

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
 Data File : VW031555.D
 Acq On : 10 Jan 2025 10:09
 Operator : SY/MD
 Sample : VSTD00553
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 11 03:11:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jan 11 03:10:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	622364	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	536950	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	251065	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	54627	5.594	ug/L	0.00
7) Chloroethane-d5	2.899	69	37955	5.442	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	23489	5.385	ug/L	0.00
21) 2-Butanone-d5	7.112	46	14167	9.116	ug/L	0.01
24) Chloroform-d	7.655	84	83310	5.172	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.313	65	40028	5.049	ug/L	0.00
32) Benzene-d6	8.276	84	171182	5.075	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	49991	5.020	ug/L	0.00
41) Toluene-d8	10.325	98	152709	5.016	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	19113	4.674	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	9457	9.193	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	30204	4.960	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	44121	5.010	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	41305	5.250	ug/L	98
3) Chloromethane	2.223	50	43833	5.224	ug/L	100
5) Vinyl chloride	2.369	62	55532	5.189	ug/L	97
6) Bromomethane	2.802	94	32719	5.231	ug/L	92
8) Chloroethane	2.936	64	32501	5.167	ug/L	98
9) Trichlorofluoromethane	3.277	101	54816	5.156	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	39734	4.883	ug/L #	85
12) 1,1-Dichloroethene	4.051	96	41935	5.064	ug/L	88
13) Acetone	4.180	43	6659	5.758	ug/L #	63
14) Carbon disulfide	4.393	76	143132	5.131	ug/L	100
15) Methyl Acetate	4.704	43	14605	4.800	ug/L #	78
16) Methylene chloride	4.923	84	44110	5.204	ug/L	89
17) trans-1,2-Dichloroethene	5.435	96	44628	5.017	ug/L	95
18) Methyl tert-butyl Ether	5.435	73	72792	5.104	ug/L	99
19) 1,1-Dichloroethane	6.222	63	83784	5.007	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	47614	5.014	ug/L	98
22) 2-Butanone	7.356	43	174	0.087	ug/L	97
23) Bromochloromethane	7.520	128	18676	5.021	ug/L	91
25) Chloroform	7.679	83	81645	5.129	ug/L	93
27) 1,2-Dichloroethane	8.404	62	49362	5.035	ug/L	97
29) Cyclohexane	7.959	56	87568	5.088	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	71004	5.094	ug/L	98
31) Carbon tetrachloride	8.075	117	61722	4.994	ug/L	98
33) Benzene	8.325	78	187427	5.100	ug/L	100
34) Trichloroethene	9.093	95	49410	5.001	ug/L	94
35) Methylcyclohexane	9.337	83	91329	5.156	ug/L	99
37) 1,2-Dichloropropane	9.368	63	46777	5.064	ug/L	100
38) Bromodichloromethane	9.648	83	54991	4.922	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	70990	4.886	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	45216	9.807	ug/L	99
42) Toluene	10.386	91	196356	5.111	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	56328	4.850	ug/L	98

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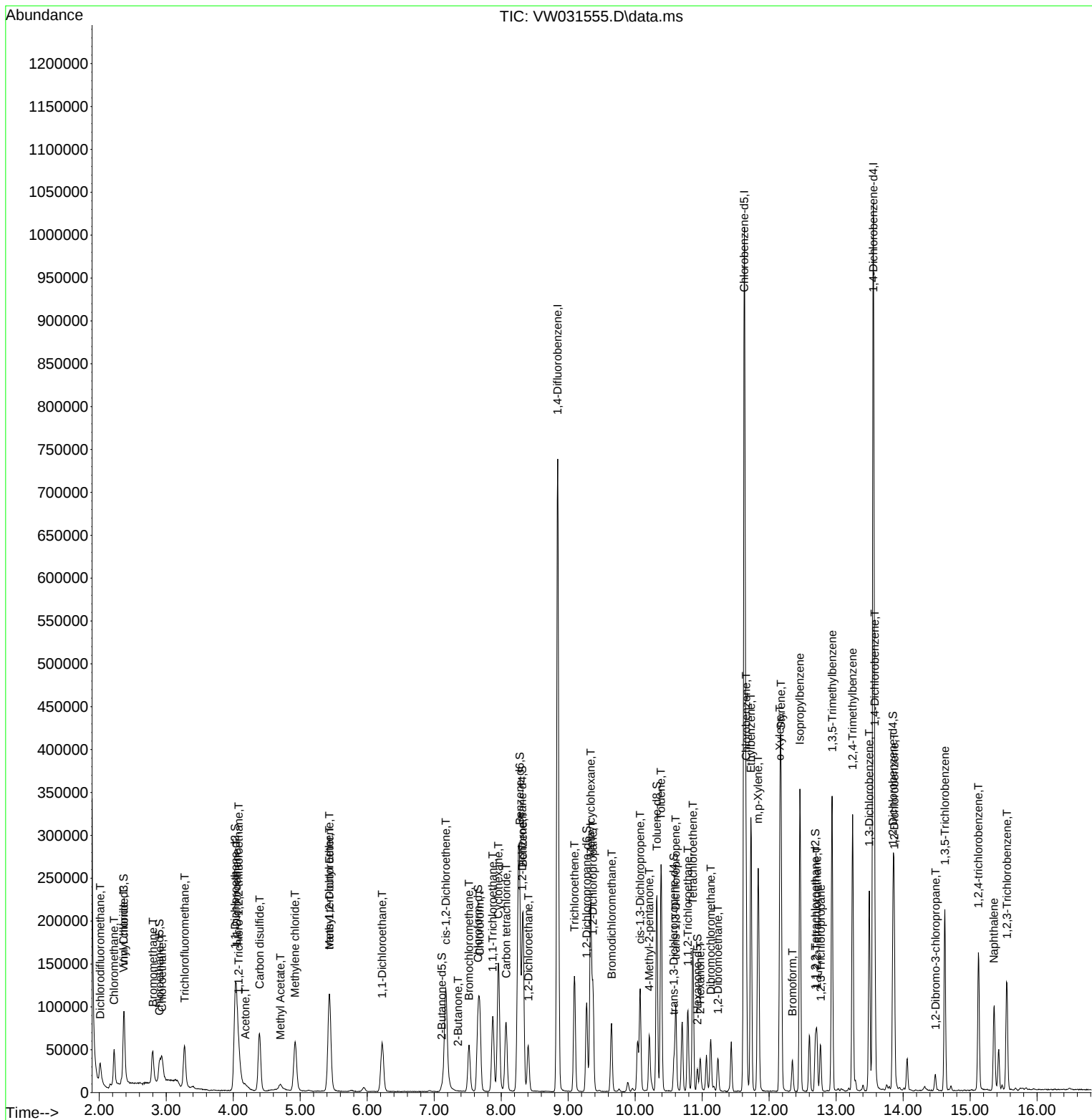
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 ClientSampleId :

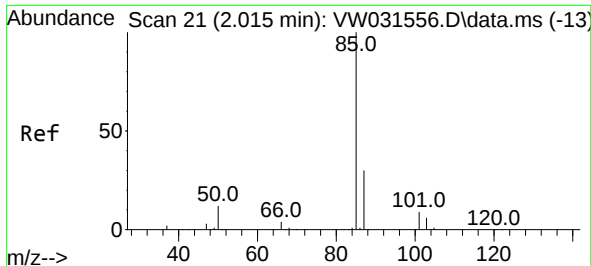
Quant Time: Jan 11 03:11:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jan 11 03:10:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	29707	5.018	ug/L	97
46) Tetrachloroethene	10.861	164	36548	5.155	ug/L	92
48) 2-Hexanone	10.971	43	26585	9.436	ug/L	98
49) Dibromochloromethane	11.130	129	32061	4.922	ug/L	96
50) 1,2-Dibromoethane	11.233	107	27121	4.943	ug/L	93
51) Chlorobenzene	11.654	112	119882	5.054	ug/L	97
52) Ethylbenzene	11.727	91	222245	5.042	ug/L	100
53) m,p-Xylene	11.837	106	85161	5.067	ug/L	95
54) o-Xylene	12.160	106	78024	4.996	ug/L	97
55) Styrene	12.178	104	130864	5.035	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	32268	4.960	ug/L	98
59) Bromoform	12.349	173	16083	4.807	ug/L	98
60) Isopropylbenzene	12.459	105	223059	5.086	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	22988	4.876	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	181630	5.029	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	176726	5.028	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	89410	5.140	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	86920	5.052	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	76043	5.119	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	5031	4.773	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.623	180	61518	5.219	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	47692	5.079	ug/L	98
71) Naphthalene	15.354	128	86896	4.935	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	41359	5.230	ug/L	97

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

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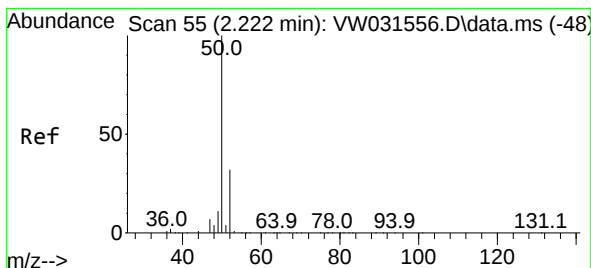
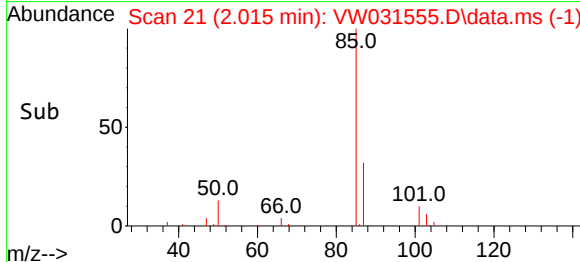
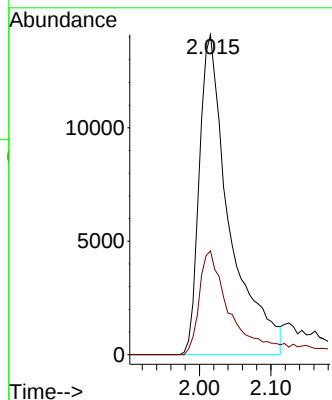
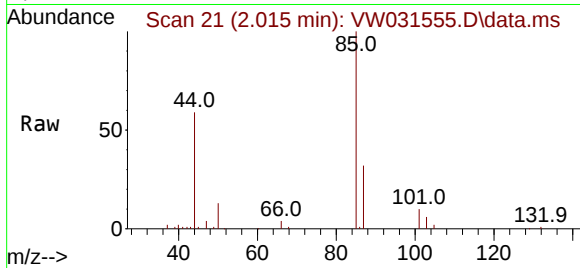




#2
 Dichlorodifluoromethane
 Concen: 5.250 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031555.D
 Acq: 10 Jan 2025 10:09

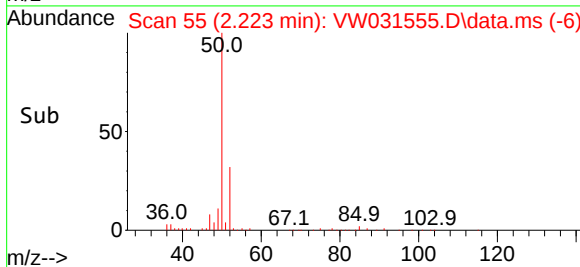
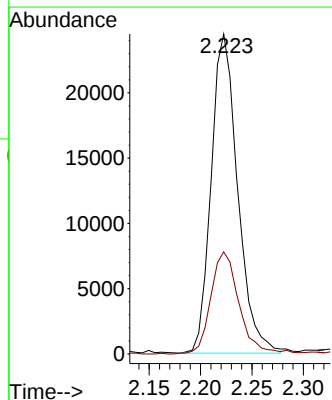
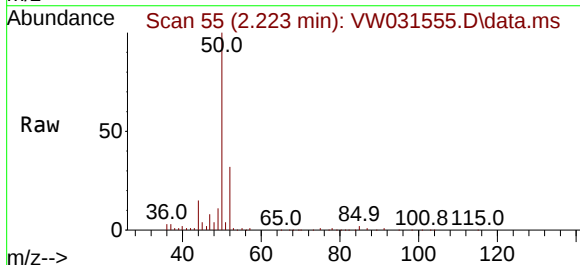
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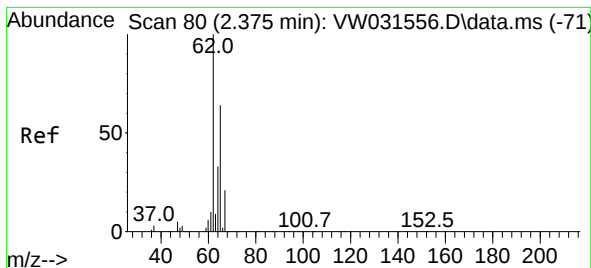
Tgt Ion: 85 Resp: 41305
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.0 37.4



#3
 Chloromethane
 Concen: 5.224 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW031555.D
 Acq: 10 Jan 2025 10:09

Tgt Ion: 50 Resp: 43833
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.3 41.3





#5

Vinyl chloride

Concen: 5.189 ug/L

RT: 2.369 min Scan# 79

Delta R.T. -0.006 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

Instrument :

MSVOA_W

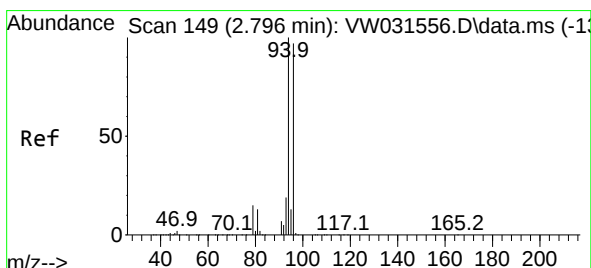
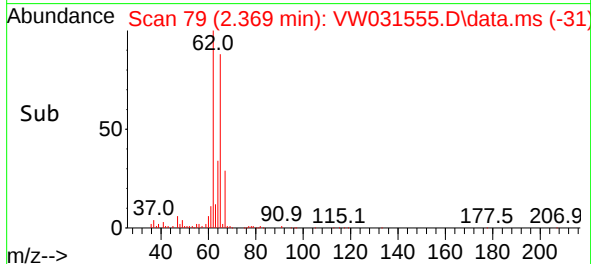
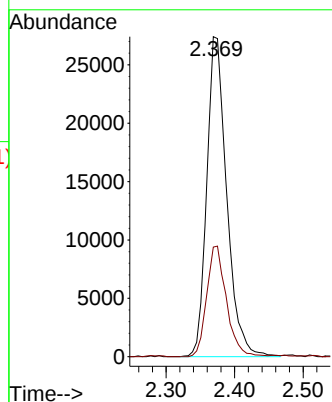
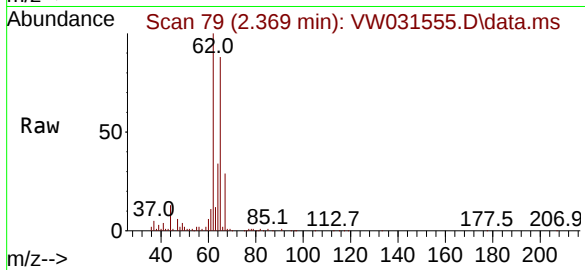
ClientSampleId :

Tgt Ion: 62 Resp: 55532

Ion Ratio Lower Upper

62 100

64 34.3 22.7 42.3



#6

Bromomethane

Concen: 5.231 ug/L

RT: 2.802 min Scan# 150

Delta R.T. 0.006 min

Lab File: VW031555.D

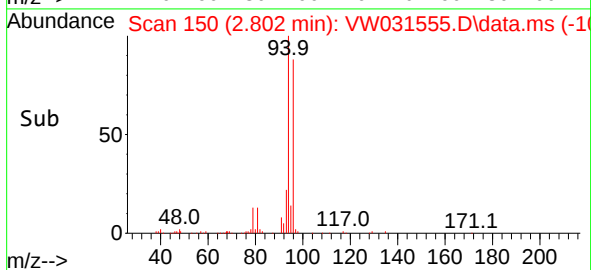
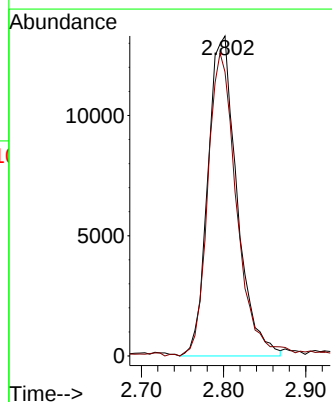
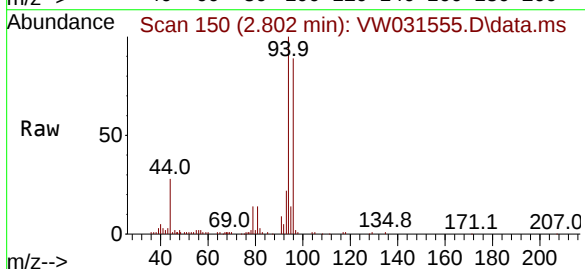
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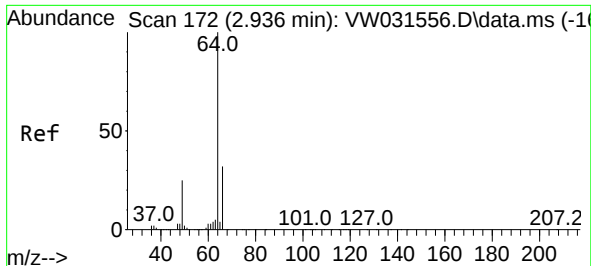
Tgt Ion: 94 Resp: 32719

