concen: 28.949 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

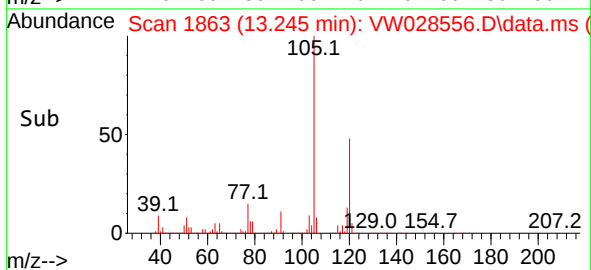
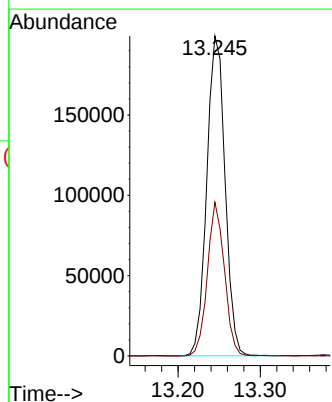
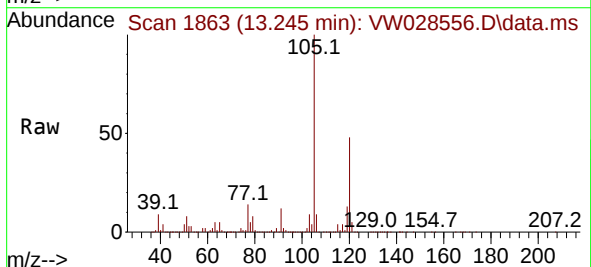
Instrument :
MSVOA_W
ClientSampleId :
E0Y32MS

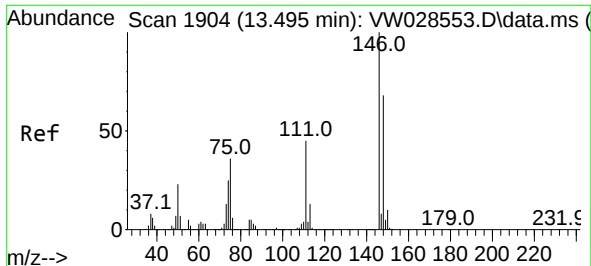
Tgt Ion:105 Resp: 256485
Ion Ratio Lower Upper
105 100
120 48.2 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 28.885 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

Tgt Ion:105 Resp: 307978
Ion Ratio Lower Upper
105 100
120 44.7 35.4 53.0

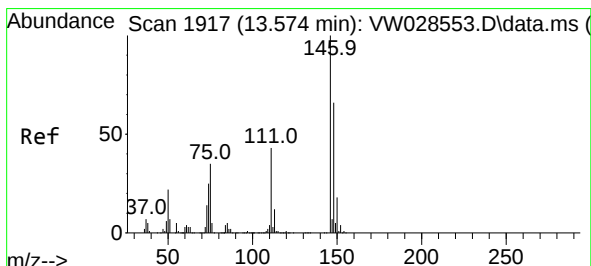
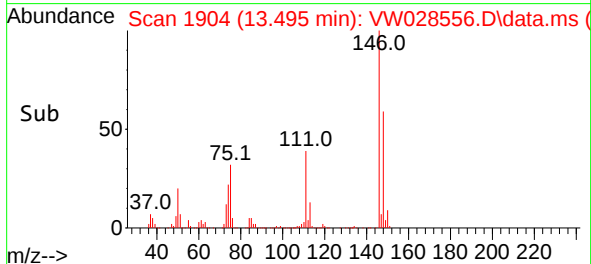
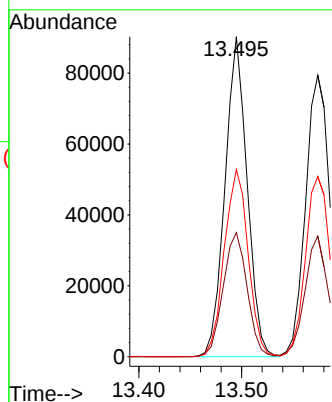
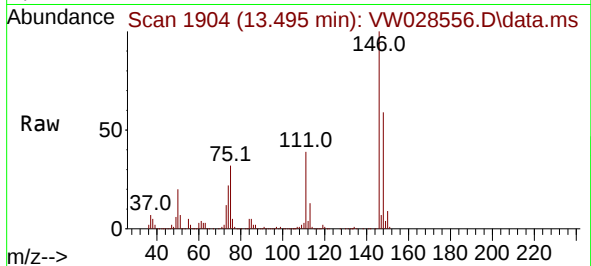




