

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020425\
 Data File : VW031691.D
 Acq On : 04 Feb 2025 16:36
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 05 07:44:53 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	306402	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	214196	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	90426	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	104813	21.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.240%
7) Chloroethane-d5	2.893	69	69459	21.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.440%
11) 1,1-Dichloroethene-d2	4.015	65	49773	20.896	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.600%
21) 2-Butanone-d5	7.088	46	80604	53.227	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.460%
24) Chloroform-d	7.648	84	159824	24.000	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	8.301	65	58951	22.941	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.760%
32) Benzene-d6	8.270	84	348912	23.679	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.720%
36) 1,2-Dichloropropane-d6	9.270	67	84100	23.409	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.640%
41) Toluene-d8	10.319	98	298448	22.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	10.575	79	24588	23.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.760%
47) 2-Hexanone-d5	10.922	63	34469	51.338	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.680%
56) 1,1,2,2-Tetrachloroeth...	12.684	84	62718	24.641	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.560%
66) 1,2-Dichlorobenzene-d4	13.849	152	66024	22.354	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.400%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.009	85	115918	26.754	ug/L # 86
3) Chloromethane	2.210	50	100857	24.418	ug/L 96
5) Vinyl chloride	2.375	62	161101	28.317	ug/L 100
6) Bromomethane	2.783	94	69256	26.793	ug/L 90
8) Chloroethane	2.930	64	77315	27.903	ug/L 93
9) Trichlorofluoromethane	2.253	101	130885	29.397	ug/L 95
