

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020425\
 Data File : VW031688.D
 Acq On : 04 Feb 2025 10:33
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 05 07:44:25 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	8.837	114	293029	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	214681	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	91263	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	112615	24.507	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.040%
7) Chloroethane-d5	2.893	69	75271	24.204	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	4.015	65	51760	22.722	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.880%
21) 2-Butanone-d5	7.087	46	85032	58.713	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.420%
24) Chloroform-d	7.642	84	158287	24.854	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	8.307	65	61777	25.138	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.560%
32) Benzene-d6	8.270	84	344018	23.294	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.160%
36) 1,2-Dichloropropane-d6	9.270	67	86237	23.949	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.800%
41) Toluene-d8	10.318	98	297762	22.451	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	10.575	79	26216	24.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.680%
47) 2-Hexanone-d5	10.922	63	37807	56.182	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	67495	26.458	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	72570	24.345	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.360%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	127517	30.774	ug/L	96
3) Chloromethane	2.210	50	88960	22.521	ug/L	89
5) Vinyl chloride	2.369	62	151668	27.876	ug/L	98
6) Bromomethane	2.789	94	63176	25.557	ug/L	99
8) Chloroethane	2.930	64	72789	27.468	ug/L	94
9) Trichlorofluoromethane	3.265	101	119951	28.170	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	146230	30.472	ug/L	95
12) 1,1-Dichloroethene	4.039	96	121877	26.351	ug/L	93
13) Acetone	4.149	43	63642	54.897	ug/L	66
14) Carbon disulfide	4.387	76	368264	26.125	ug/L	100
15) Methyl Acetate	4.679	43	51896	25.473	ug/L #	100
16) Methylene chloride	4.923	84	73594	23.933	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	115057	25.042	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	95565	24.221	ug/L #	89
19) 1,1-Dichloroethane	6.209	63	179510	25.285	ug/L	94
20) cis-1,2-Dichloroethene	7.173	96	96142	24.266	ug/L	96
22) 2-Butanone	7.179	43	83703	48.515	ug/L	96
23) Bromochloromethane	7.508	128	31061	24.192	ug/L #	91
25) Chloroform	7.673	83	158812	25.136	ug/L	91

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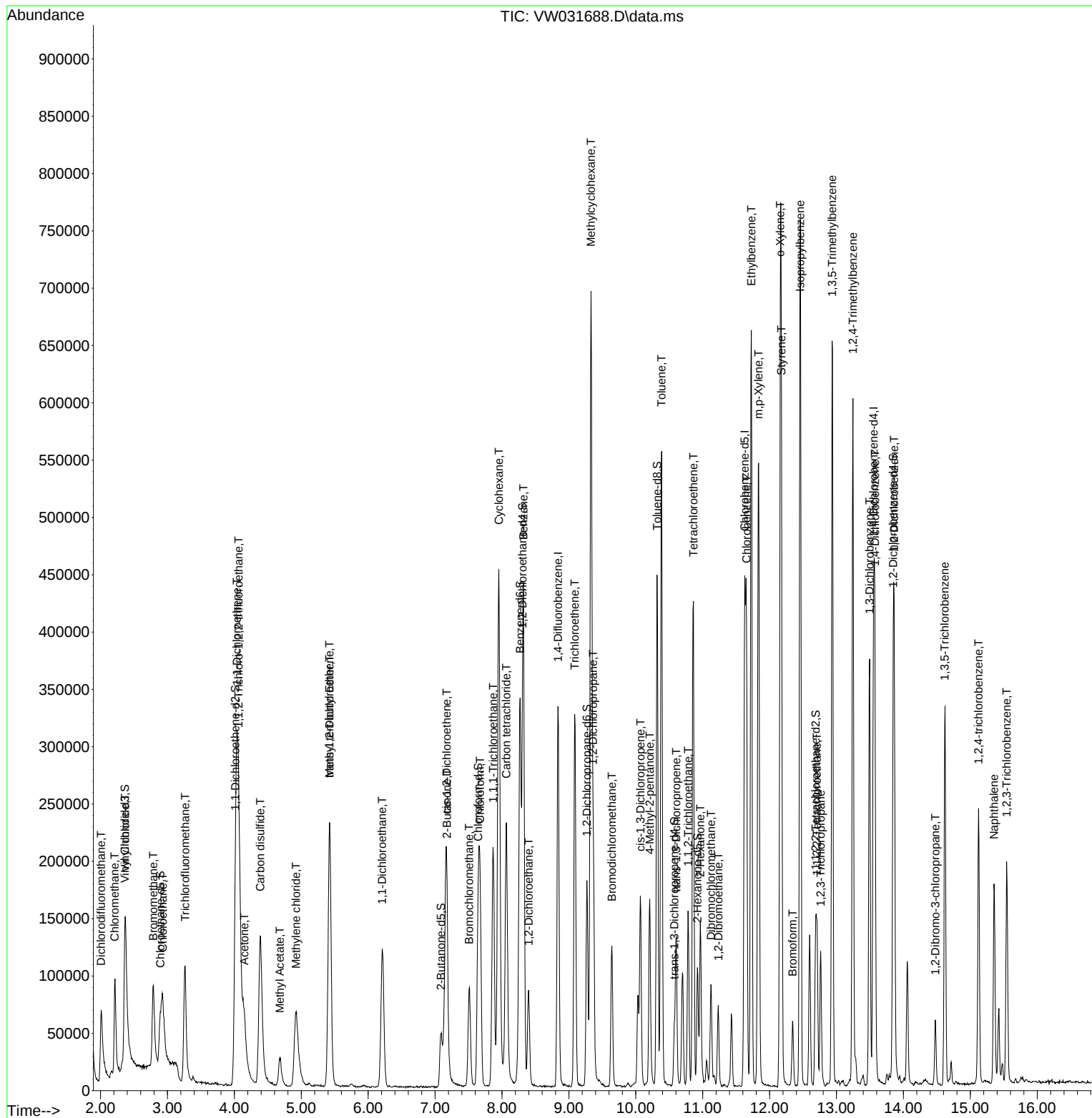
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	75150	24.594	ug/L	99
29) Cyclohexane	7.953	56	266617	27.006	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	176000	25.790	ug/L	99
31) Carbon tetrachloride	8.063	117	170132	26.525	ug/L	99
33) Benzene	8.319	78	404718	23.530	ug/L	100
34) Trichloroethene	9.087	95	120275	23.705	ug/L	95
35) Methylcyclohexane	9.331	83	283045	27.960	ug/L	98
37) 1,2-Dichloropropane	9.361	63	81759	23.606	ug/L	99
38) Bromodichloromethane	9.642	83	87014	24.125	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	102873	23.907	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	112577	49.132	ug/L	98
42) Toluene	10.386	91	417947	23.284	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	77148	24.644	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	49417	23.849	ug/L	96
46) Tetrachloroethene	10.861	164	94729	25.112	ug/L	91
48) 2-Hexanone	10.965	43	90334	52.475	ug/L	98
49) Dibromochloromethane	11.123	129	47611	24.825	ug/L	93
50) 1,2-Dibromoethane	11.233	107	47816	23.890	ug/L #	90
51) Chlorobenzene	11.654	112	225481	23.464	ug/L	95
52) Ethylbenzene	11.727	91	491754	23.754	ug/L	99
53) m,p-Xylene	11.836	106	179500	23.954	ug/L	98
54) o-Xylene	12.160	106	147945	23.173	ug/L	98
55) Styrene	12.178	104	226824	23.023	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.708	83	64983	24.141	ug/L	96
59) Bromoform	12.342	173	24407	24.288	ug/L	98
60) Isopropylbenzene	12.458	105	505583	23.984	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	50605	24.308	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	363019	23.422	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	328406	23.586	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	150588	23.515	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	151121	23.939	ug/L	92
67) 1,2-Dichlorobenzene	13.861	146	122496	23.376	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14947	26.065	ug/L	97
69) 1,3,5-Trichlorobenzene	14.616	180	101065	22.627	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	73422	22.519	ug/L	97
71) Naphthalene	15.354	128	150141	22.517	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	62972	23.697	ug/L	94

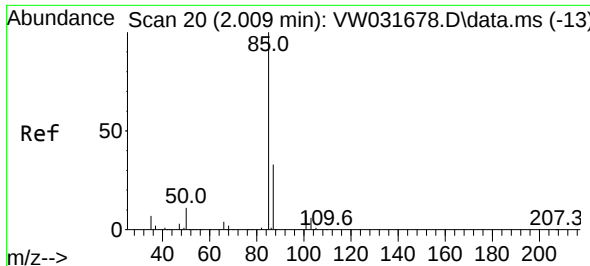
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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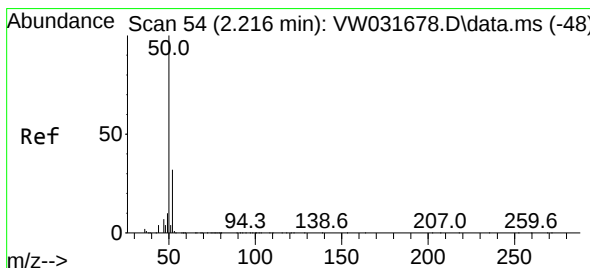
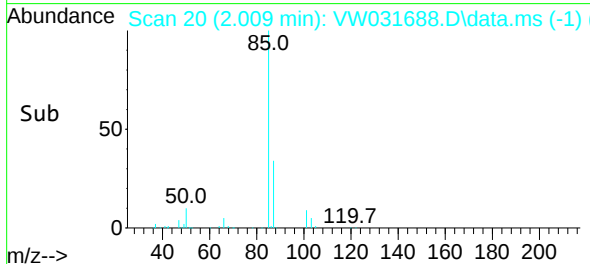
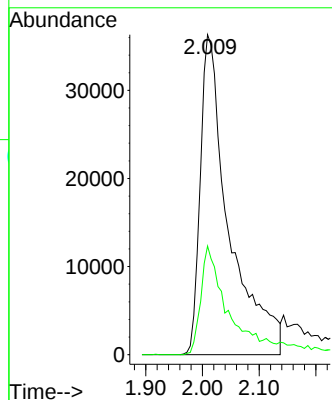
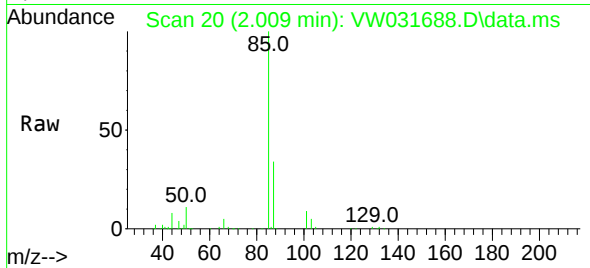




#2
Dichlorodifluoromethane
Concen: 30.774 ug/L
RT: 2.009 min Scan# 20
Delta R.T. 0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

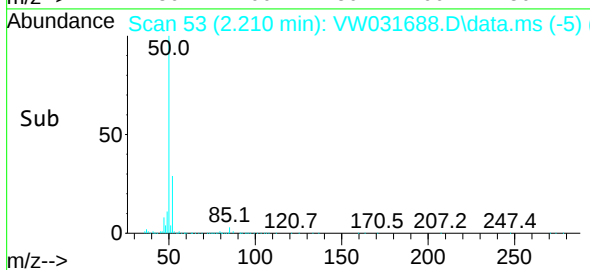
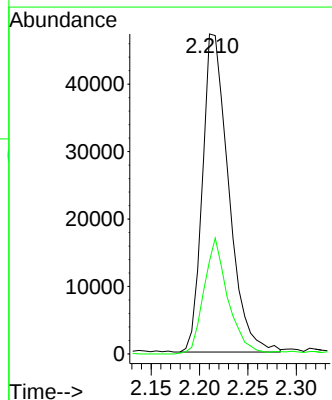
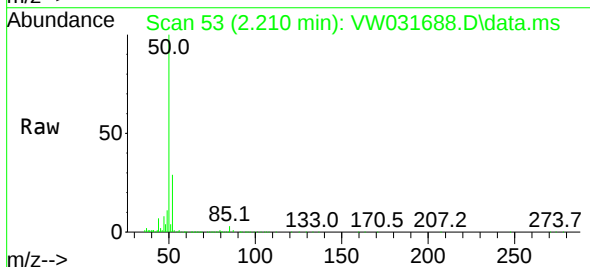
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MSVOA_W
ClientSampleId :

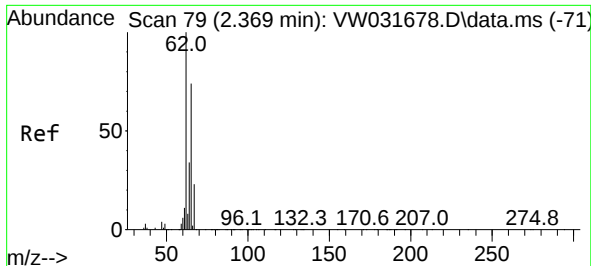
Tgt Ion: 85 Resp: 127517
Ion Ratio Lower Upper
85 100
87 26.7 19.6 29.4



#3
Chloromethane
Concen: 22.521 ug/L
RT: 2.210 min Scan# 53
Delta R.T. -0.006 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

Tgt Ion: 50 Resp: 88960
Ion Ratio Lower Upper
50 100
52 29.1 24.6 45.8

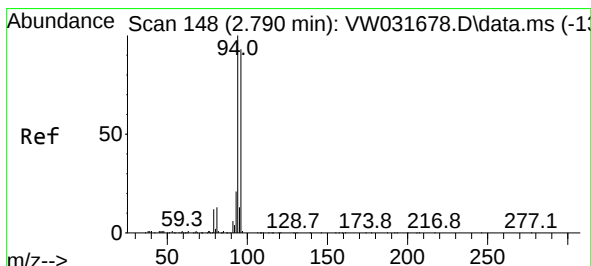
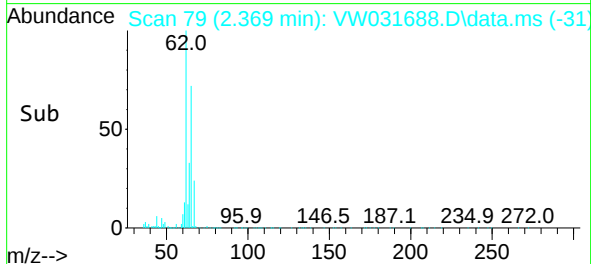
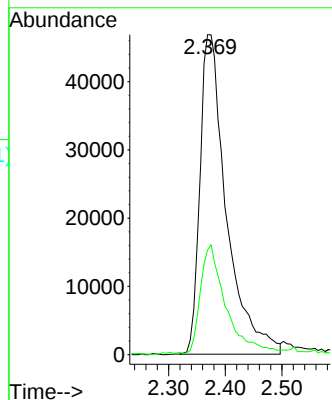
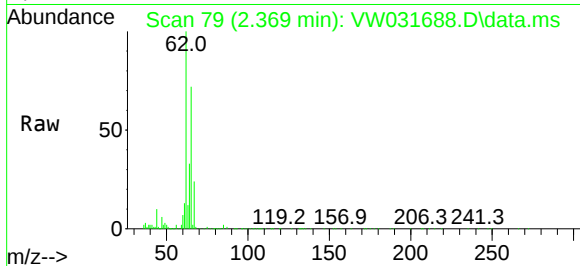




#5
 Vinyl chloride
 Concen: 27.876 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW031688.D
 Acq: 04 Feb 2025 10:33

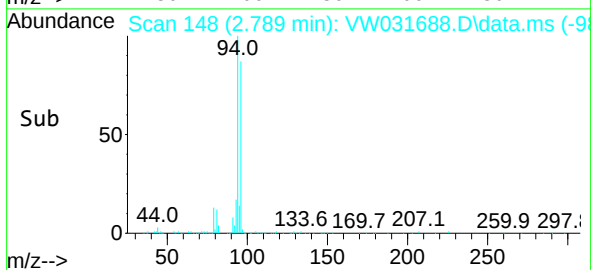
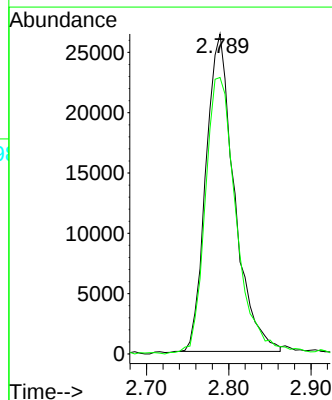
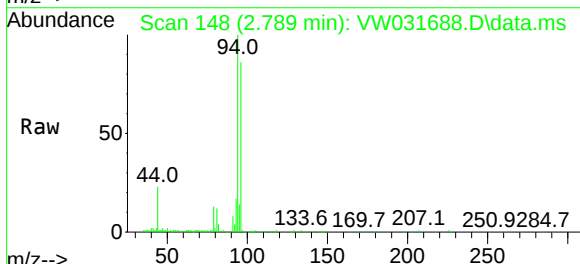
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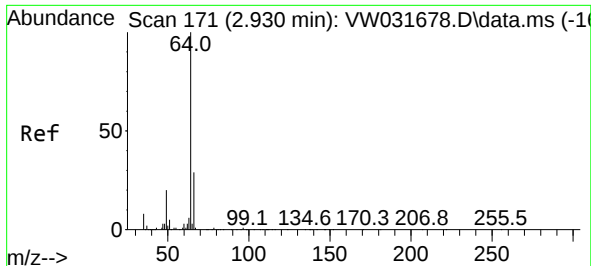
Tgt Ion: 62 Resp: 151668
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.8 44.2