#64
1,3-Dichlorobenzene
Concen: 22.939 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

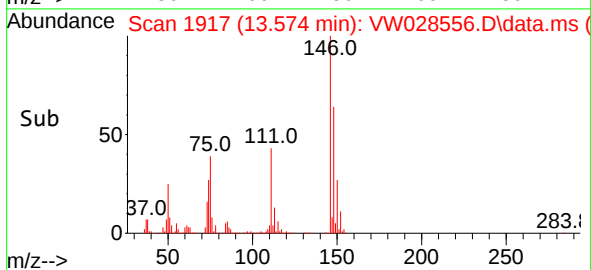
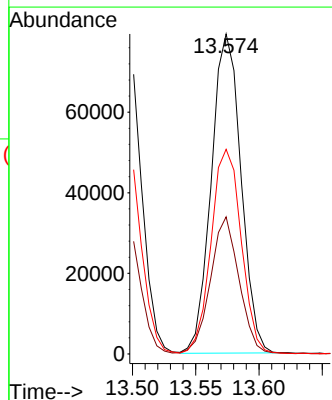
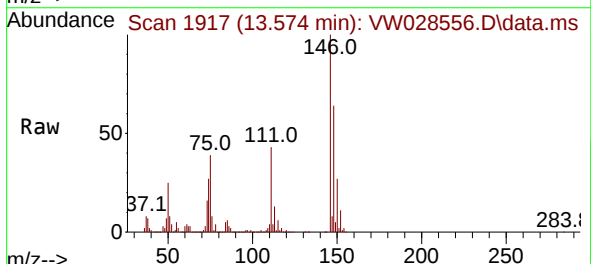
Instrument :
MSVOA_W
ClientSampleId :
E0Y32MS

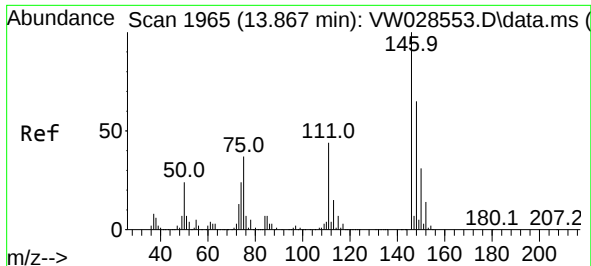
Tgt Ion:146 Resp: 135298
Ion Ratio Lower Upper
146 100
111 38.7 29.8 55.3
148 58.5 47.3 87.8



#65
1,4-Dichlorobenzene
Concen: 21.533 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

Tgt Ion:146 Resp: 129192
Ion Ratio Lower Upper
146 100
111 42.8 30.3 56.3
148 64.0 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 22.482 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