Ion Ratio Lower Upper

94 100

96 88.7 67.6 125.6

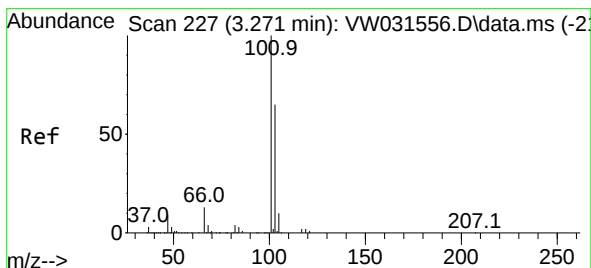
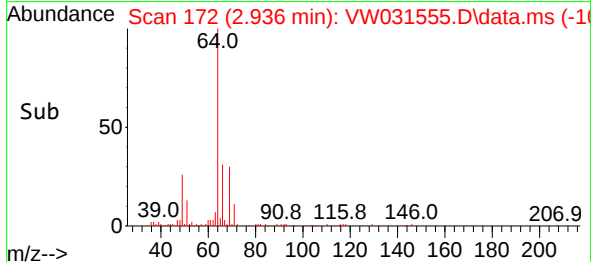
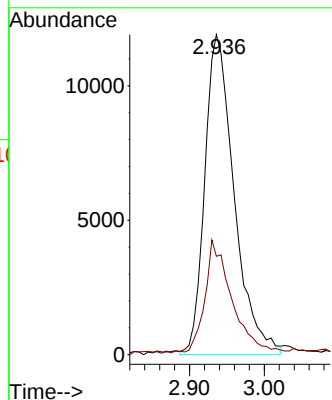
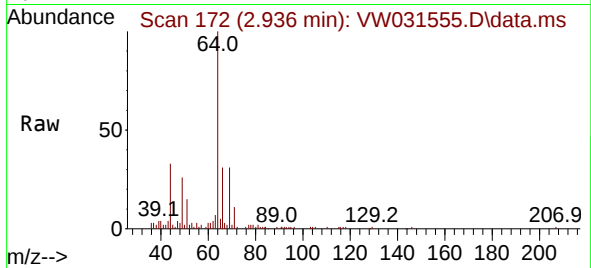




#8
Chloroethane
Concen: 5.167 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

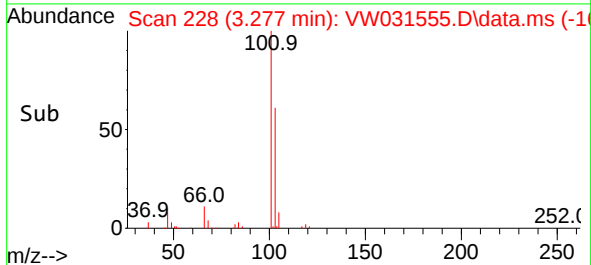
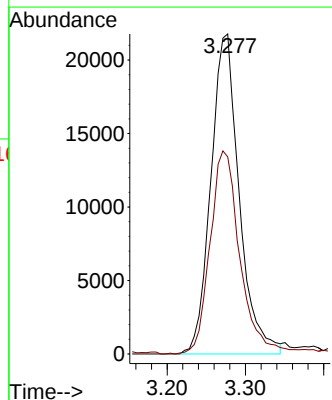
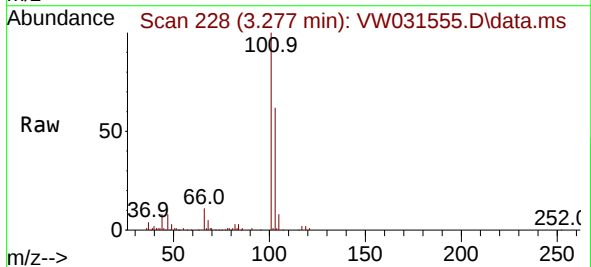
Instrument :
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ClientSampleId :

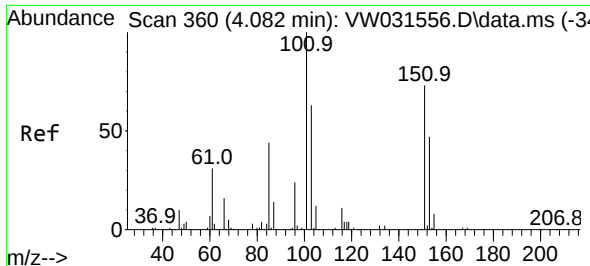
Tgt Ion: 64 Resp: 32501
Ion Ratio Lower Upper
64 100
66 30.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.156 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.006 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

Tgt Ion: 101 Resp: 54816
Ion Ratio Lower Upper
101 100
103 66.8 51.4 77.2

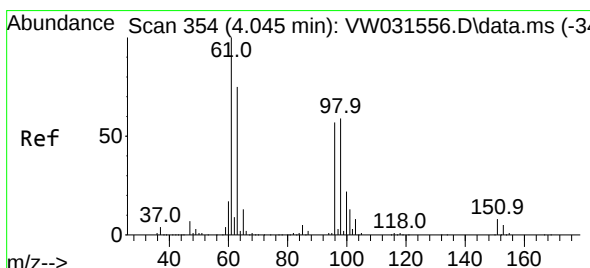
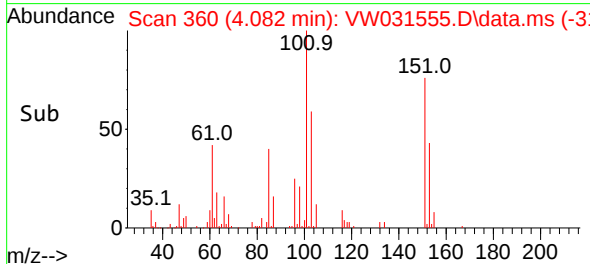
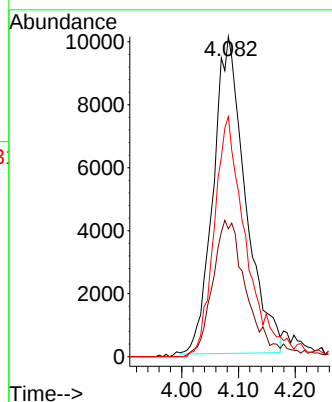
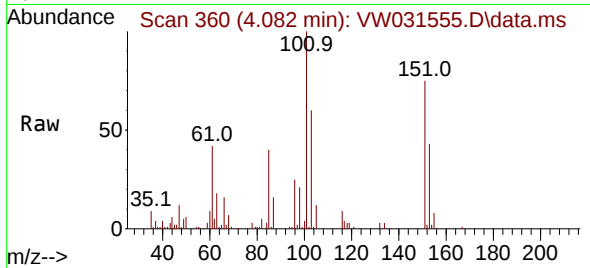




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.883 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.000 min
 Lab File: VW031555.D
 Acq: 10 Jan 2025 10:09

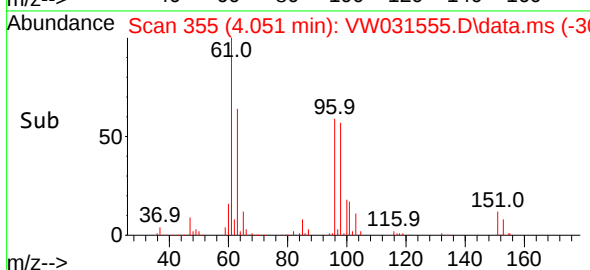
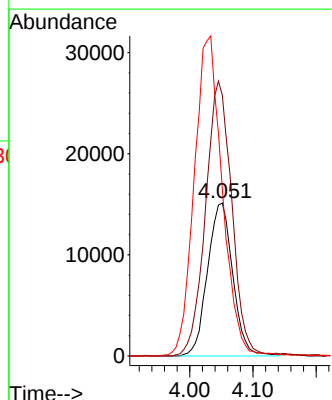
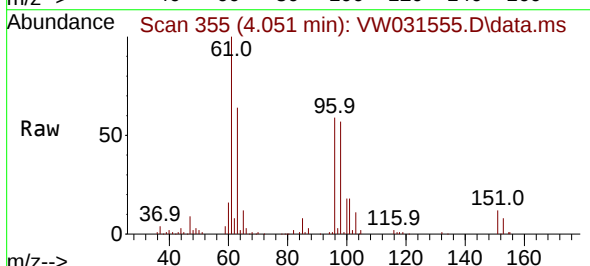
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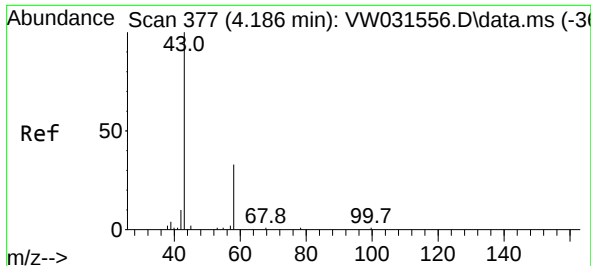
Tgt Ion:101 Resp: 39734
 Ion Ratio Lower Upper
 101 100
 85 22.4 36.1 54.1#
 151 68.5 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 5.064 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW031555.D
 Acq: 10 Jan 2025 10:09

Tgt Ion: 96 Resp: 41935
 Ion Ratio Lower Upper
 96 100
 61 170.6 123.8 230.0
 63 109.6 94.1 174.8

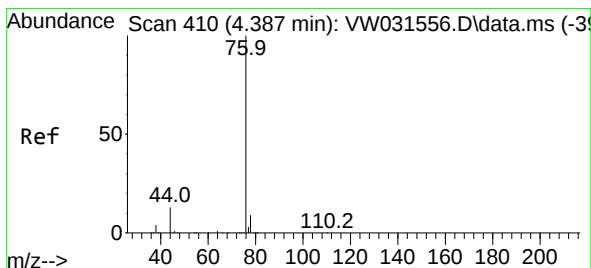
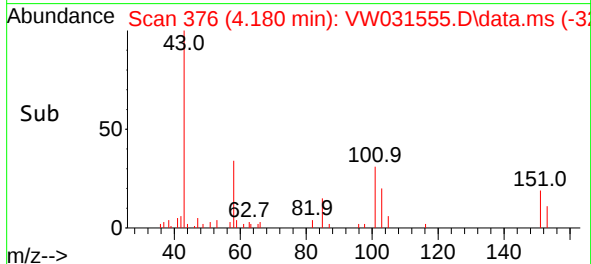
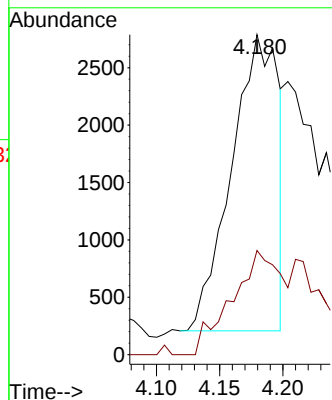
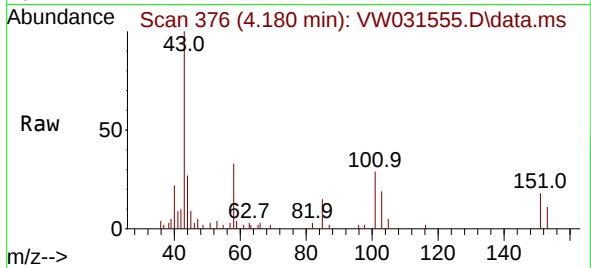




#13
Acetone
Concen: 5.758 ug/L
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

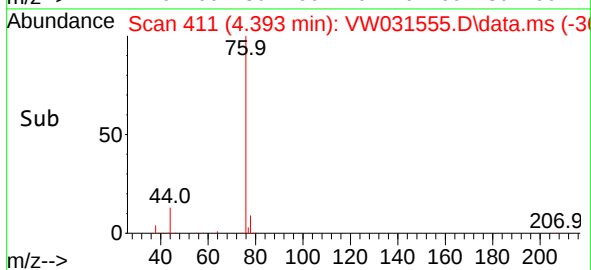
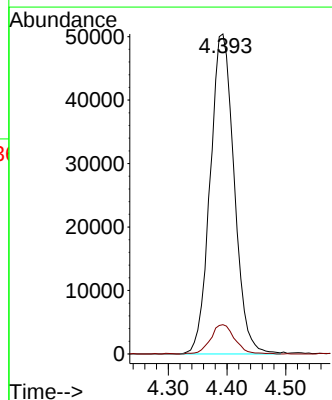
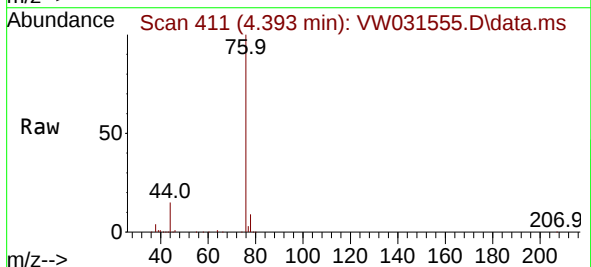
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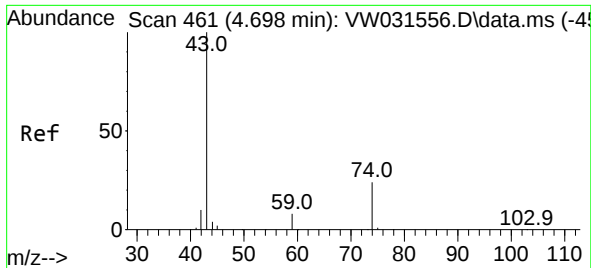
Tgt Ion: 43 Resp: 6659
Ion Ratio Lower Upper
43 100
58 29.1 0.0 28.2#



#14
Carbon disulfide
Concen: 5.131 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

Tgt Ion: 76 Resp: 143132
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

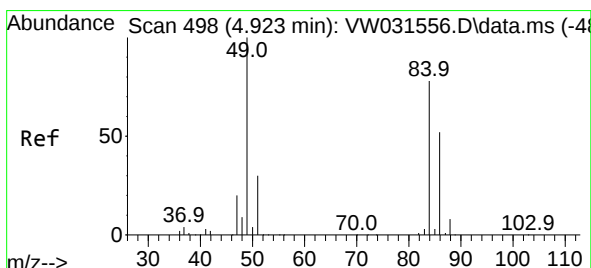
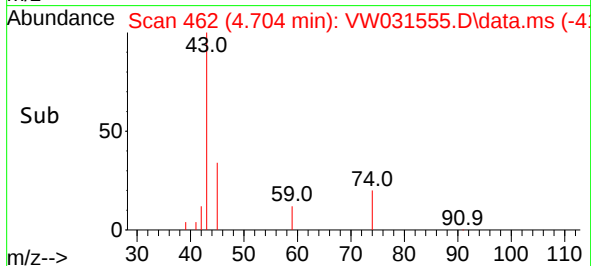
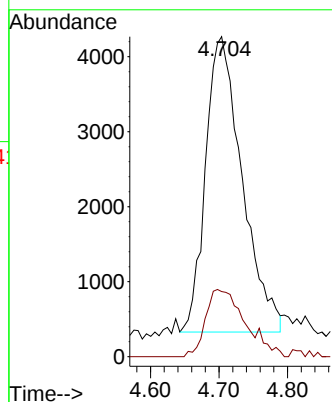
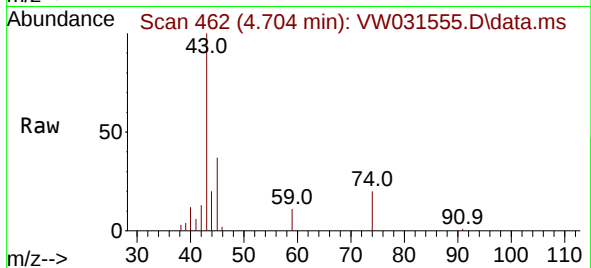




#15
Methyl Acetate
Concen: 4.800 ug/L
RT: 4.704 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