#6
 Bromomethane
 Concen: 25.557 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW031688.D
 Acq: 04 Feb 2025 10:33

Tgt Ion: 94 Resp: 63176
 Ion Ratio Lower Upper
 94 100
 96 86.4 61.2 113.6

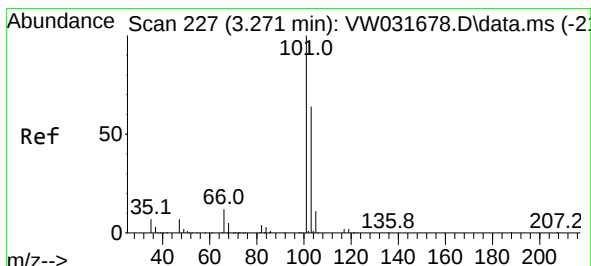
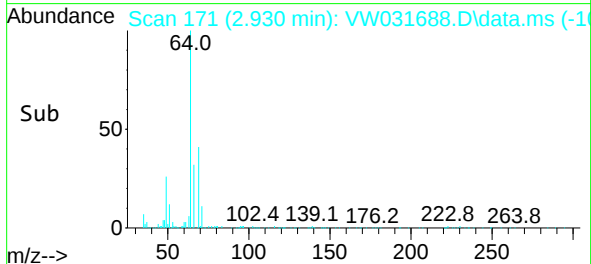
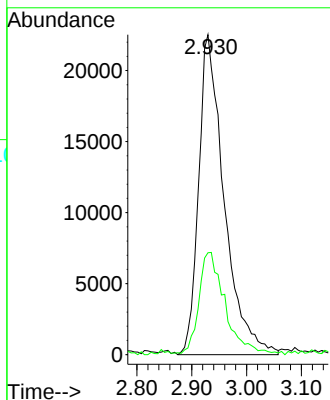
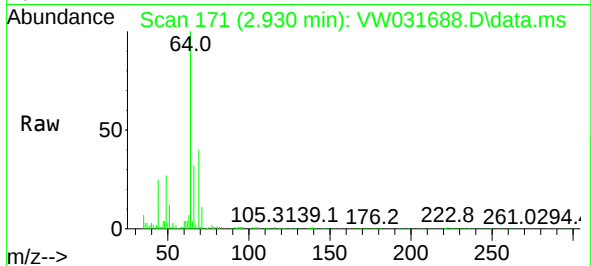




#8
Chloroethane
Concen: 27.468 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

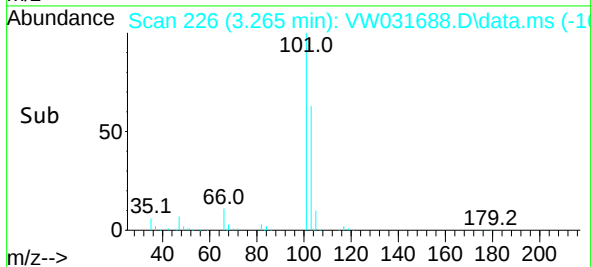
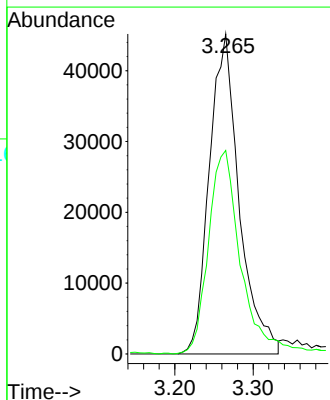
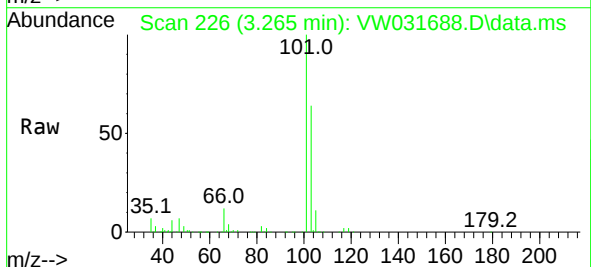
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MSVOA_W
ClientSampleId :

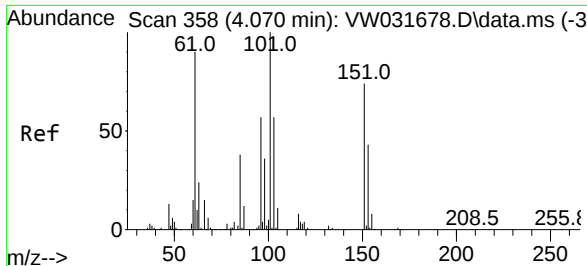
Tgt Ion: 64 Resp: 72789
Ion Ratio Lower Upper
64 100
66 31.9 24.7 45.9



#9
Trichlorofluoromethane
Concen: 28.170 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

Tgt Ion:101 Resp: 119951
Ion Ratio Lower Upper
101 100
103 68.6 51.3 76.9

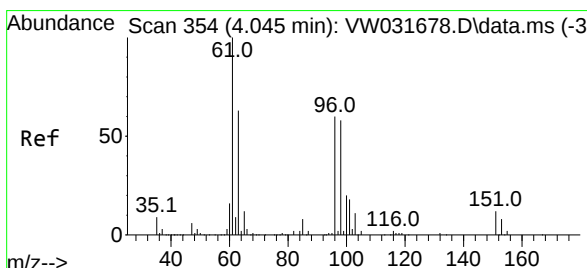
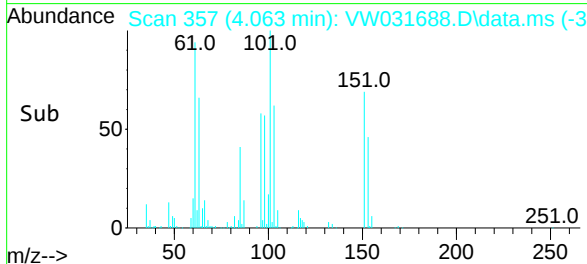
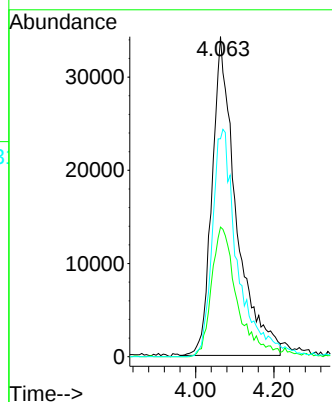
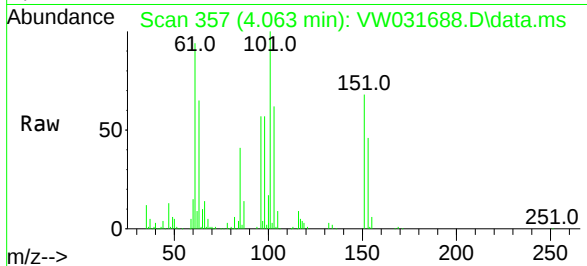




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 30.472 ug/L
 RT: 4.063 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW031688.D
 Acq: 04 Feb 2025 10:33

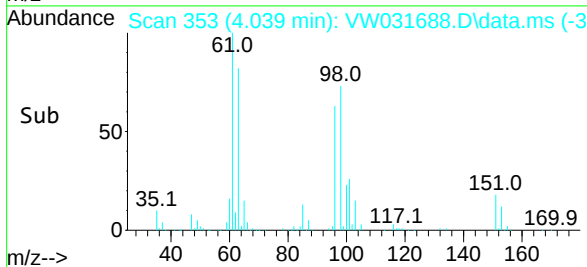
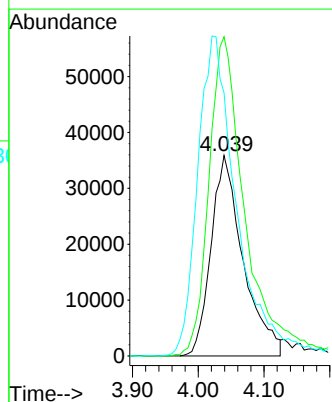
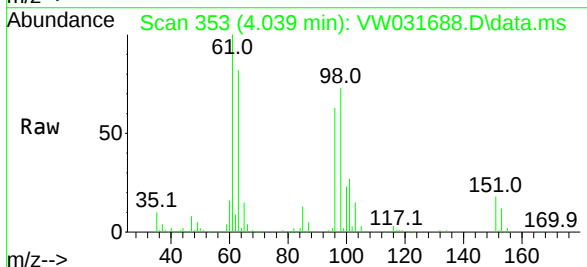
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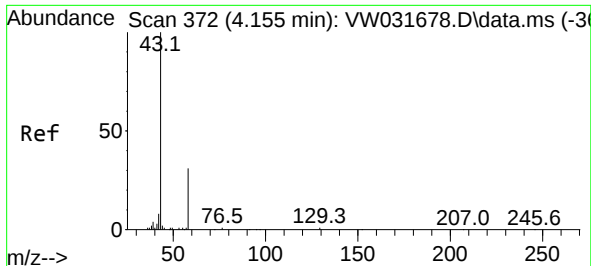
Tgt Ion:101 Resp: 146230
 Ion Ratio Lower Upper
 101 100
 85 37.5 36.3 54.5
 151 70.0 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 26.351 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW031688.D
 Acq: 04 Feb 2025 10:33

Tgt Ion: 96 Resp: 121877
 Ion Ratio Lower Upper
 96 100
 61 159.1 117.5 218.3
 63 131.2 86.5 160.7

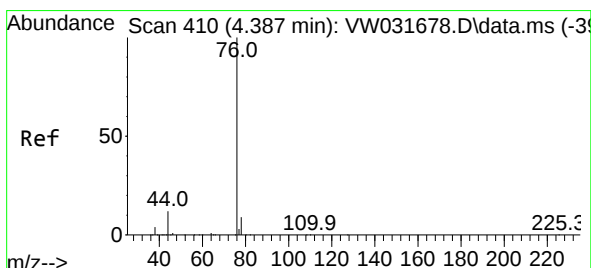
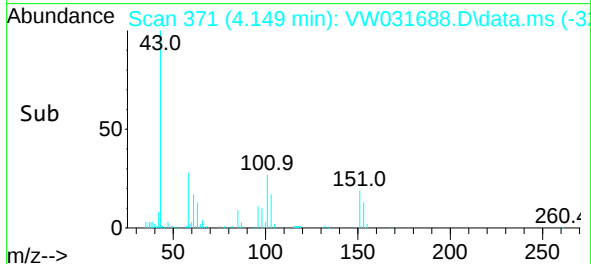
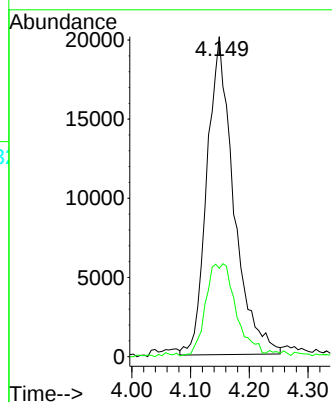
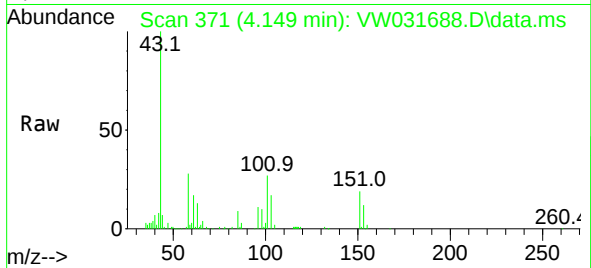




#13
Acetone
Concen: 54.897 ug/L
RT: 4.149 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

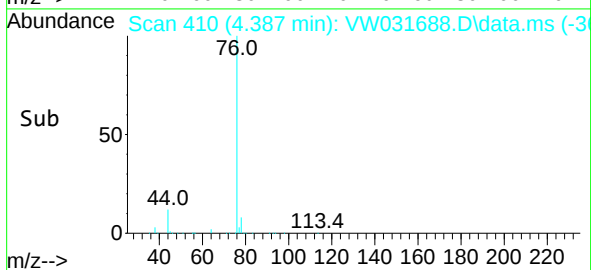
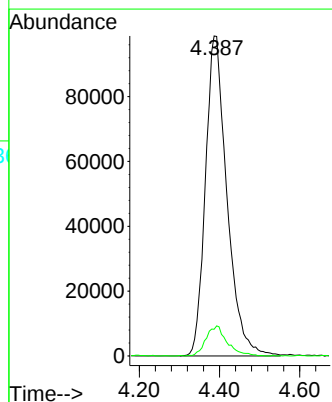
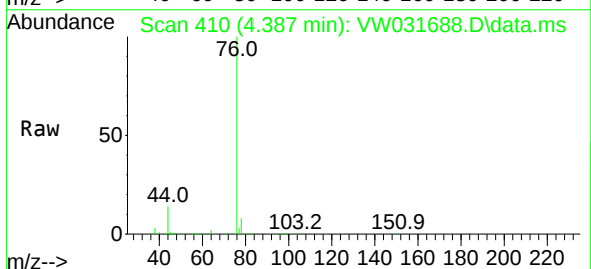
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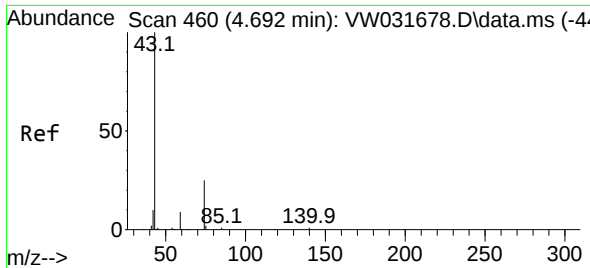
Tgt Ion: 43 Resp: 63642
Ion Ratio Lower Upper
43 100
58 15.4 0.0 70.2



#14
Carbon disulfide
Concen: 26.125 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW031688.D
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Tgt Ion: 76 Resp: 368264
Ion Ratio Lower Upper
76 100
78 8.3 6.6 9.8

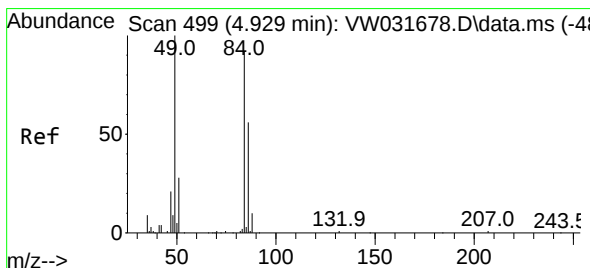
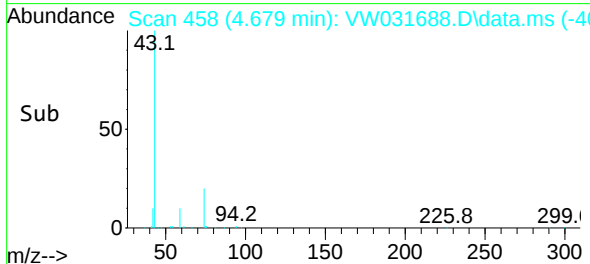
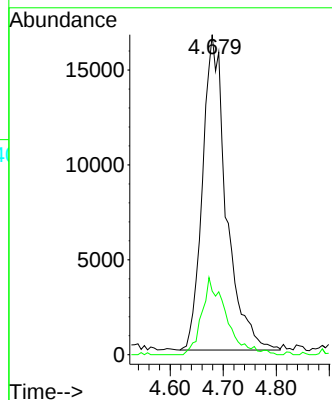
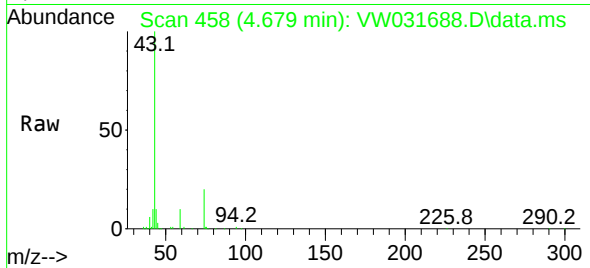




#15
Methyl Acetate
Concen: 25.473 ug/L
RT: 4.679 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