E0Y32MS

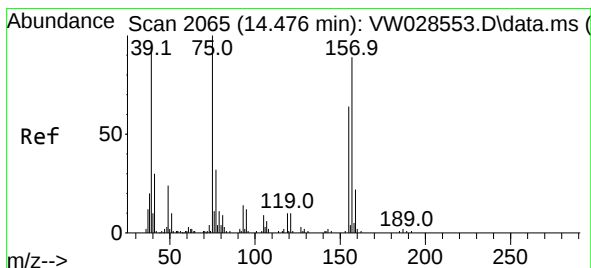
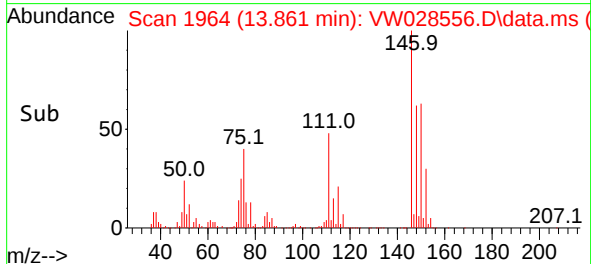
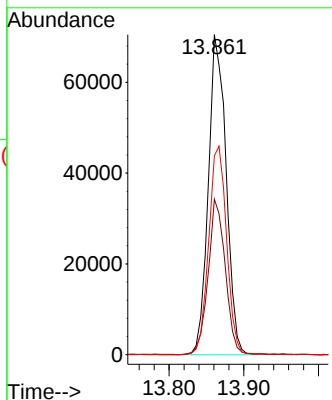
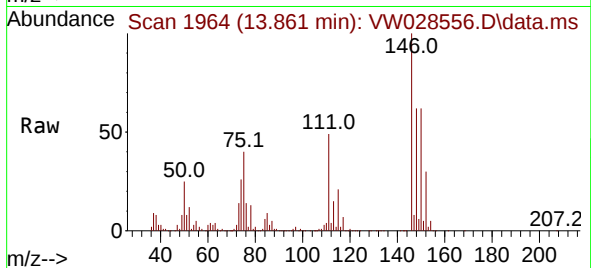
Tgt Ion:146 Resp: 116640

Ion Ratio Lower Upper

146 100

111 48.6 31.4 47.2#

148 62.2 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 35.054 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

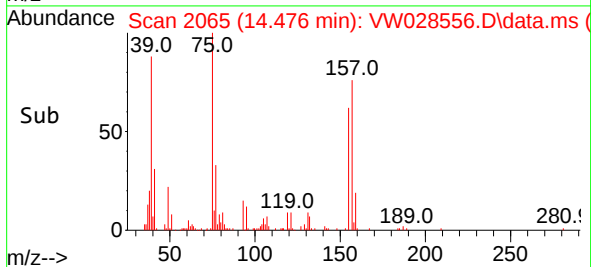
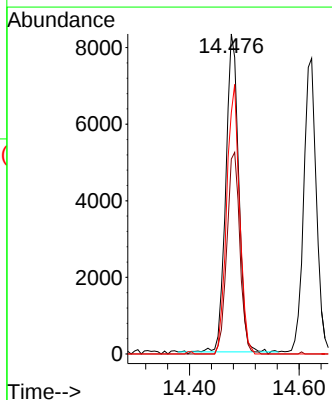
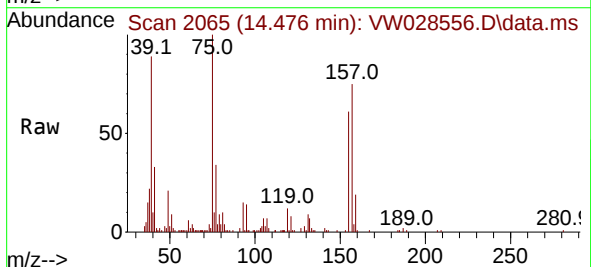
Tgt Ion: 75 Resp: 13617

