

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013125\
 Data File : VW031676.D
 Acq On : 31 Jan 2025 19:22
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 03 08:02:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 03 07:53:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	484858	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	335493	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140900	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	160287	21.081	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.320%		
7) Chloroethane-d5	2.893	69	109325	21.246	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.000%		
11) 1,1-Dichloroethene-d2	4.021	65	79292	21.037	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.160%		
21) 2-Butanone-d5	7.087	46	107173	44.723	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.440%		
24) Chloroform-d	7.648	84	224883	21.340	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.360%		
26) 1,2-Dichloroethane-d4	8.300	65	83754	20.597	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.400%		
32) Benzene-d6	8.270	84	512260	22.195	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.800%		
36) 1,2-Dichloropropane-d6	9.270	67	123548	21.956	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.840%		
41) Toluene-d8	10.318	98	464346	22.404	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.600%		
43) trans-1,3-Dichloroprop...	10.574	79	35666	21.478	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.920%		
47) 2-Hexanone-d5	10.922	63	51127	48.617	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.240%		
56) 1,1,2,2-Tetrachloroeth...	12.684	84	88058	22.088	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.360%		
66) 1,2-Dichlorobenzene-d4	13.848	152	105603	22.946	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	188922	27.554	ug/L	94
3) Chloromethane	2.216	50	150282	22.993	ug/L	95
5) Vinyl chloride	2.375	62	231205	25.682	ug/L	96
6) Bromomethane	2.789	94	96689	23.639	ug/L	95
8) Chloroethane	2.929	64	114009	26.002	ug/L	92
9) Trichlorofluoromethane	3.259	101	199464	28.311	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	221971	27.955	ug/L	95
12) 1,1-Dichloroethene	4.039	96	201042	26.270	ug/L	96
13) Acetone	4.143	43	78328	40.834	ug/L	100
14) Carbon disulfide	4.393	76	622501	26.689	ug/L	99
15) Methyl Acetate	4.679	43	74324	22.048	ug/L #	100
16) Methylene chloride	4.929	84	110711	21.759	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	189661	24.948	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	147710	22.626	ug/L	100
19) 1,1-Dichloroethane	6.215	63	289485	24.643	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	155469	23.715	ug/L	98
22) 2-Butanone	7.179	43	117824	41.273	ug/L	99
23) Bromochloromethane	7.514	128	47044	22.144	ug/L	85
25) Chloroform	7.672	83	248011	23.723	ug/L	95

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 Quant Title : SFAM01.0
 QLast Update : Mon Feb 03 07:53:12 2025
 Response via : Initial Calibration

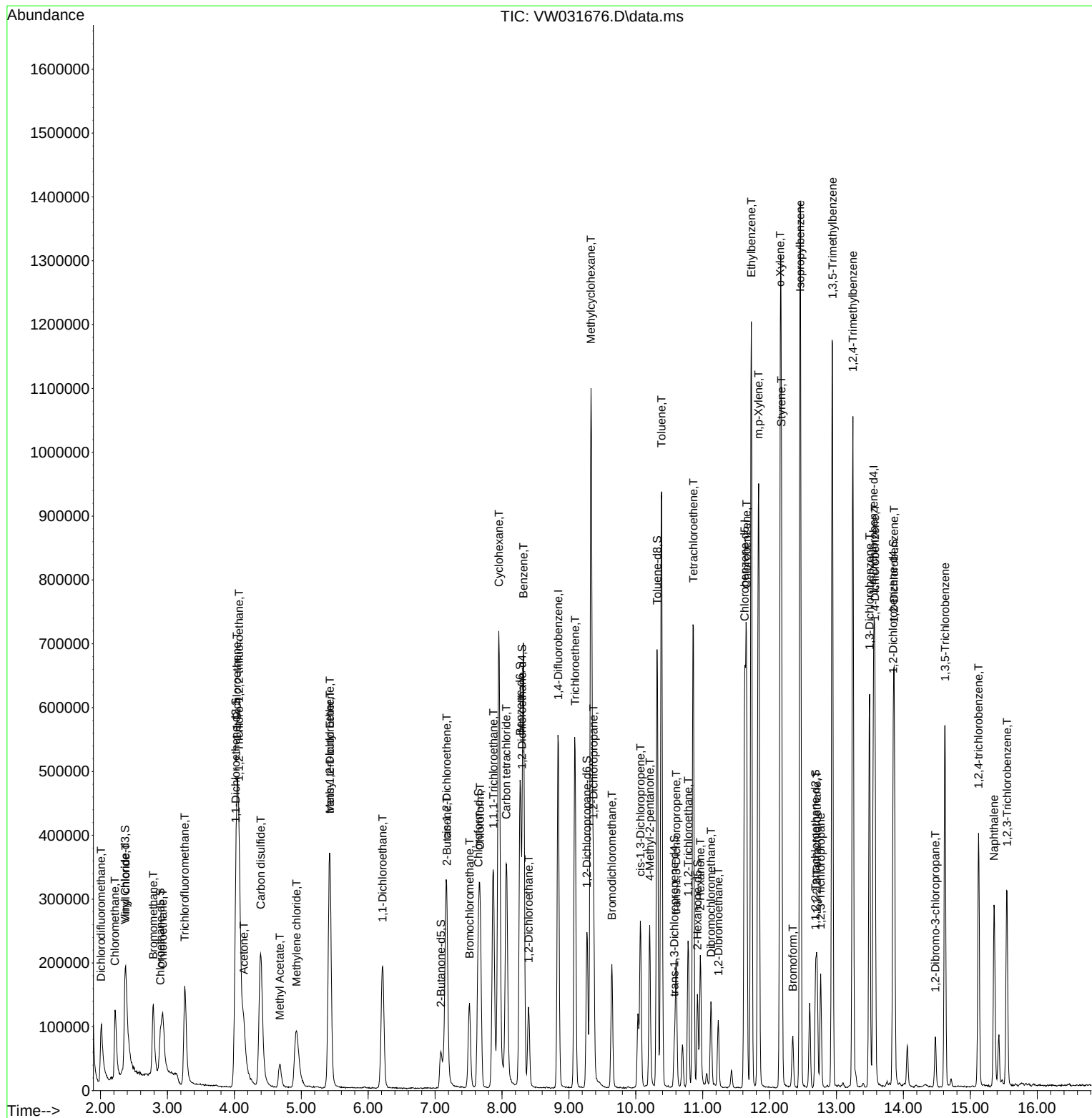
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	113641	22.476	ug/L	95
29) Cyclohexane	7.953	56	448849	29.092	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	291355	27.320	ug/L	99
31) Carbon tetrachloride	8.063	117	277667	27.702	ug/L	99
33) Benzene	8.319	78	656732	24.432	ug/L	100
34) Trichloroethene	9.093	95	202824	25.580	ug/L	95
35) Methylcyclohexane	9.331	83	470664	29.751	ug/L	100
37) 1,2-Dichloropropane	9.367	63	129459	23.918	ug/L	100
38) Bromodichloromethane	9.642	83	136311	24.184	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	159972	23.789	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	164904	46.052	ug/L	98
42) Toluene	10.385	91	706904	25.200	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	117687	24.056	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	73262	22.624	ug/L	97
46) Tetrachloroethene	10.861	164	157877	26.781	ug/L	93
48) 2-Hexanone	10.965	43	126133	46.886	ug/L	95
49) Dibromochloromethane	11.123	129	70496	23.521	ug/L	91
50) 1,2-Dibromoethane	11.233	107	72852	23.291	ug/L	93
51) Chlorobenzene	11.653	112	362012	24.106	ug/L	97
52) Ethylbenzene	11.727	91	857174	26.495	ug/L	98
53) m,p-Xylene	11.836	106	313515	26.772	ug/L	96
54) o-Xylene	12.159	106	253352	25.394	ug/L	94
55) Styrene	12.178	104	378514	24.585	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	95561	22.717	ug/L	99
59) Bromoform	12.348	173	37083	23.902	ug/L	100
60) Isopropylbenzene	12.458	105	909400	27.942	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	74998	23.334	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	653626	27.315	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	579889	26.976	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	253096	25.599	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	242500	24.881	ug/L	90
67) 1,2-Dichlorobenzene	13.860	146	194158	23.999	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	21566	24.359	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	175360	25.429	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	121553	24.147	ug/L	96
71) Naphthalene	15.354	128	250918	24.373	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	104880	25.563	ug/L	93

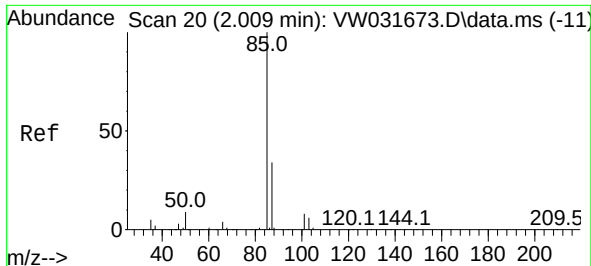
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Data File : VW031676.D
Acq On : 31 Jan 2025 19:22
Operator : SY/MD
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Misc : 5.00g/10mL/MSVOA_W/SOIL
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Quant Title : SFAM01.0
QLast Update : Mon Feb 03 07:53:12 2025
Response via : Initial Calibration

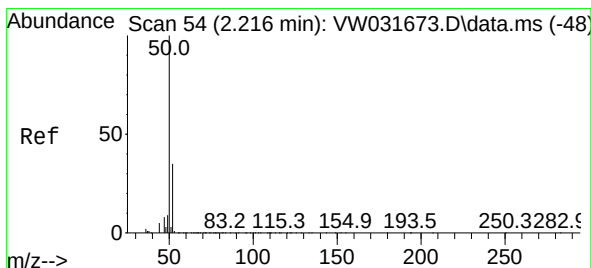
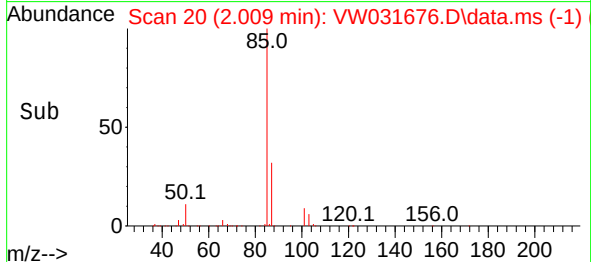
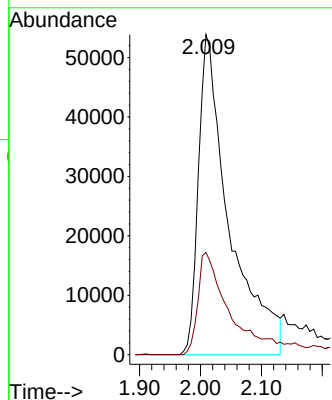
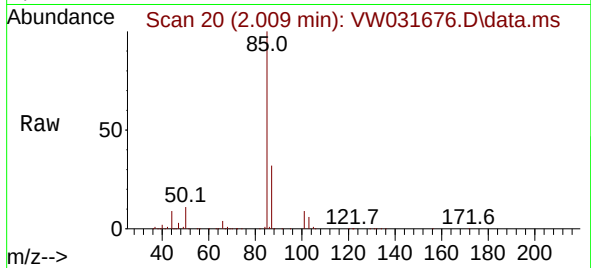




#2
 Dichlorodifluoromethane
 Concen: 27.554 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VW031676.D
 Acq: 31 Jan 2025 19:22

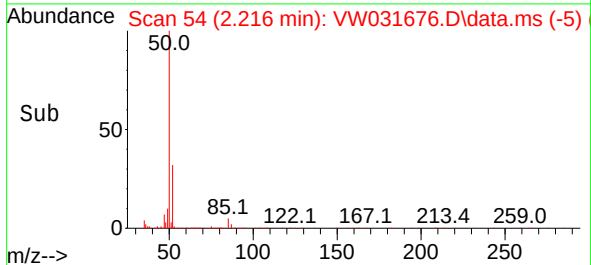
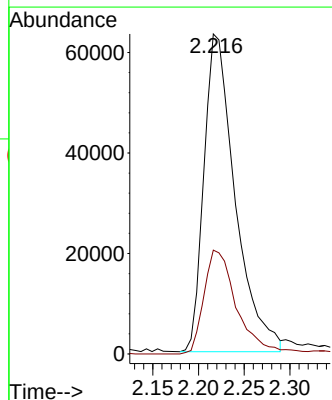
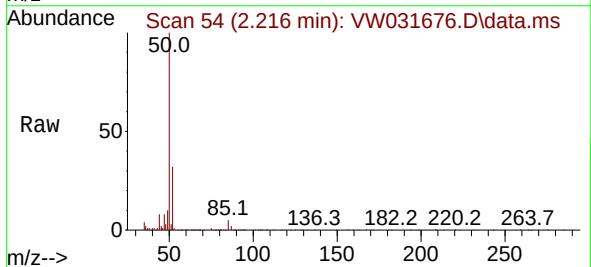
Instrument :
 MSVOA_W
 ClientSampleId :

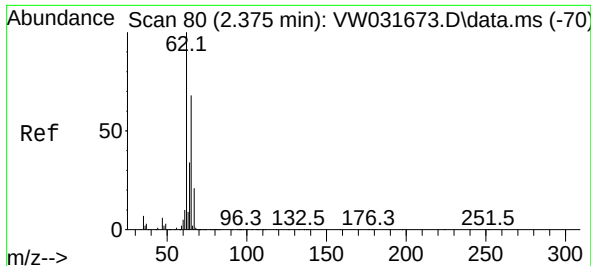
Tgt Ion: 85 Resp: 188922
 Ion Ratio Lower Upper
 85 100
 87 27.7 19.6 29.4



#3
 Chloromethane
 Concen: 22.993 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VW031676.D
 Acq: 31 Jan 2025 19:22

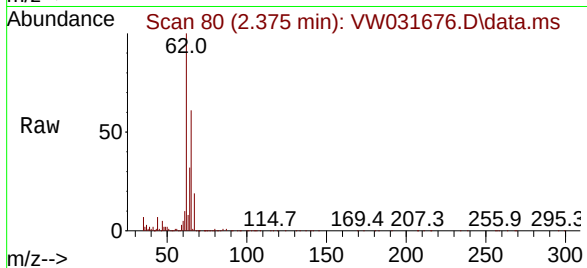
Tgt Ion: 50 Resp: 150282
 Ion Ratio Lower Upper
 50 100
 52 32.4 24.6 45.8



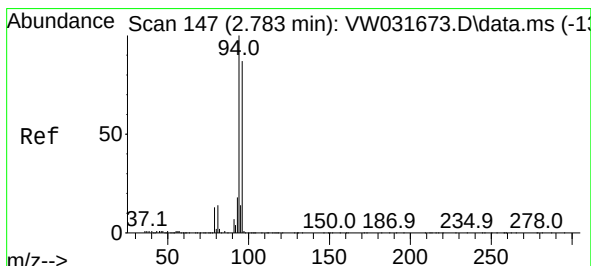
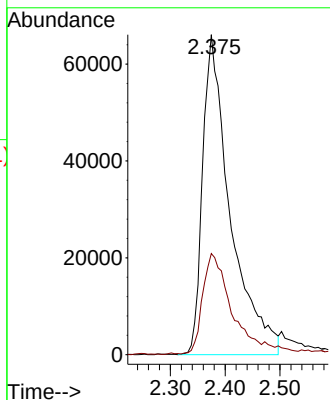
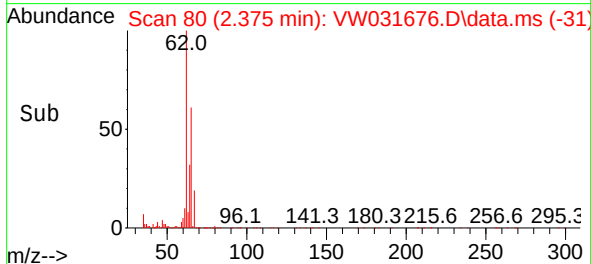


#5
 Vinyl chloride
 Concen: 25.682 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW031676.D
 Acq: 31 Jan 2025 19:22

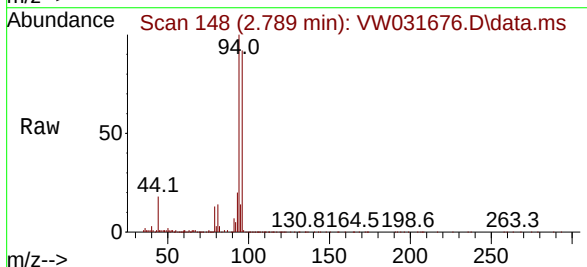
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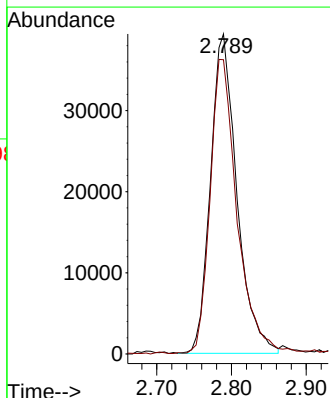
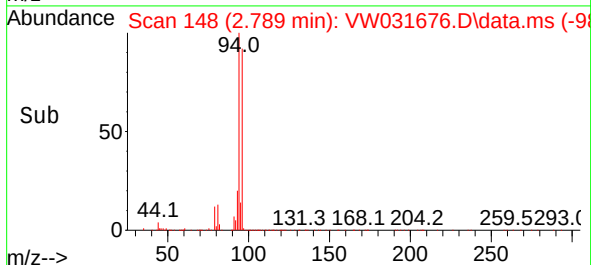
Tgt Ion: 62 Resp: 231205
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.8 44.2