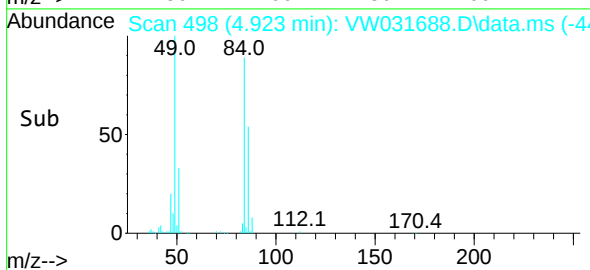
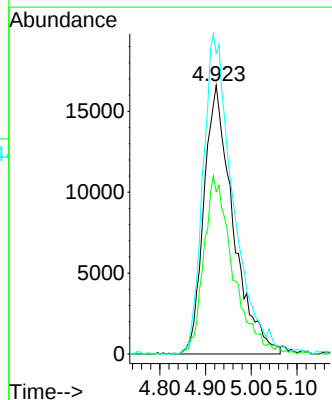
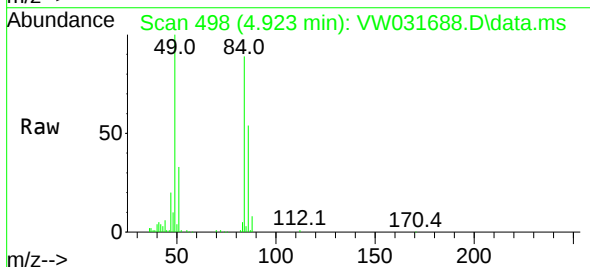
Instrument :
MSVOA_W
ClientSampleId :

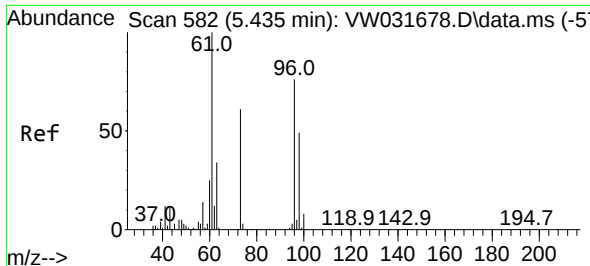
Tgt Ion: 43 Resp: 51896
Ion Ratio Lower Upper
43 100
74 13.6 0.0 0.0#



#16
Methylene chloride
Concen: 23.933 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

Tgt Ion: 84 Resp: 73594
Ion Ratio Lower Upper
84 100
86 60.5 40.9 76.0
49 112.0 78.9 146.5

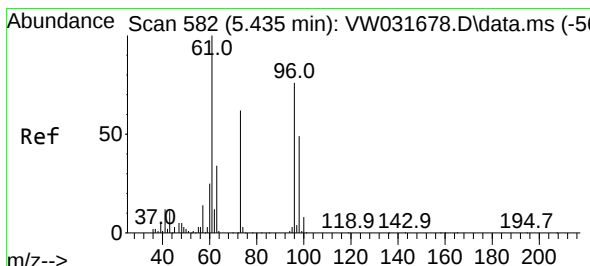
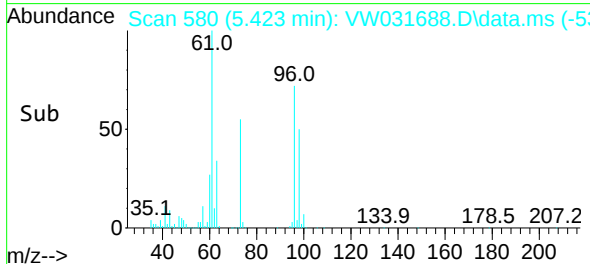
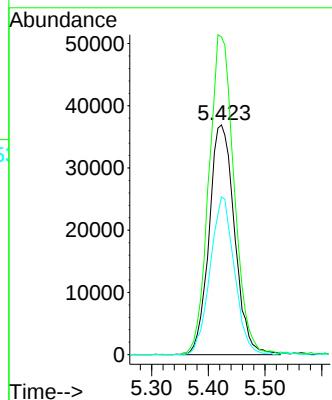
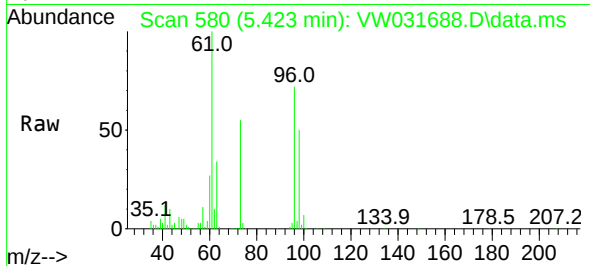




#17
trans-1,2-Dichloroethene
Concen: 25.042 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

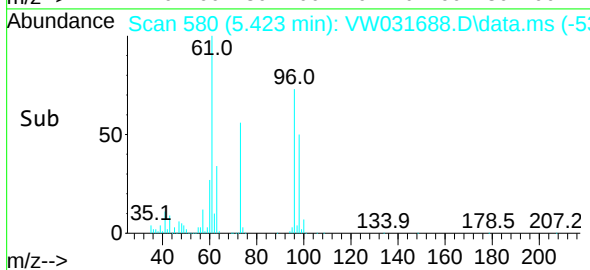
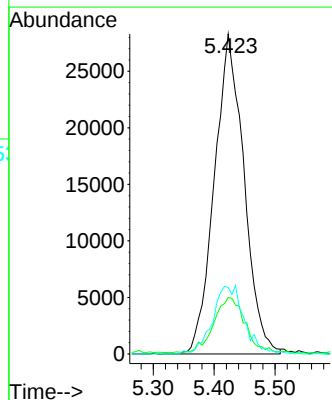
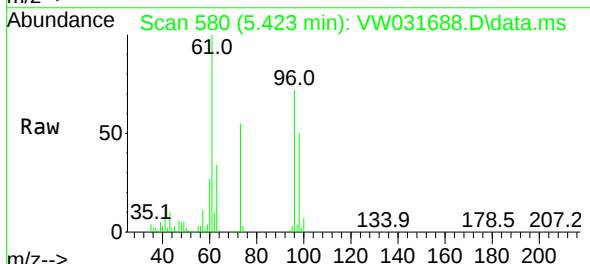
Instrument :
MSVOA_W
ClientSampleId :

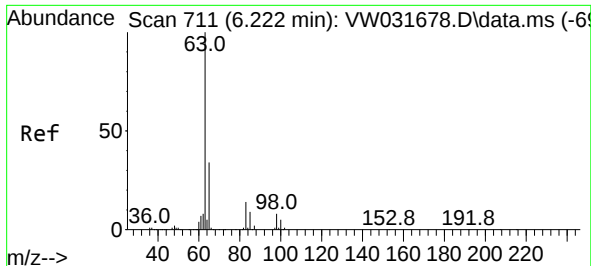
Tgt Ion: 96 Resp: 115057
Ion Ratio Lower Upper
96 100
61 138.2 90.3 167.7
98 68.7 43.0 80.0



#18
Methyl tert-butyl Ether
Concen: 24.221 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

Tgt Ion: 73 Resp: 95565
Ion Ratio Lower Upper
73 100
43 18.7 15.4 23.2
57 13.3 18.2 27.2#





#19

1,1-Dichloroethane

Concen: 25.285 ug/L

RT: 6.209 min Scan# 711

Delta R.T. -0.012 min

Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

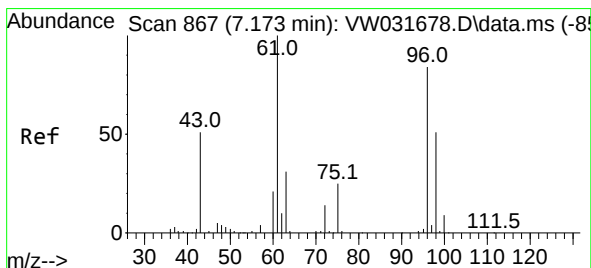
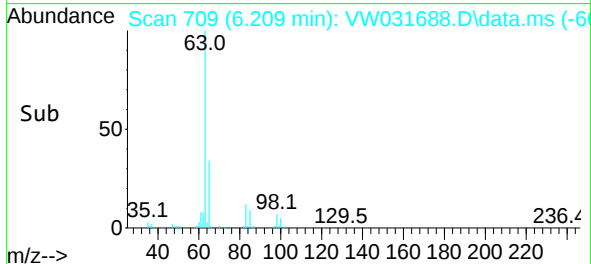
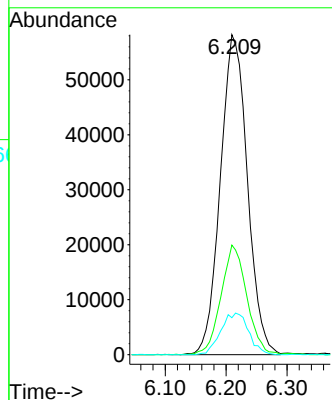
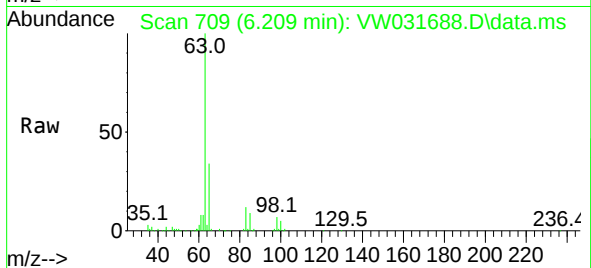
Tgt Ion: 63 Resp: 179510

Ion Ratio Lower Upper

63 100

65 34.2 21.6 40.2

83 11.6 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 24.266 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

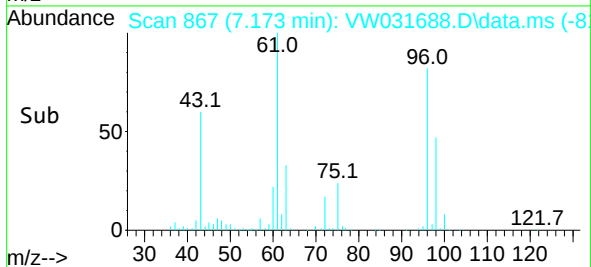
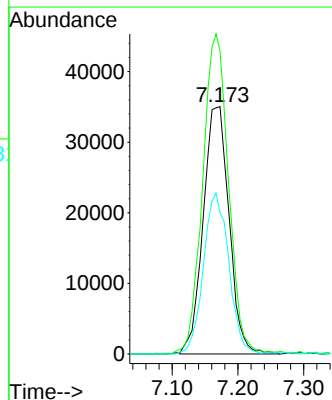
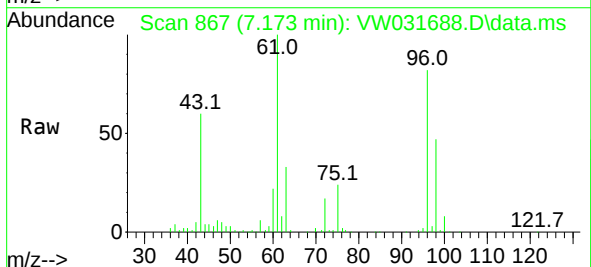
Tgt Ion: 96 Resp: 96142

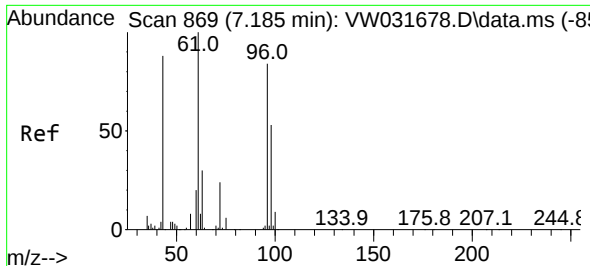
Ion Ratio Lower Upper

96 100

61 122.3 87.4 162.4

98 57.0 44.4 82.4

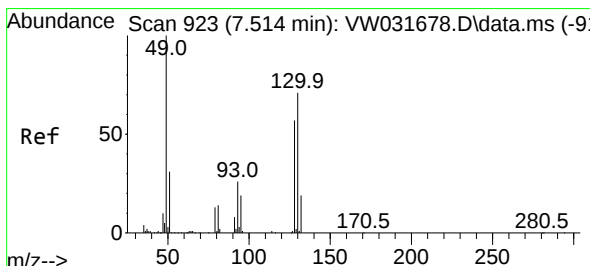
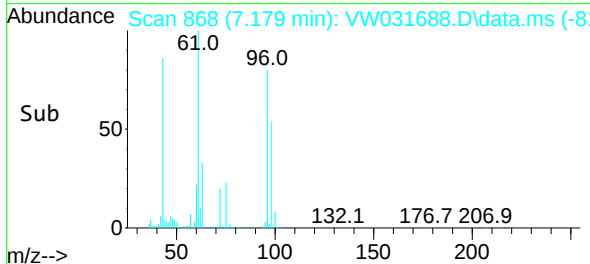
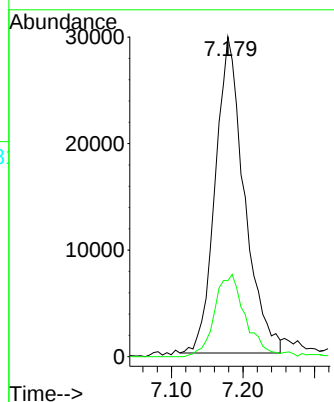
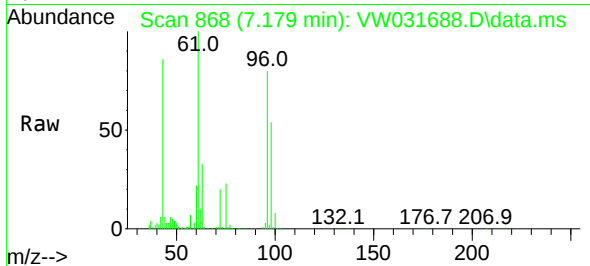




#22
2-Butanone
Concen: 48.515 ug/L
RT: 7.179 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

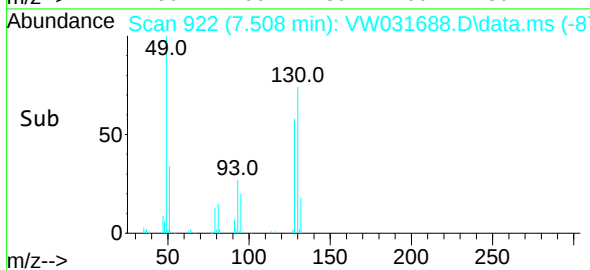
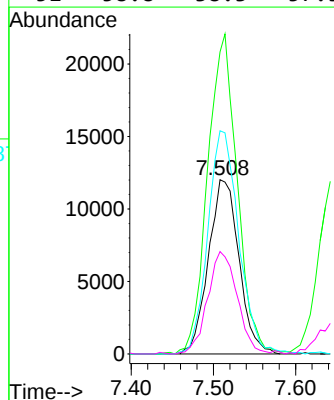
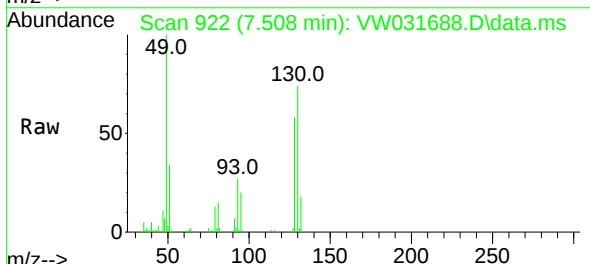
Instrument :
MSVOA_W
ClientSampleId :

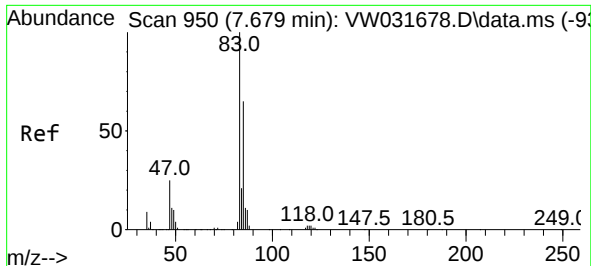
Tgt Ion: 43 Resp: 83703
Ion Ratio Lower Upper
43 100
72 25.4 13.8 41.4



#23
Bromochloromethane
Concen: 24.192 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

Tgt Ion: 128 Resp: 31061
Ion Ratio Lower Upper
128 100
49 173.3 112.2 208.4
130 128.1 85.9 159.5
51 58.8 38.3 57.5#





#25

Chloroform

Concen: 25.136 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

Instrument :