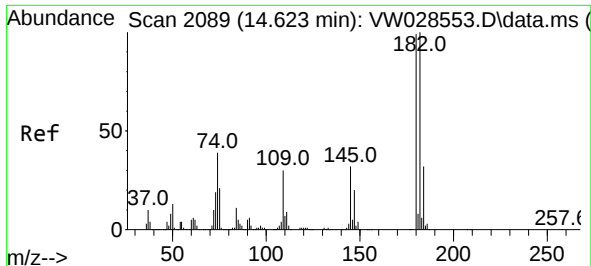
Ion Ratio Lower Upper

75 100

155 60.9 61.2 91.8#

157 75.4 73.3 109.9

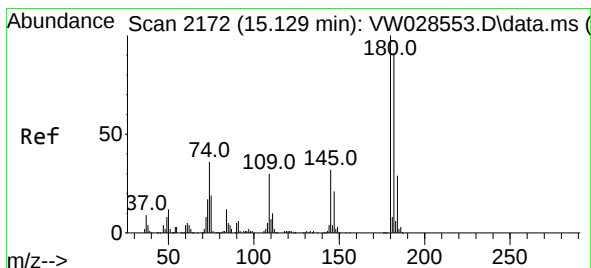
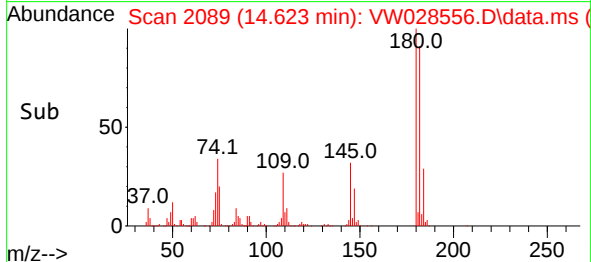
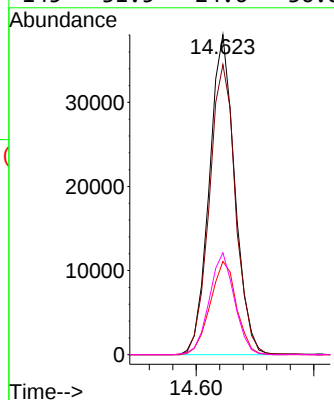
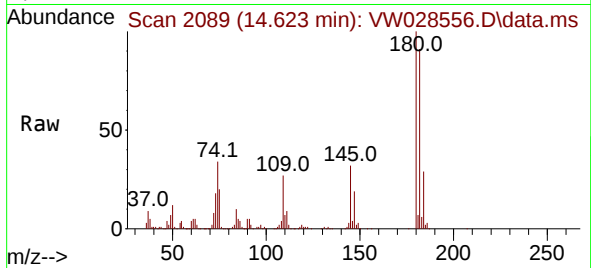




#69
1,3,5-Trichlorobenzene
Concen: 14.096 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

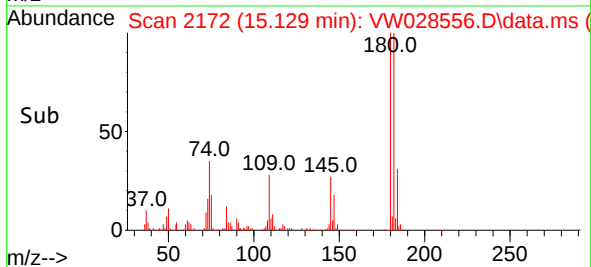
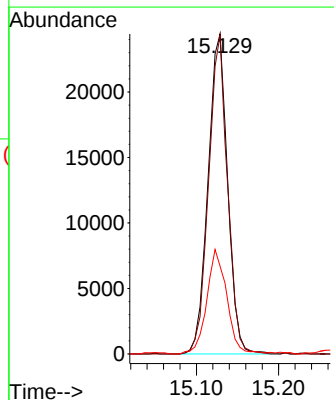
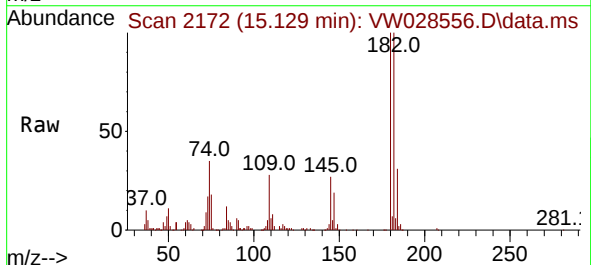
Instrument :
MSVOA_W
ClientSampleId :
E0Y32MS