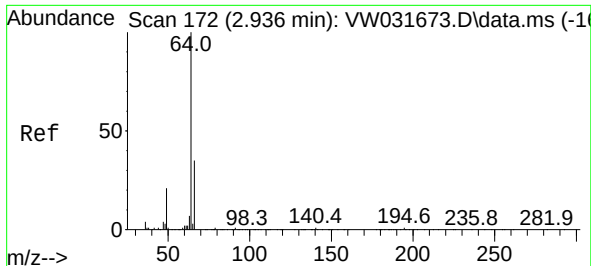


#6
 Bromomethane
 Concen: 23.639 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW031676.D
 Acq: 31 Jan 2025 19:22



Tgt Ion: 94 Resp: 96689
 Ion Ratio Lower Upper
 94 100
 96 91.9 61.2 113.6

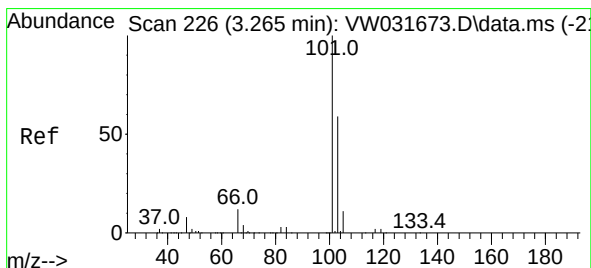
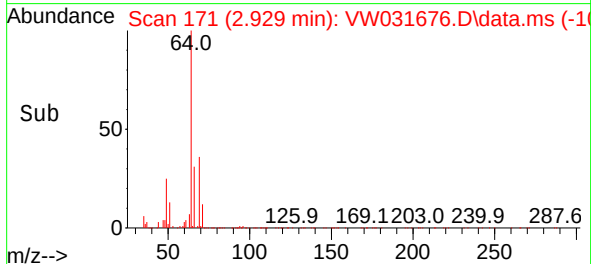
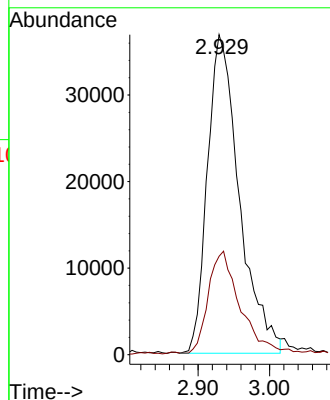
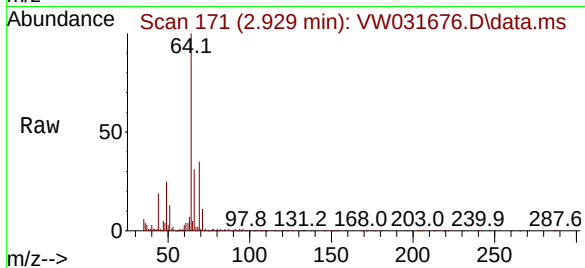




#8
Chloroethane
Concen: 26.002 ug/L
RT: 2.929 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031676.D
Acq: 31 Jan 2025 19:22

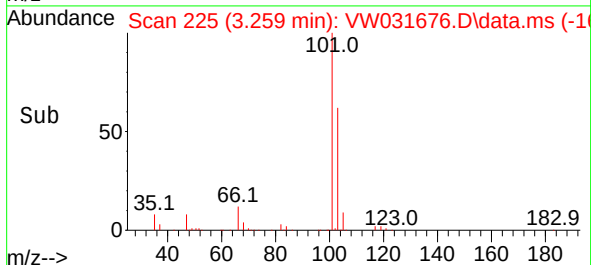
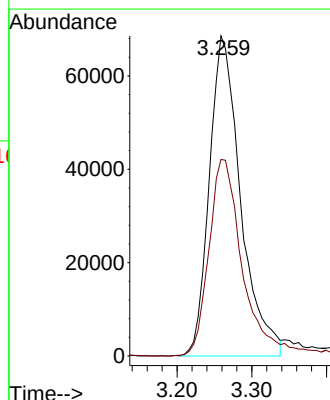
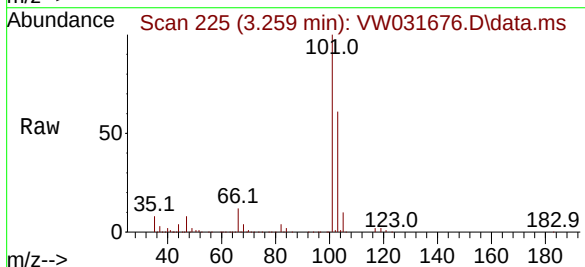
Instrument :
MSVOA_W
ClientSampleId :

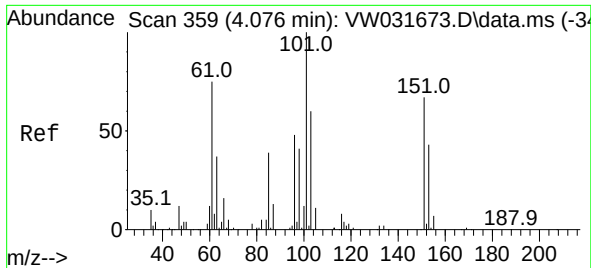
Tgt Ion: 64 Resp: 114009
Ion Ratio Lower Upper
64 100
66 30.8 24.7 45.9



#9
Trichlorofluoromethane
Concen: 28.311 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW031676.D
Acq: 31 Jan 2025 19:22

Tgt Ion:101 Resp: 199464
Ion Ratio Lower Upper
101 100
103 66.5 51.3 76.9

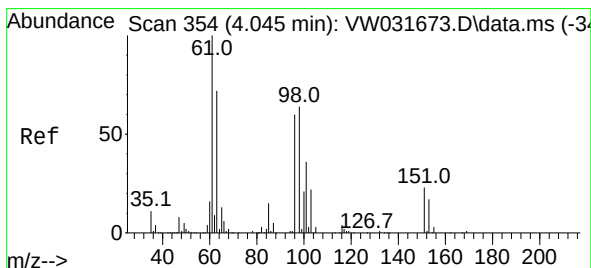
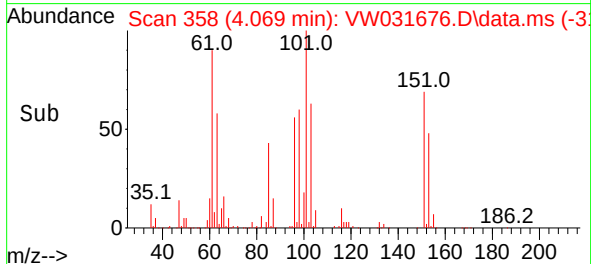
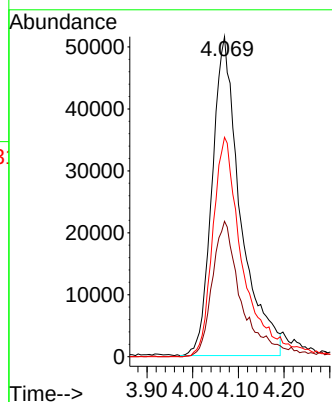
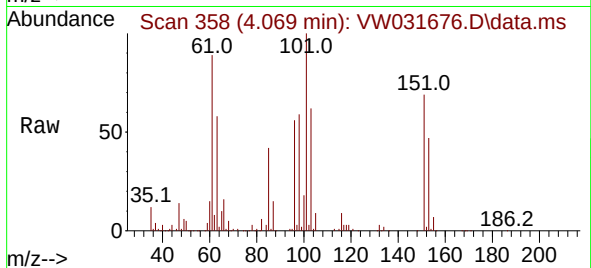




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.955 ug/L
 RT: 4.069 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW031676.D
 Acq: 31 Jan 2025 19:22

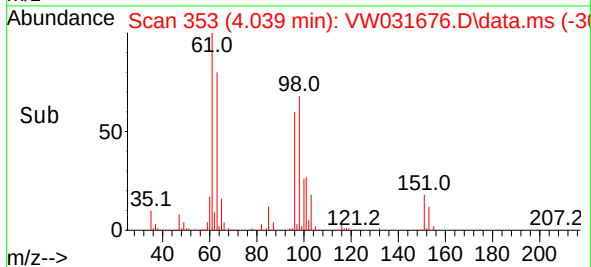
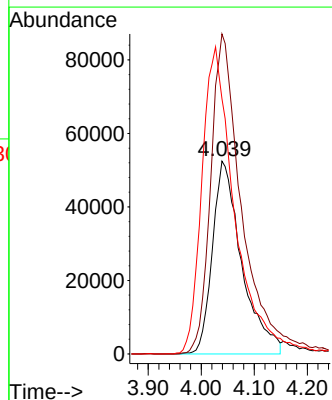
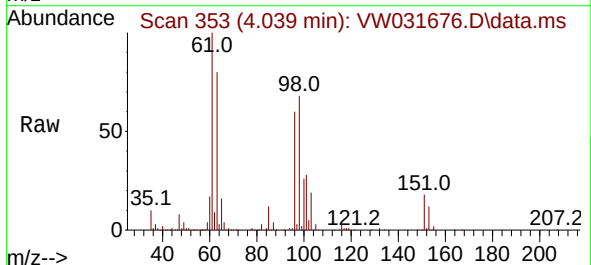
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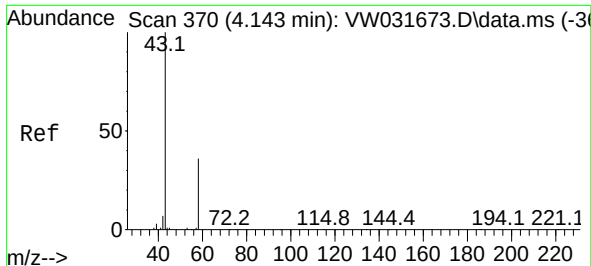
Tgt Ion:101 Resp: 221971
 Ion Ratio Lower Upper
 101 100
 85 40.3 36.3 54.5
 151 67.2 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 26.270 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW031676.D
 Acq: 31 Jan 2025 19:22

Tgt Ion: 96 Resp: 201042
 Ion Ratio Lower Upper
 96 100
 61 166.0 117.5 218.3
 63 132.4 86.5 160.7

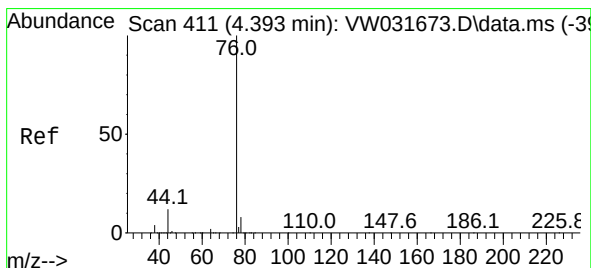
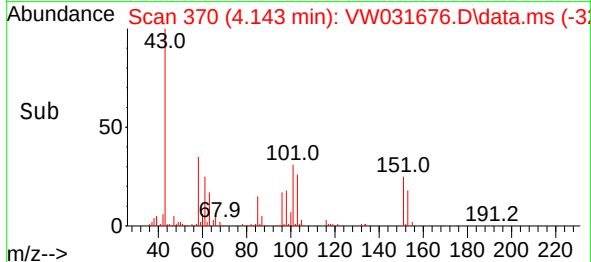
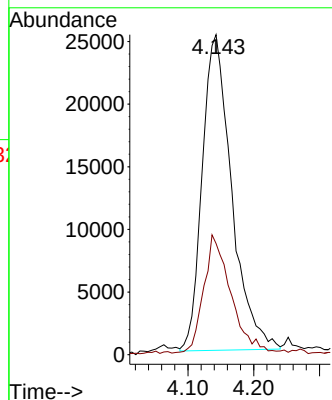
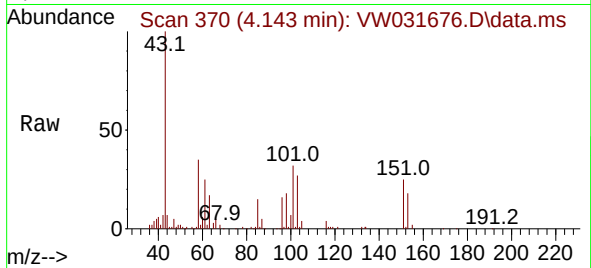




#13
Acetone
Concen: 40.834 ug/L
RT: 4.143 min Scan# 370
Delta R.T. -0.000 min
Lab File: VW031676.D
Acq: 31 Jan 2025 19:22

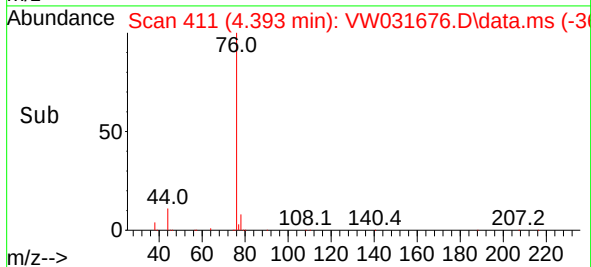
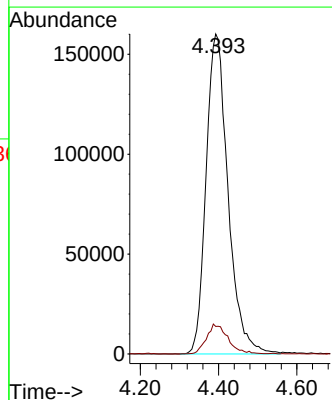
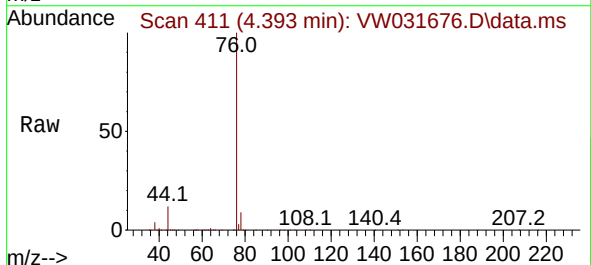
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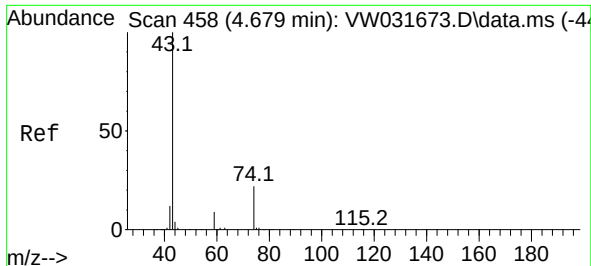
Tgt Ion: 43 Resp: 78328
Ion Ratio Lower Upper
43 100
58 35.3 0.0 70.2



#14
Carbon disulfide
Concen: 26.689 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW031676.D
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Tgt Ion: 76 Resp: 622501
Ion Ratio Lower Upper
76 100
78 8.6 6.6 9.8

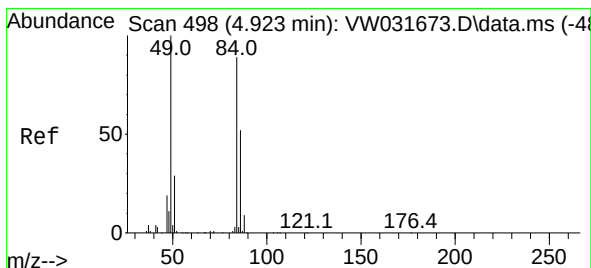
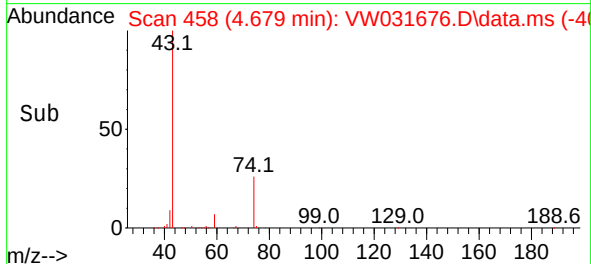
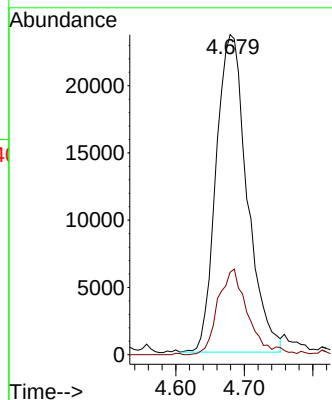
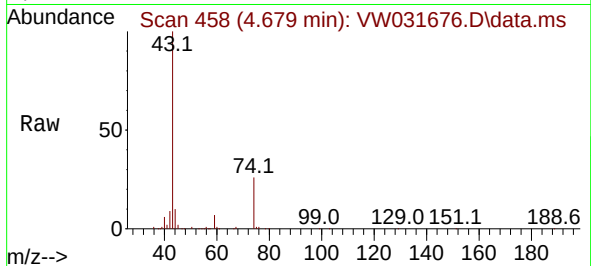