MSVOA_W

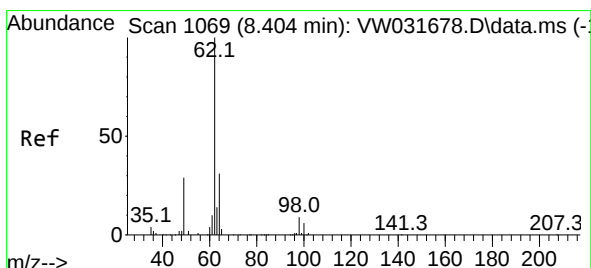
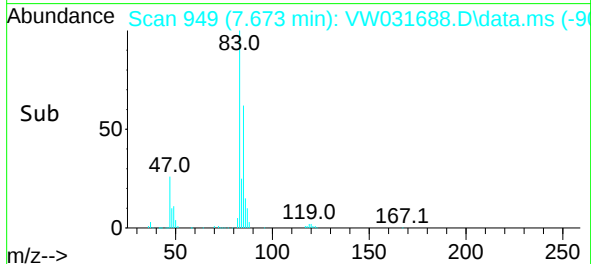
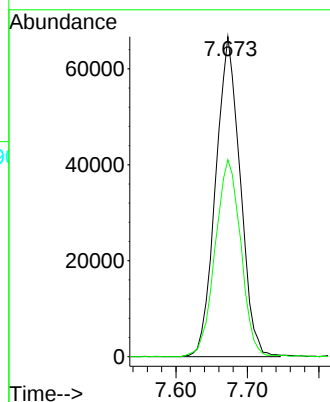
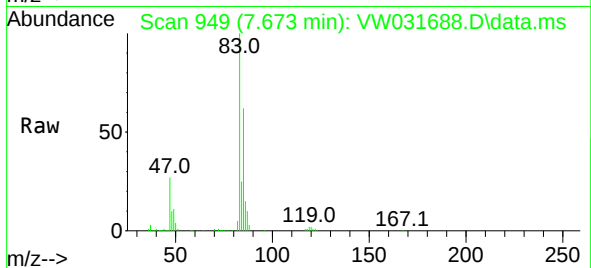
ClientSampleId :

Tgt Ion: 83 Resp: 158812

Ion Ratio Lower Upper

83 100

85 61.6 48.4 89.8



#27

1,2-Dichloroethane

Concen: 24.594 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031688.D

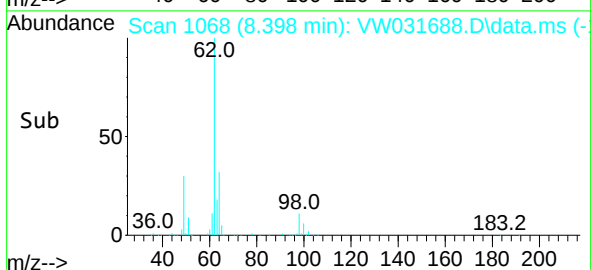
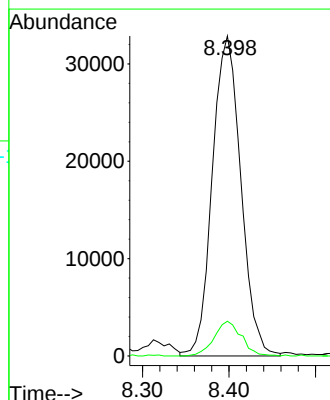
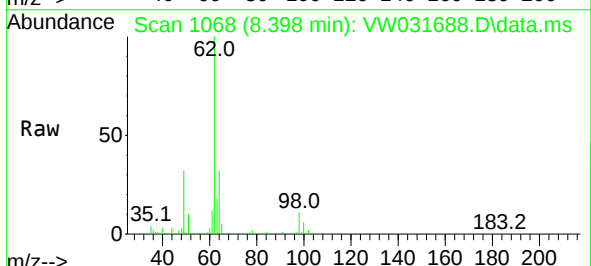
Acq: 04 Feb 2025 10:33

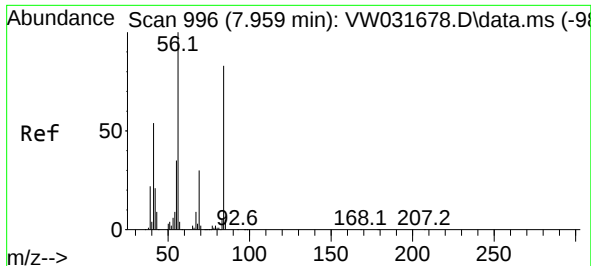
Tgt Ion: 62 Resp: 75150

Ion Ratio Lower Upper

62 100

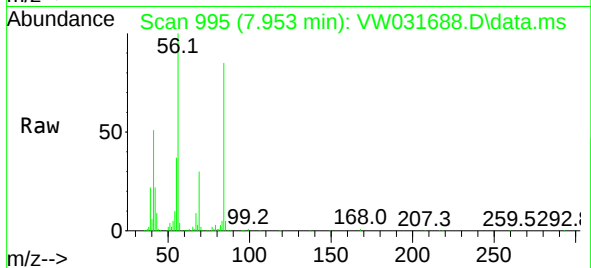
98 10.9 8.3 12.5



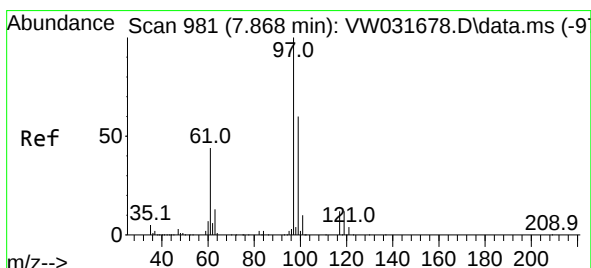
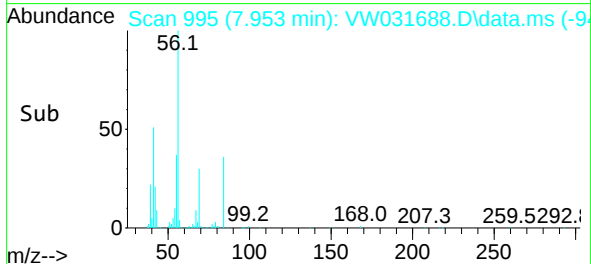
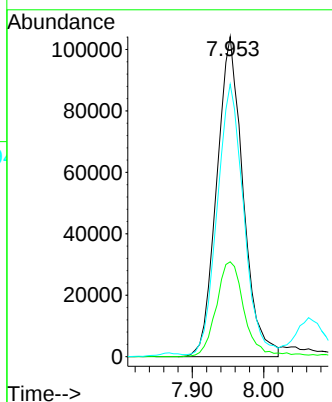


#29
Cyclohexane
Concen: 27.006 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

Instrument :
MSVOA_W
ClientSampleId :

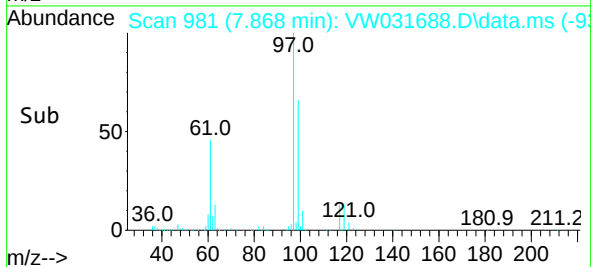
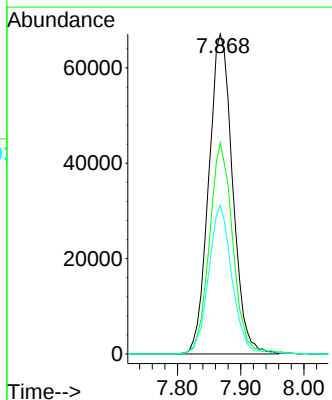
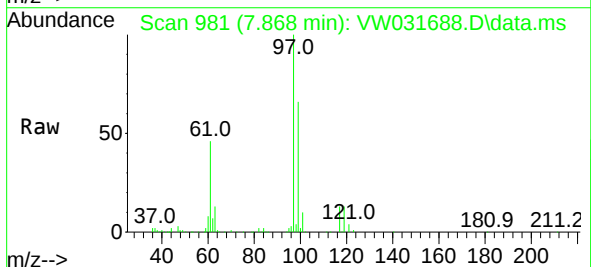


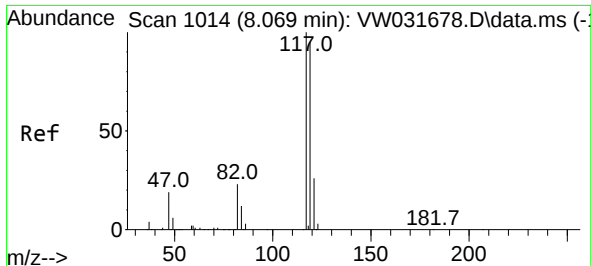
Tgt Ion: 56 Resp: 266617
Ion Ratio Lower Upper
56 100
69 31.1 24.2 36.4
84 85.8 67.8 101.8



#30
1,1,1-Trichloroethane
Concen: 25.790 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

Tgt Ion: 97 Resp: 176000
Ion Ratio Lower Upper
97 100
99 64.6 52.6 79.0
61 45.2 35.4 53.2

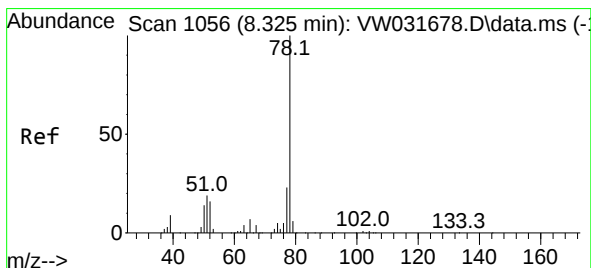
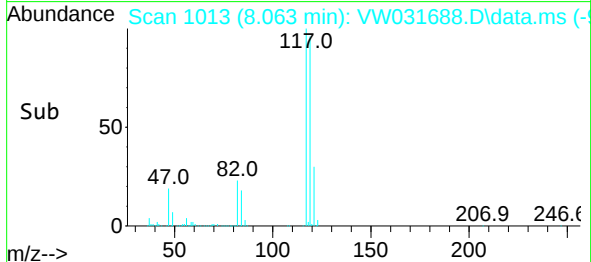
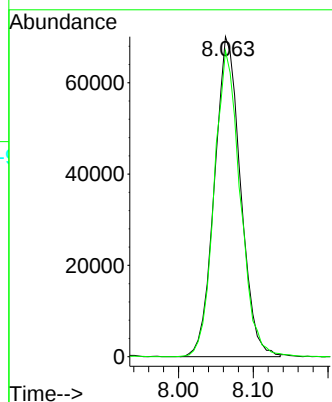
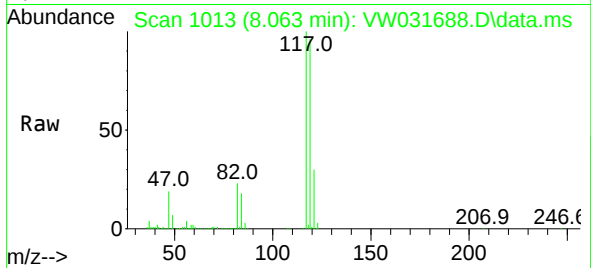




#31
Carbon tetrachloride
Concen: 26.525 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

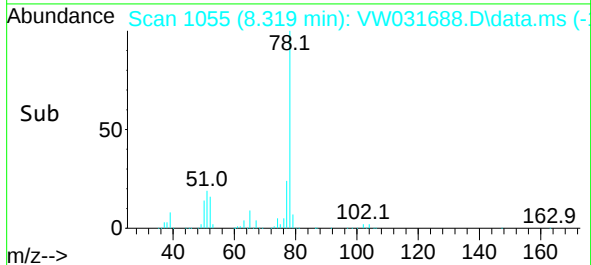
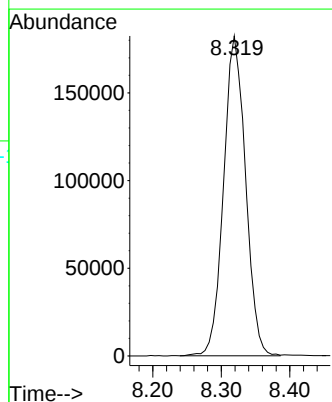
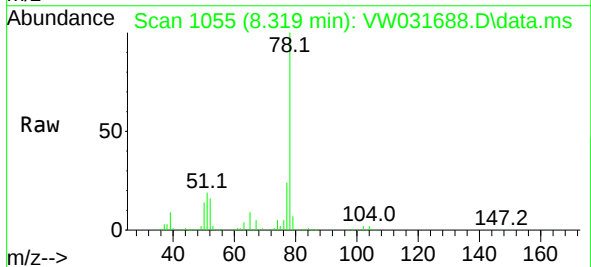
Instrument :
MSVOA_W
ClientSampleId :

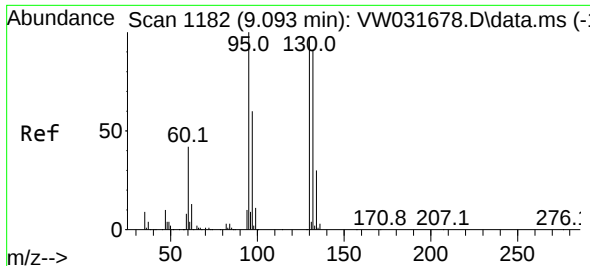
Tgt Ion:117 Resp: 170132
Ion Ratio Lower Upper
117 100
119 95.5 75.7 113.5



#33
Benzene
Concen: 23.530 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

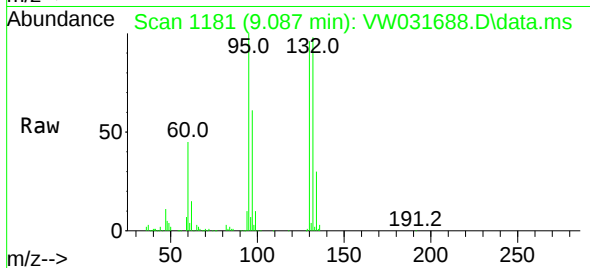
Tgt Ion: 78 Resp: 404718



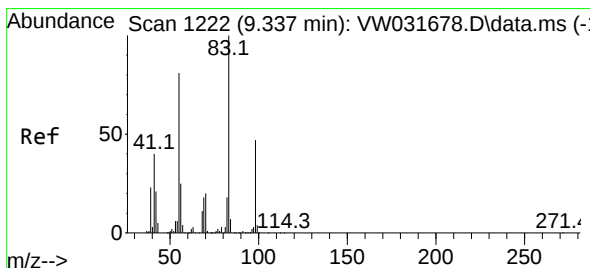
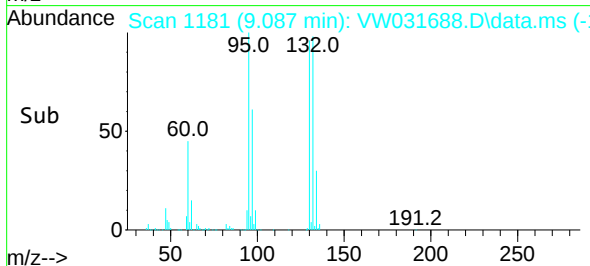
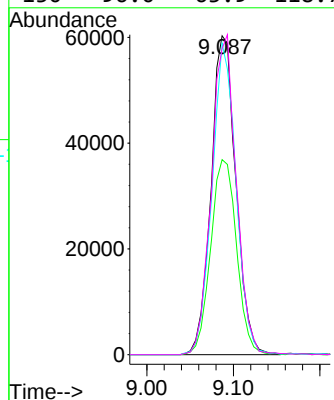


#34
Trichloroethene
Concen: 23.705 ug/L
RT: 9.087 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

Instrument :
MSVOA_W
ClientSampleId :

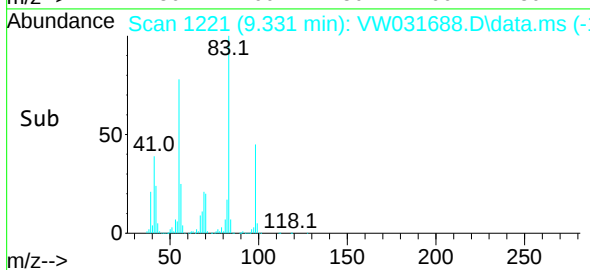
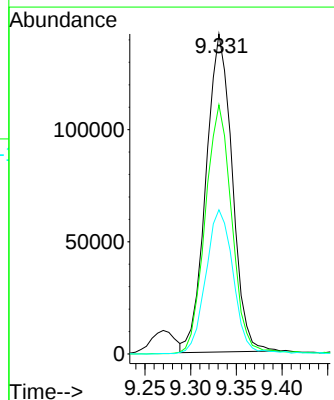
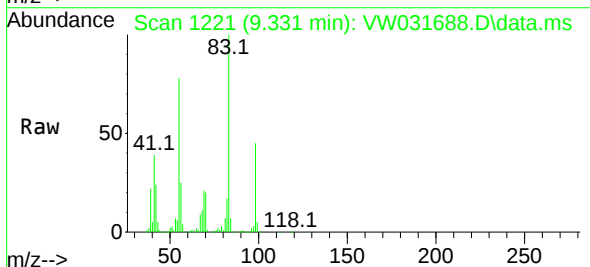