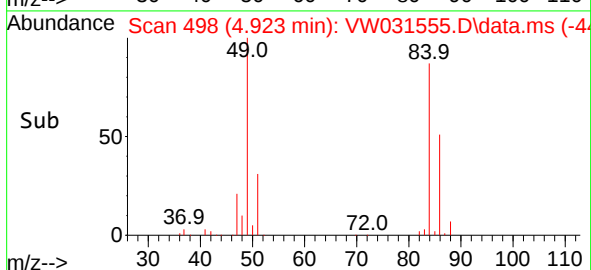
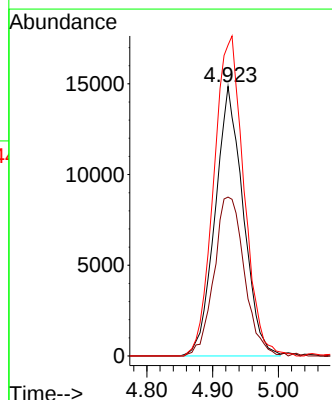
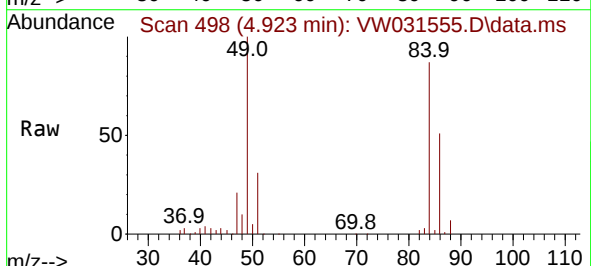
Instrument :
MSVOA_W
ClientSampleId :

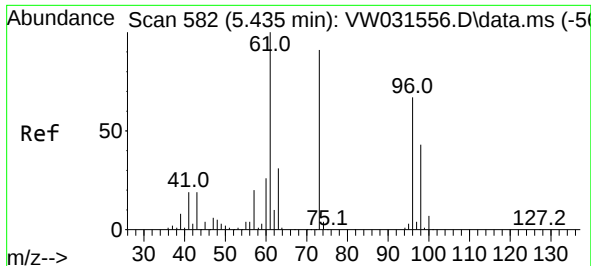
Tgt Ion: 43 Resp: 14605
Ion Ratio Lower Upper
43 100
74 22.0 10.6 15.8#



#16
Methylene chloride
Concen: 5.204 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

Tgt Ion: 84 Resp: 44110
Ion Ratio Lower Upper
84 100
86 58.9 47.0 87.2
49 115.3 89.8 166.8

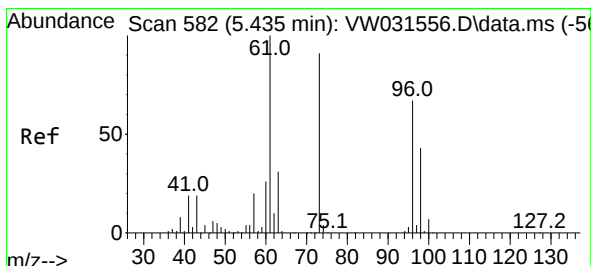
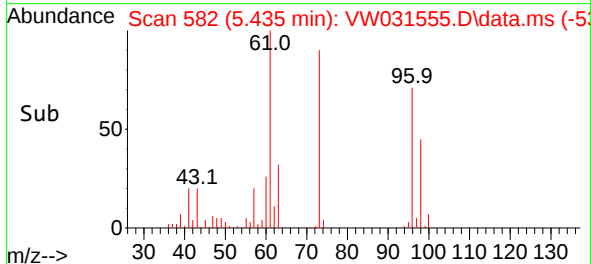
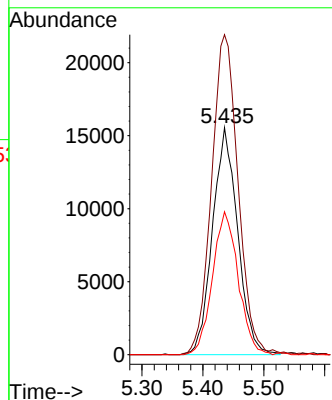
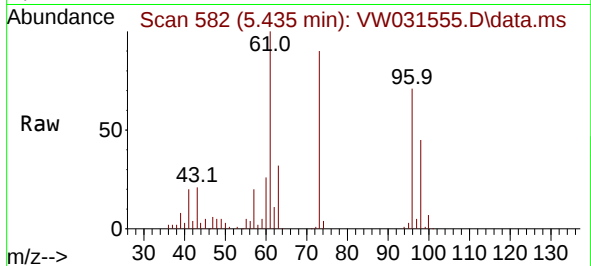




#17
trans-1,2-Dichloroethene
Concen: 5.017 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.000 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

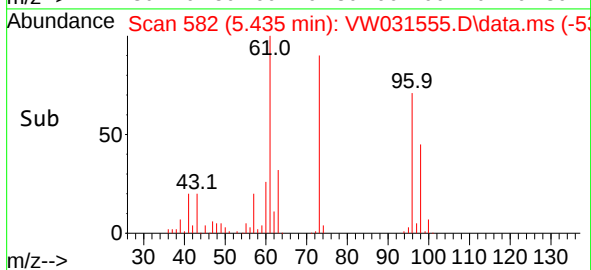
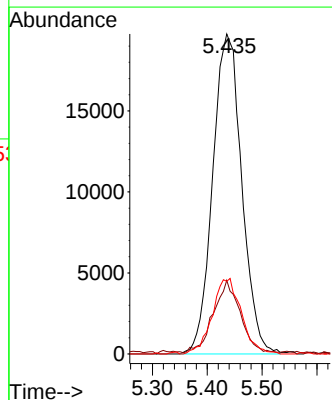
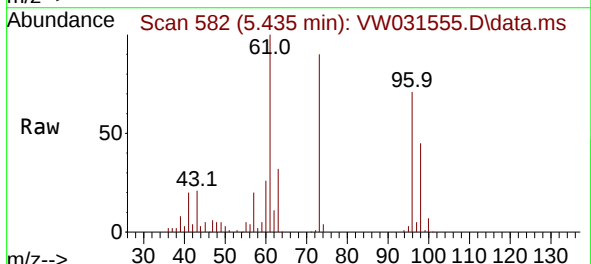
Instrument :
MSVOA_W
ClientSampleId :

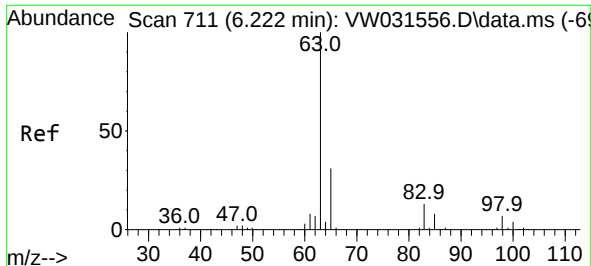
Tgt Ion: 96 Resp: 44628
Ion Ratio Lower Upper
96 100
61 141.0 105.1 195.1
98 62.9 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 5.104 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.000 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

Tgt Ion: 73 Resp: 72792
Ion Ratio Lower Upper
73 100
43 20.5 16.4 24.6
57 23.5 18.2 27.2





#19

1,1-Dichloroethane

Concen: 5.007 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

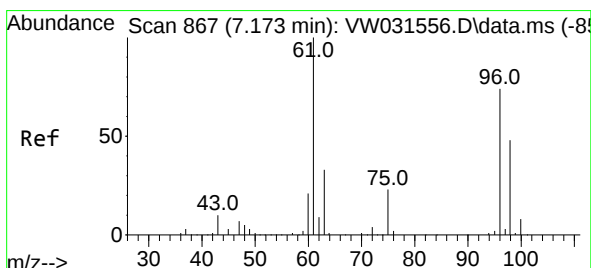
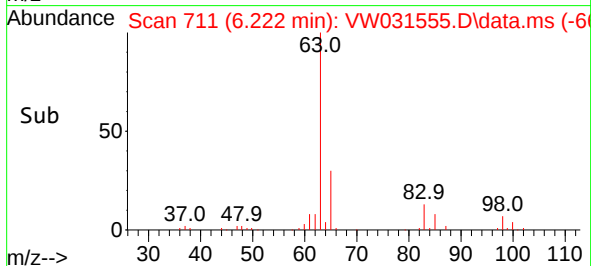
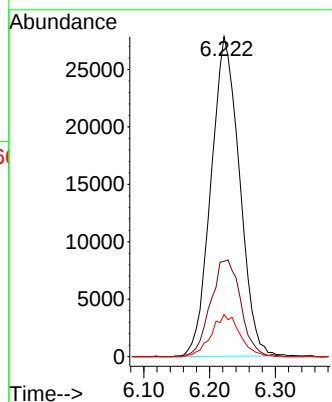
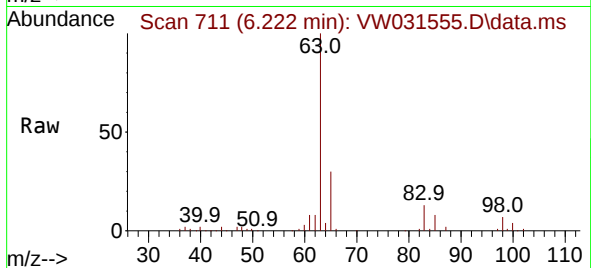
Tgt Ion: 63 Resp: 83784

Ion Ratio Lower Upper

63 100

65 29.8 22.0 41.0

83 13.1 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 5.014 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

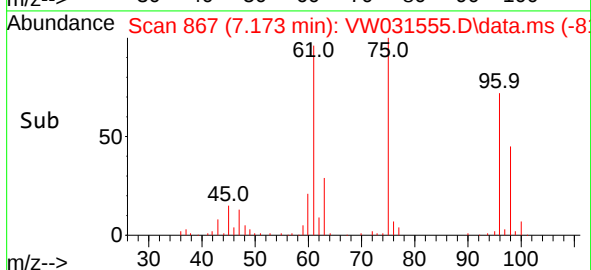
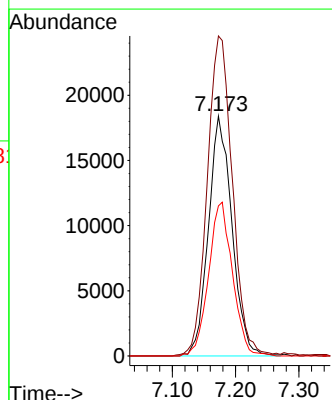
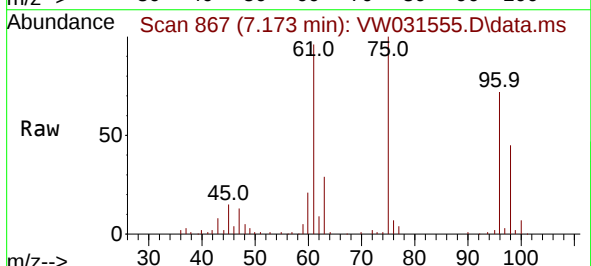
Tgt Ion: 96 Resp: 47614

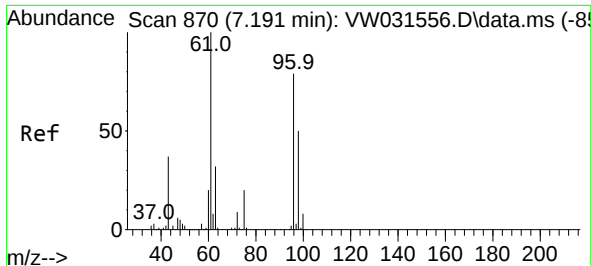
Ion Ratio Lower Upper

96 100

61 133.4 94.8 176.2

98 62.6 45.6 84.8

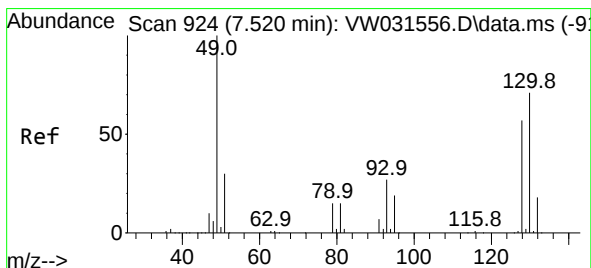
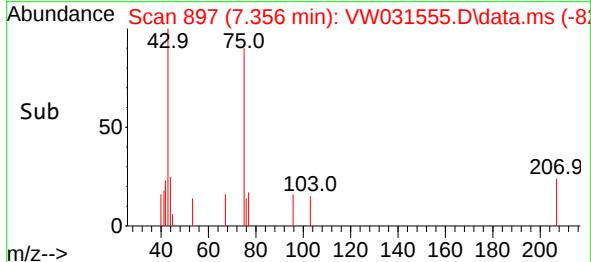
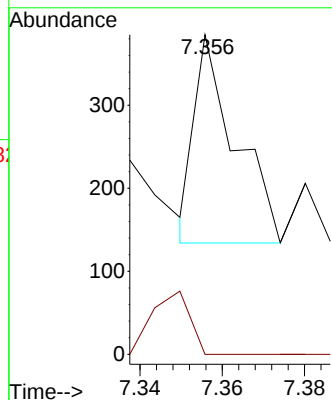
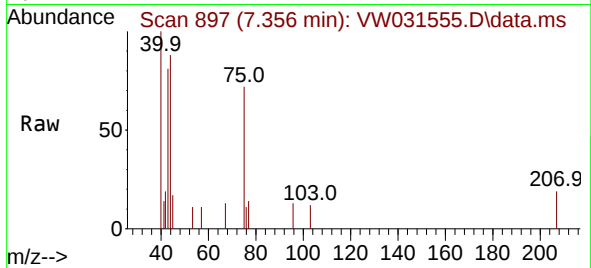




#22
2-Butanone
Concen: 0.087 ug/L
RT: 7.356 min Scan# 897
Delta R.T. 0.165 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

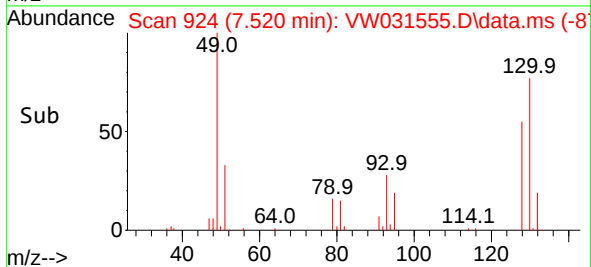
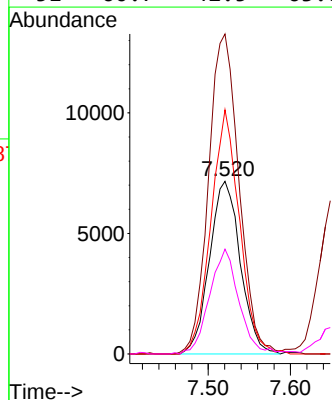
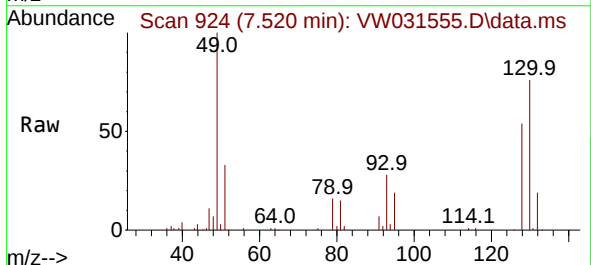
Instrument :
MSVOA_W
ClientSampleId :

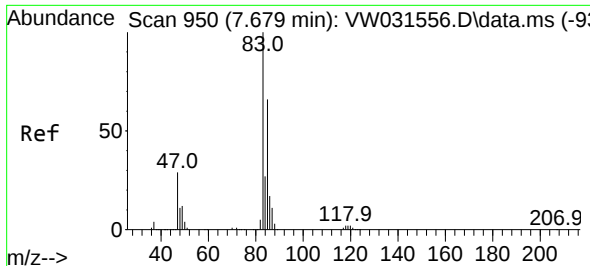
Tgt Ion: 43 Resp: 174
Ion Ratio Lower Upper
43 100
72 27.6 13.2 39.5



#23
Bromochloromethane
Concen: 5.021 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

Tgt Ion: 128 Resp: 18676
Ion Ratio Lower Upper
128 100
49 185.3 123.9 230.1
130 141.4 88.1 163.7
51 60.7 42.5 63.7