#15
Methyl Acetate
Concen: 22.048 ug/L
RT: 4.679 min Scan# 458
Delta R.T. -0.000 min
Lab File: VW031676.D
Acq: 31 Jan 2025 19:22

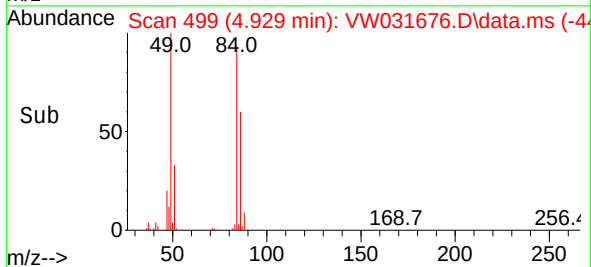
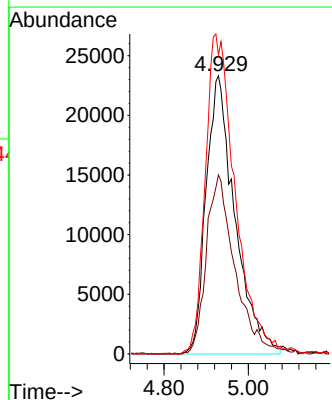
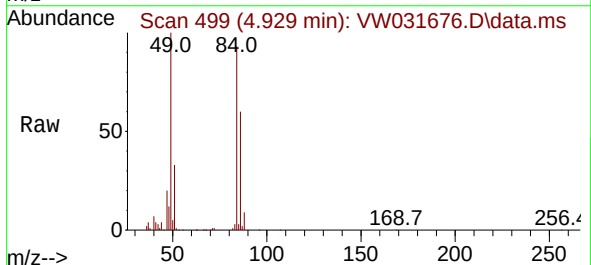
Instrument :
MSVOA_W
ClientSampleId :

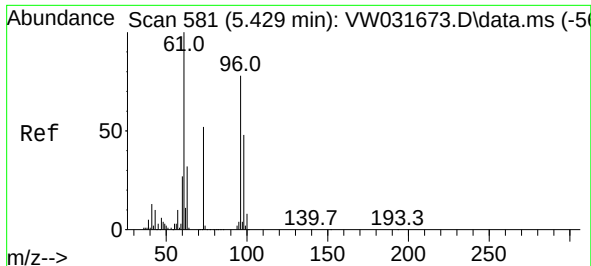
Tgt Ion: 43 Resp: 74324
Ion Ratio Lower Upper
43 100
74 25.0 0.0 0.0#



#16
Methylene chloride
Concen: 21.759 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.006 min
Lab File: VW031676.D
Acq: 31 Jan 2025 19:22

Tgt Ion: 84 Resp: 110711
Ion Ratio Lower Upper
84 100
86 64.3 40.9 76.0
49 107.4 78.9 146.5

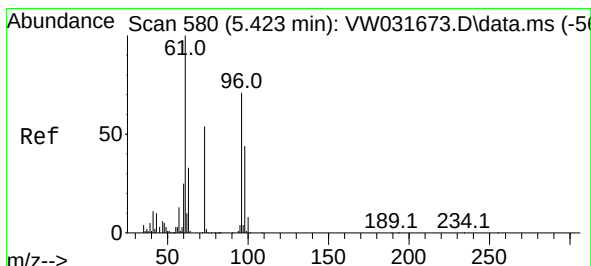
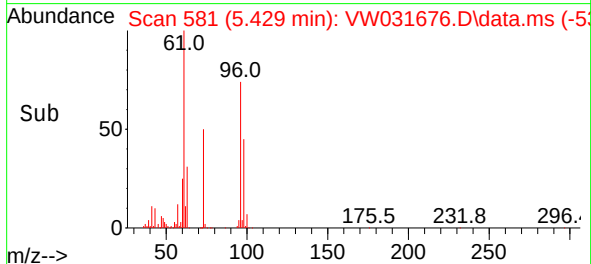
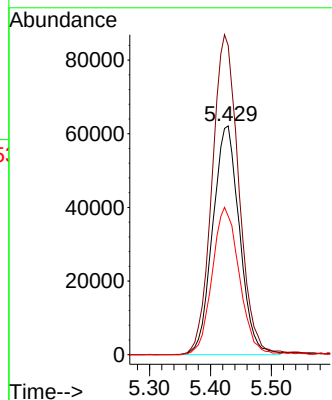
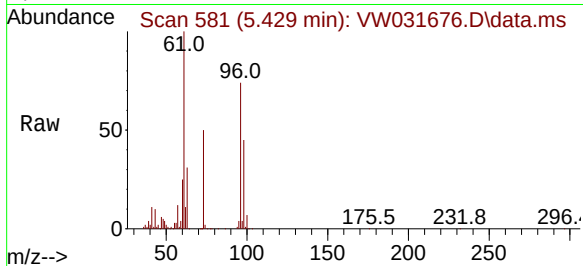




#17
trans-1,2-Dichloroethene
Concen: 24.948 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW031676.D
Acq: 31 Jan 2025 19:22

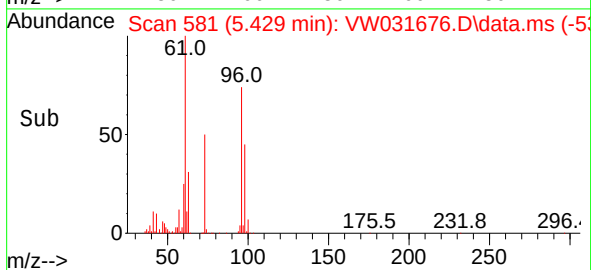
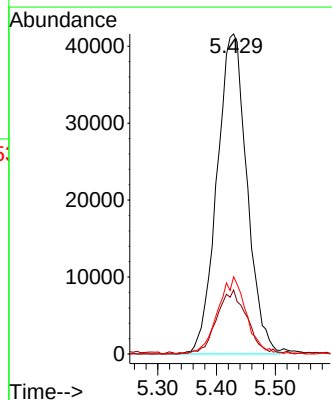
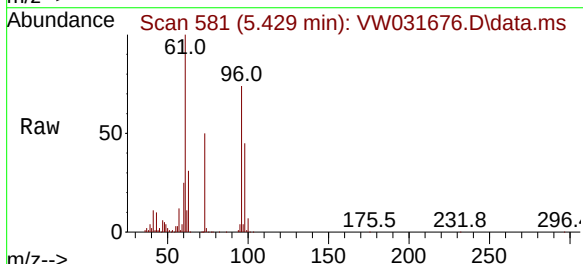
Instrument :
MSVOA_W
ClientSampleId :

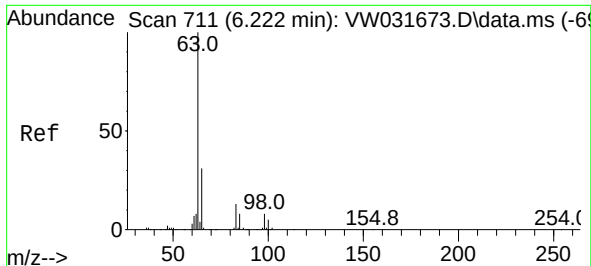
Tgt Ion: 96 Resp: 189661
Ion Ratio Lower Upper
96 100
61 135.1 90.3 167.7
98 60.6 43.0 80.0



#18
Methyl tert-butyl Ether
Concen: 22.626 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW031676.D
Acq: 31 Jan 2025 19:22

Tgt Ion: 73 Resp: 147710
Ion Ratio Lower Upper
73 100
43 19.1 15.4 23.2
57 22.7 18.2 27.2





#19

1,1-Dichloroethane

Concen: 24.643 ug/L

RT: 6.215 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Instrument :

MSVOA_W

ClientSampleId :

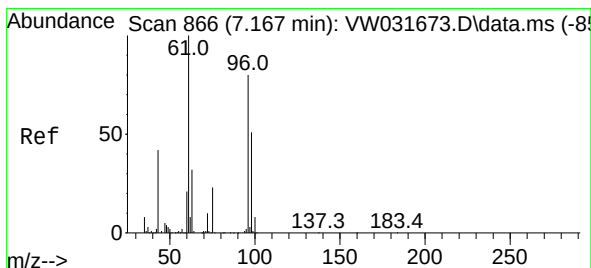
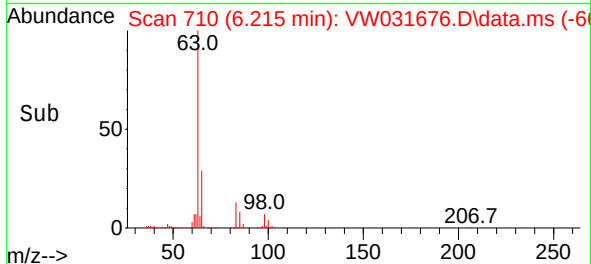
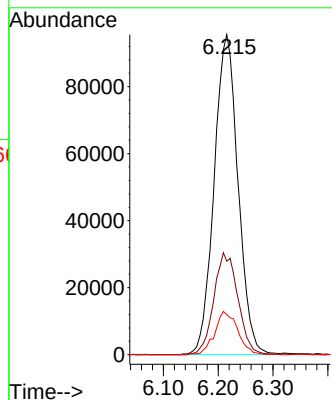
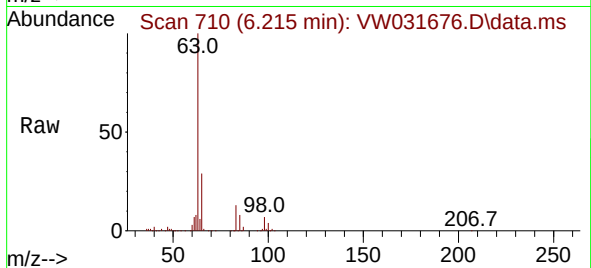
Tgt Ion: 63 Resp: 289485

Ion Ratio Lower Upper

63 100

65 29.2 21.6 40.2

83 12.5 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 23.715 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

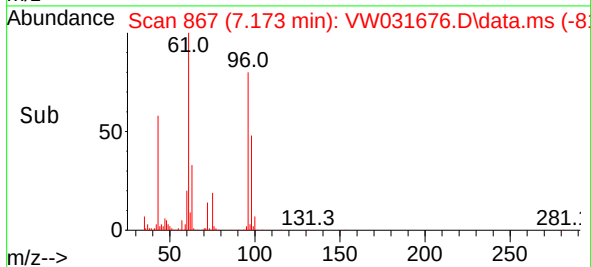
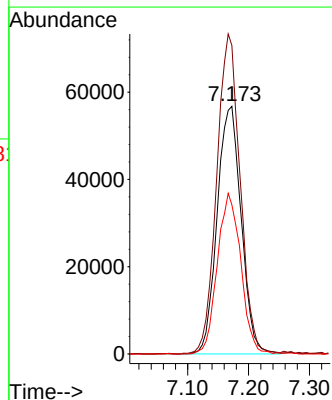
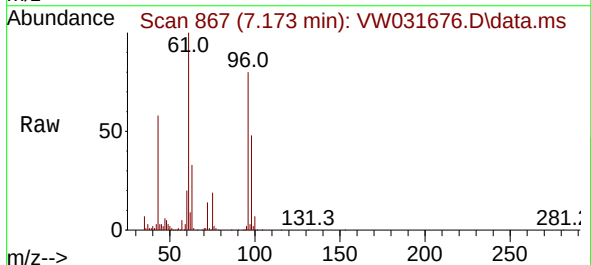
Tgt Ion: 96 Resp: 155469

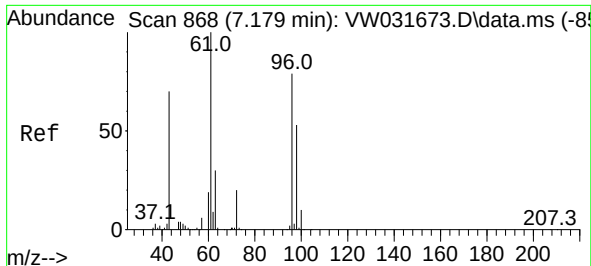
Ion Ratio Lower Upper

96 100

61 124.5 87.4 162.4

98 60.2 44.4 82.4





#22

2-Butanone

Concen: 41.273 ug/L

RT: 7.179 min Scan# 868

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Instrument :

MSVOA_W

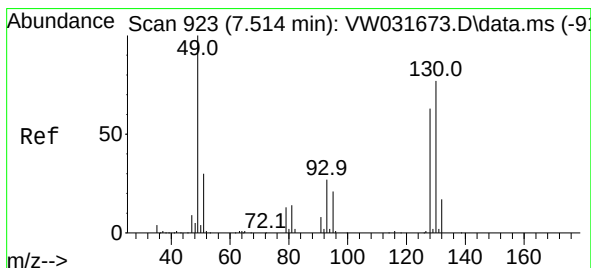
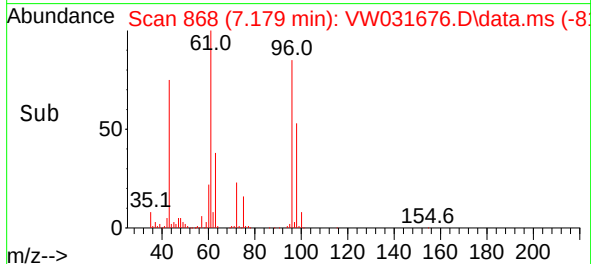
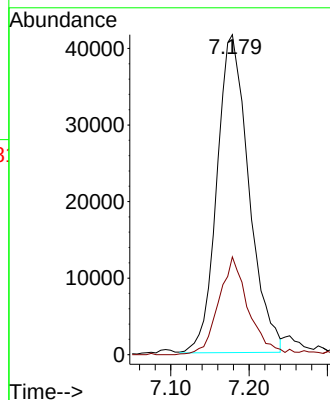
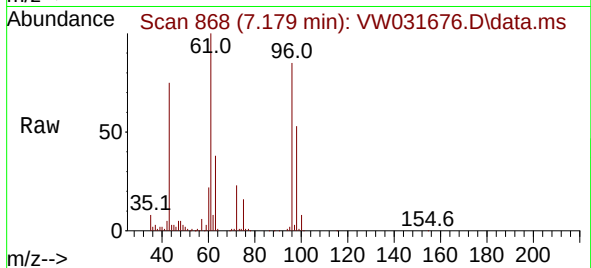
ClientSampleId :

Tgt Ion: 43 Resp: 117824

Ion Ratio Lower Upper

43 100

72 28.4 13.8 41.4



#23

Bromochloromethane

Concen: 22.144 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Tgt Ion:128 Resp: 47044

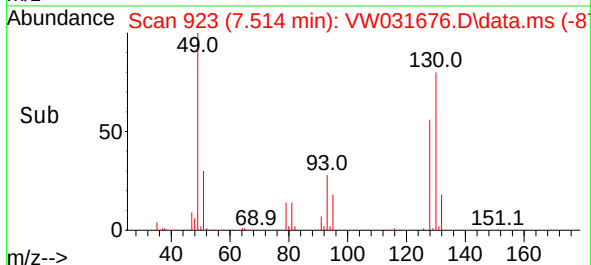
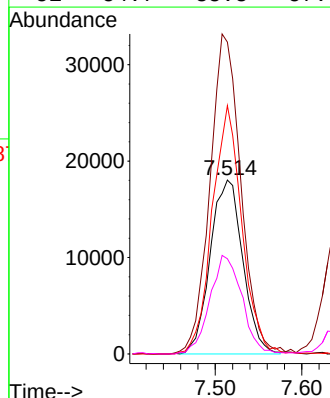
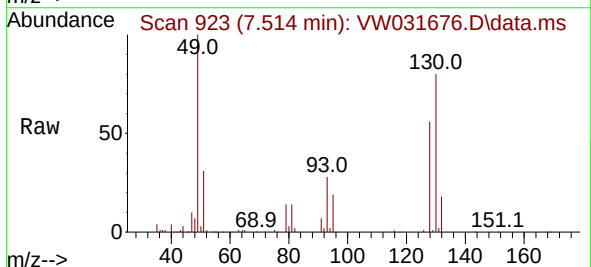
Ion Ratio Lower Upper