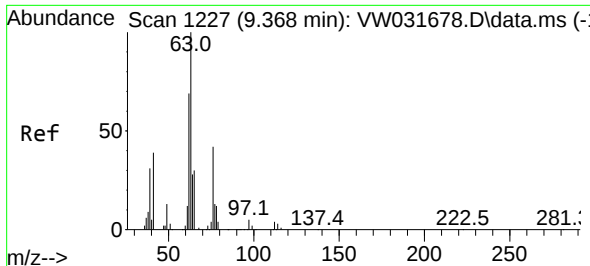
Tgt Ion: 95 Resp: 120275
Ion Ratio Lower Upper
95 100
97 61.2 41.9 77.7
132 97.6 63.3 117.7
130 96.0 63.9 118.7



#35
Methylcyclohexane
Concen: 27.960 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

Tgt Ion: 83 Resp: 283045
Ion Ratio Lower Upper
83 100
55 79.6 61.5 92.3
98 47.4 38.2 57.2





#37

1,2-Dichloropropane

Concen: 23.606 ug/L

RT: 9.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

Instrument :

MSVOA_W

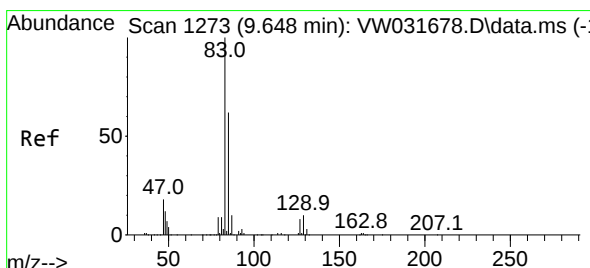
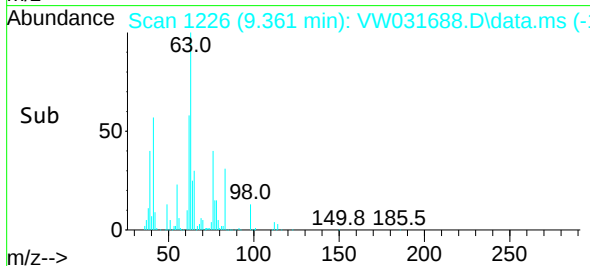
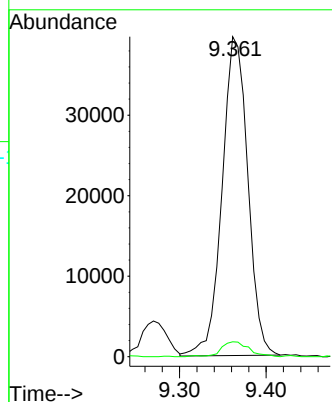
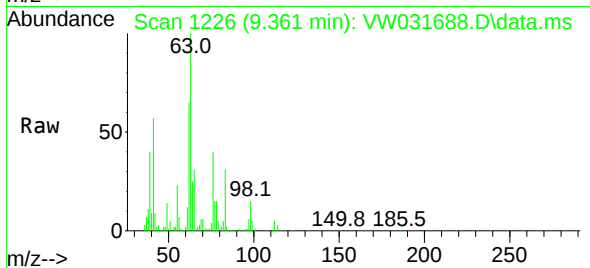
ClientSampleId :

Tgt Ion: 63 Resp: 81759

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.6



#38

Bromodichloromethane

Concen: 24.125 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

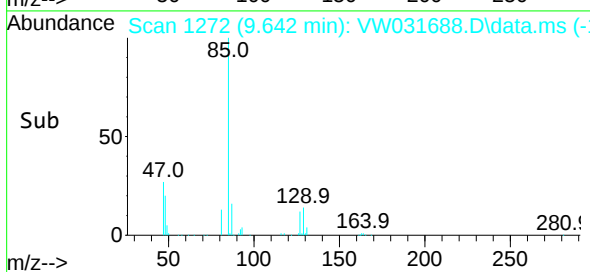
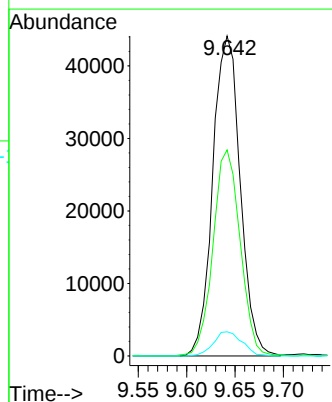
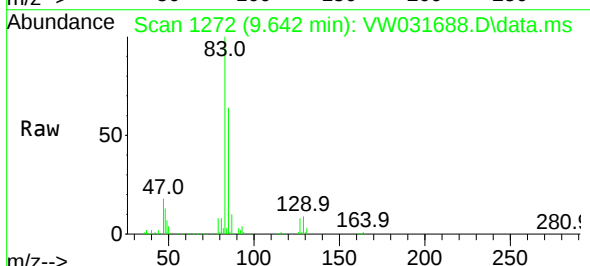
Tgt Ion: 83 Resp: 87014

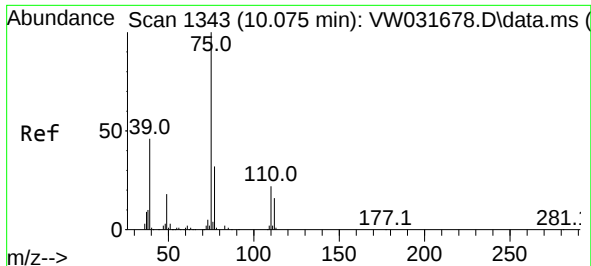
Ion Ratio Lower Upper

83 100

85 64.4 44.2 82.0

127 7.5 5.5 8.3





#39

cis-1,3-Dichloropropene

Concen: 23.907 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

Instrument :

MSVOA_W

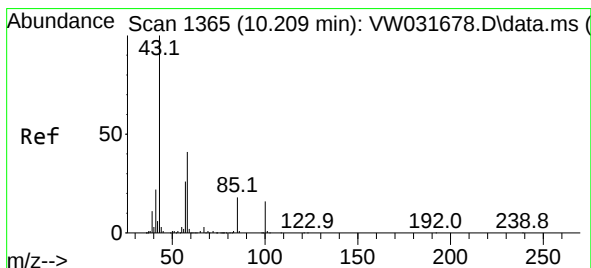
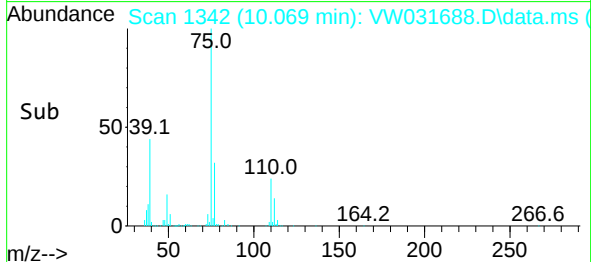
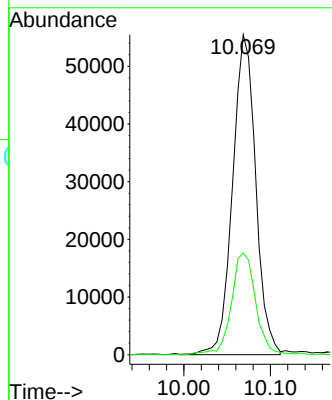
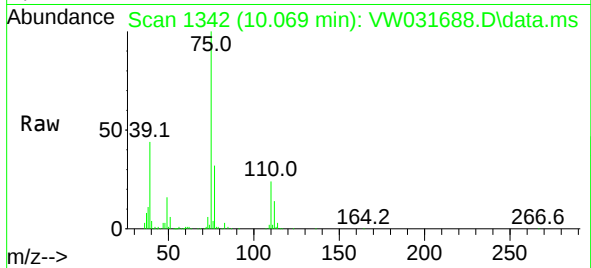
ClientSampleId :

Tgt Ion: 75 Resp: 102873

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 49.132 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

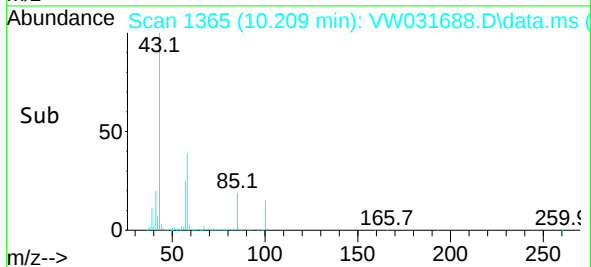
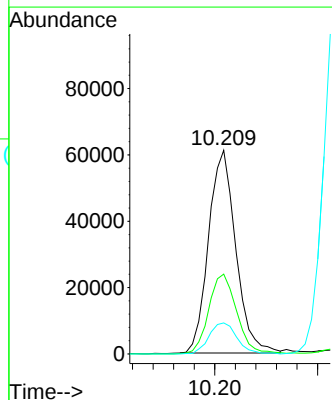
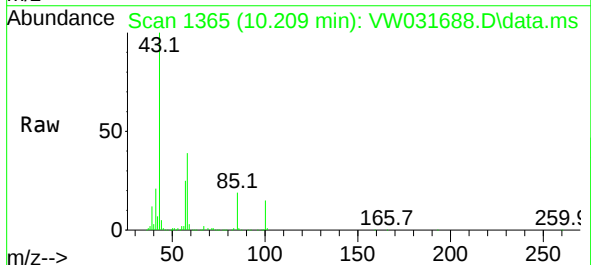
Tgt Ion: 43 Resp: 112577

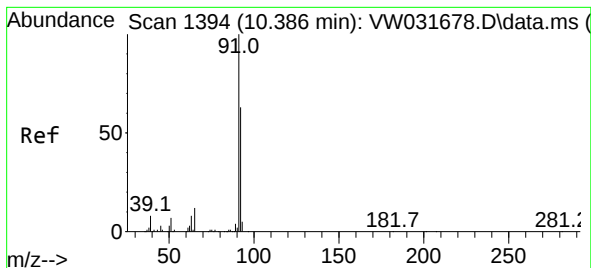
Ion Ratio Lower Upper

43 100

58 40.5 33.5 50.3

100 15.2 12.9 19.3





#42

Toluene

Concen: 23.284 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

Instrument :

MSVOA_W

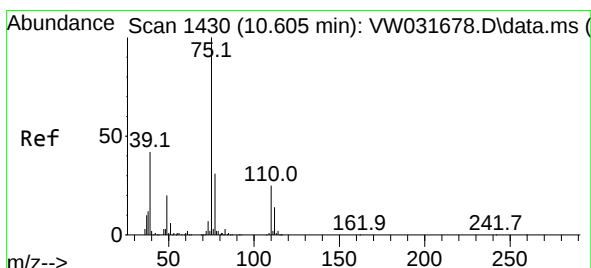
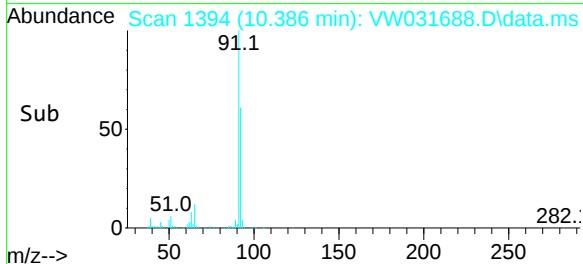
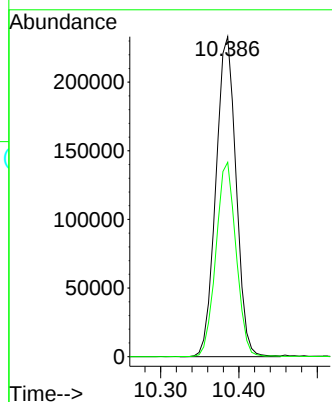
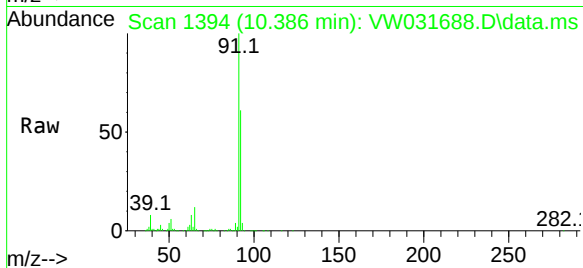
ClientSampleId :

Tgt Ion: 91 Resp: 417947

Ion Ratio Lower Upper

91 100

92 60.7 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 24.644 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031688.D

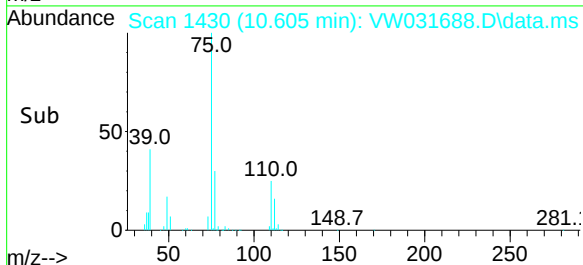
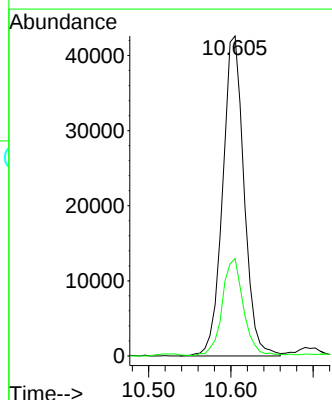
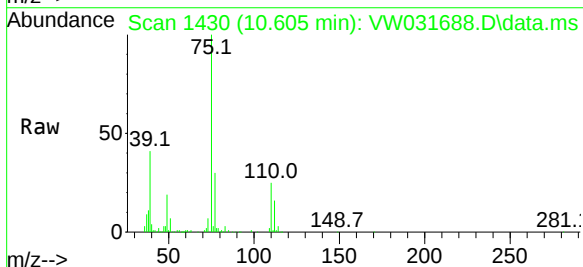
Acq: 04 Feb 2025 10:33

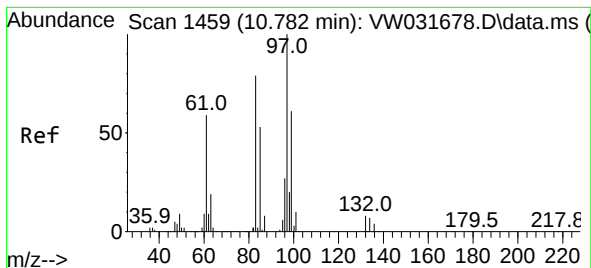
Tgt Ion: 75 Resp: 77148

Ion Ratio Lower Upper

75 100

77 30.5 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 23.849 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 49417

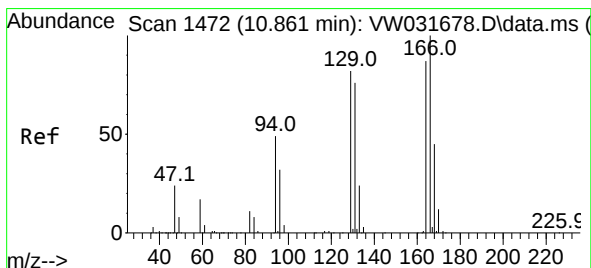
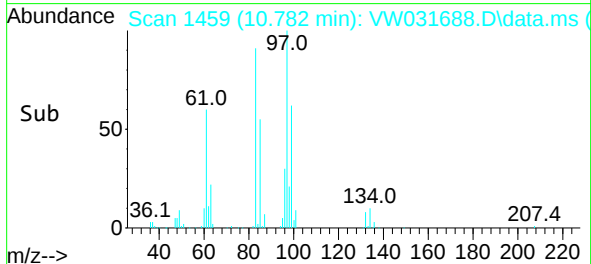
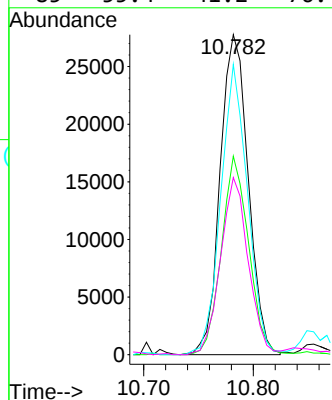
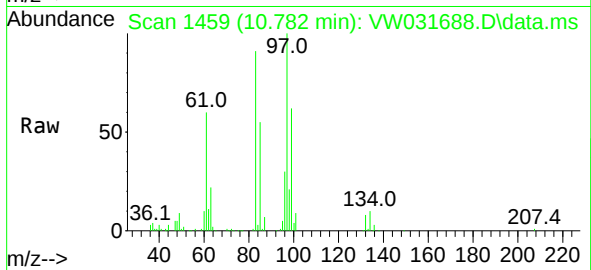
Ion Ratio Lower Upper