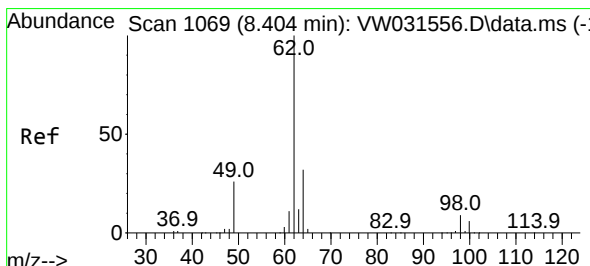
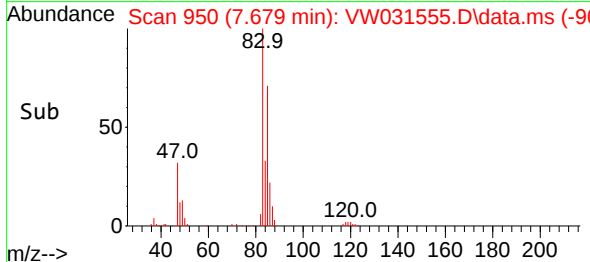
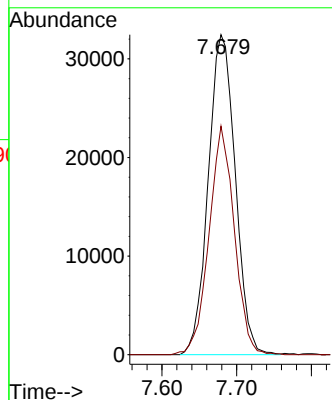
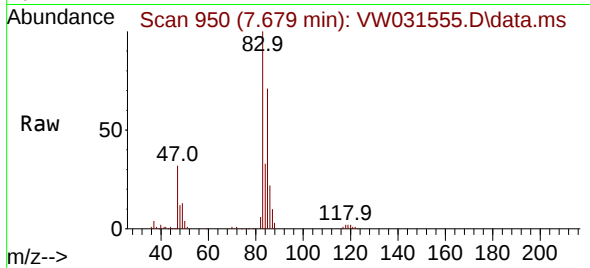




#25
Chloroform
Concen: 5.129 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

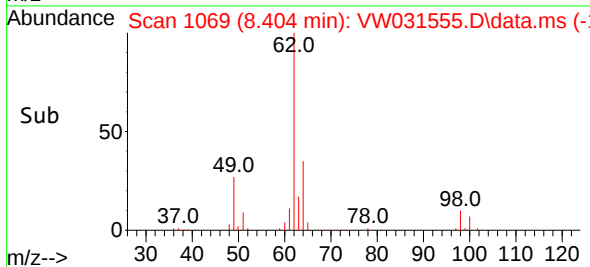
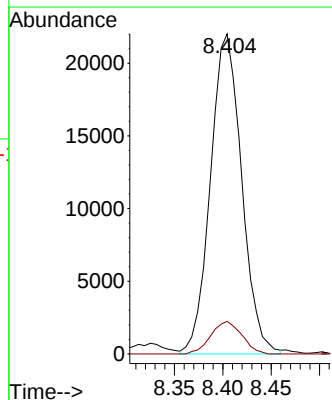
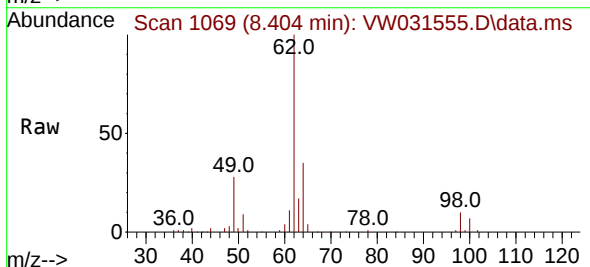
Instrument :
MSVOA_W
ClientSampleId :

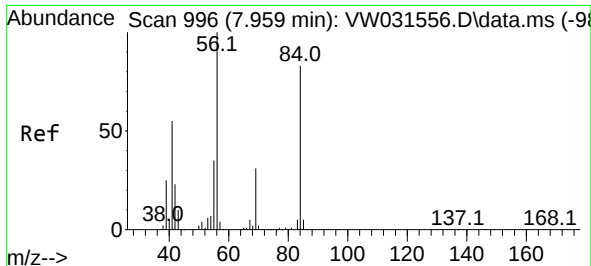
Tgt Ion: 83 Resp: 81645
Ion Ratio Lower Upper
83 100
85 71.4 46.2 85.8



#27
1,2-Dichloroethane
Concen: 5.035 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

Tgt Ion: 62 Resp: 49362
Ion Ratio Lower Upper
62 100
98 10.2 7.3 10.9





#29

Cyclohexane

Concen: 5.088 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

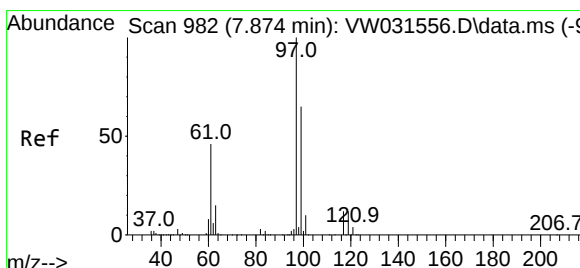
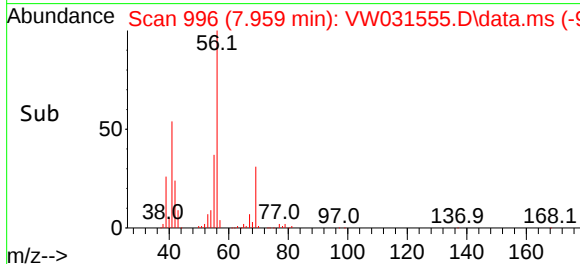
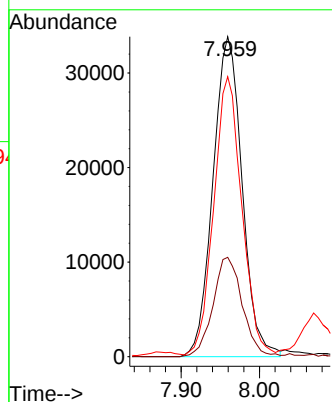
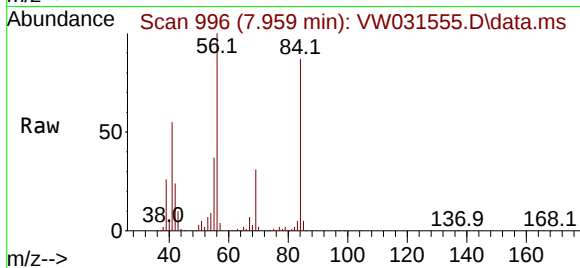
Tgt Ion: 56 Resp: 87568

Ion Ratio Lower Upper

56 100

69 31.2 25.2 37.8

84 84.5 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 5.094 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

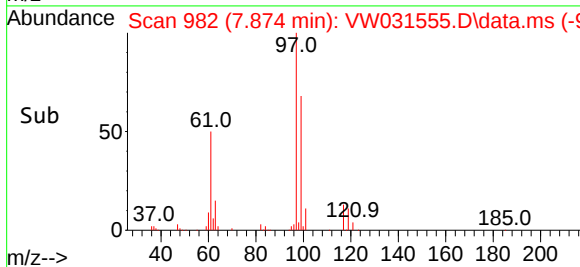
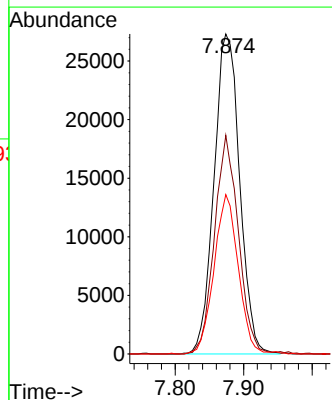
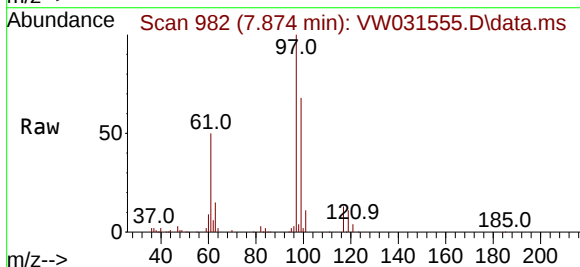
Tgt Ion: 97 Resp: 71004

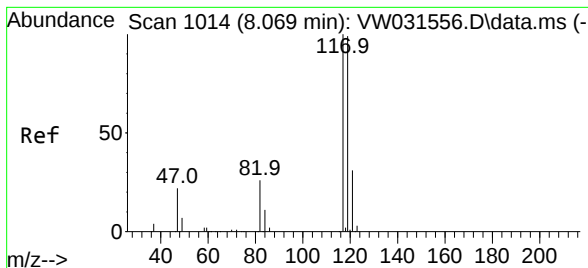
Ion Ratio Lower Upper

97 100

99 63.8 52.2 78.4

61 46.9 36.9 55.3





#31

Carbon tetrachloride

Concen: 4.994 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

Instrument :

MSVOA_W

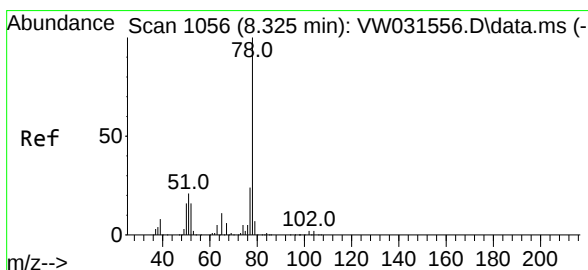
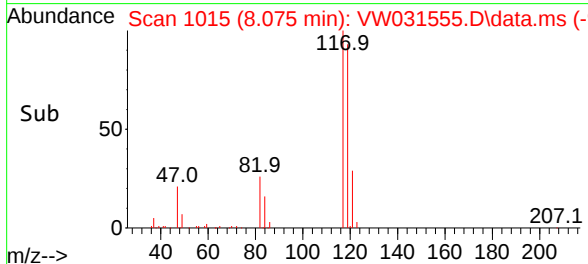
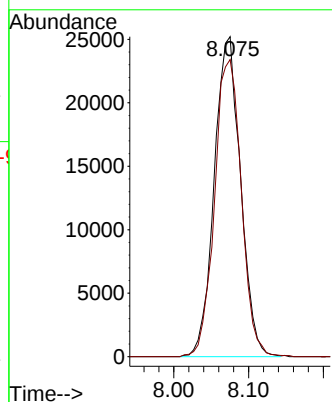
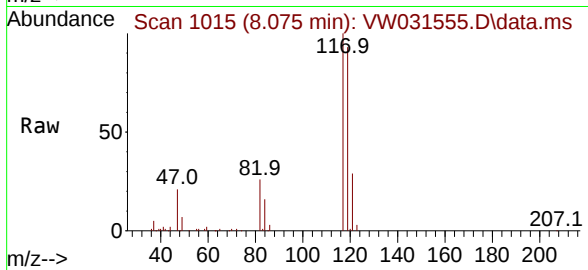
ClientSampleId :

Tgt Ion:117 Resp: 61722

Ion Ratio Lower Upper

117 100

119 94.7 77.4 116.0



#33

Benzene

Concen: 5.100 ug/L

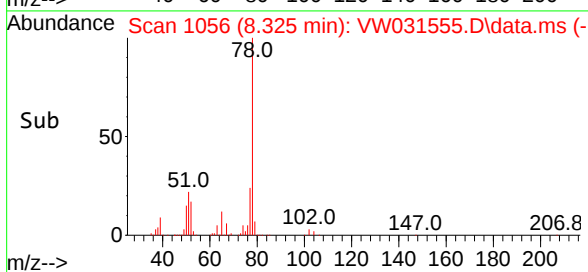
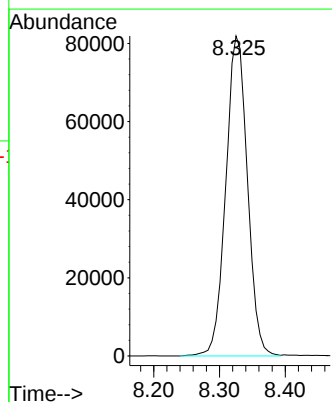
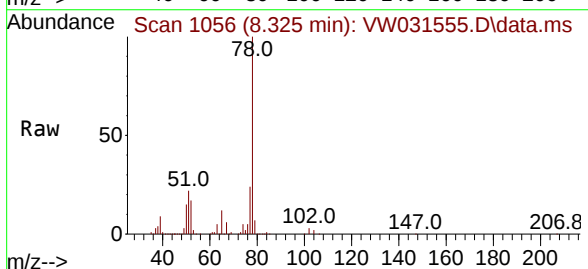
RT: 8.325 min Scan# 1056

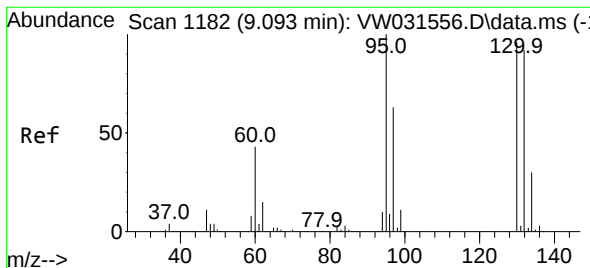
Delta R.T. 0.000 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

Tgt Ion: 78 Resp: 187427





#34

Trichloroethene

Concen: 5.001 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 49410

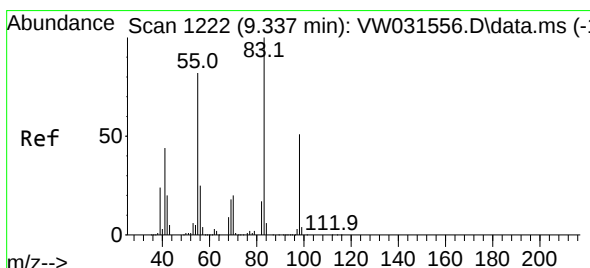
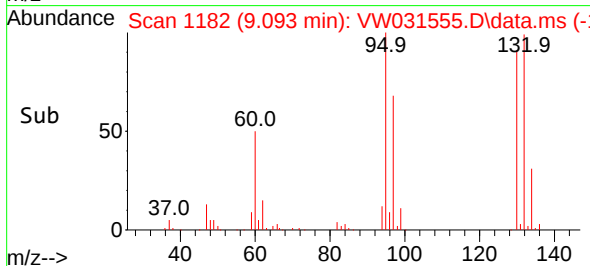
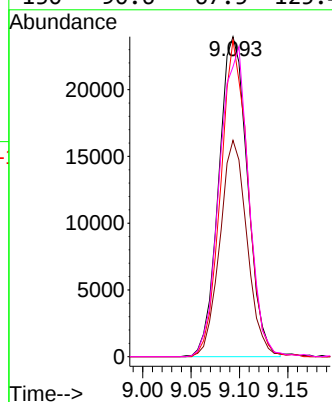
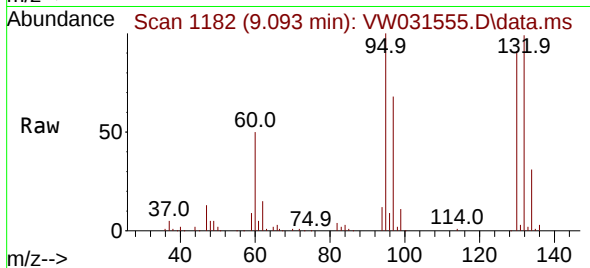
Ion Ratio Lower Upper

95 100

97 67.6 44.0 81.6

132 98.8 64.6 120.0

130 90.6 67.5 125.4



#35

Methylcyclohexane

Concen: 5.156 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

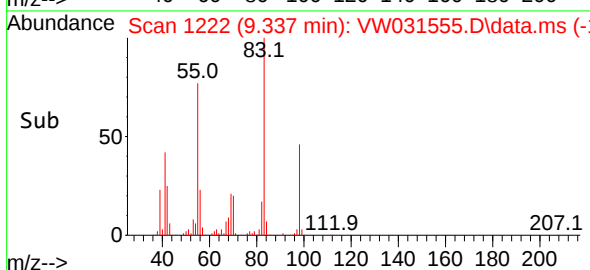
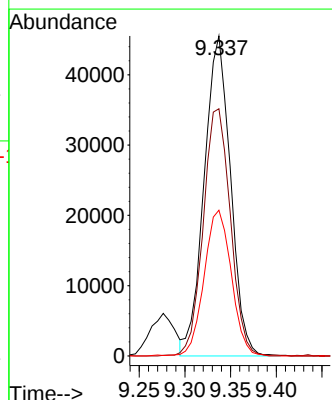
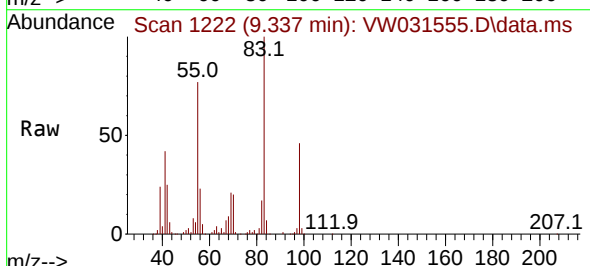
Tgt Ion: 83 Resp: 91329