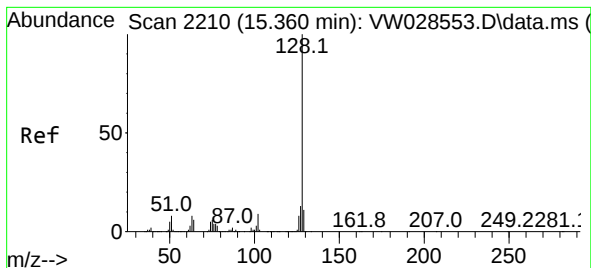
Tgt Ion:180	Resp:	57212
Ion Ratio	Lower	Upper
180	100	
182	93.5	77.4 116.0
184	30.2	24.8 37.2
145	31.5	24.6 36.8



#70
1,2,4-trichlorobenzene
Concen: 12.772 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW028556.D
Acq: 01 May 2024 11:01

Tgt Ion:180	Resp:	40480
Ion Ratio	Lower	Upper
180	100	
182	95.9	71.5 107.3
145	33.3	23.5 35.3





#71

Naphthalene

Concen: 21.935 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

Instrument :

MSVOA_W

ClientSampleId :

E0Y32MS

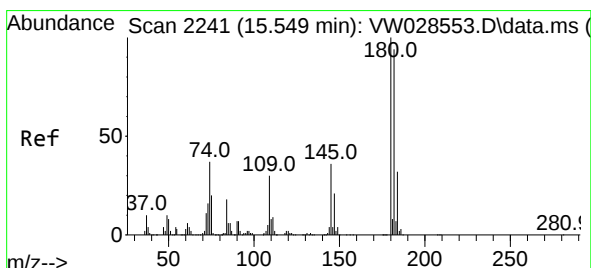
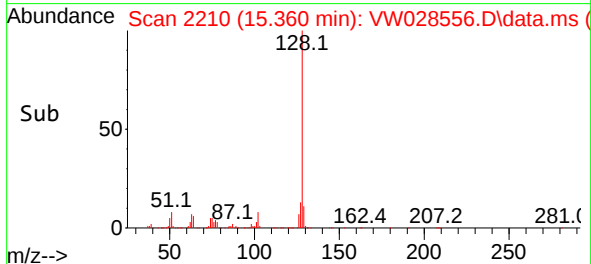
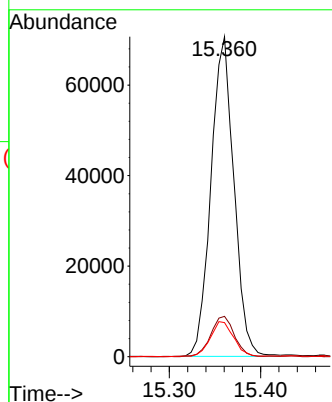
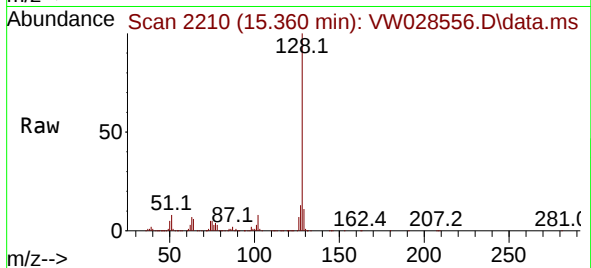
Tgt Ion:128 Resp: 123042

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 11.2 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 12.270 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028556.D

Acq: 01 May 2024 11:01

Tgt Ion:180 Resp: 34510

Ion Ratio Lower Upper

180 100

182 92.6 75.7 113.5

145 34.5 26.2 39.4