97 100

99 62.0 44.9 83.5

83 90.7 60.7 112.7

85 55.4 41.2 76.4



#46

Tetrachloroethene

Concen: 25.112 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

Tgt Ion:164 Resp: 94729

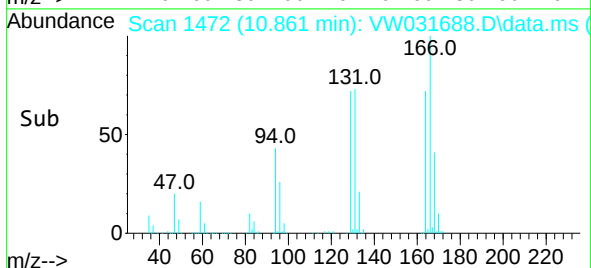
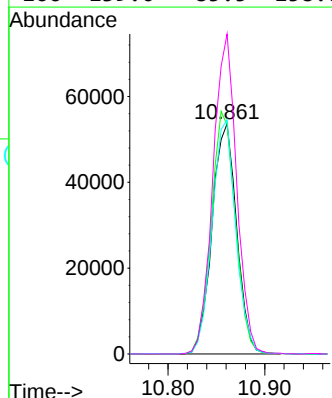
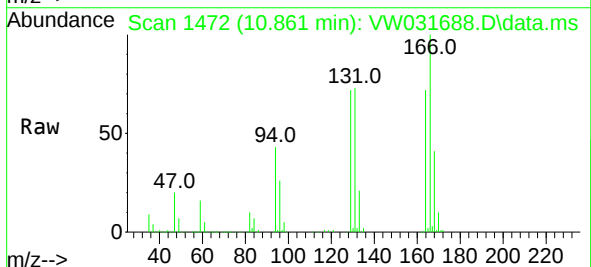
Ion Ratio Lower Upper

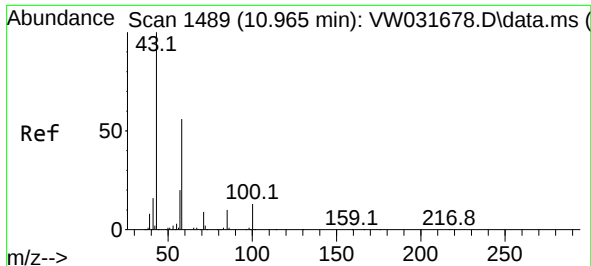
164 100

129 99.4 68.5 127.3

131 101.8 65.9 122.5

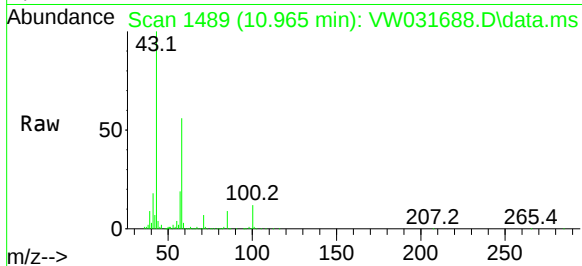
166 139.0 85.5 158.7



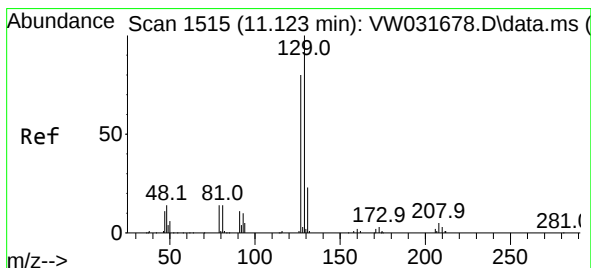
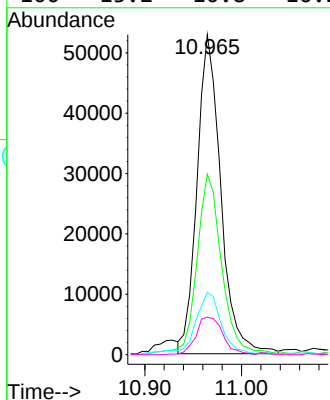
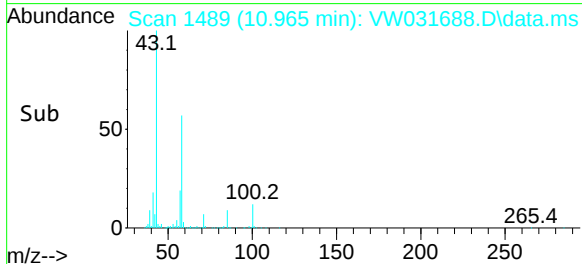


#48
2-Hexanone
Concen: 52.475 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

Instrument :
MSVOA_W
ClientSampleId :

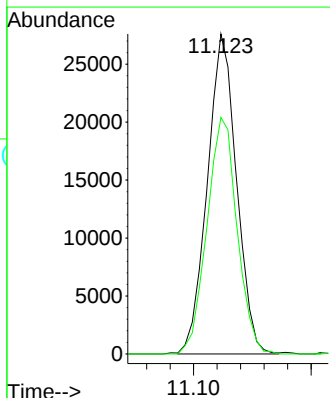
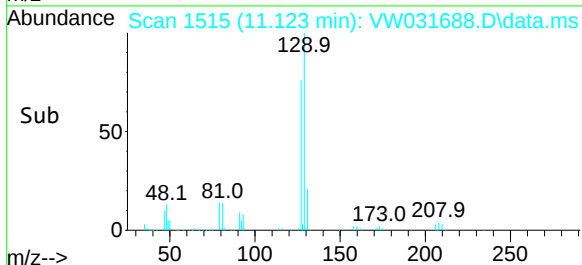
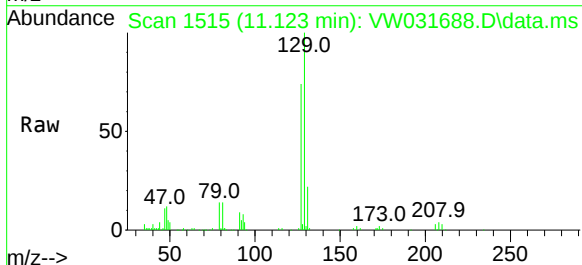


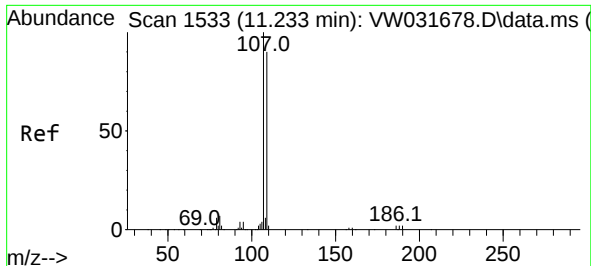
Tgt Ion: 43	Resp: 90334		
Ion	Ratio	Lower	Upper
43	100		
58	59.2	46.0	69.0
57	20.4	16.4	24.6
100	13.2	10.8	16.2



#49
Dibromochloromethane
Concen: 24.825 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

Tgt Ion:129	Resp:	47611	
Ion	Ratio	Lower	Upper
129	100		
127	73.9	56.4	104.7





#50

1,2-Dibromoethane

Concen: 23.890 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031688.D

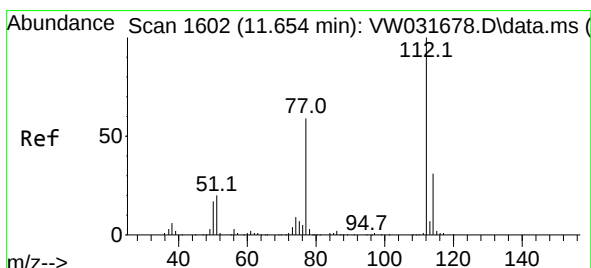
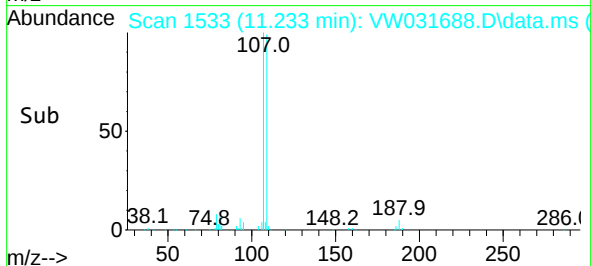
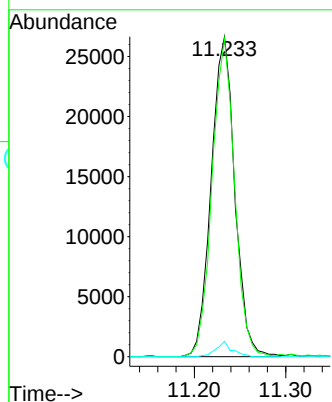
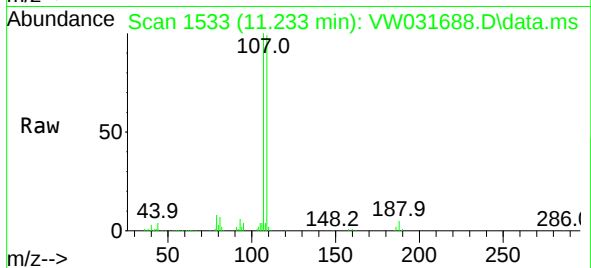
Acq: 04 Feb 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	47816
Ion	Ratio	Lower	Upper
107	100		
109	99.4	62.9	116.7
188	4.8	3.0	4.4#



#51

Chlorobenzene

Concen: 23.464 ug/L

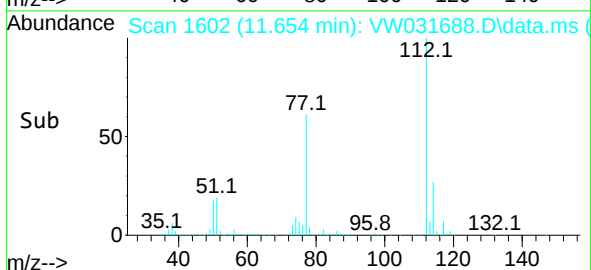
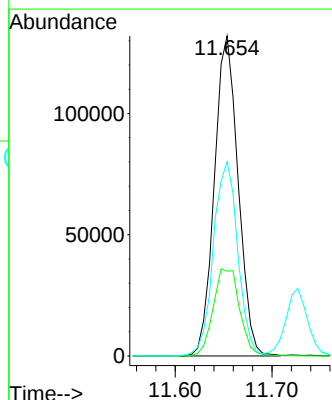
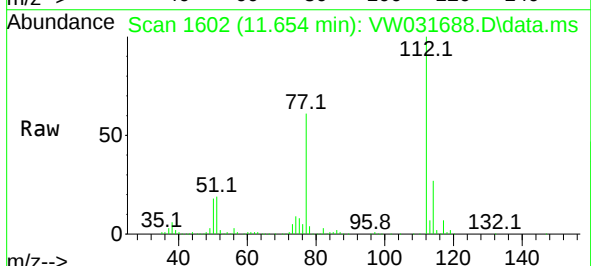
RT: 11.654 min Scan# 1602

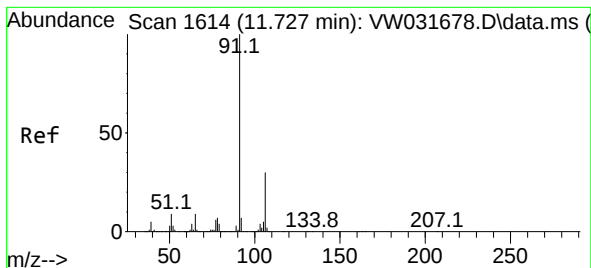
Delta R.T. -0.000 min

Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

Tgt Ion:	112	Resp:	225481
Ion	Ratio	Lower	Upper
112	100		
114	26.5	21.1	39.3
77	60.8	46.6	69.8





#52

Ethylbenzene

Concen: 23.754 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

Instrument :

MSVOA_W

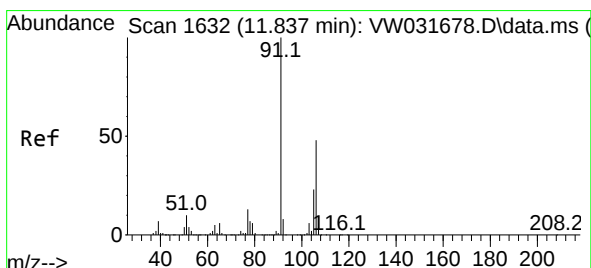
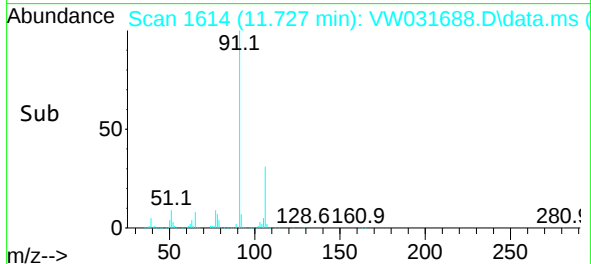
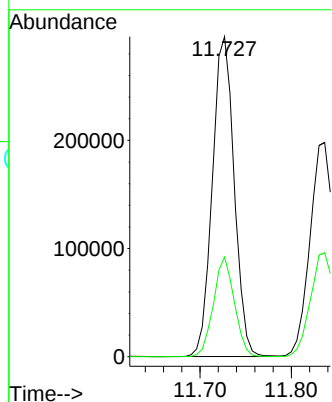
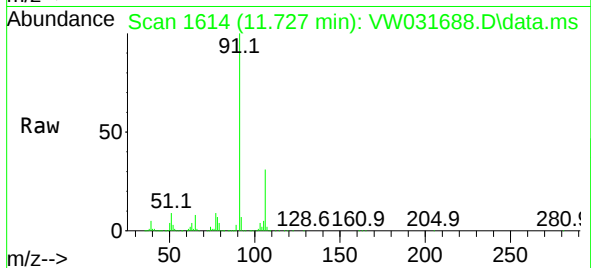
ClientSampleId :

Tgt Ion: 91 Resp: 491754

Ion Ratio Lower Upper

91 100

106 31.2 21.3 39.5



#53

m,p-Xylene

Concen: 23.954 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW031688.D

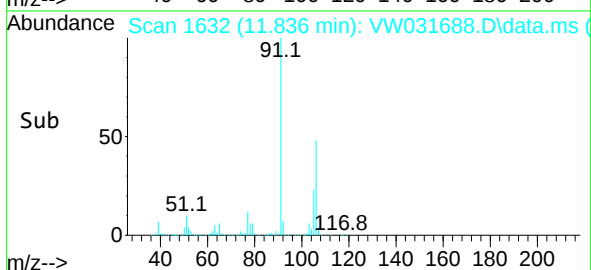
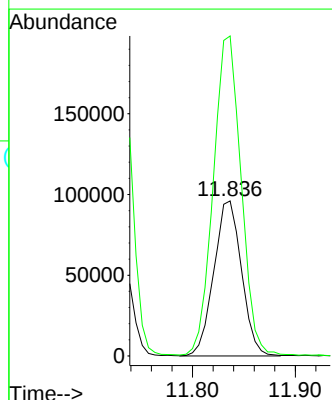
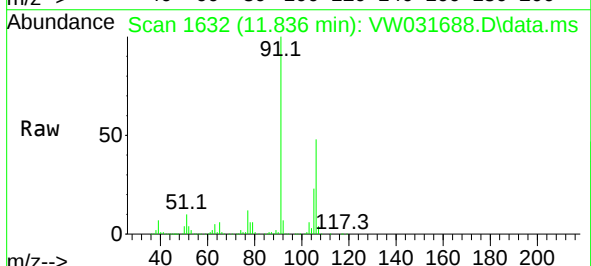
Acq: 04 Feb 2025 10:33

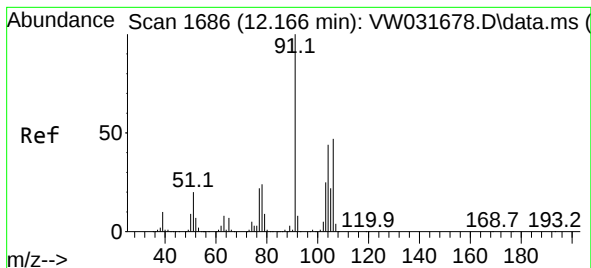
Tgt Ion:106 Resp: 179500

Ion Ratio Lower Upper

106 100

91 206.4 147.2 273.4

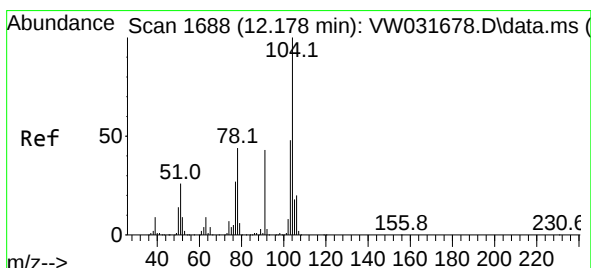
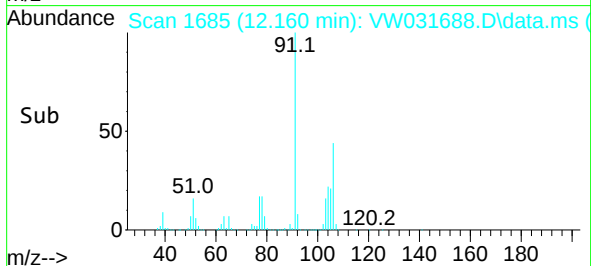
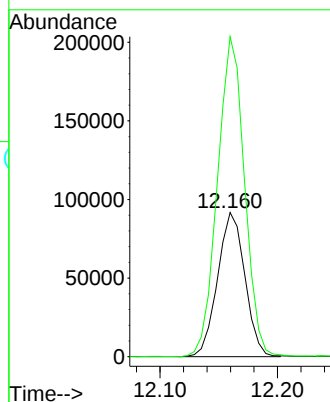
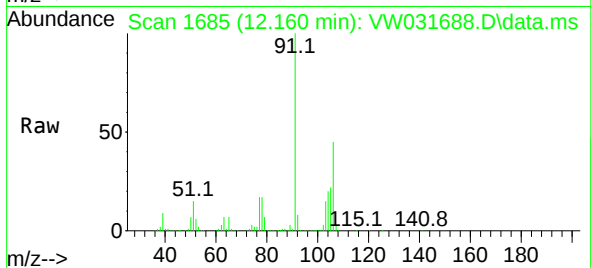