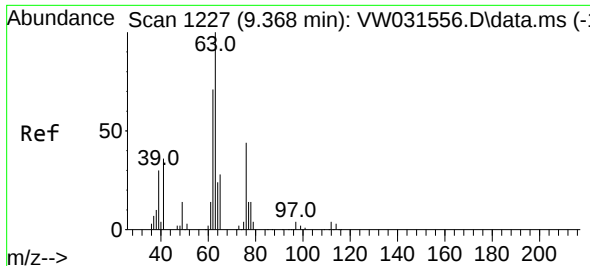
Ion Ratio Lower Upper

83 100

55 79.5 63.4 95.2

98 47.0 38.8 58.2





#37

1,2-Dichloropropane

Concen: 5.064 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

Instrument :

MSVOA_W

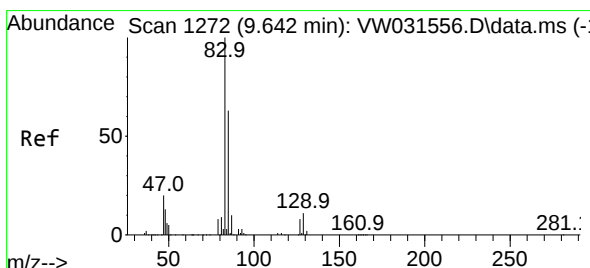
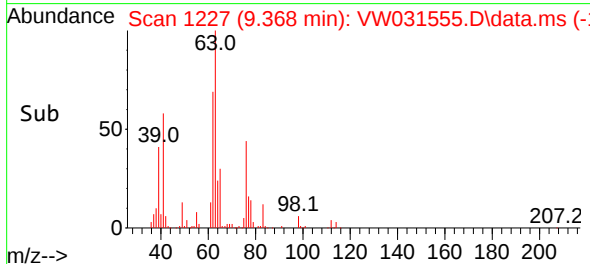
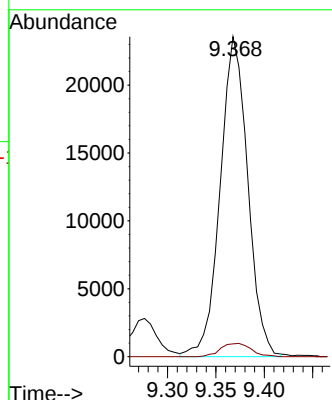
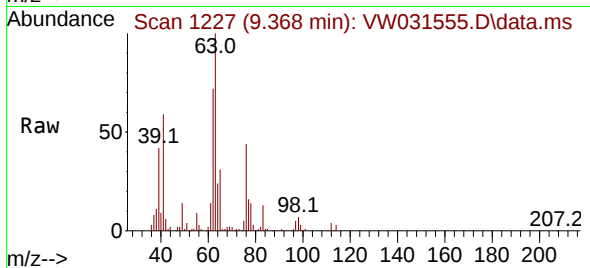
ClientSampleId :

Tgt Ion: 63 Resp: 46777

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 4.922 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

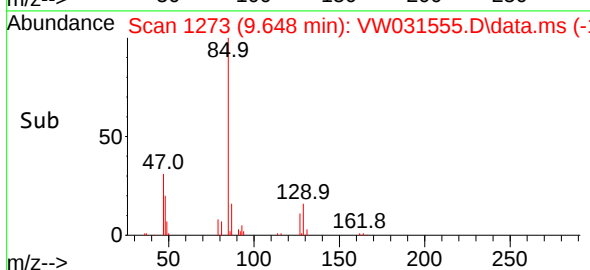
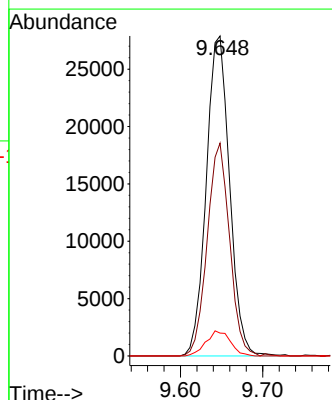
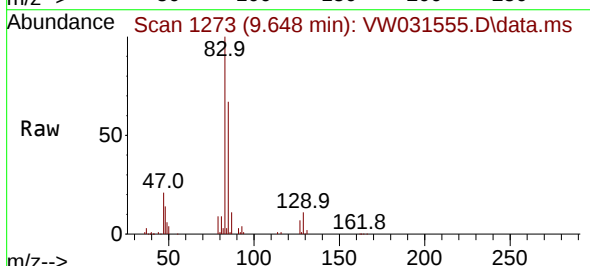
Tgt Ion: 83 Resp: 54991

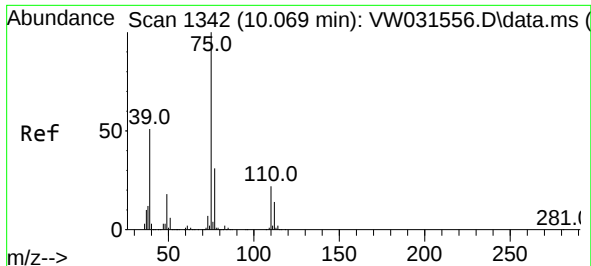
Ion Ratio Lower Upper

83 100

85 66.5 43.8 81.3

127 7.2 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 4.886 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

Instrument :

MSVOA_W

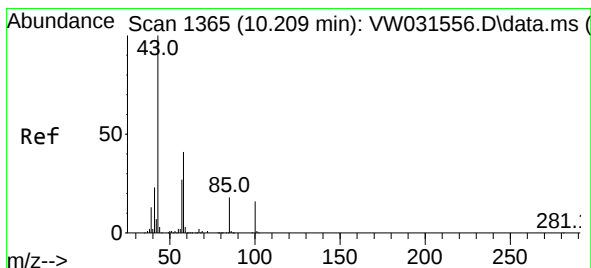
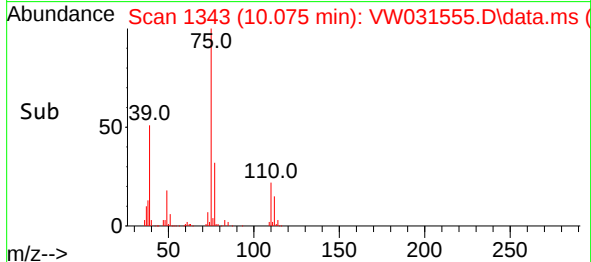
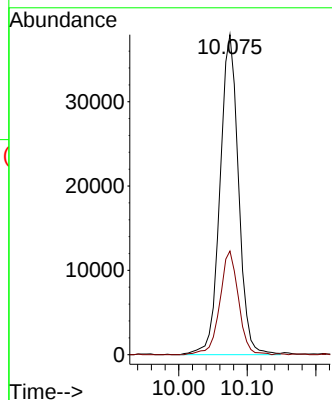
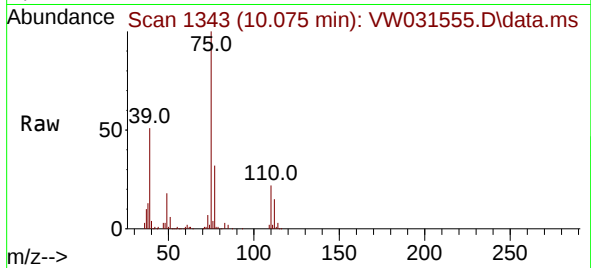
ClientSampleId :

Tgt Ion: 75 Resp: 70990

Ion Ratio Lower Upper

75 100

77 32.4 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 9.807 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

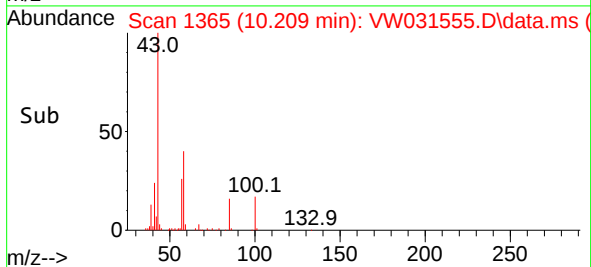
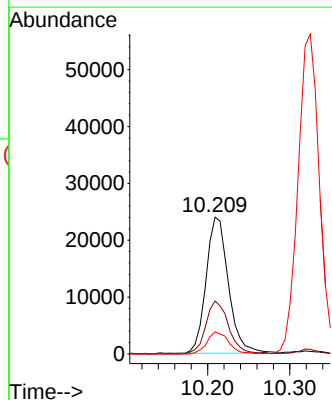
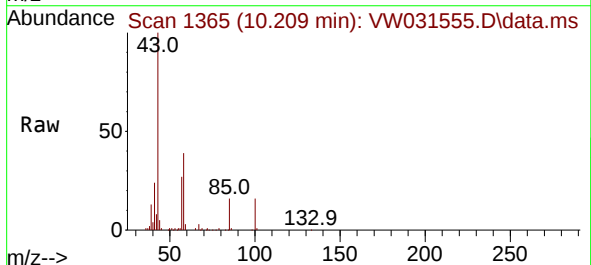
Tgt Ion: 43 Resp: 45216

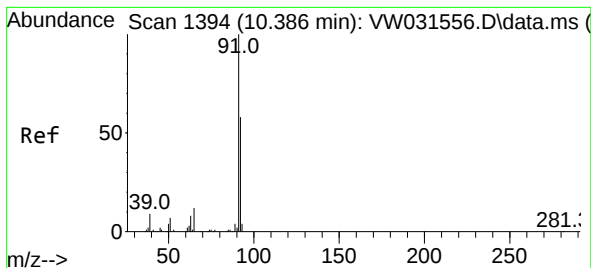
Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.2

100 15.7 12.3 18.5





#42

Toluene

Concen: 5.111 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

Instrument :

MSVOA_W

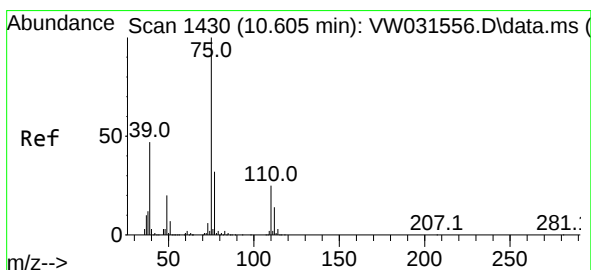
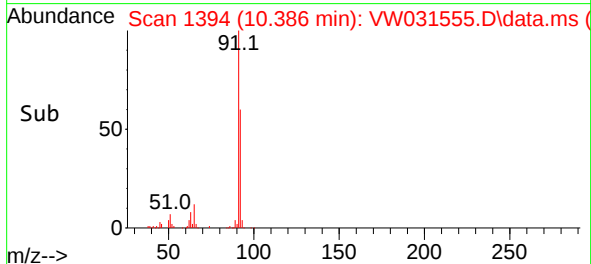
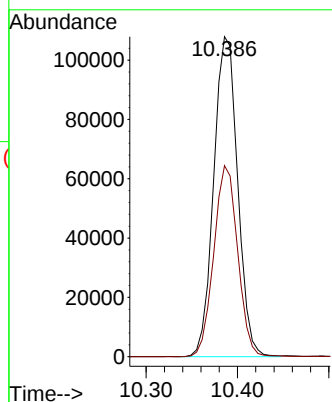
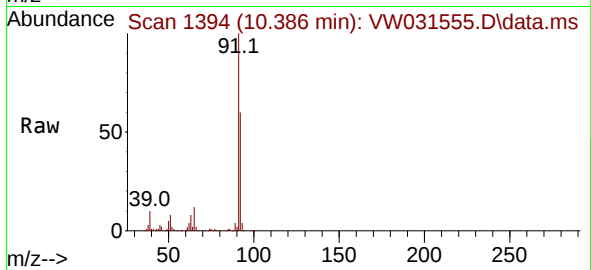
ClientSampleId :

Tgt Ion: 91 Resp: 196356

Ion Ratio Lower Upper

91 100

92 59.7 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.850 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031555.D

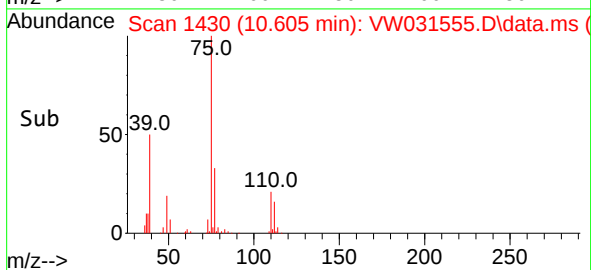
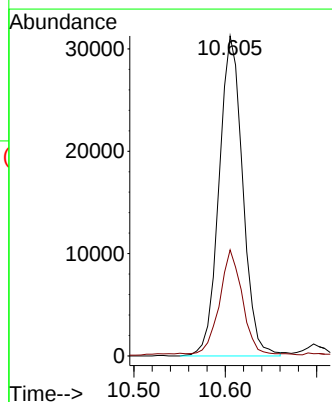
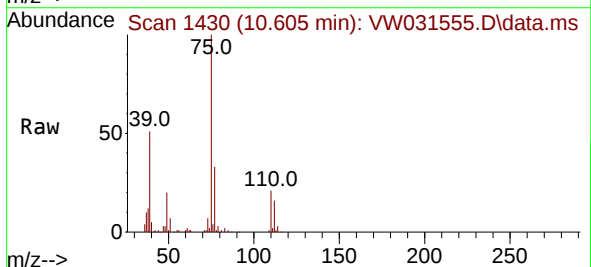
Acq: 10 Jan 2025 10:09

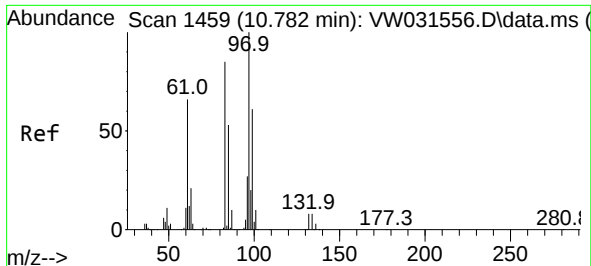
Tgt Ion: 75 Resp: 56328

Ion Ratio Lower Upper

75 100

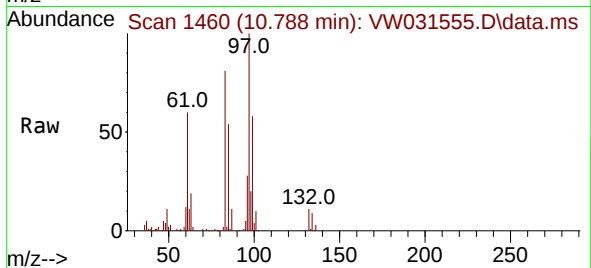
77 33.2 22.5 41.9



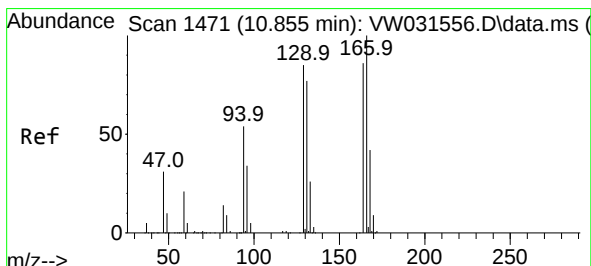
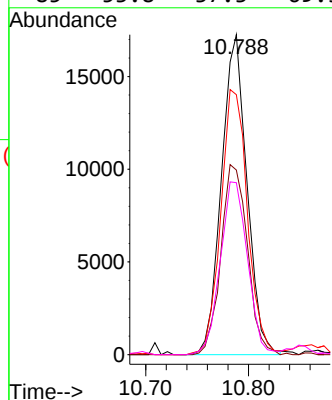
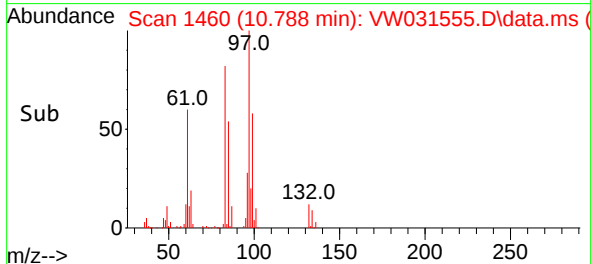


#45
1,1,2-Trichloroethane
Concen: 5.018 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

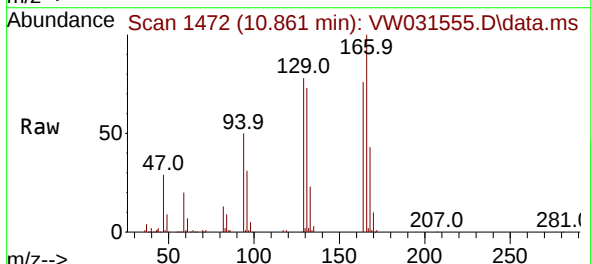
Instrument :
MSVOA_W
ClientSampleId :