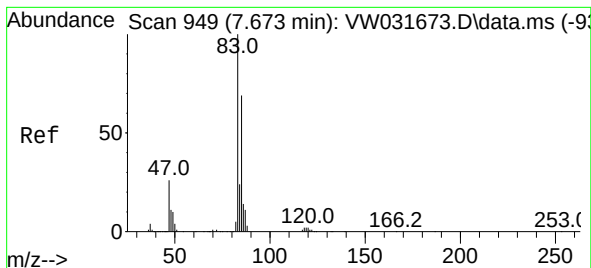
128 100

49 179.3 112.2 208.4

130 142.7 85.9 159.5

51 54.7 38.3 57.5

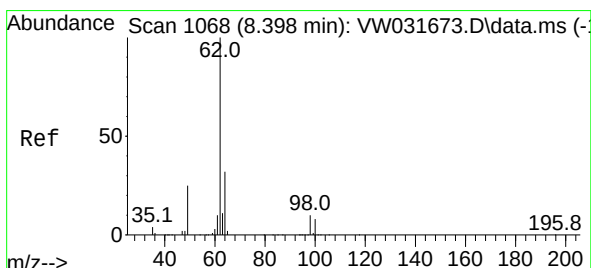
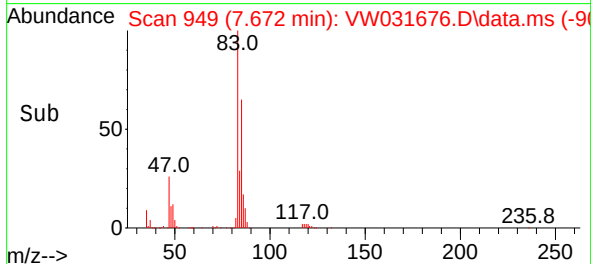
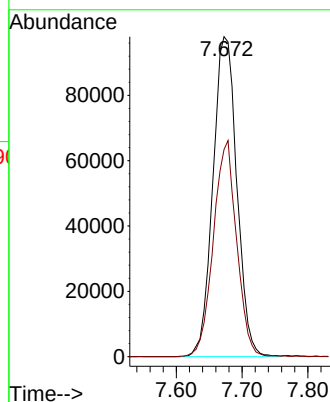
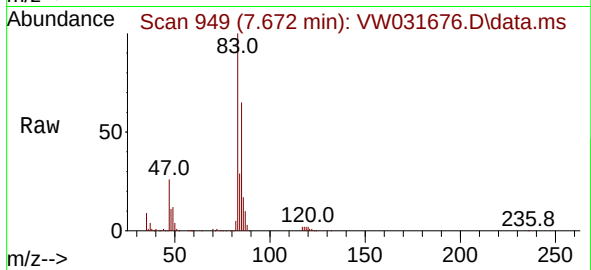




#25
Chloroform
Concen: 23.723 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW031676.D
Acq: 31 Jan 2025 19:22

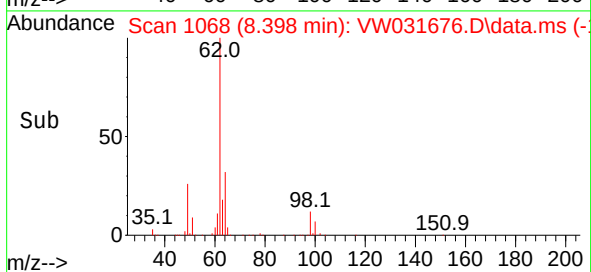
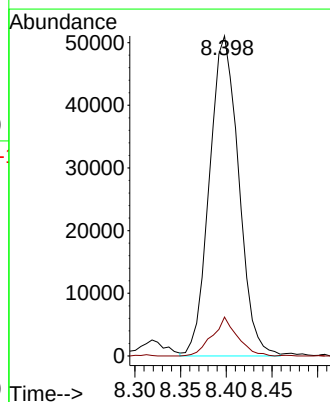
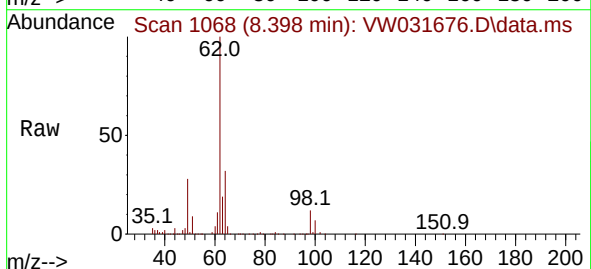
Instrument :
MSVOA_W
ClientSampleId :

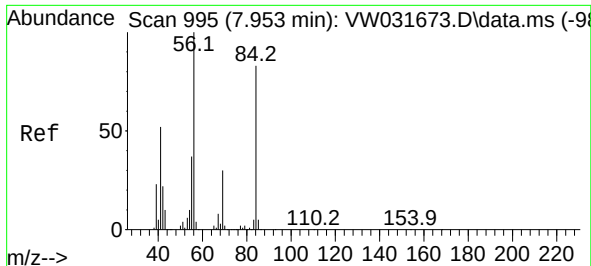
Tgt Ion: 83 Resp: 248011
Ion Ratio Lower Upper
83 100
85 64.7 48.4 89.8



#27
1,2-Dichloroethane
Concen: 22.476 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031676.D
Acq: 31 Jan 2025 19:22

Tgt Ion: 62 Resp: 113641
Ion Ratio Lower Upper
62 100
98 12.2 8.3 12.5





#29

Cyclohexane

Concen: 29.092 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Instrument :

MSVOA_W

ClientSampleId :

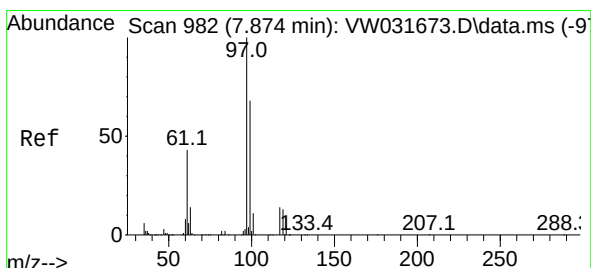
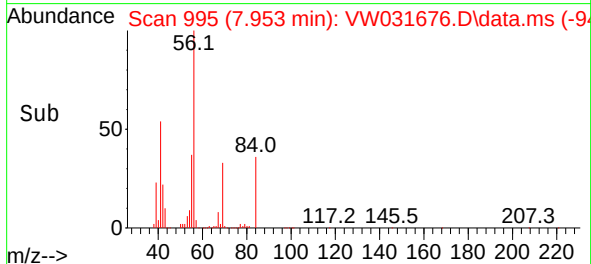
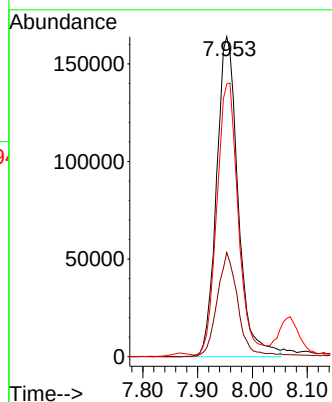
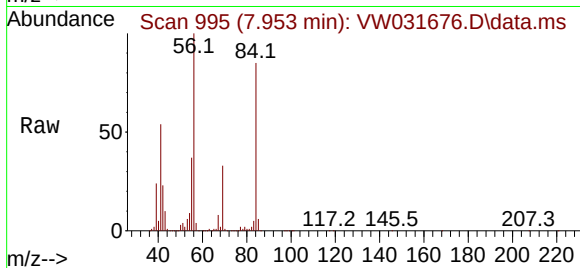
Tgt Ion: 56 Resp: 448849

Ion Ratio Lower Upper

56 100

69 30.8 24.2 36.4

84 84.6 67.8 101.8



#30

1,1,1-Trichloroethane

Concen: 27.320 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

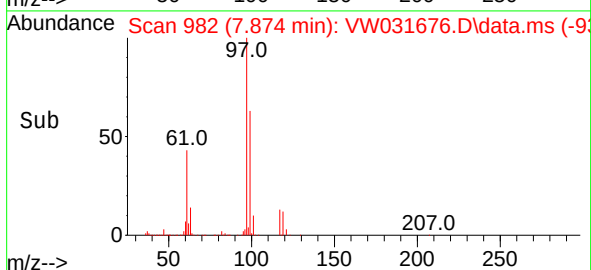
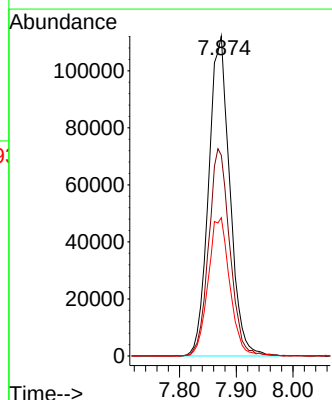
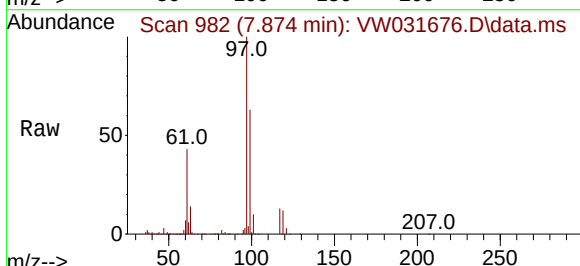
Tgt Ion: 97 Resp: 291355

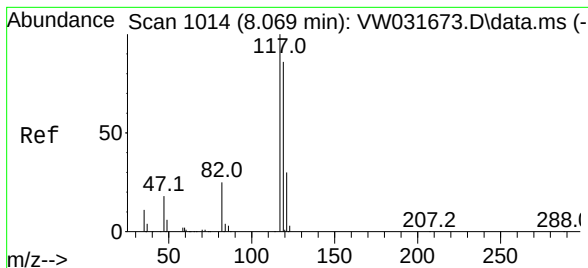
Ion Ratio Lower Upper

97 100

99 64.1 52.6 79.0

61 44.4 35.4 53.2





#31

Carbon tetrachloride

Concen: 27.702 ug/L

RT: 8.063 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Instrument :

MSVOA_W

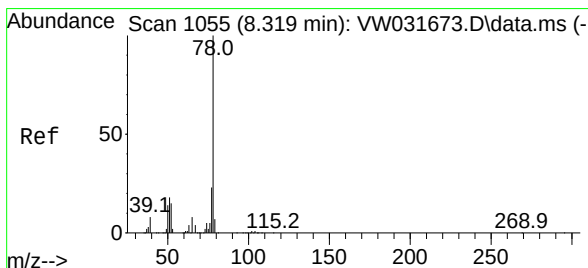
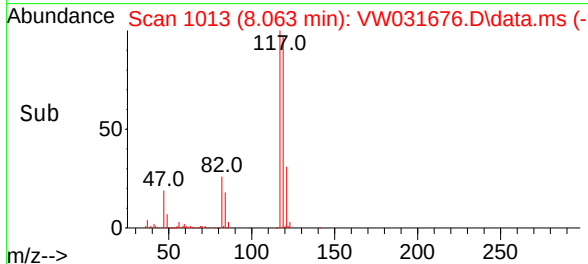
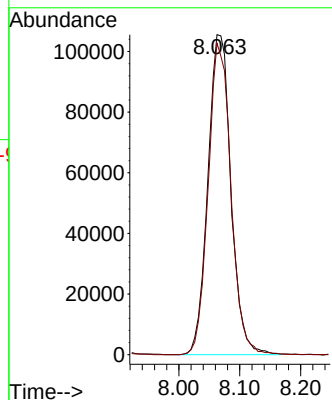
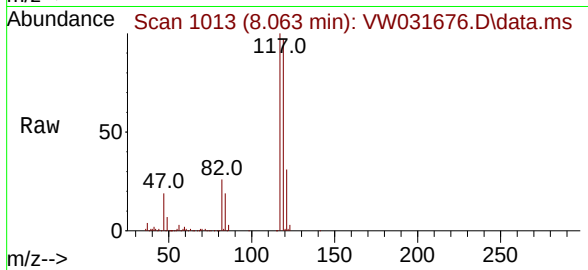
ClientSampleId :

Tgt Ion:117 Resp: 277667

Ion Ratio Lower Upper

117 100

119 96.0 75.7 113.5



#33

Benzene

Concen: 24.432 ug/L

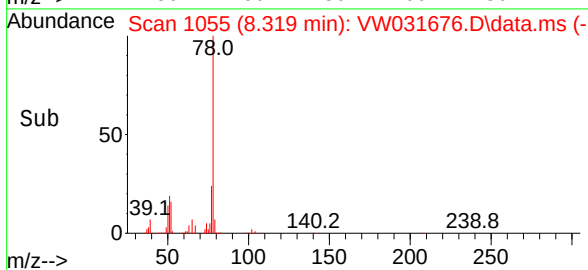
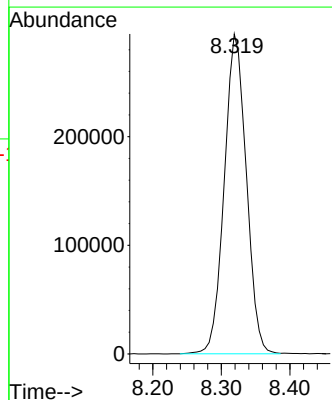
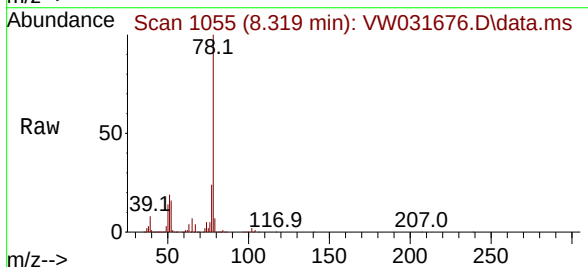
RT: 8.319 min Scan# 1055

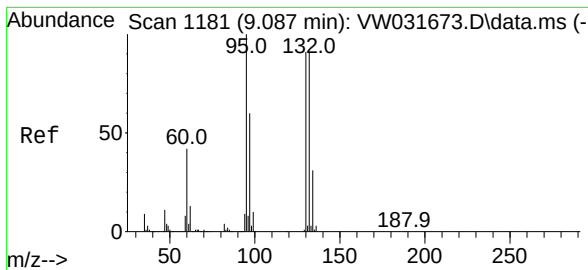
Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Tgt Ion: 78 Resp: 656732





#34

Trichloroethene

Concen: 25.580 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 202824

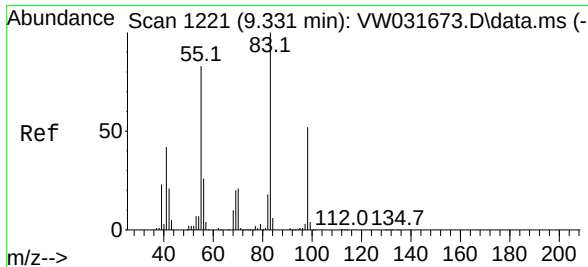
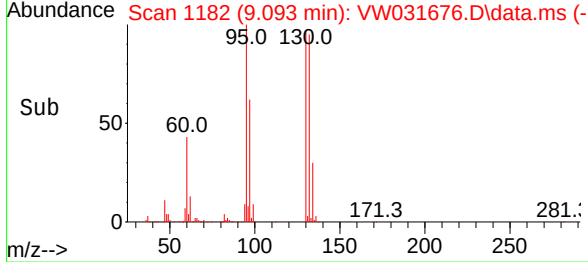
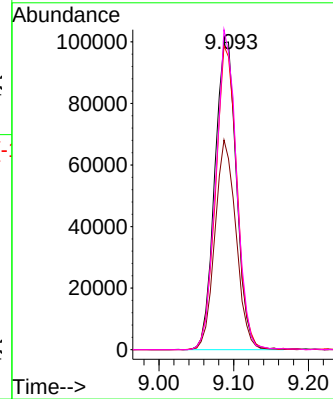
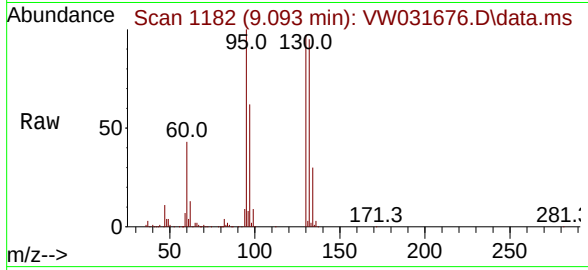
Ion Ratio Lower Upper

95 100

97 62.1 41.9 77.7

132 95.2 63.3 117.7

130 96.7 63.9 118.7



#35

Methylcyclohexane

Concen: 29.751 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

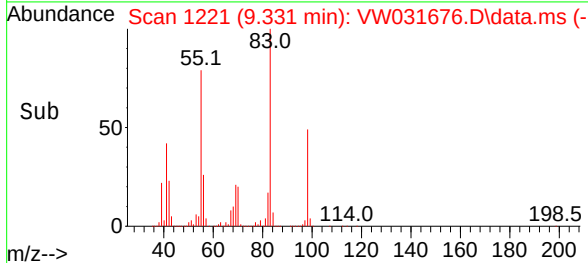
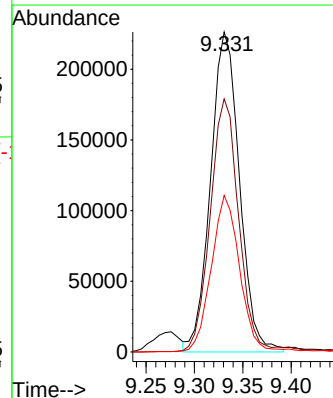
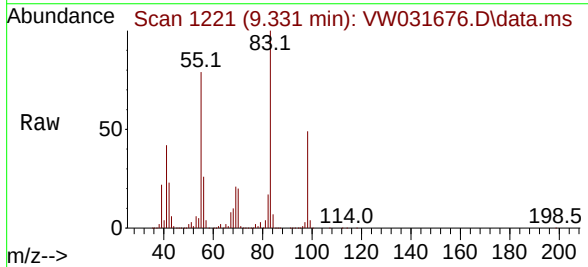
Tgt Ion: 83 Resp: 470664