#54
o-Xylene
Concen: 23.173 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

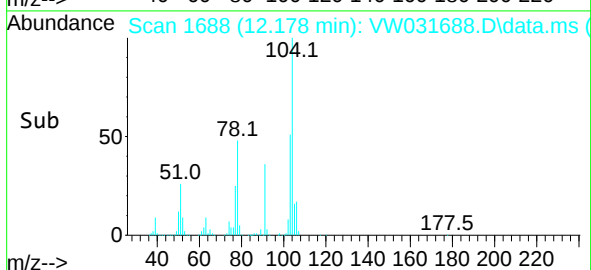
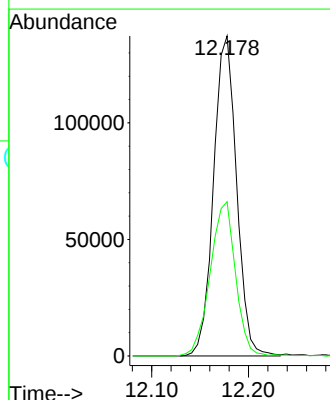
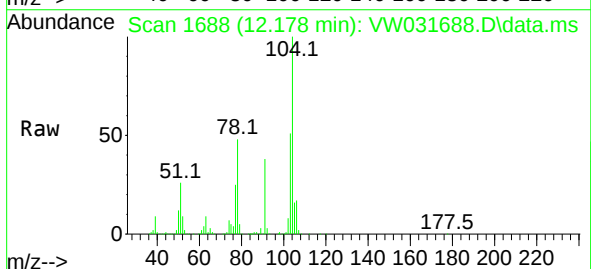
Instrument :
MSVOA_W
ClientSampleId :

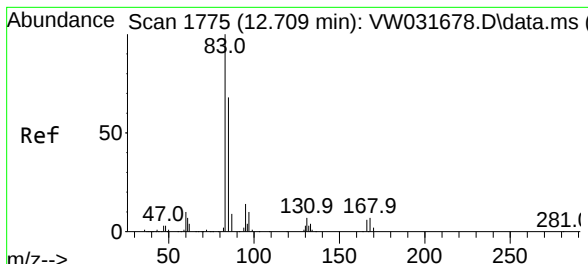
Tgt Ion:106 Resp: 147945
Ion Ratio Lower Upper
106 100
91 222.0 152.7 283.7



#55
Styrene
Concen: 23.023 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

Tgt Ion:104 Resp: 226824
Ion Ratio Lower Upper
104 100
78 48.2 29.0 53.9



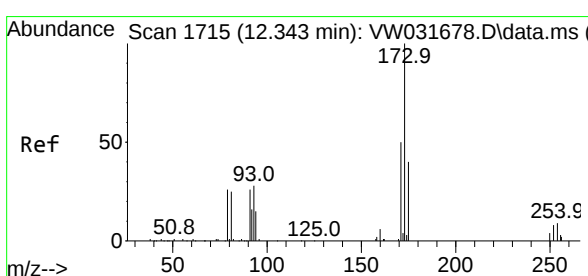
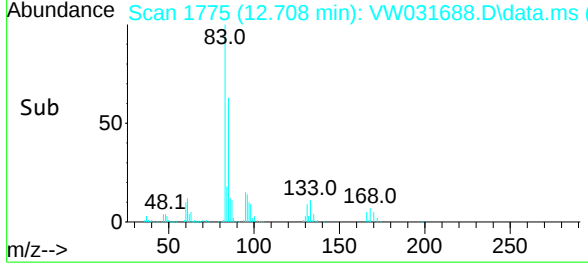
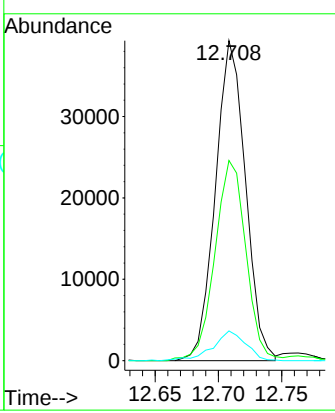
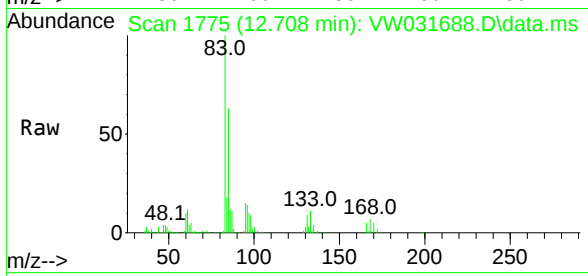


#57
 1,1,2,2-Tetrachloroethane
 Concen: 24.141 ug/L
 RT: 12.708 min Scan# 1775
 Delta R.T. 0.000 min
 Lab File: VW031688.D
 Acq: 04 Feb 2025 10:33

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 83 Resp: 64983

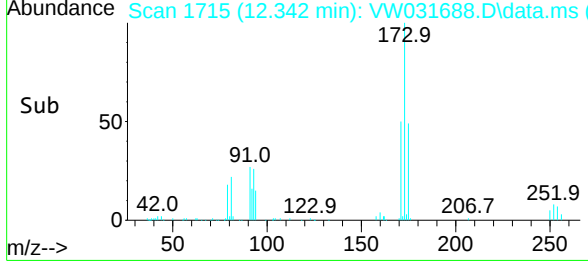
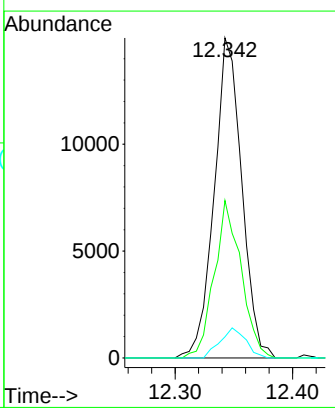
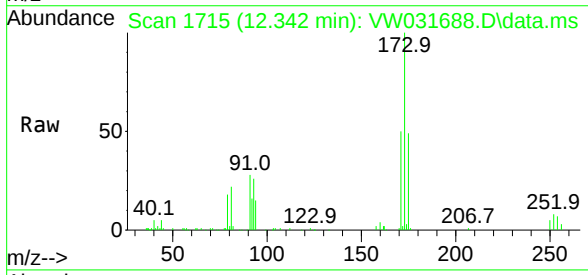
Ion	Ratio	Lower	Upper
83	100		
85	62.6	46.3	86.1
131	9.3	7.1	10.7

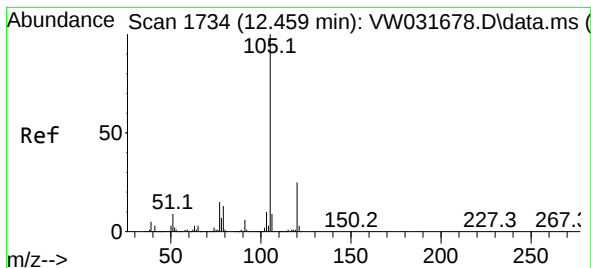


#59
 Bromoform
 Concen: 24.288 ug/L
 RT: 12.342 min Scan# 1715
 Delta R.T. -0.000 min
 Lab File: VW031688.D
 Acq: 04 Feb 2025 10:33

Tgt Ion: 173 Resp: 24407

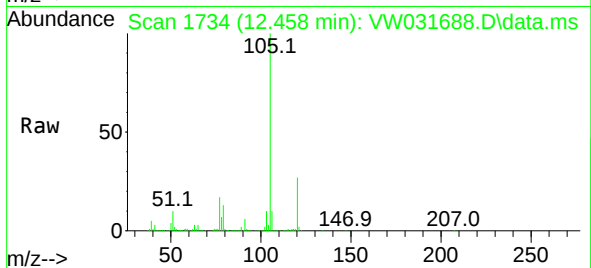
Ion	Ratio	Lower	Upper
173	100		
175	48.0	37.3	55.9
254	8.8	6.9	10.3



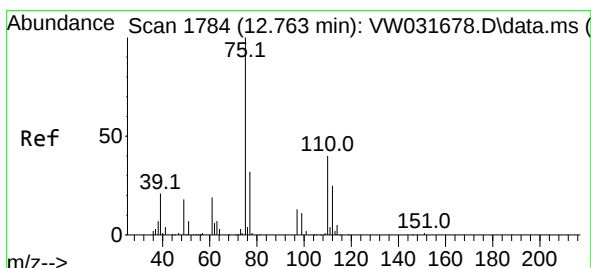
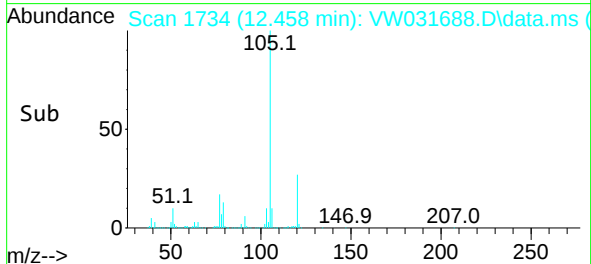
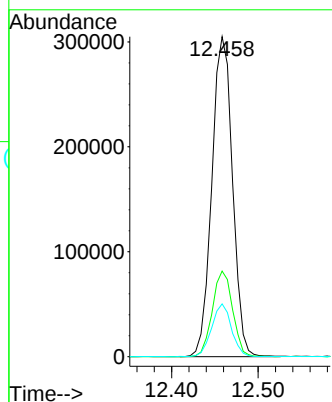


#60
Isopropylbenzene
Concen: 23.984 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

Instrument :
MSVOA_W
ClientSampleId :

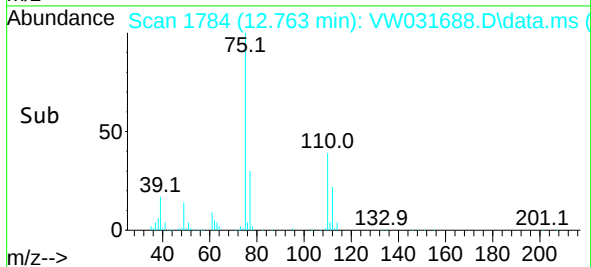
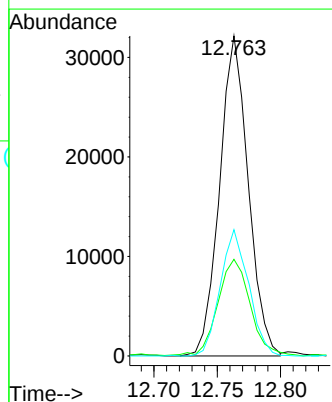
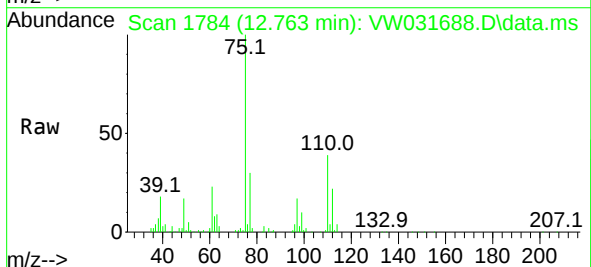


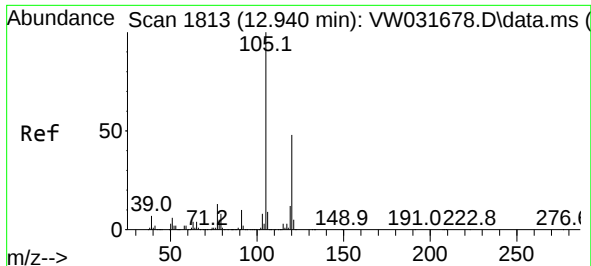
Tgt Ion:105 Resp: 505583
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 15.8 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 24.308 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

Tgt Ion: 75 Resp: 50605
Ion Ratio Lower Upper
75 100
77 33.6 27.4 41.2
110 39.2 29.8 44.8

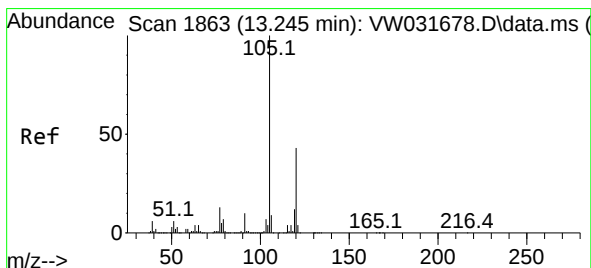
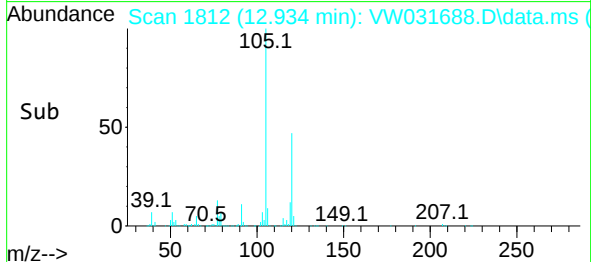
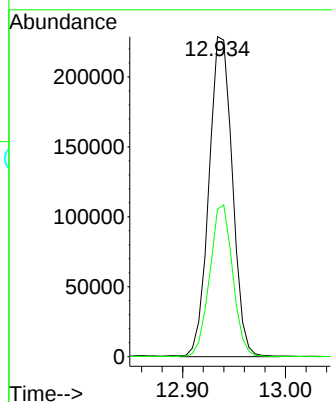
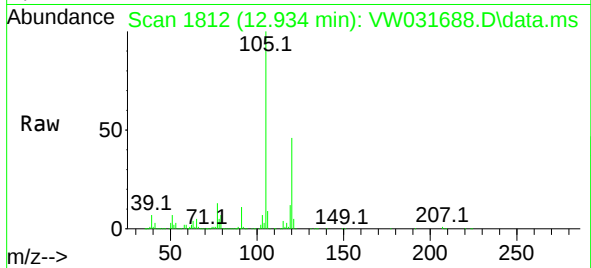




#62
1,3,5-Trimethylbenzene
Concen: 23.422 ug/L
RT: 12.934 min Scan# 1812
Delta R.T. 0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

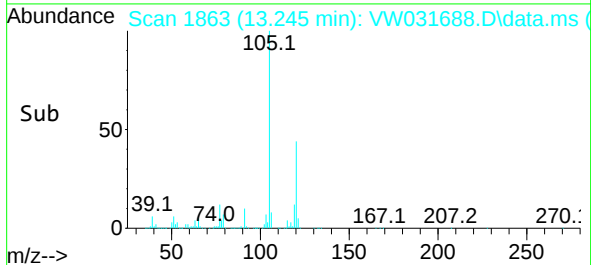
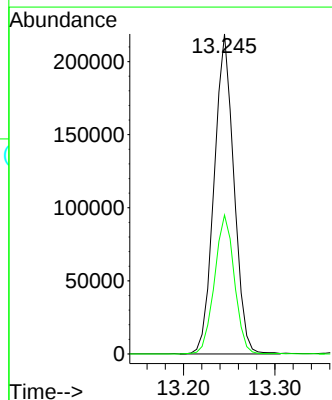
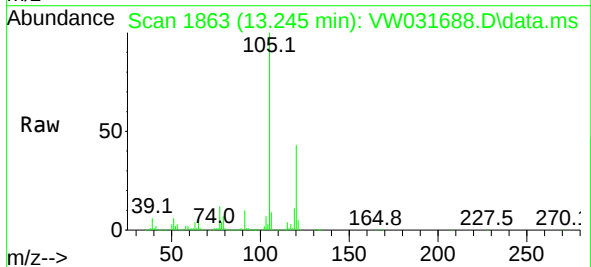
Instrument :
MSVOA_W
ClientSampleId :