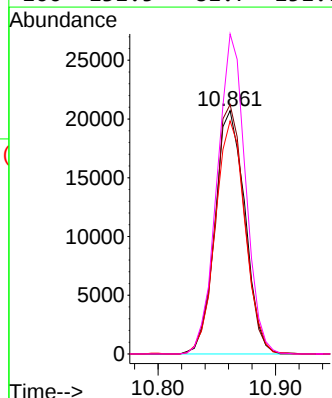
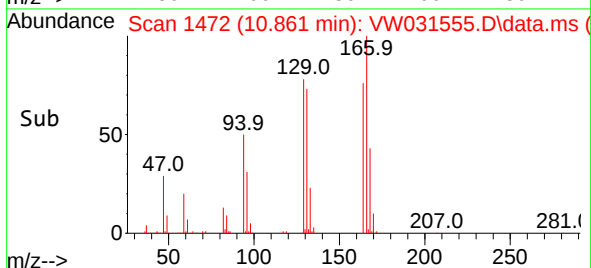
Tgt Ion: 97	Resp: 29707
Ion Ratio	Lower Upper
97 100	
99 57.7	42.6 79.2
83 81.3	59.6 110.8
85 53.8	37.3 69.3

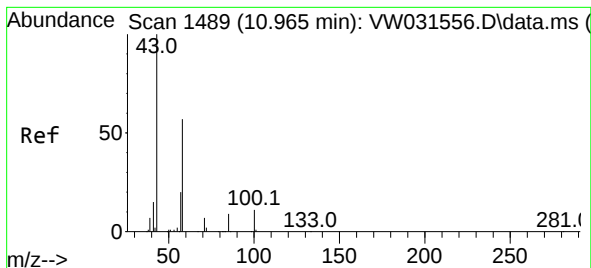


#46
Tetrachloroethene
Concen: 5.155 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09



Tgt	Ion:164	Resp:	36548
Ion	Ratio	Lower	Upper
164	100		
129	102.5	69.8	129.6
131	95.8	63.1	117.1
166	131.5	81.7	151.7





#48

2-Hexanone

Concen: 9.436 ug/L

RT: 10.971 min Scan# 1489

Delta R.T. 0.006 min

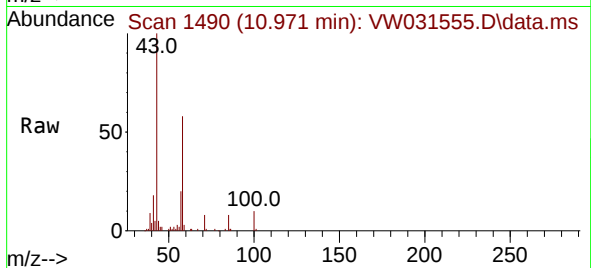
Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 26585

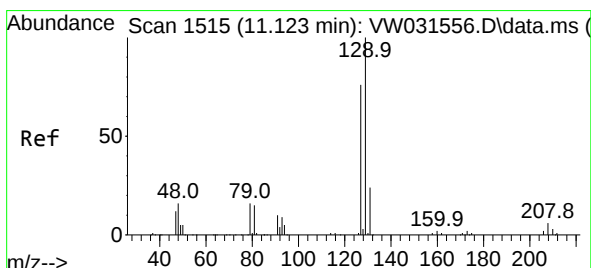
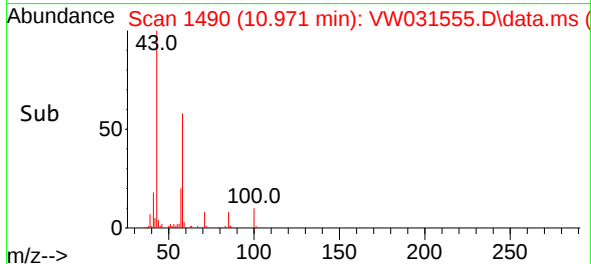
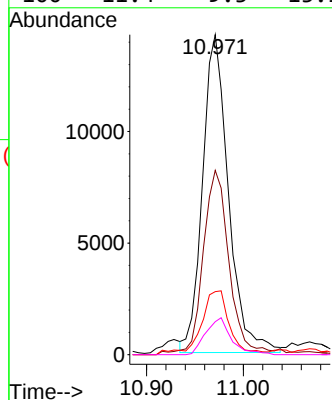
Ion Ratio Lower Upper

43 100

58 57.6 44.8 67.2

57 20.2 15.6 23.4

100 11.4 9.3 13.9



#49

Dibromochloromethane

Concen: 4.922 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW031555.D

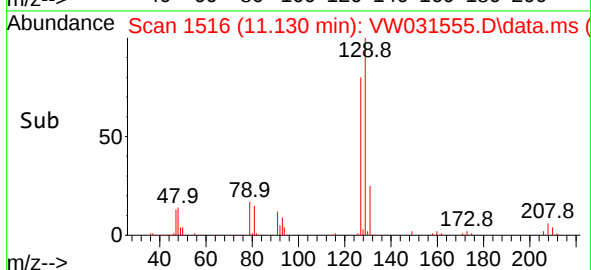
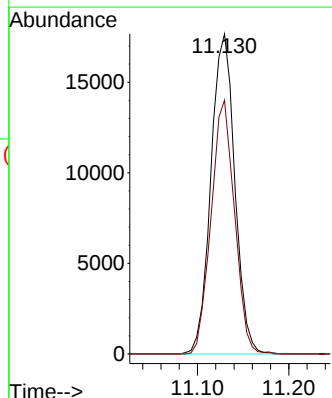
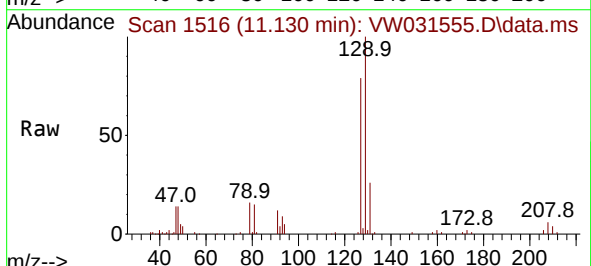
Acq: 10 Jan 2025 10:09

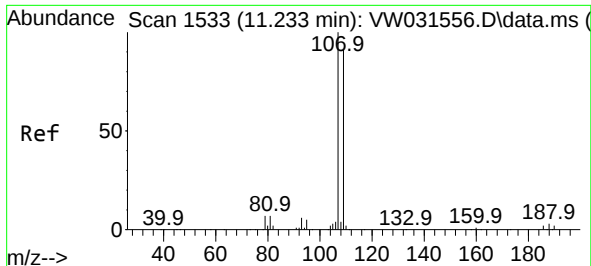
Tgt Ion: 129 Resp: 32061

Ion Ratio Lower Upper

129 100

127 79.3 53.0 98.4

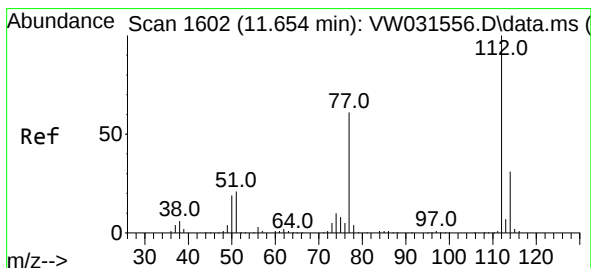
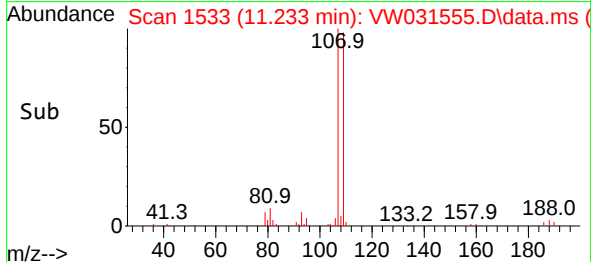
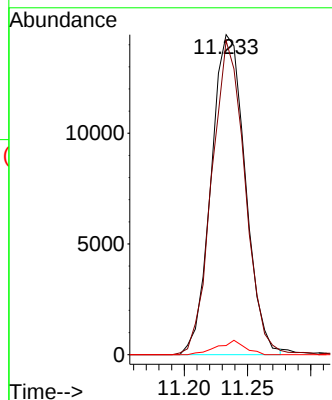
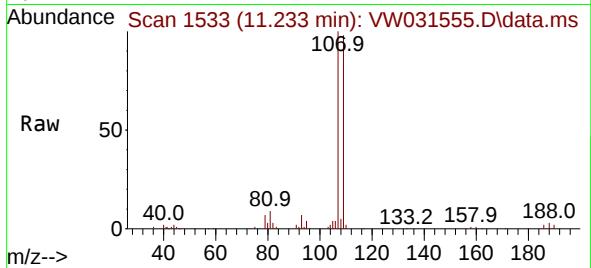




#50
1,2-Dibromoethane
Concen: 4.943 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

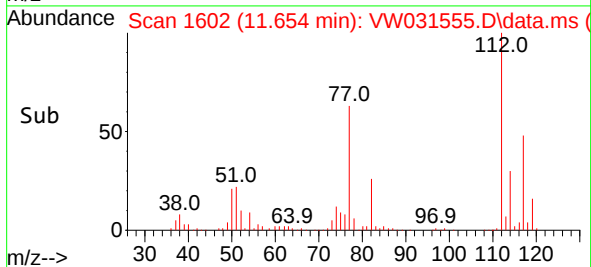
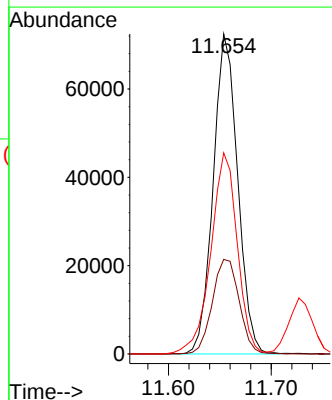
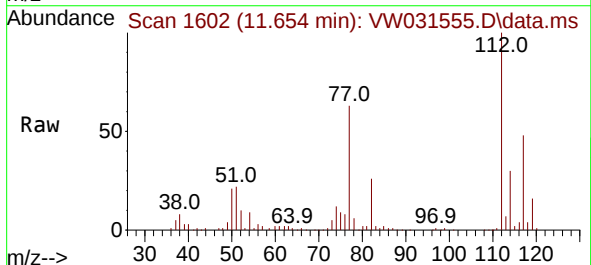
Instrument :
MSVOA_W
ClientSampleId :

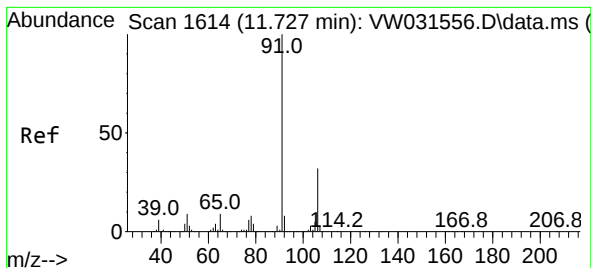
Tgt Ion:107 Resp: 27121
Ion Ratio Lower Upper
107 100
109 98.1 63.8 118.4
188 2.8 2.6 3.8



#51
Chlorobenzene
Concen: 5.054 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

Tgt Ion:112 Resp: 119882
Ion Ratio Lower Upper
112 100
114 29.5 22.0 40.8
77 62.8 49.0 73.4

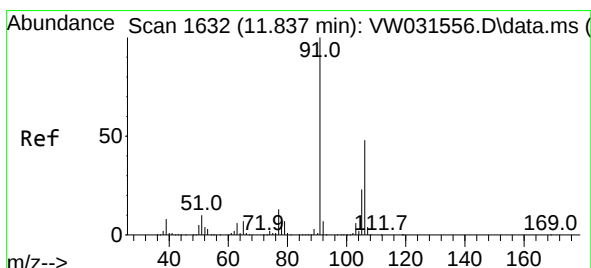
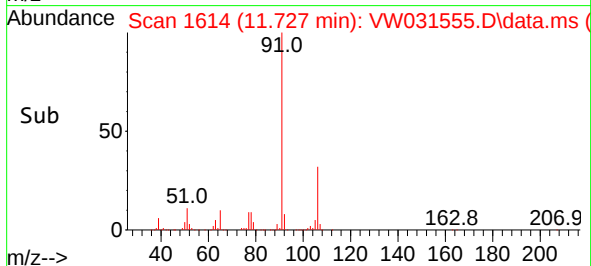
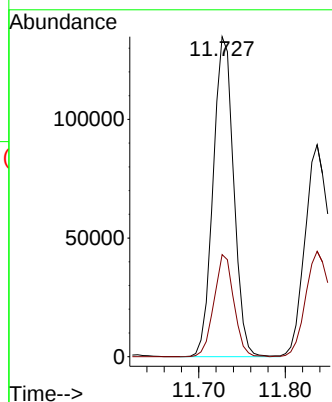
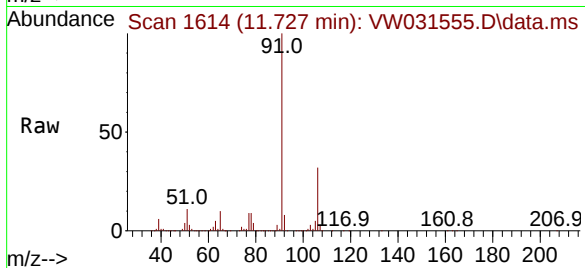




#52
Ethylbenzene
Concen: 5.042 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

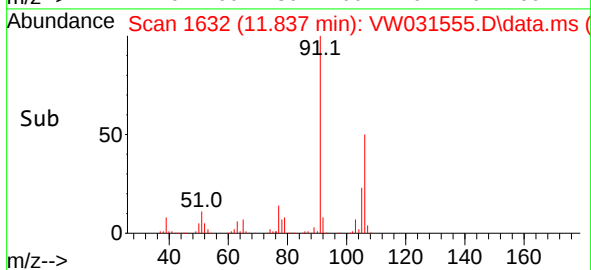
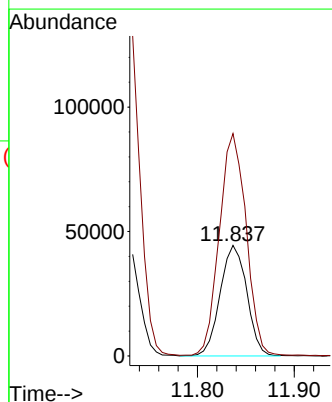
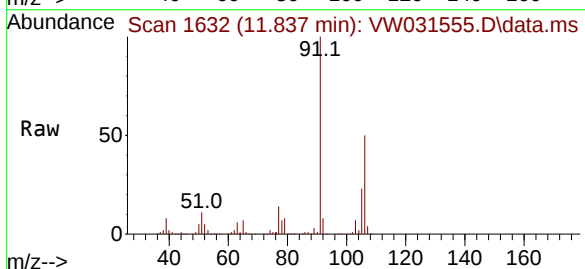
Instrument :
MSVOA_W
ClientSampleId :

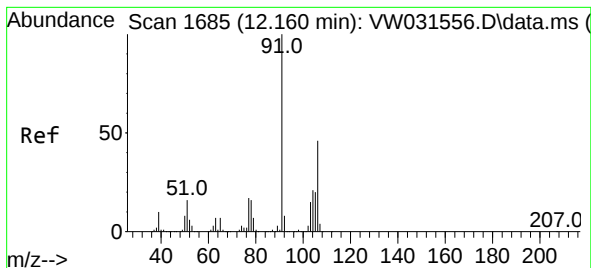
Tgt Ion: 91 Resp: 222245
Ion Ratio Lower Upper
91 100
106 31.9 22.3 41.3



#53
m,p-Xylene
Concen: 5.067 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

Tgt Ion:106 Resp: 85161
Ion Ratio Lower Upper
106 100
91 201.2 145.9 270.9





#54

o-Xylene

Concen: 4.996 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

Instrument :