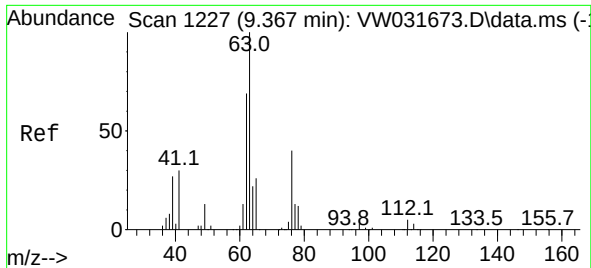
Ion Ratio Lower Upper

83 100

55 77.3 61.5 92.3

98 47.4 38.2 57.2





#37

1,2-Dichloropropane

Concen: 23.918 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Instrument :

MSVOA_W

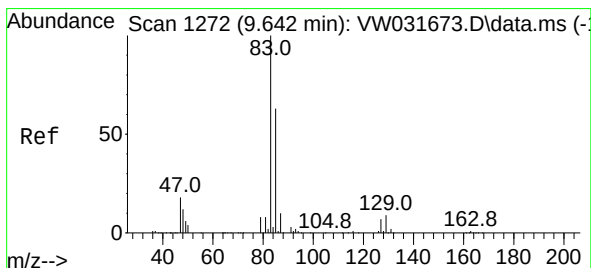
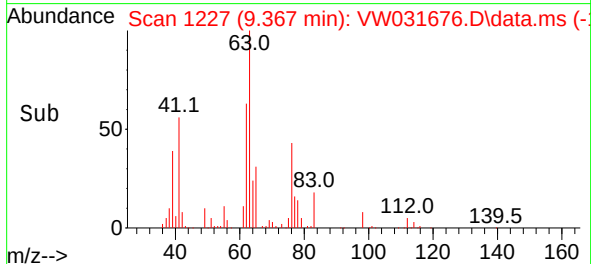
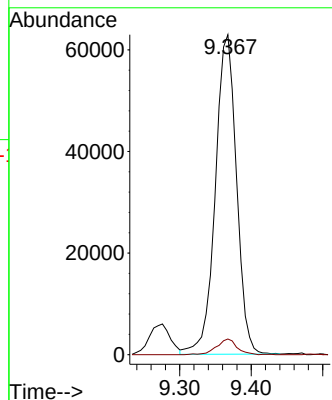
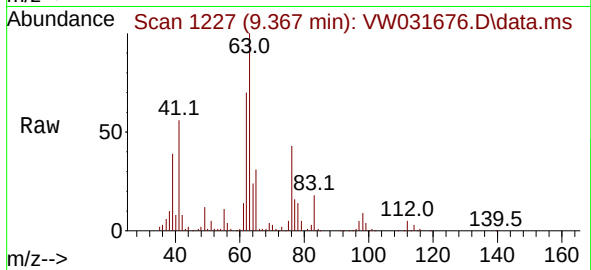
ClientSampleId :

Tgt Ion: 63 Resp: 129459

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 24.184 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

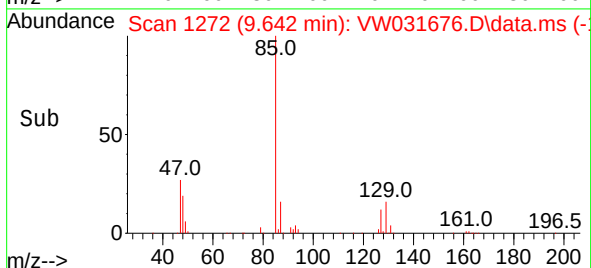
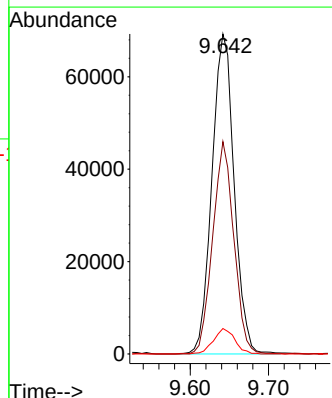
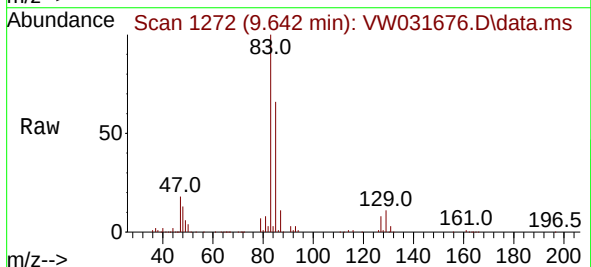
Tgt Ion: 83 Resp: 136311

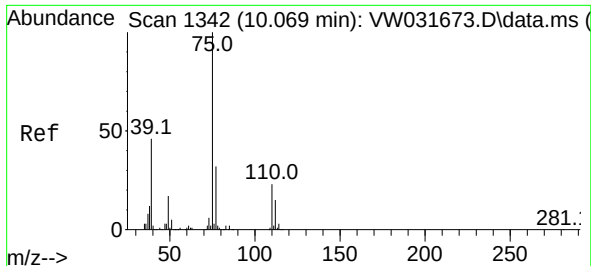
Ion Ratio Lower Upper

83 100

85 66.4 44.2 82.0

127 7.9 5.5 8.3





#39

cis-1,3-Dichloropropene

Concen: 23.789 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Instrument :

MSVOA_W

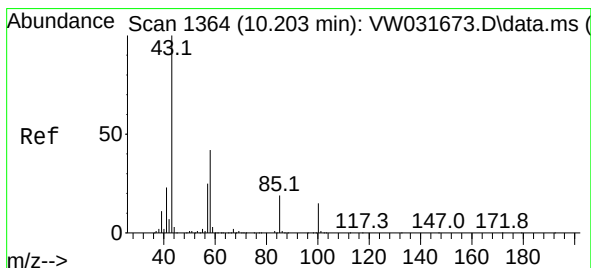
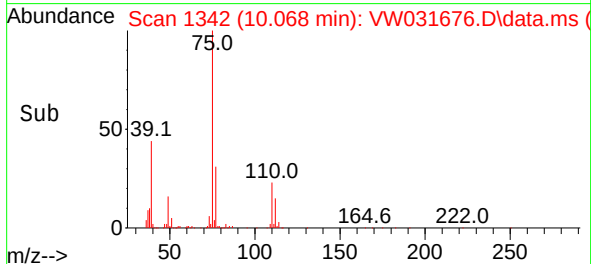
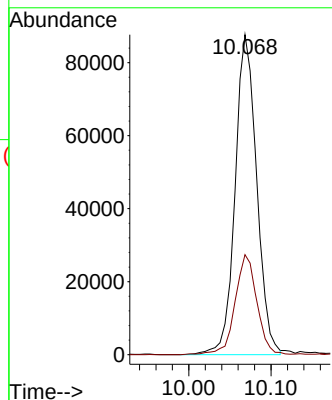
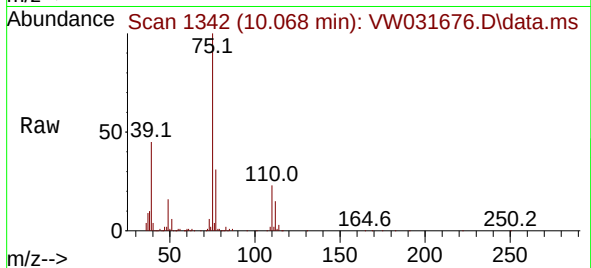
ClientSampleId :

Tgt Ion: 75 Resp: 159972

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 46.052 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

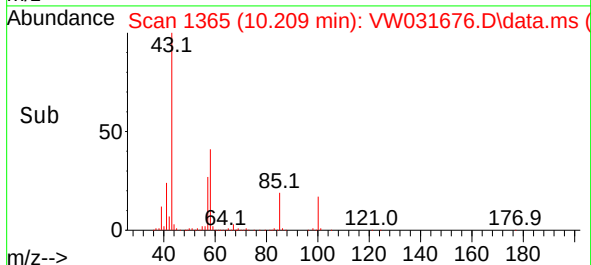
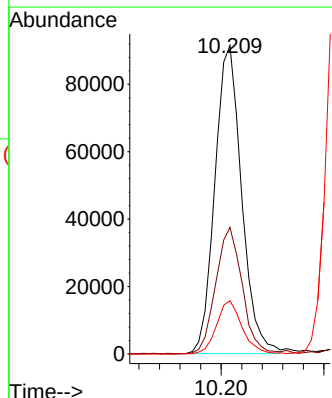
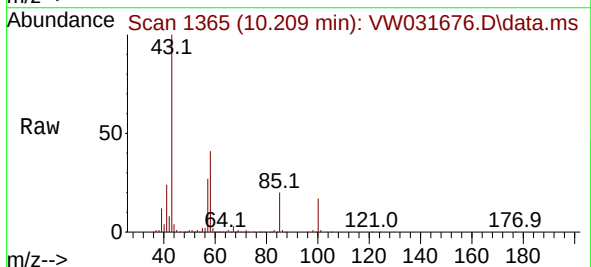
Tgt Ion: 43 Resp: 164904

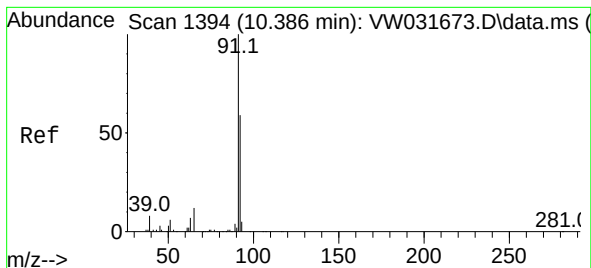
Ion Ratio Lower Upper

43 100

58 40.7 33.5 50.3

100 16.6 12.9 19.3





#42

Toluene

Concen: 25.200 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Instrument :

MSVOA_W

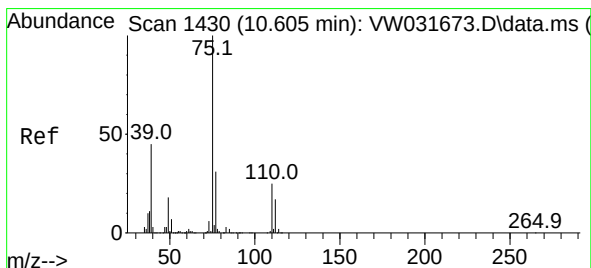
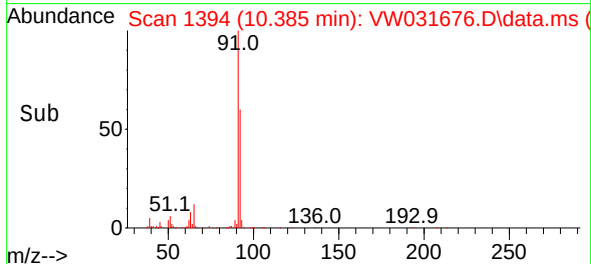
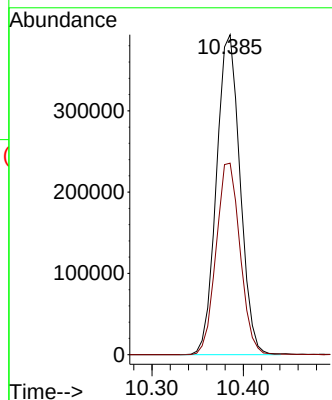
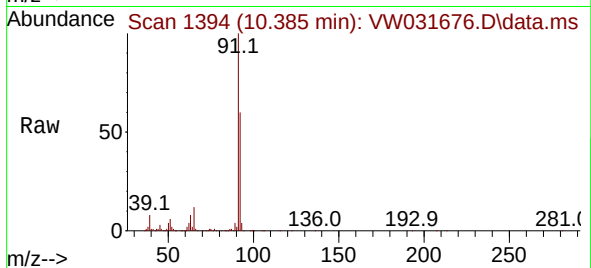
ClientSampleId :

Tgt Ion: 91 Resp: 706904

Ion Ratio Lower Upper

91 100

92 59.8 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 24.056 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031676.D

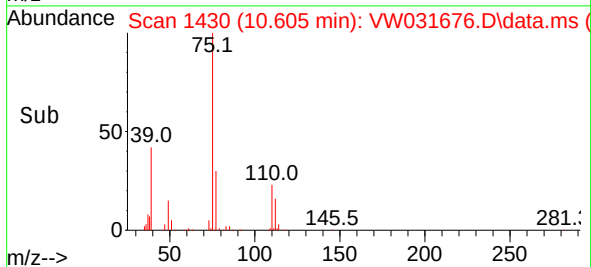
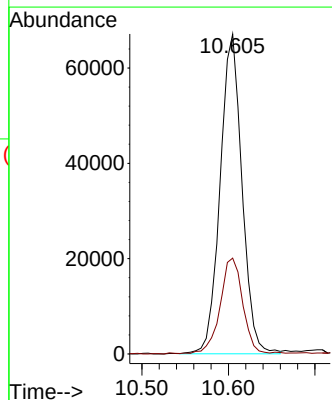
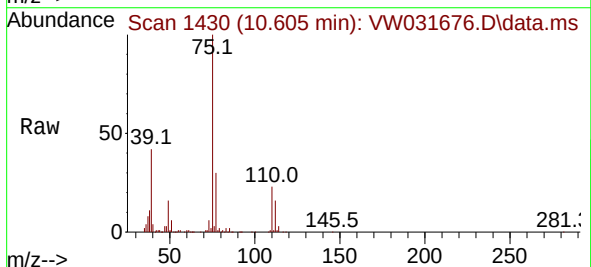
Acq: 31 Jan 2025 19:22

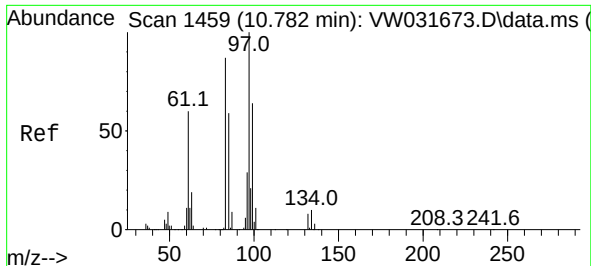
Tgt Ion: 75 Resp: 117687

Ion Ratio Lower Upper

75 100

77 29.9 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 22.624 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

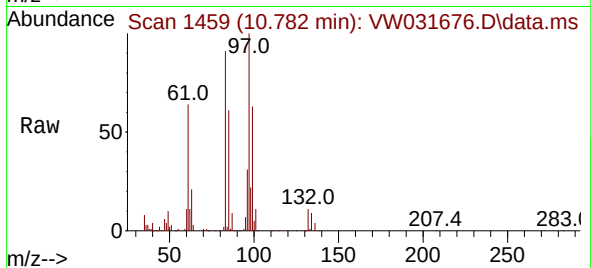
Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 73262

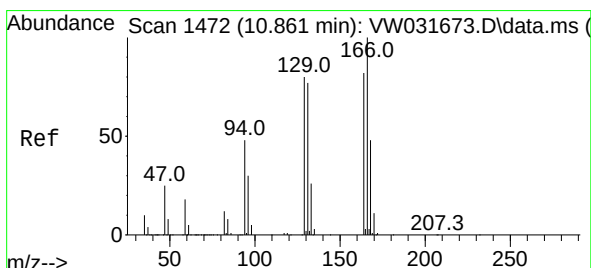
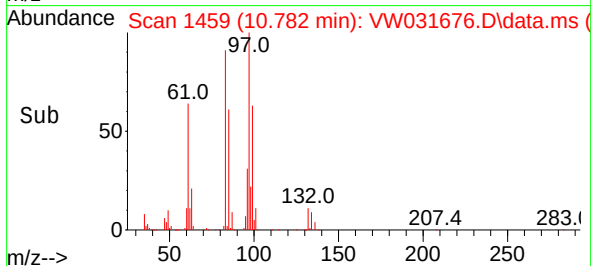
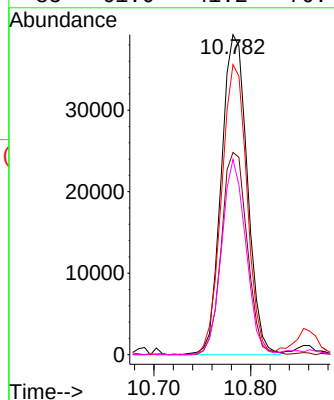
Ion Ratio Lower Upper

97 100

99 63.2 44.9 83.5

83 90.6 60.7 112.7

85 61.0 41.2 76.4



#46

Tetrachloroethene

Concen: 26.781 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Tgt Ion:164 Resp: 157877