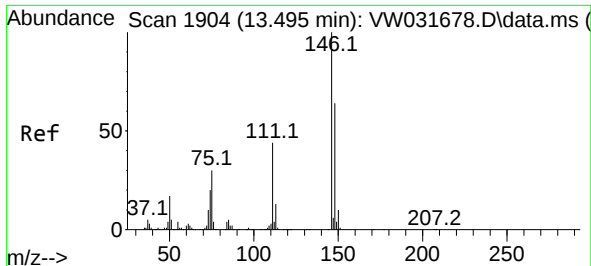
Tgt Ion:105 Resp: 363019
Ion Ratio Lower Upper
105 100
120 46.5 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 23.586 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

Tgt Ion:105 Resp: 328406
Ion Ratio Lower Upper
105 100
120 43.6 35.1 52.7

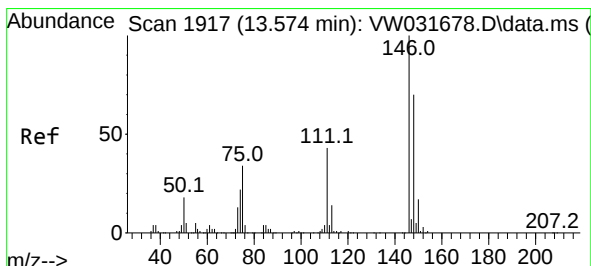
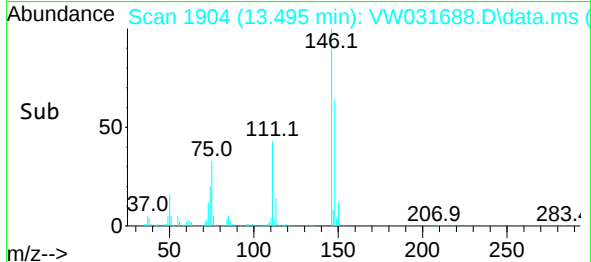
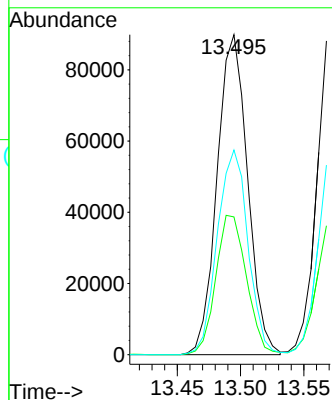
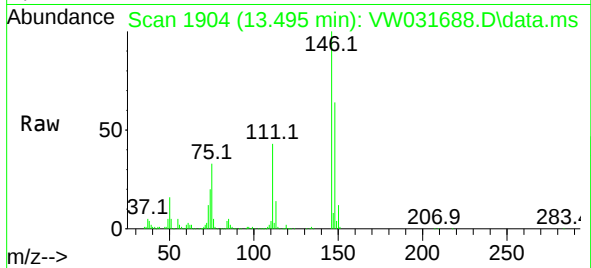




#64
1,3-Dichlorobenzene
Concen: 23.515 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

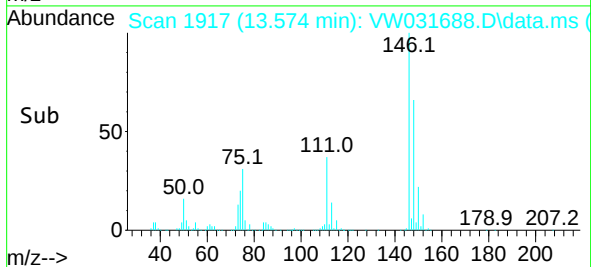
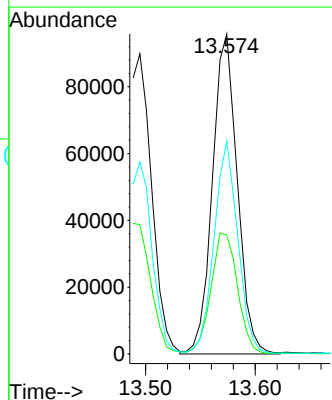
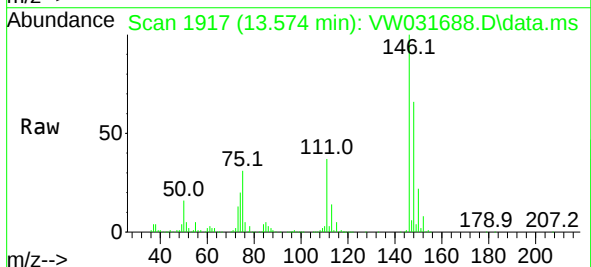
Instrument :
MSVOA_W
ClientSampleId :

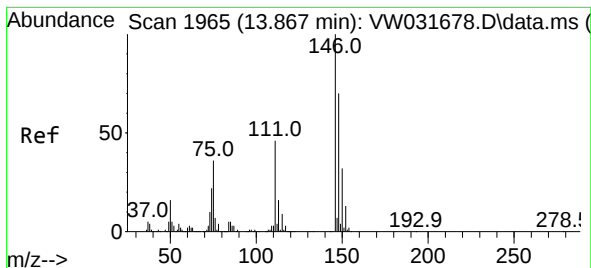
Tgt Ion:146 Resp: 150588
Ion Ratio Lower Upper
146 100
111 43.1 30.2 56.2
148 63.9 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 23.939 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031688.D
Acq: 04 Feb 2025 10:33

Tgt Ion:146 Resp: 151121
Ion Ratio Lower Upper
146 100
111 37.1 28.1 52.3
148 66.5 41.4 77.0





#67

1,2-Dichlorobenzene

Concen: 23.376 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

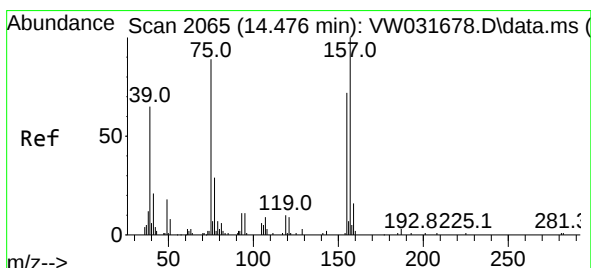
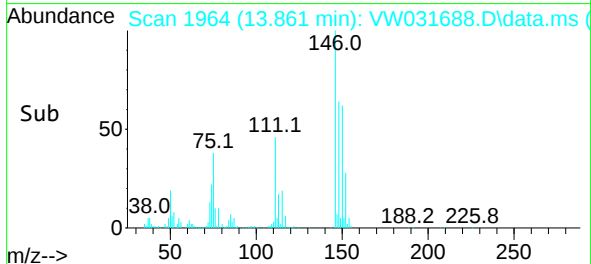
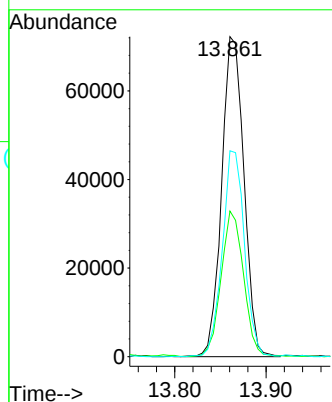
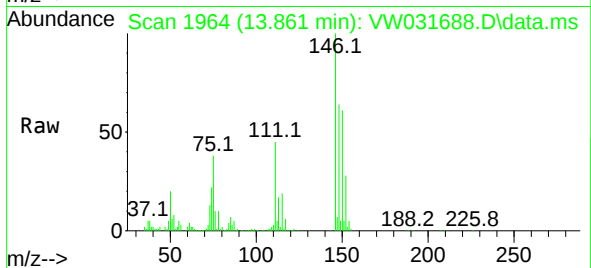
Tgt Ion:146 Resp: 122496

Ion Ratio Lower Upper

146 100

111 45.5 33.4 50.0

148 64.3 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 26.065 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

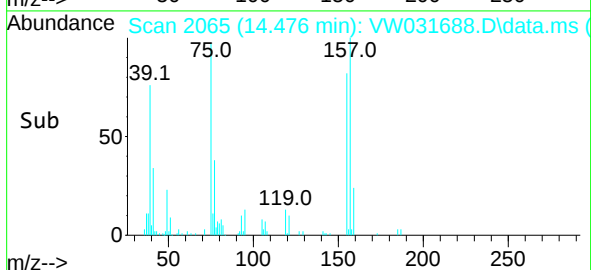
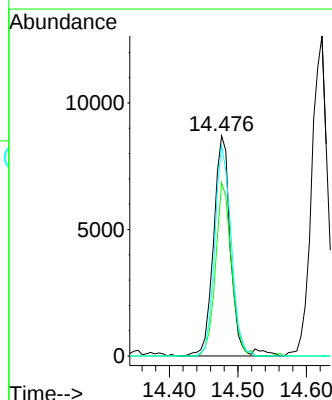
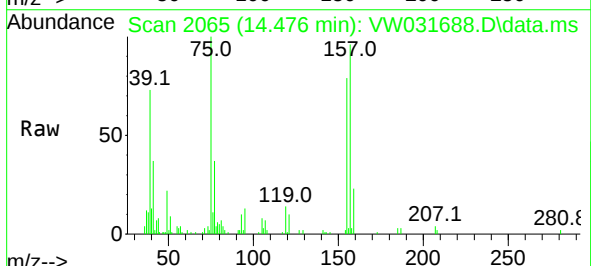
Tgt Ion: 75 Resp: 14947

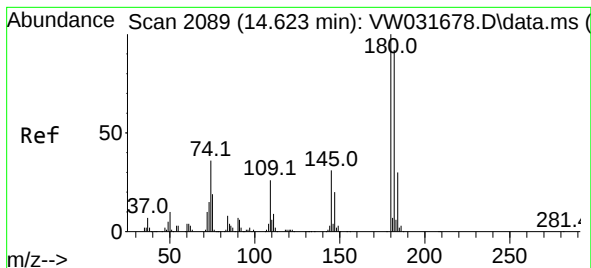
Ion Ratio Lower Upper

75 100

155 78.7 60.6 91.0

157 95.7 74.1 111.1





#69

1,3,5-Trichlorobenzene

Concen: 22.627 ug/L

RT: 14.616 min Scan# 2088

Delta R.T. -0.006 min

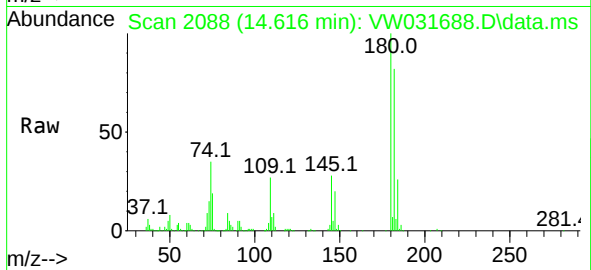
Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 101065

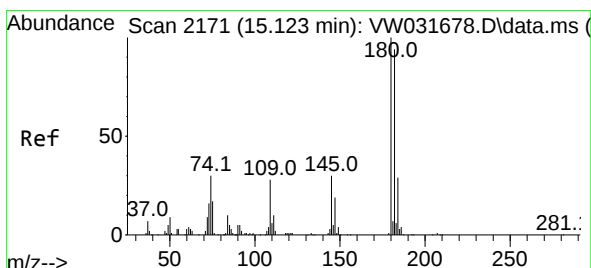
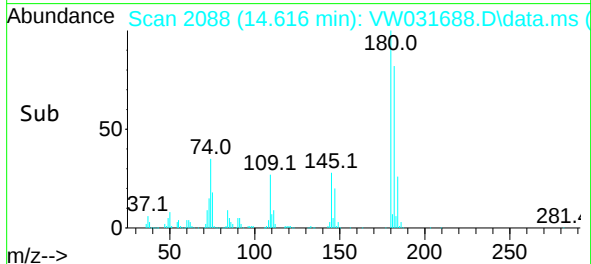
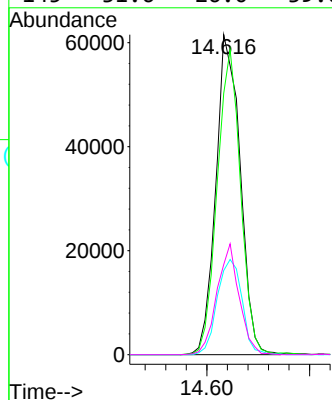
Ion Ratio Lower Upper

180 100

182 91.4 75.1 112.7

184 30.3 23.7 35.5

145 31.6 26.0 39.0



#70

1,2,4-trichlorobenzene

Concen: 22.519 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

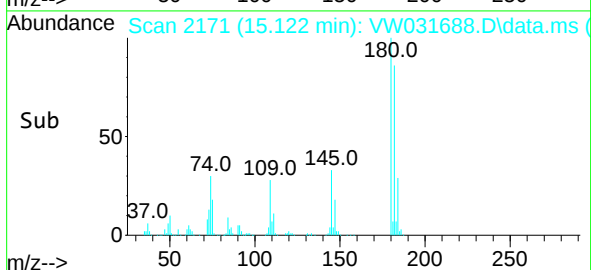
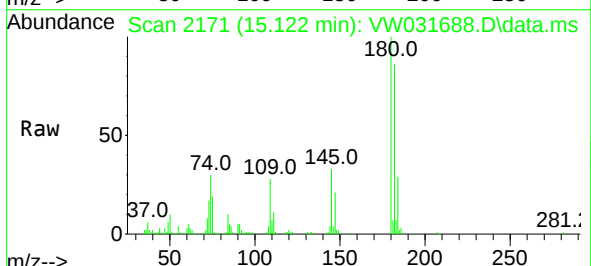
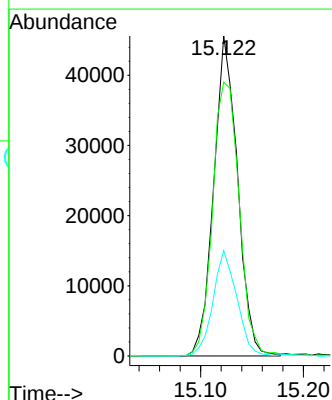
Tgt Ion:180 Resp: 73422

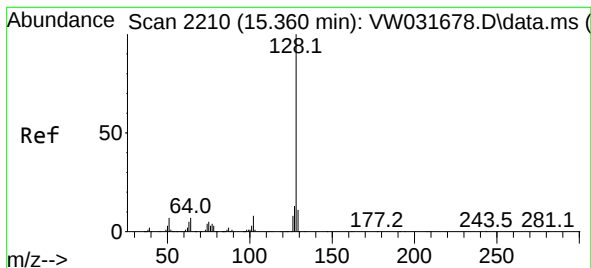
Ion Ratio Lower Upper

180 100

182 94.7 73.0 109.4

145 32.9 26.7 40.1





#71

Naphthalene

Concen: 22.517 ug/L

RT: 15.354 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

Instrument :

MSVOA_W

ClientSampleId :

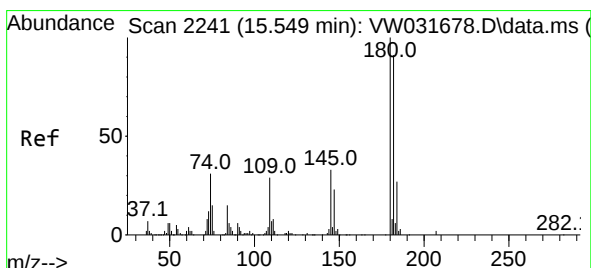
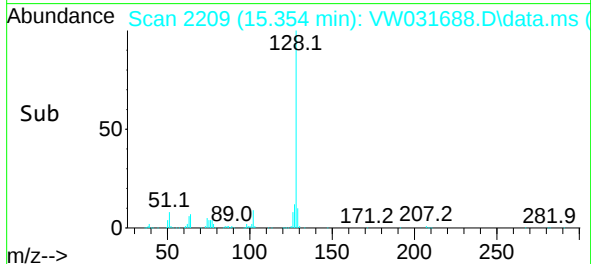
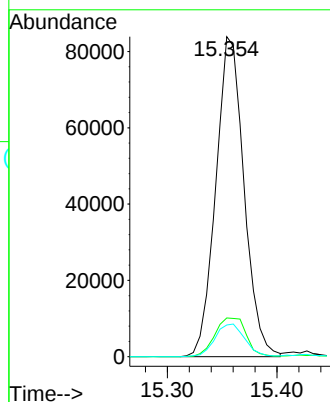
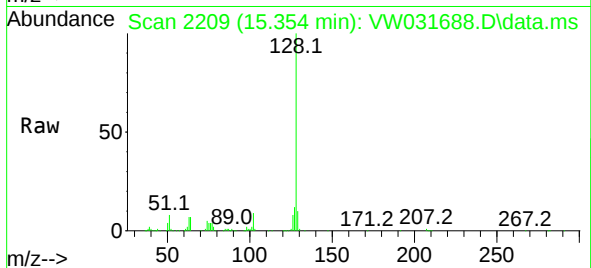
Tgt Ion:128 Resp: 150141

Ion Ratio Lower Upper

128 100

127 13.5 9.9 14.9

129 10.8 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 23.697 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW031688.D

Acq: 04 Feb 2025 10:33

Tgt Ion:180 Resp: 62972

Ion Ratio Lower Upper

180 100

182 91.7 78.2 117.4

145 33.7 30.2 45.4