MSVOA_W

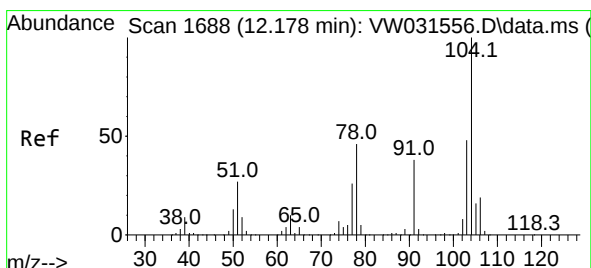
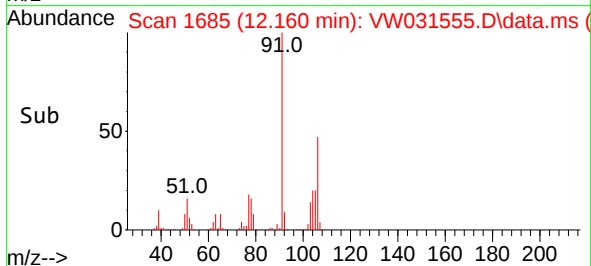
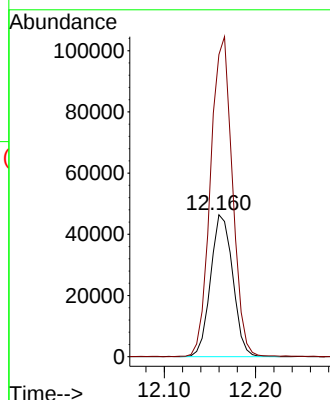
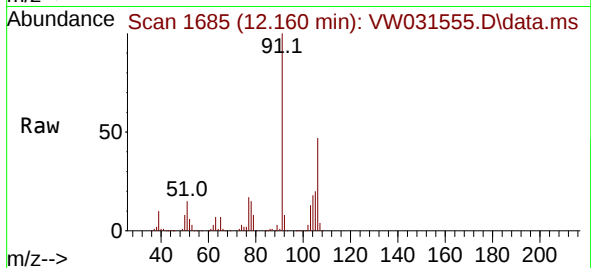
ClientSampleId :

Tgt Ion:106 Resp: 78024

Ion Ratio Lower Upper

106 100

91 212.9 152.9 284.1



#55

Styrene

Concen: 5.035 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031555.D

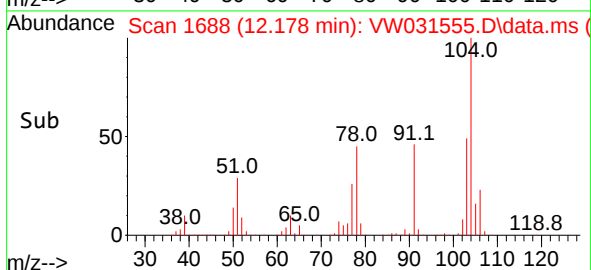
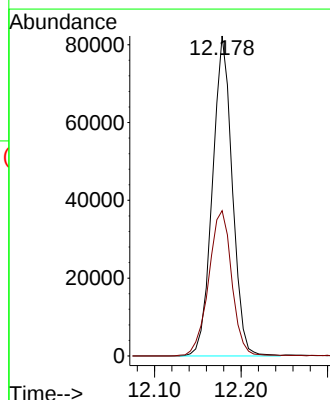
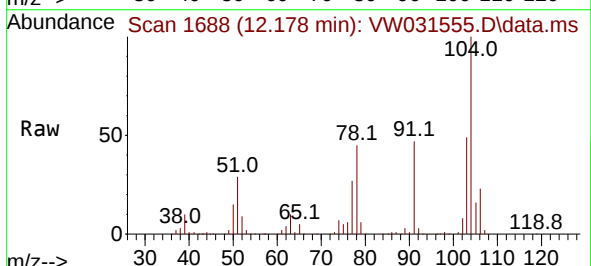
Acq: 10 Jan 2025 10:09

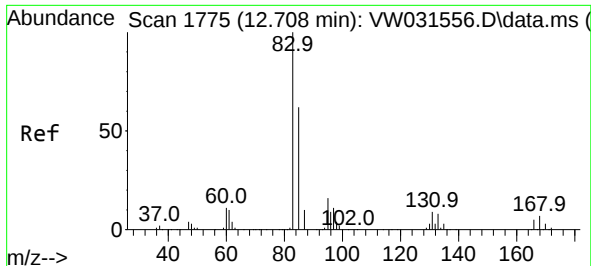
Tgt Ion:104 Resp: 130864

Ion Ratio Lower Upper

104 100

78 45.4 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.960 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

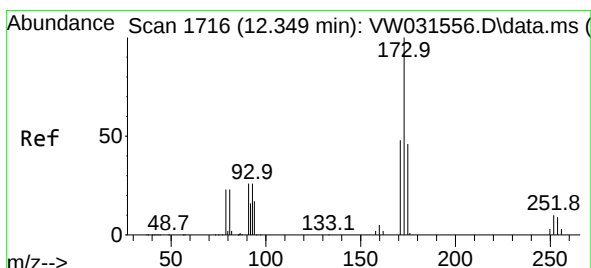
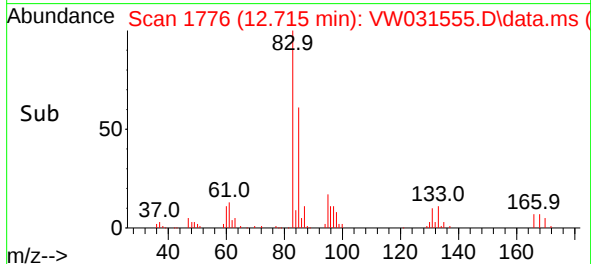
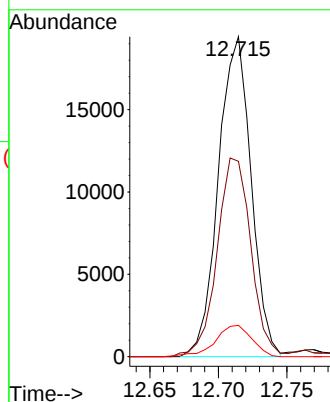
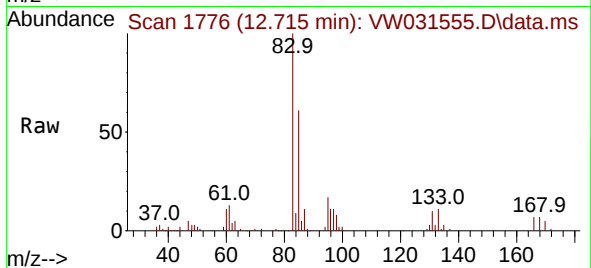
Tgt Ion: 83 Resp: 32268

Ion Ratio Lower Upper

83 100

85 61.0 44.1 81.9

131 9.8 7.4 11.0



#59

Bromoform

Concen: 4.807 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

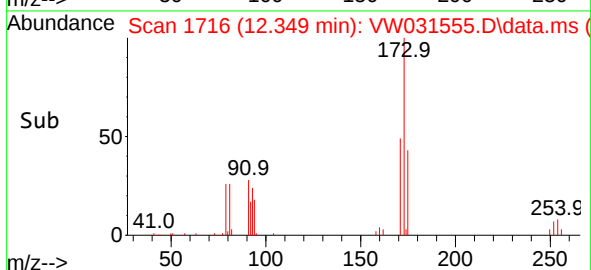
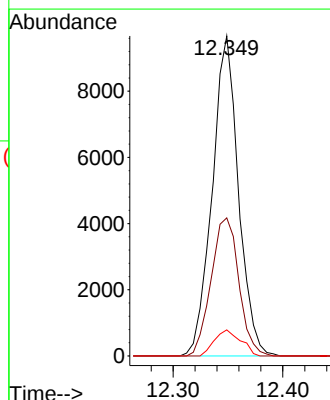
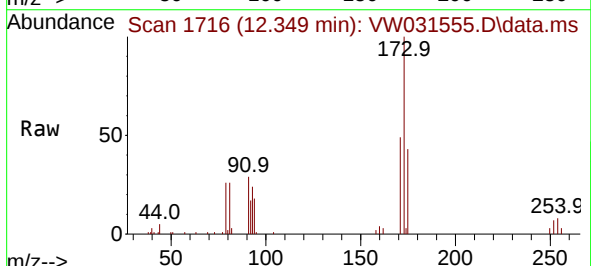
Tgt Ion:173 Resp: 16083

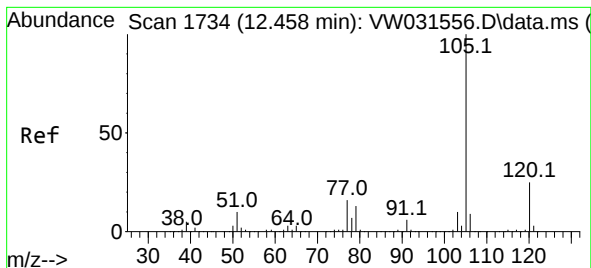
Ion Ratio Lower Upper

173 100

175 45.7 37.7 56.5

254 8.2 7.1 10.7





#60

Isopropylbenzene

Concen: 5.086 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

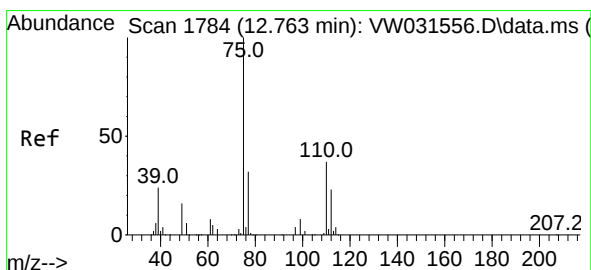
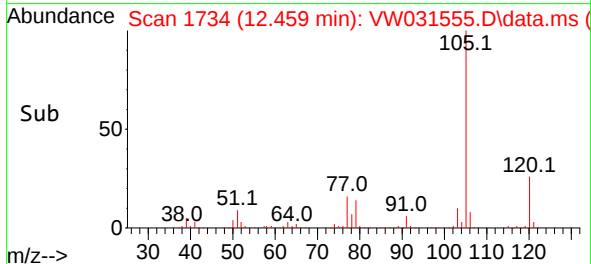
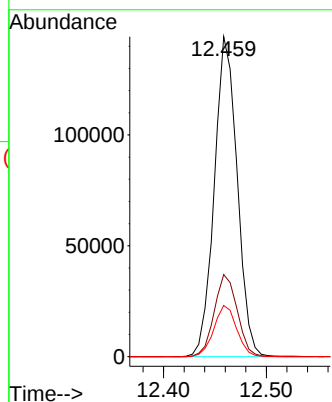
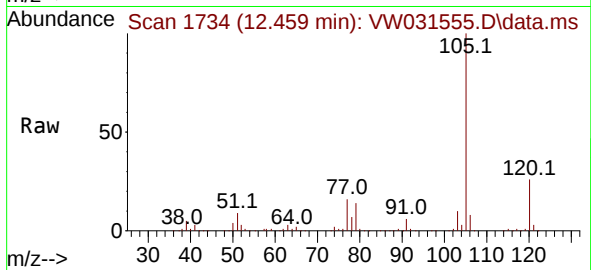
Tgt Ion:105 Resp: 223059

Ion Ratio Lower Upper

105 100

120 25.8 20.1 30.1

77 16.0 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 4.876 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

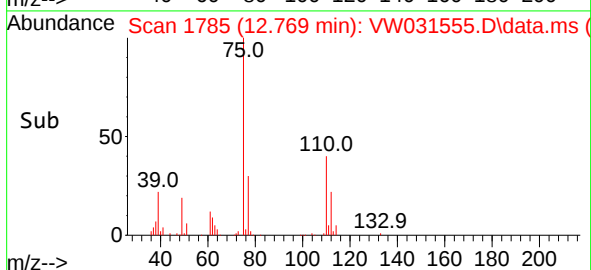
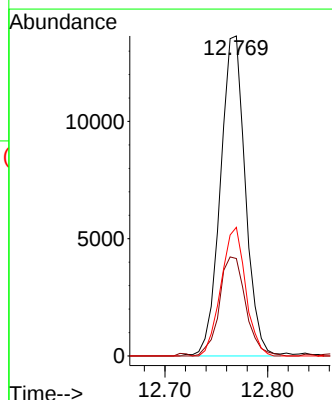
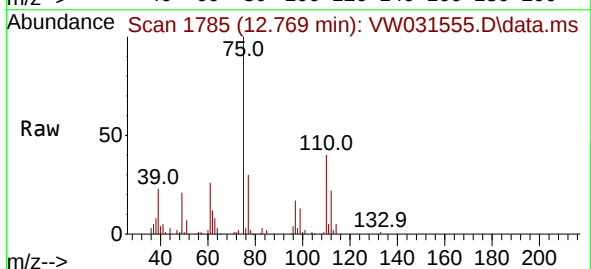
Tgt Ion: 75 Resp: 22988

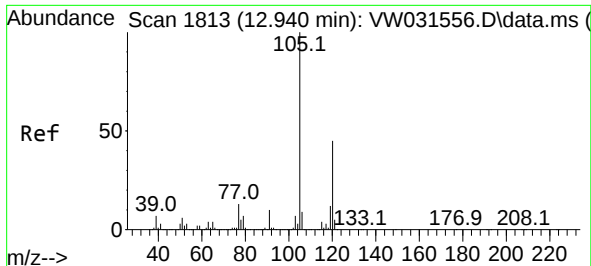
Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.2

110 39.6 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 5.029 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

Instrument :

MSVOA_W

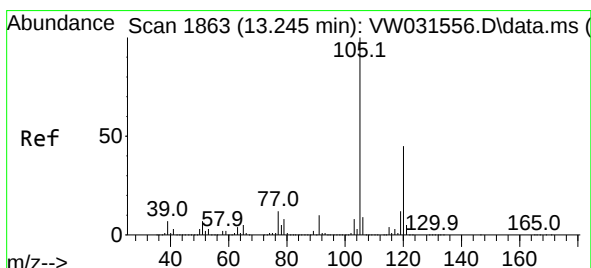
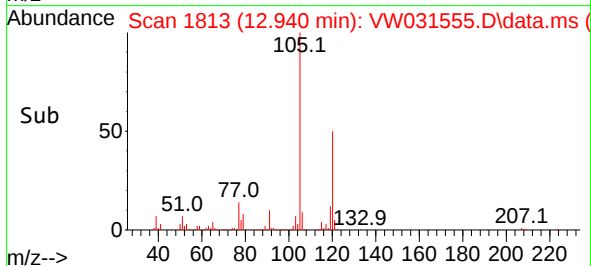
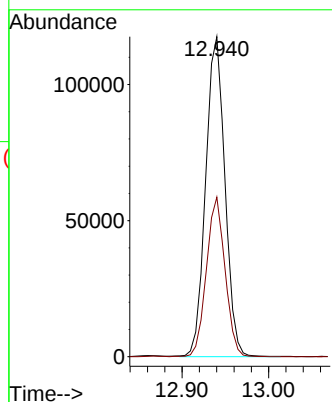
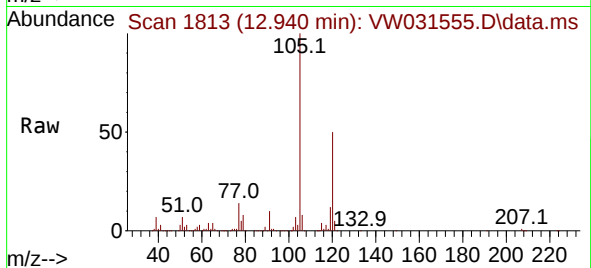
ClientSampleId :

Tgt Ion:105 Resp: 181630

Ion Ratio Lower Upper

105 100

120 48.2 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 5.028 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031555.D

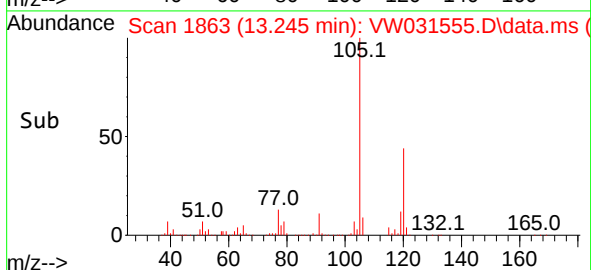
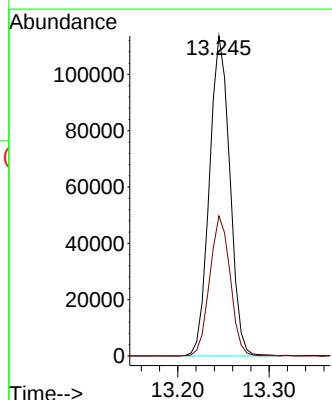
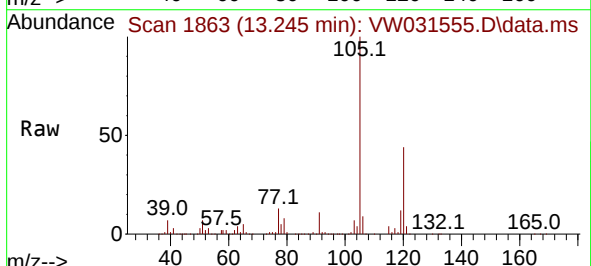
Acq: 10 Jan 2025 10:09