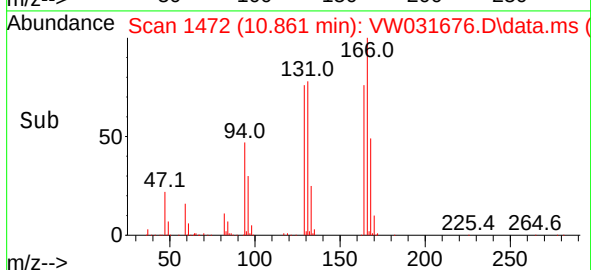
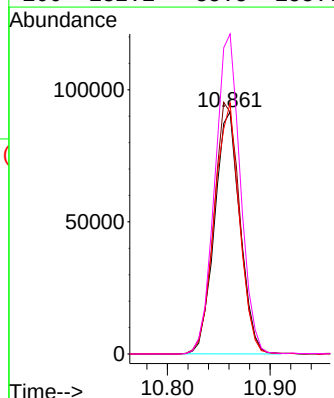
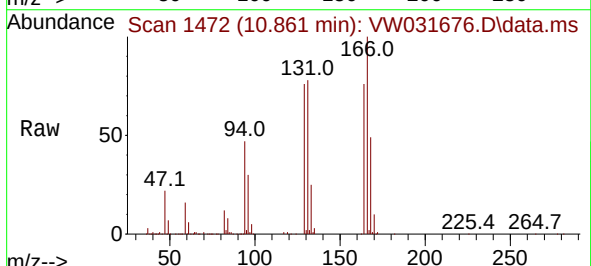
Ion Ratio Lower Upper

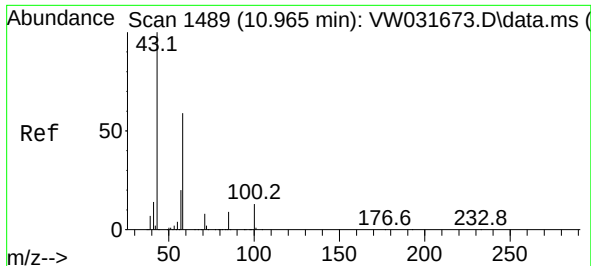
164 100

129 99.8 68.5 127.3

131 103.6 65.9 122.5

166 132.1 85.5 158.7

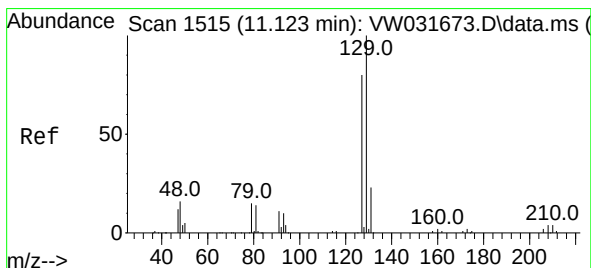
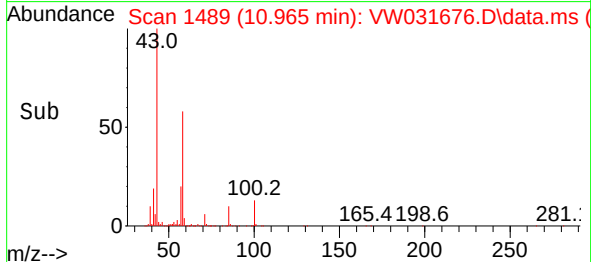
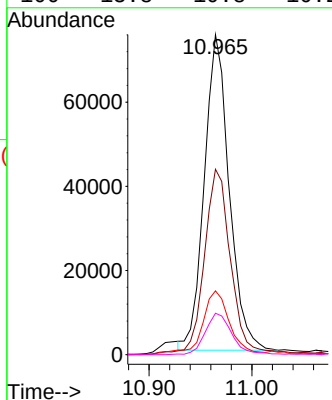
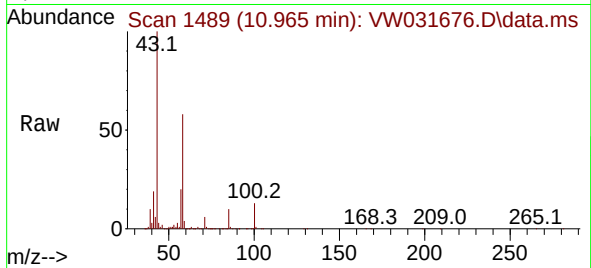




#48
2-Hexanone
Concen: 46.886 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031676.D
Acq: 31 Jan 2025 19:22

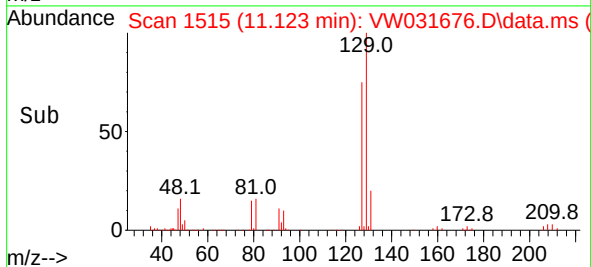
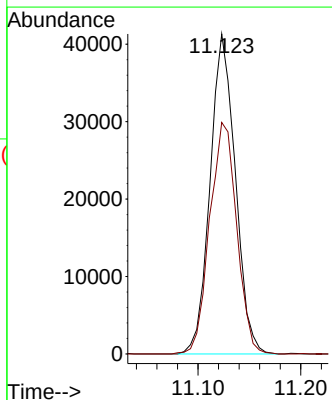
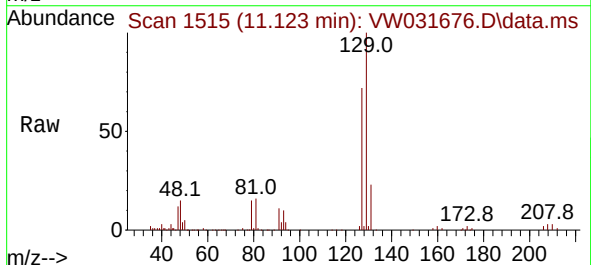
Instrument :
MSVOA_W
ClientSampleId :

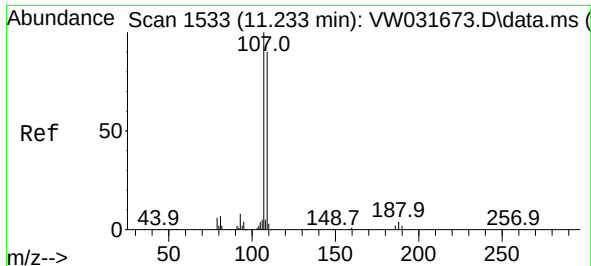
Tgt Ion: 43 Resp: 126133
Ion Ratio Lower Upper
43 100
58 62.7 46.0 69.0
57 22.4 16.4 24.6
100 13.8 10.8 16.2



#49
Dibromochloromethane
Concen: 23.521 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW031676.D
Acq: 31 Jan 2025 19:22

Tgt Ion:129 Resp: 70496
Ion Ratio Lower Upper
129 100
127 72.4 56.4 104.7





#50

1,2-Dibromoethane

Concen: 23.291 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Instrument :

MSVOA_W

ClientSampleId :

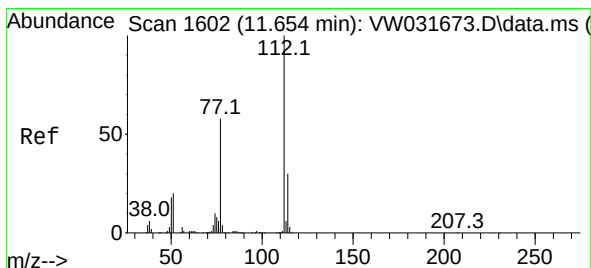
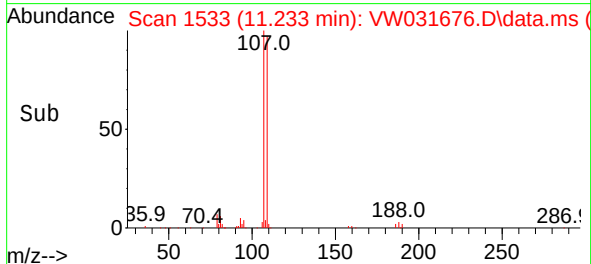
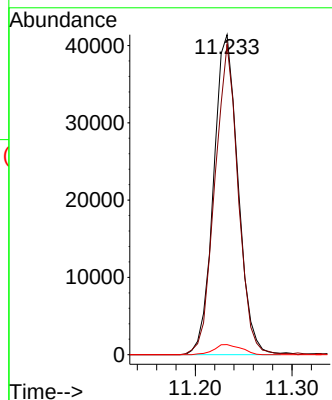
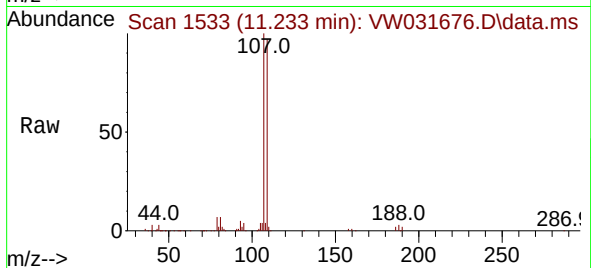
Tgt Ion:107 Resp: 72852

Ion Ratio Lower Upper

107 100

109 97.0 62.9 116.7

188 3.1 3.0 4.4



#51

Chlorobenzene

Concen: 24.106 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

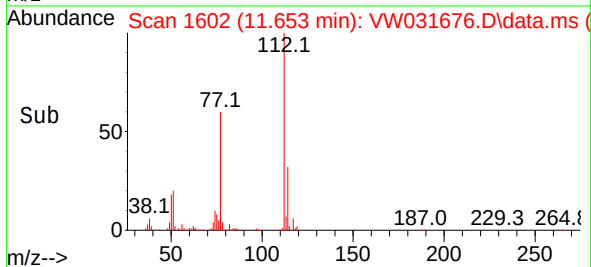
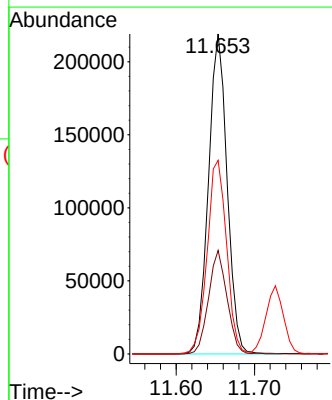
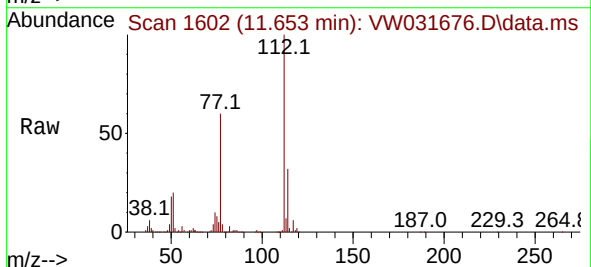
Tgt Ion:112 Resp: 362012

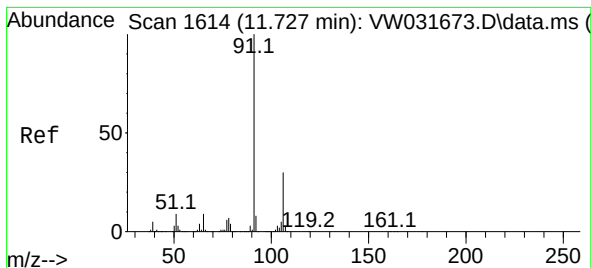
Ion Ratio Lower Upper

112 100

114 32.3 21.1 39.3

77 60.5 46.6 69.8





#52

Ethylbenzene

Concen: 26.495 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Instrument :

MSVOA_W

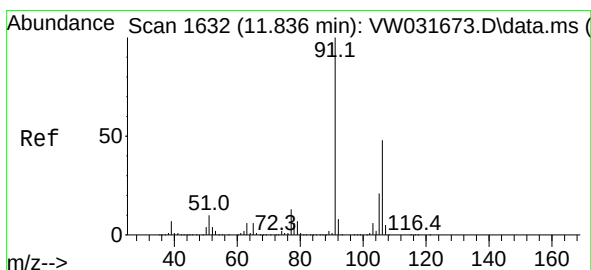
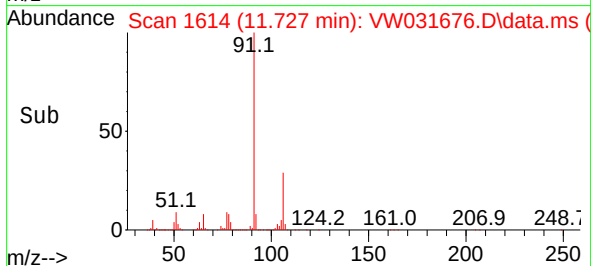
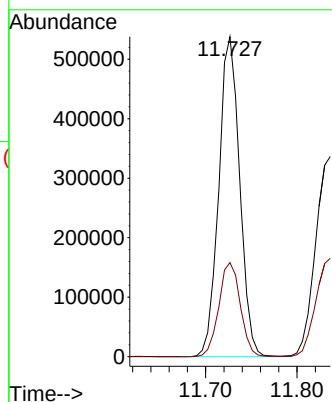
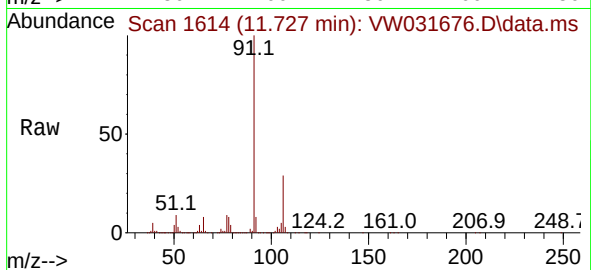
ClientSampleId :

Tgt Ion: 91 Resp: 857174

Ion Ratio Lower Upper

91 100

106 29.4 21.3 39.5



#53

m,p-Xylene

Concen: 26.772 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW031676.D

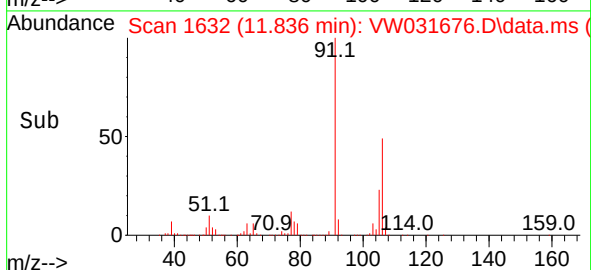
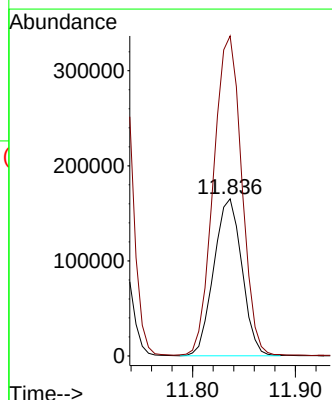
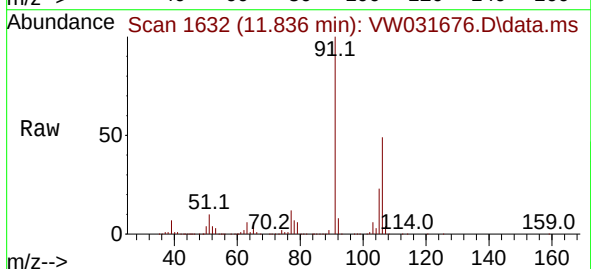
Acq: 31 Jan 2025 19:22

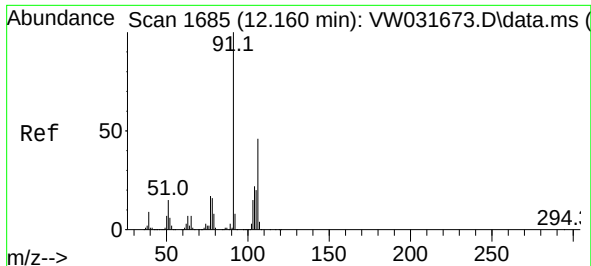
Tgt Ion:106 Resp: 313515

Ion Ratio Lower Upper

106 100

91 203.6 147.2 273.4





#54

o-Xylene

Concen: 25.394 ug/L

RT: 12.159 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Instrument :

MSVOA_W

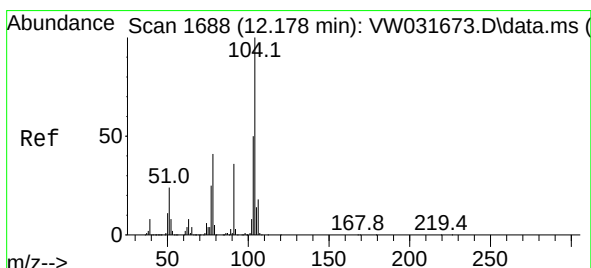
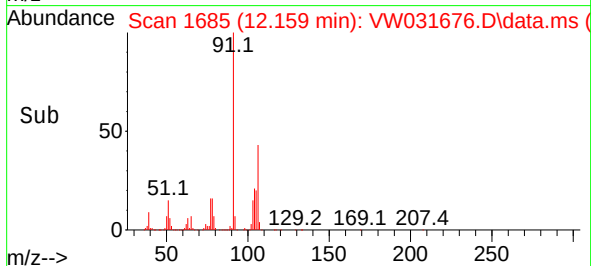
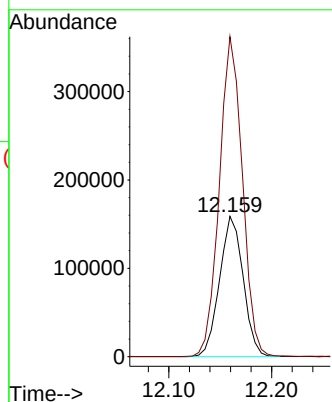
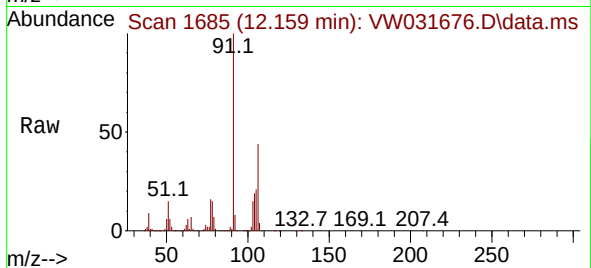
ClientSampleId :

Tgt Ion:106 Resp: 253352

Ion Ratio Lower Upper

106 100

91 228.1 152.7 283.7



#55

Styrene

Concen: 24.585 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW031676.D

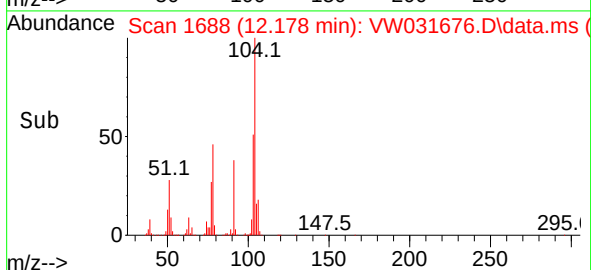
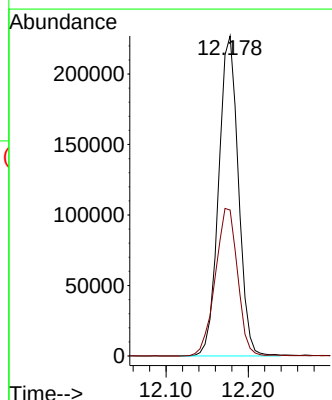
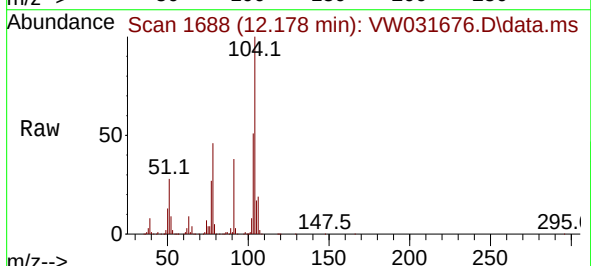
Acq: 31 Jan 2025 19:22

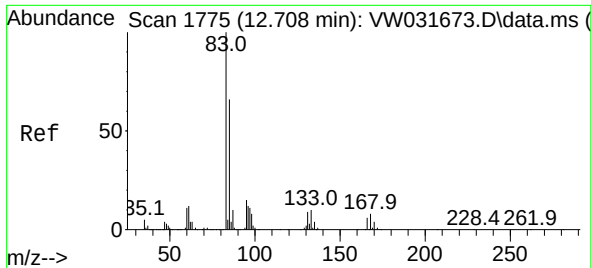
Tgt Ion:104 Resp: 378514

Ion Ratio Lower Upper

104 100

78 45.6 29.0 53.9

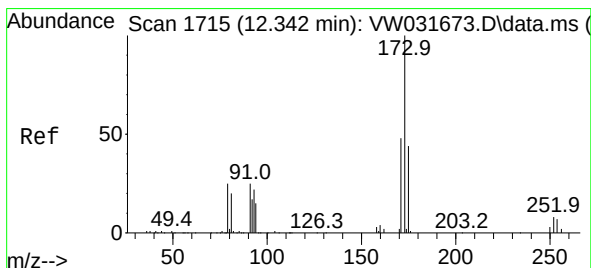
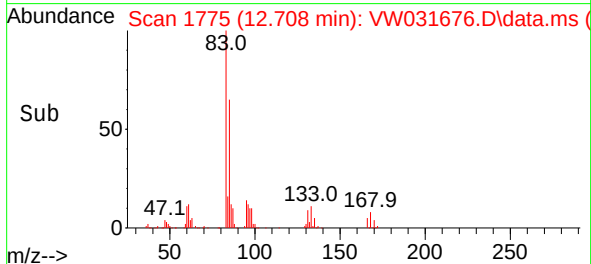
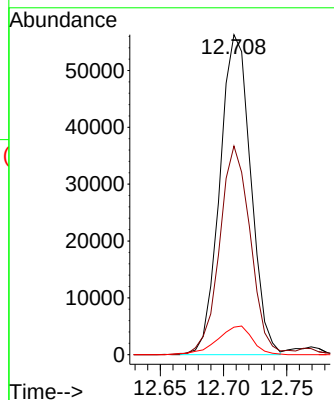
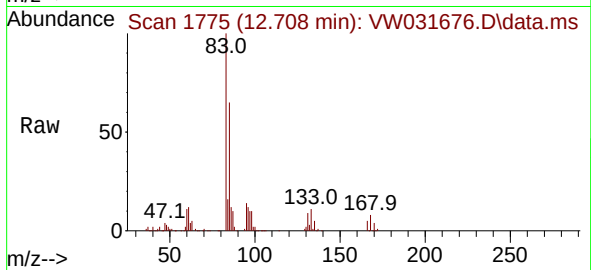




#57
1,1,2,2-Tetrachloroethane
Concen: 22.717 ug/L
RT: 12.708 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031676.D
Acq: 31 Jan 2025 19:22

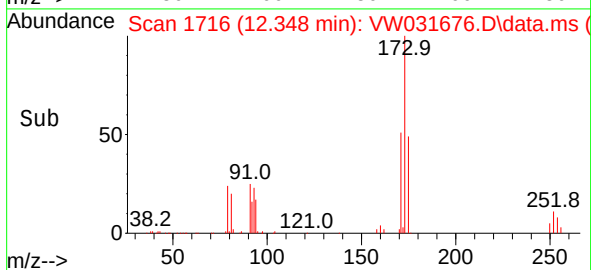
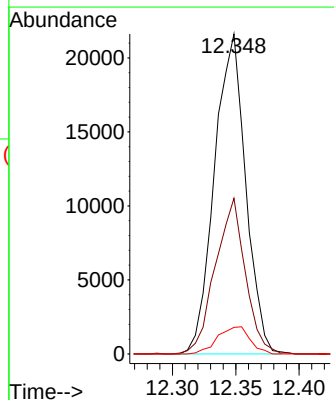
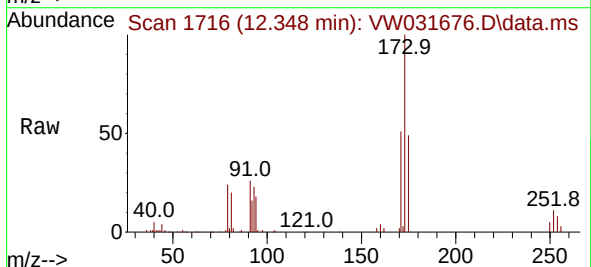
Instrument :
MSVOA_W
ClientSampleId :

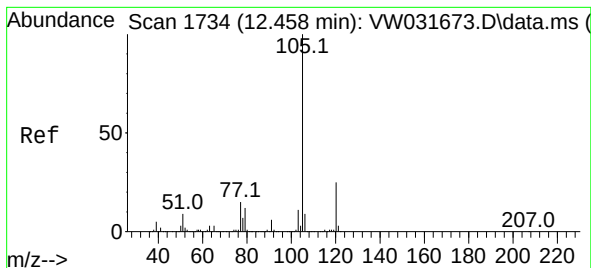
Tgt Ion: 83 Resp: 95561
Ion Ratio Lower Upper
83 100
85 65.2 46.3 86.1
131 8.6 7.1 10.7



#59
Bromoform
Concen: 23.902 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW031676.D
Acq: 31 Jan 2025 19:22

Tgt Ion:173 Resp: 37083
Ion Ratio Lower Upper
173 100
175 46.8 37.3 55.9
254 8.9 6.9 10.3





#60

Isopropylbenzene

Concen: 27.942 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Instrument :

MSVOA_W

ClientSampleId :

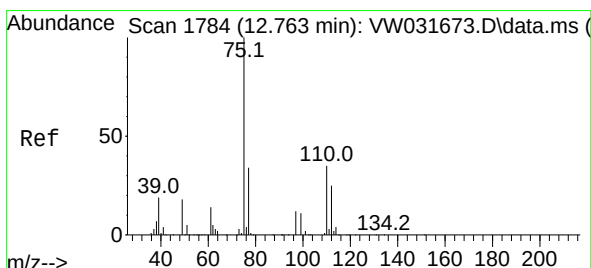
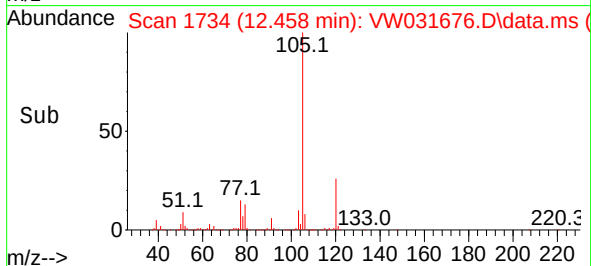
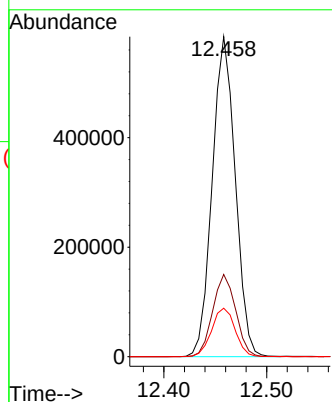
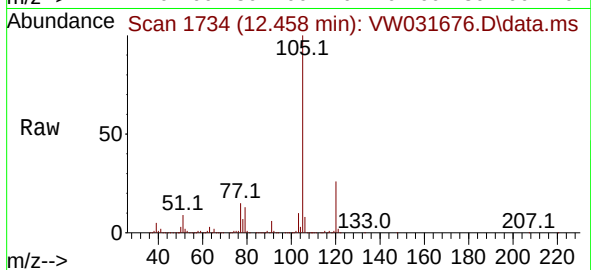
Tgt Ion:105 Resp: 909400

Ion Ratio Lower Upper

105 100

120 25.6 20.7 31.1

77 15.5 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 23.334 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

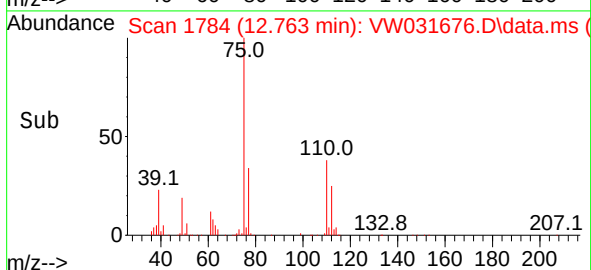
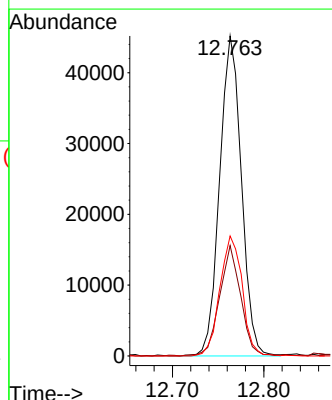
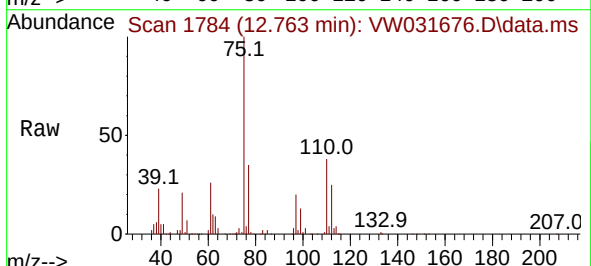
Tgt Ion: 75 Resp: 74998

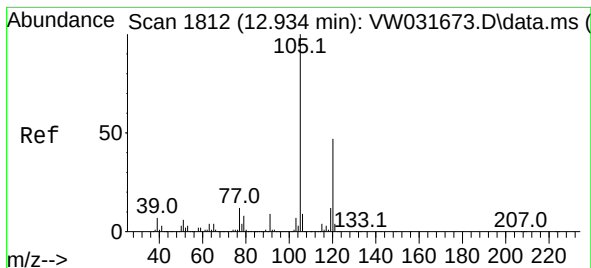
Ion Ratio Lower Upper

75 100

77 33.3 27.4 41.2

110 38.3 29.8 44.8

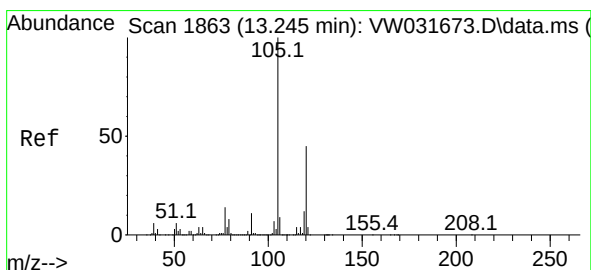
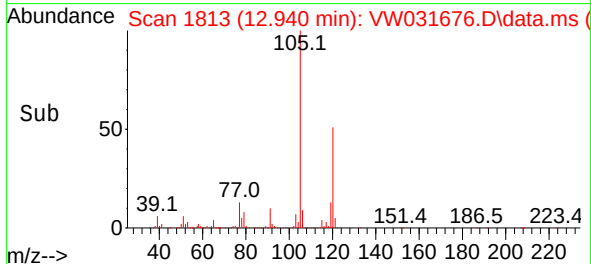
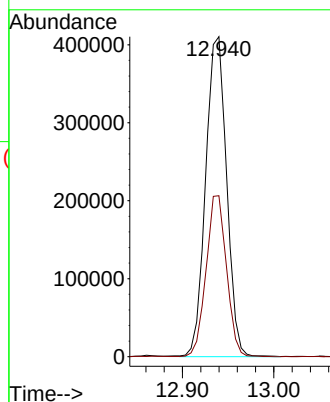
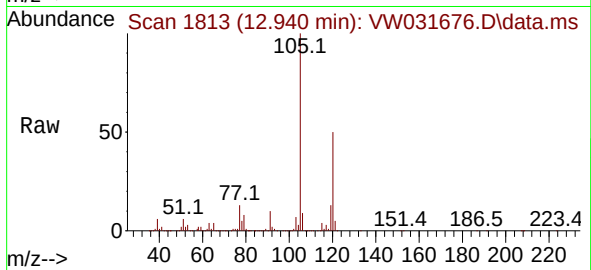




#62
1,3,5-Trimethylbenzene
Concen: 27.315 ug/L
RT: 12.940 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VW031676.D
Acq: 31 Jan 2025 19:22

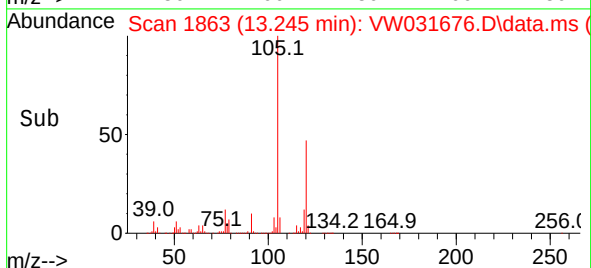
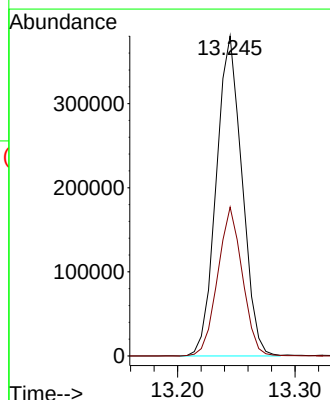
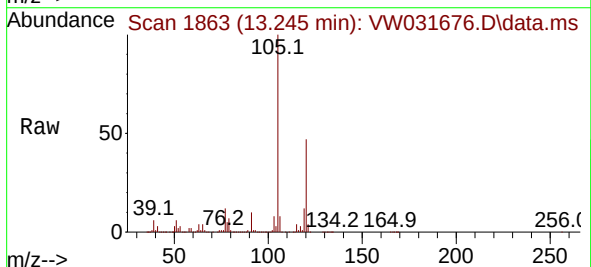
Instrument :
MSVOA_W
ClientSampleId :