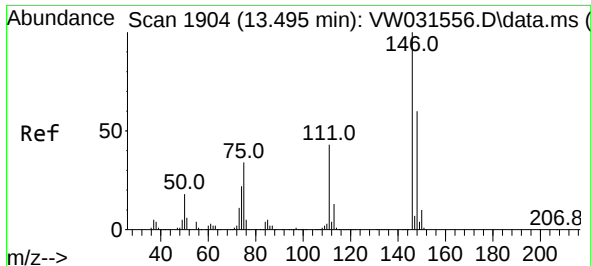
Tgt Ion:105 Resp: 176726

Ion Ratio Lower Upper

105 100

120 43.6 36.3 54.5

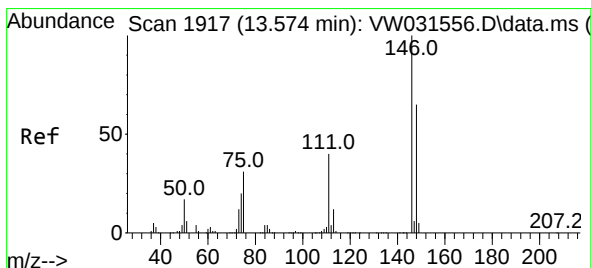
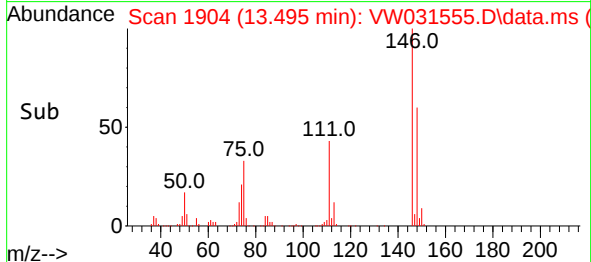
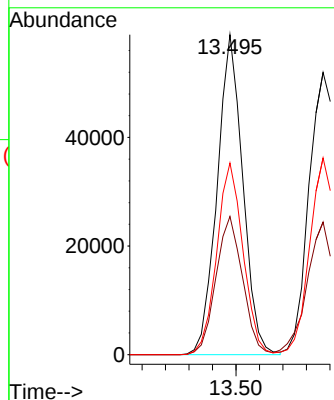
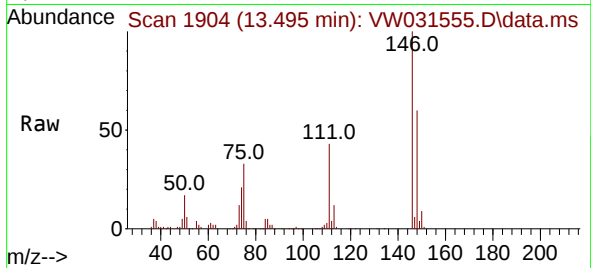




#64
1,3-Dichlorobenzene
Concen: 5.140 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

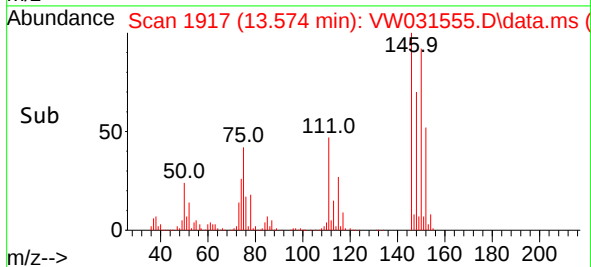
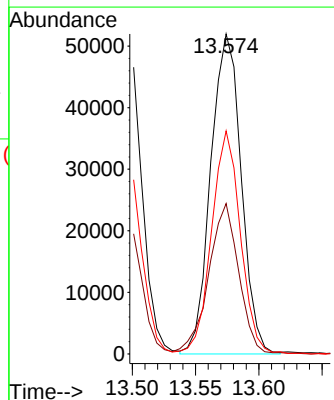
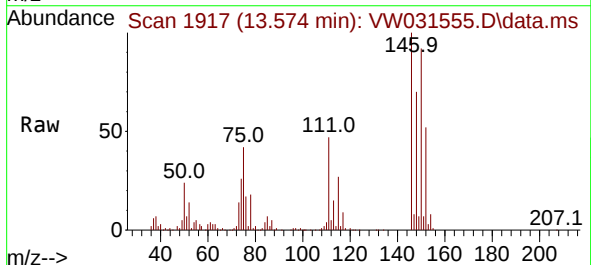
Instrument :
MSVOA_W
ClientSampleId :

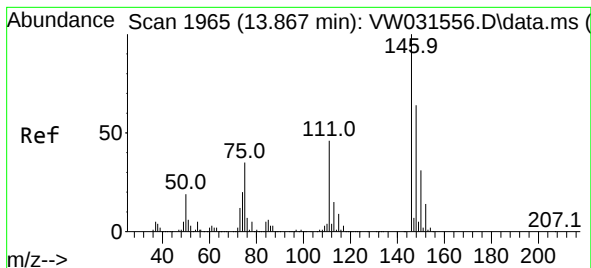
Tgt Ion:146 Resp: 89410
Ion Ratio Lower Upper
146 100
111 43.2 30.4 56.5
148 59.9 42.1 78.1



#65
1,4-Dichlorobenzene
Concen: 5.052 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

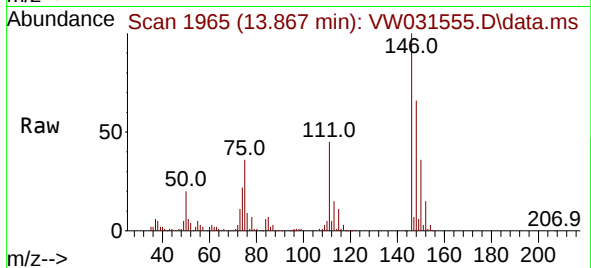
Tgt Ion:146 Resp: 86920
Ion Ratio Lower Upper
146 100
111 47.0 28.5 52.9
148 69.7 45.4 84.4



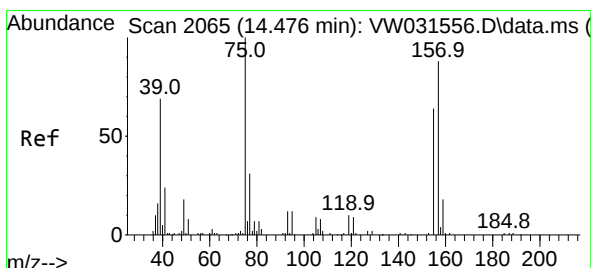
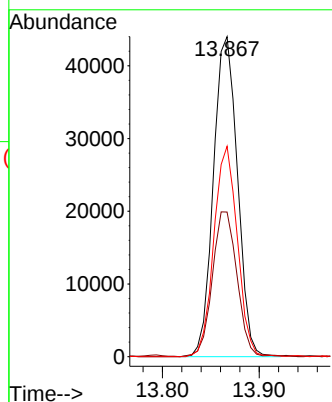
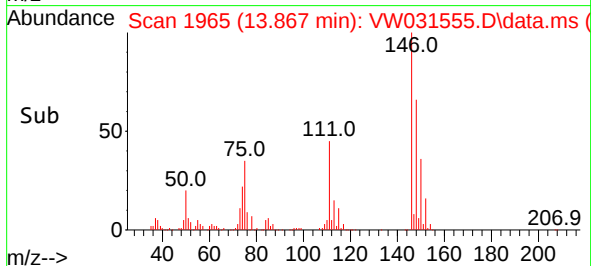


#67
1,2-Dichlorobenzene
Concen: 5.119 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

Instrument :
MSVOA_W
ClientSampleId :

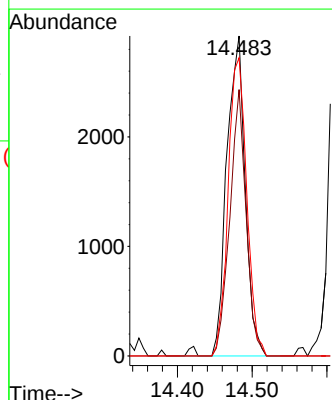
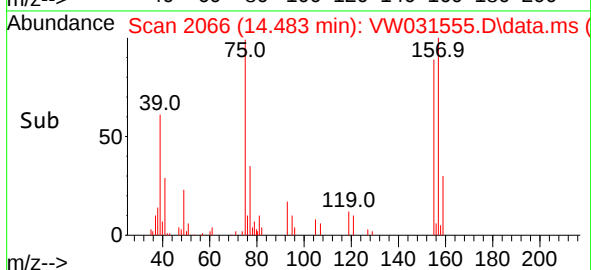
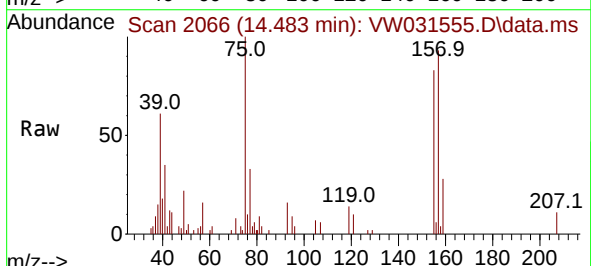


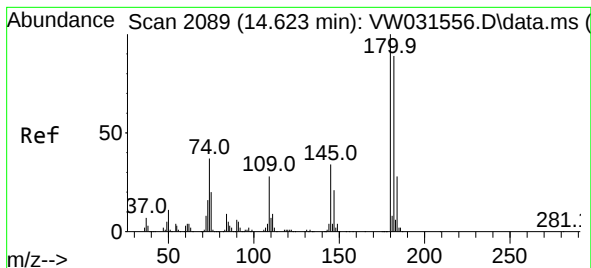
Tgt Ion:146 Resp: 76043
Ion Ratio Lower Upper
146 100
111 45.2 36.6 55.0
148 65.7 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.773 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW031555.D
Acq: 10 Jan 2025 10:09

Tgt Ion: 75 Resp: 5031
Ion Ratio Lower Upper
75 100
155 83.3 51.0 76.4#
157 93.2 70.2 105.2





#69

1,3,5-Trichlorobenzene

Concen: 5.219 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

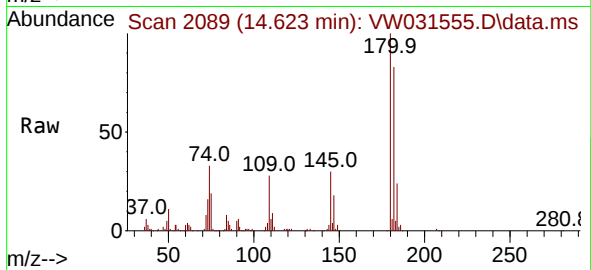
Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 61518

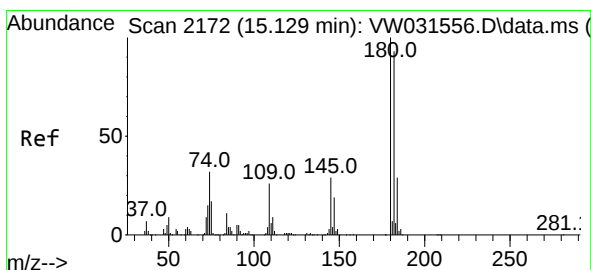
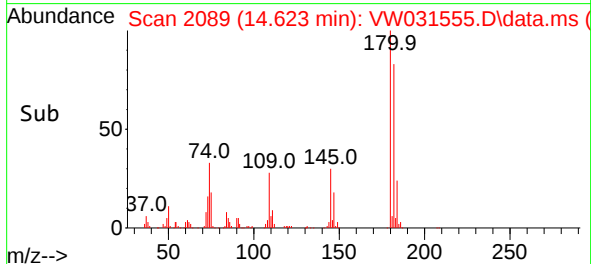
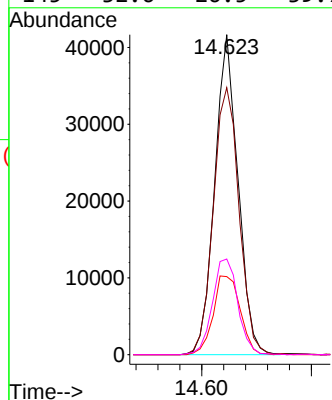
Ion Ratio Lower Upper

180 100

182 92.2 74.2 111.4

184 28.5 23.0 34.4

145 32.6 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 5.079 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

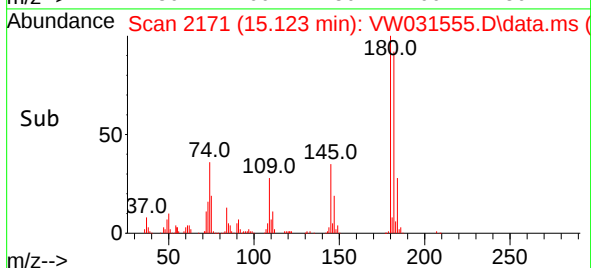
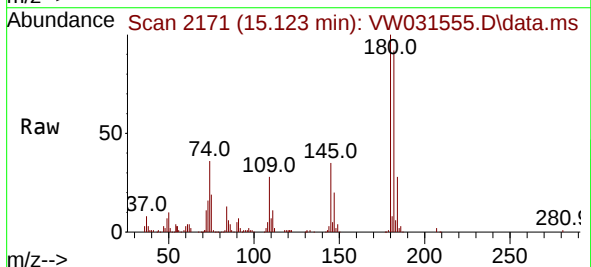
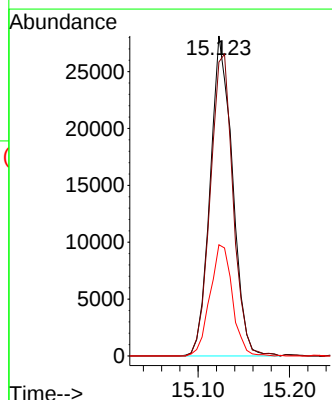
Tgt Ion:180 Resp: 47692

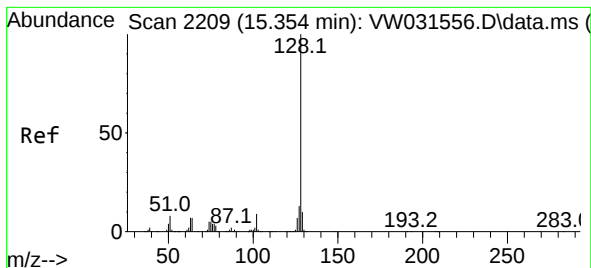
Ion Ratio Lower Upper

180 100

182 96.0 77.7 116.5

145 34.8 26.6 39.8





#71

Naphthalene

Concen: 4.935 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

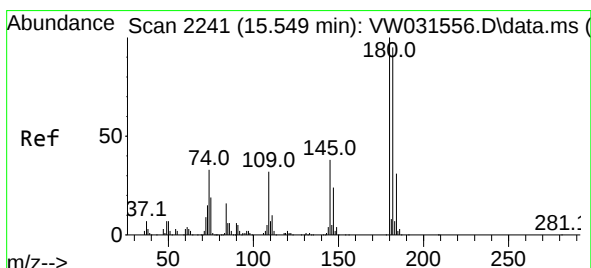
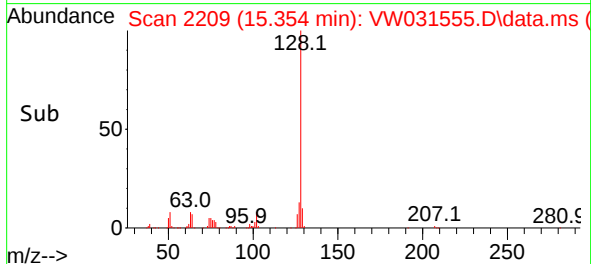
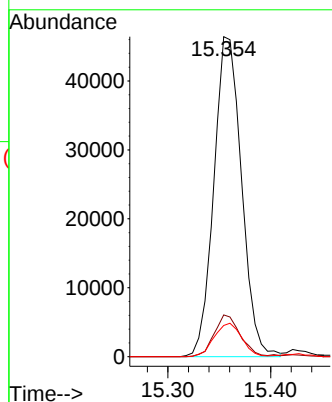
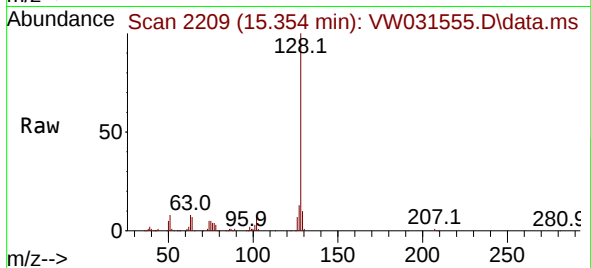
Tgt Ion:128 Resp: 86896

Ion Ratio Lower Upper

128 100

127 12.3 10.4 15.6

129 10.5 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 5.230 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031555.D

Acq: 10 Jan 2025 10:09

Tgt Ion:180 Resp: 41359

Ion Ratio Lower Upper

180 100

182 94.1 76.9 115.3

145 35.2 30.1 45.1