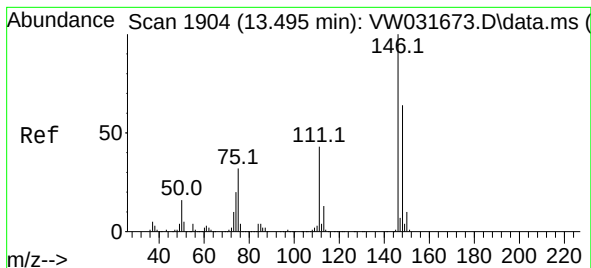
Tgt Ion:105 Resp: 653626
Ion Ratio Lower Upper
105 100
120 48.8 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 26.976 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031676.D
Acq: 31 Jan 2025 19:22

Tgt Ion:105 Resp: 579889
Ion Ratio Lower Upper
105 100
120 44.5 35.1 52.7





#64

1,3-Dichlorobenzene

Concen: 25.599 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Instrument :

MSVOA_W

ClientSampleId :

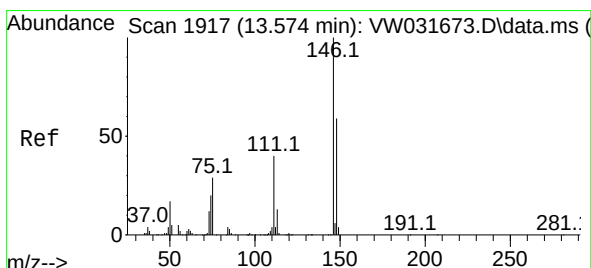
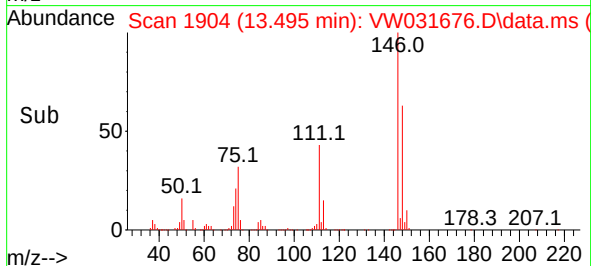
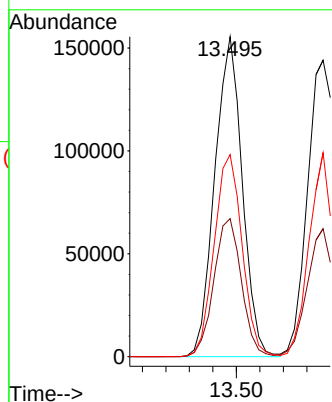
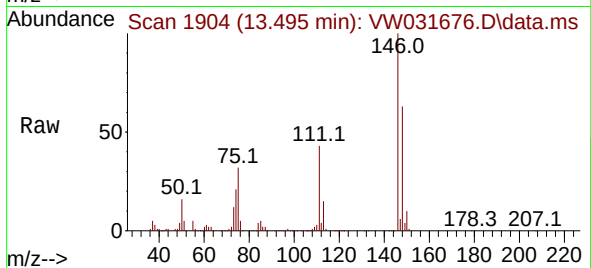
Tgt Ion:146 Resp: 253096

Ion Ratio Lower Upper

146 100

111 43.2 30.2 56.2

148 63.2 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 24.881 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

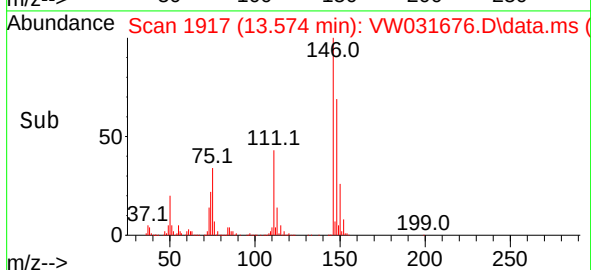
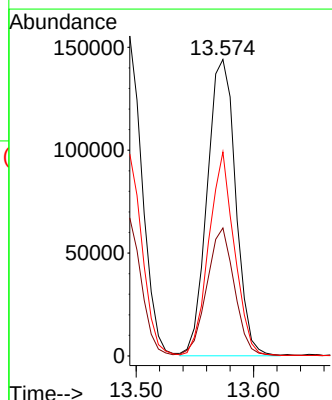
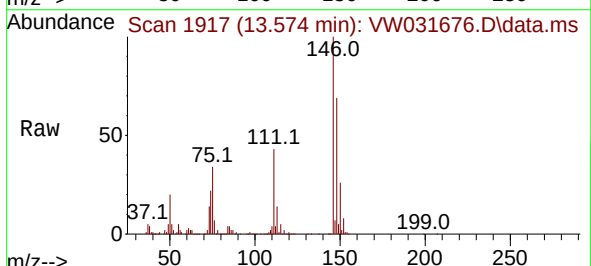
Tgt Ion:146 Resp: 242500

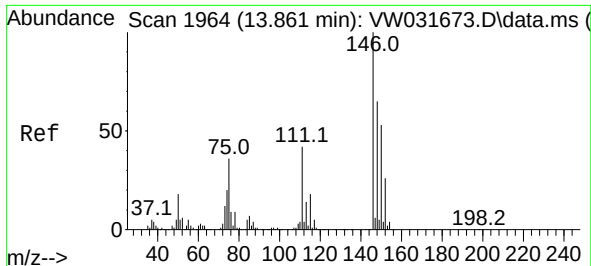
Ion Ratio Lower Upper

146 100

111 43.2 28.1 52.3

148 68.8 41.4 77.0

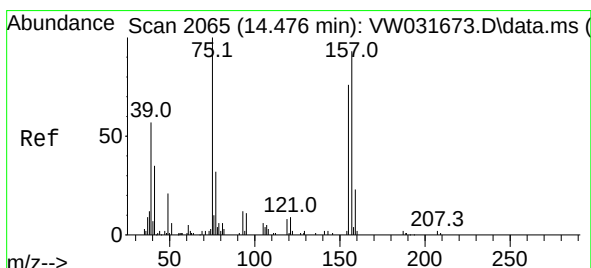
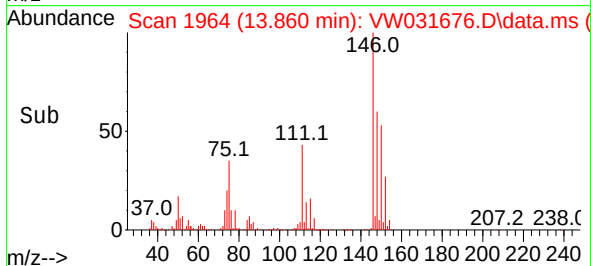
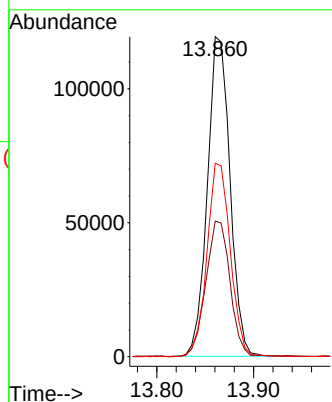
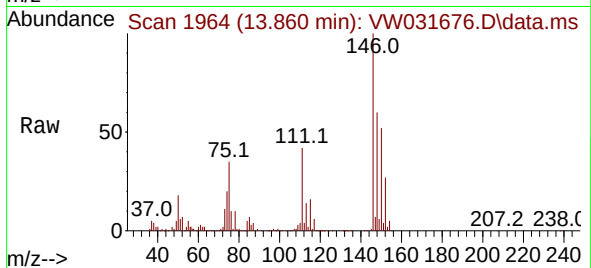




#67
1,2-Dichlorobenzene
Concen: 23.999 ug/L
RT: 13.860 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VW031676.D
Acq: 31 Jan 2025 19:22

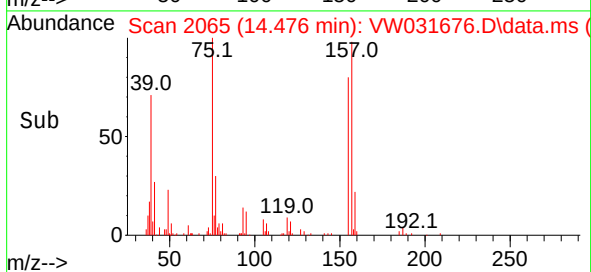
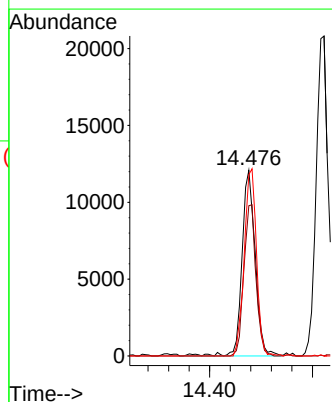
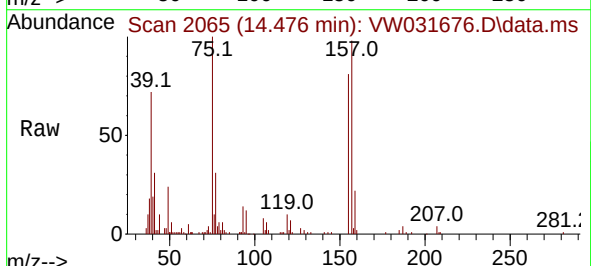
Instrument :
MSVOA_W
ClientSampleId :

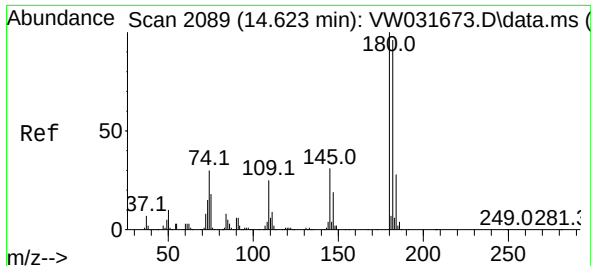
Tgt Ion:146 Resp: 194158
Ion Ratio Lower Upper
146 100
111 42.4 33.4 50.0
148 60.4 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 24.359 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031676.D
Acq: 31 Jan 2025 19:22

Tgt Ion: 75 Resp: 21566
Ion Ratio Lower Upper
75 100
155 80.9 60.6 91.0
157 97.6 74.1 111.1





#69

1,3,5-Trichlorobenzene

Concen: 25.429 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

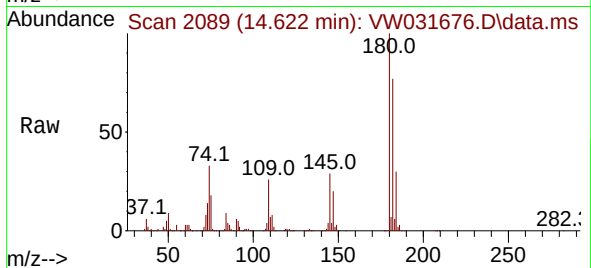
Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 175360

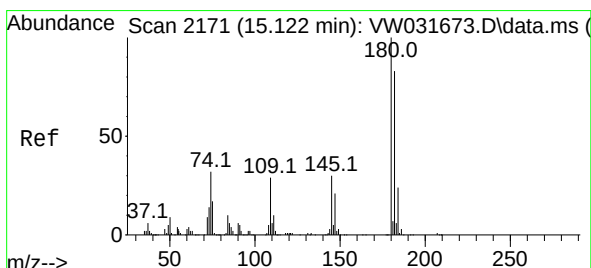
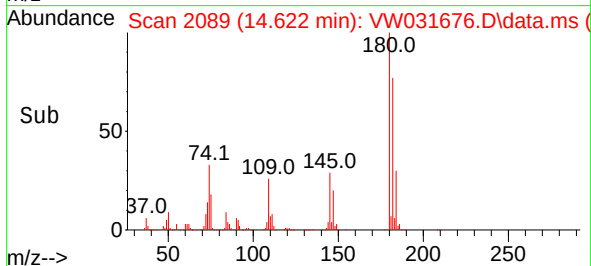
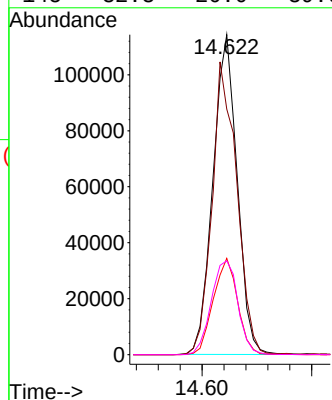
Ion Ratio Lower Upper

180 100

182 93.5 75.1 112.7

184 30.3 23.7 35.5

145 32.3 26.0 39.0



#70

1,2,4-trichlorobenzene

Concen: 24.147 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

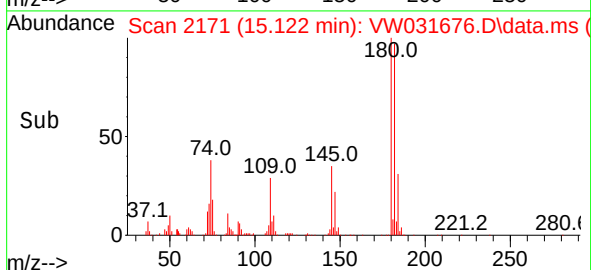
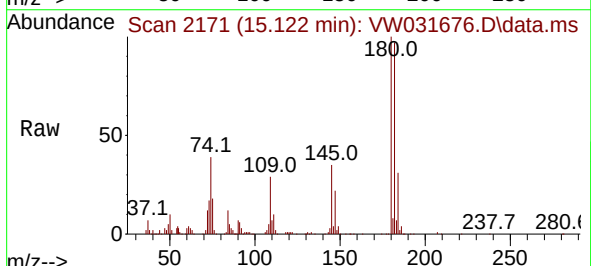
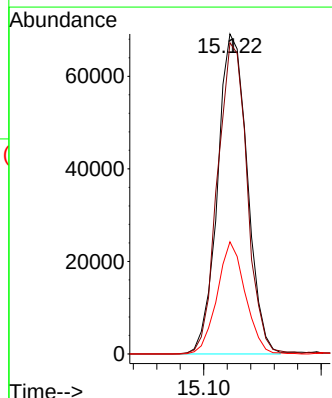
Tgt Ion:180 Resp: 121553

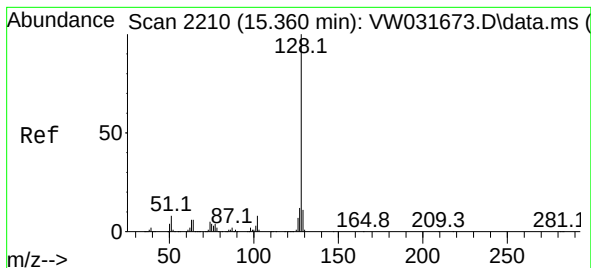
Ion Ratio Lower Upper

180 100

182 96.5 73.0 109.4

145 33.3 26.7 40.1





#71

Naphthalene

Concen: 24.373 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Instrument :

MSVOA_W

ClientSampleId :

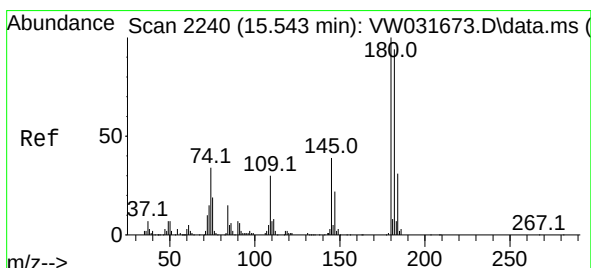
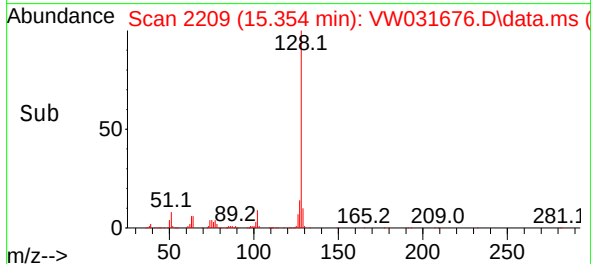
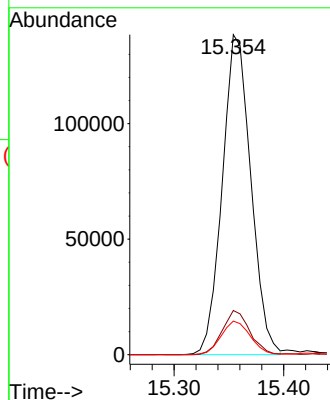
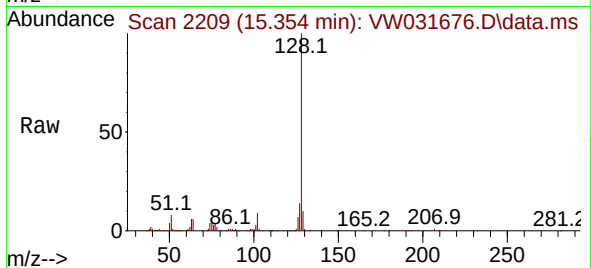
Tgt Ion:128 Resp: 250918

Ion Ratio Lower Upper

128 100

127 13.3 9.9 14.9

129 10.7 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 25.563 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW031676.D

Acq: 31 Jan 2025 19:22

Tgt Ion:180 Resp: 104880

Ion Ratio Lower Upper

180 100

182 90.8 78.2 117.4

145 33.8 30.2 45.4