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	165686	33.019	ug/L 93
12) 1,1-Dichloroethene	4.033	96	141827	29.326	ug/L 94
13) Acetone	4.149	43	61451	50.694	ug/L 97
14) Carbon disulfide	4.387	76	410307	27.837	ug/L 100
15) Methyl Acetate	4.673	43	55446	26.028	ug/L # 100
16) Methylene chloride	4.917	84	76438	23.773	ug/L 89
17) trans-1,2-Dichloroethene	5.423	96	130942	27.256	ug/L 94
18) Methyl tert-butyl Ether	5.417	73	96111	23.296	ug/L 98
19) 1,1-Dichloroethane	6.210	63	203790	27.452	ug/L 98
20) cis-1,2-Dichloroethene	7.167	96	107903	26.046	ug/L 96
22) 2-Butanone	7.179	43	88509	49.062	ug/L 99
23) Bromochloromethane	7.514	128	33811	25.185	ug/L 93
25) Chloroform	7.667	83	177577	26.879	ug/L 92

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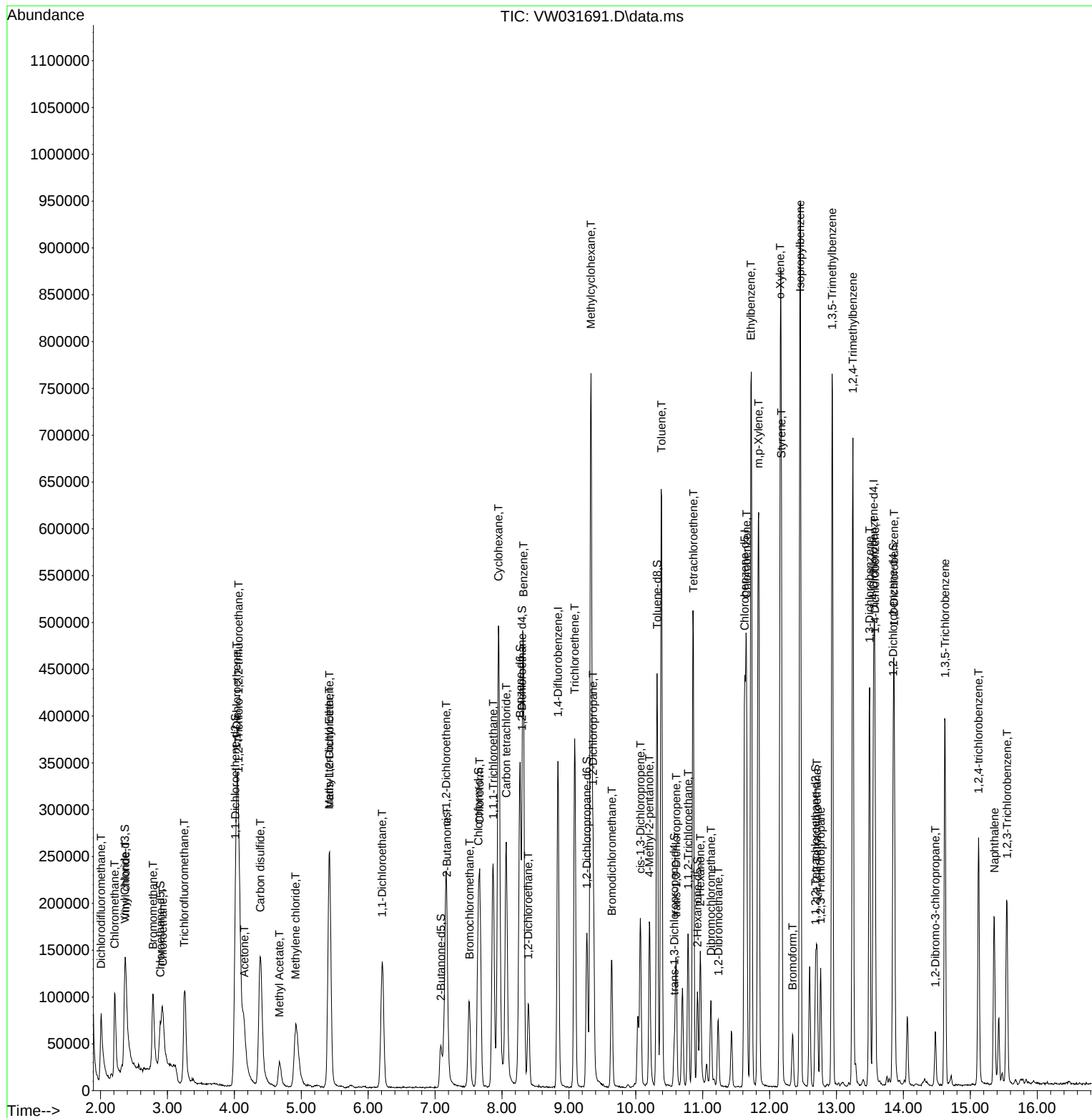
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27) 1,2-Dichloroethane	8.392	62	80821	25.295	ug/L	98
29) Cyclohexane	7.947	56	293028	29.748	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	202839	29.791	ug/L	99
31) Carbon tetrachloride	8.063	117	194167	30.341	ug/L	100
33) Benzene	8.319	78	468368	27.292	ug/L	100
34) Trichloroethene	9.087	95	139687	27.594	ug/L	95
35) Methylcyclohexane	9.331	83	313602	31.049	ug/L	97
37) 1,2-Dichloropropane	9.362	63	91915	26.598	ug/L	100
38) Bromodichloromethane	9.642	83	95548	26.551	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	111304	25.925	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	118167	51.688	ug/L	99
42) Toluene	10.386	91	491283	27.431	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	79251	25.373	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	51464	24.893	ug/L	95
46) Tetrachloroethene	10.861	164	111707	29.680	ug/L	97
48) 2-Hexanone	10.965	43	93885	54.662	ug/L	100
49) Dibromochloromethane	11.123	129	48524	25.358	ug/L	92
50) 1,2-Dibromoethane	11.233	107	49030	24.552	ug/L	94
51) Chlorobenzene	11.654	112	248495	25.918	ug/L	97
52) Ethylbenzene	11.721	91	566440	27.423	ug/L	96
53) m,p-Xylene	11.837	106	209493	28.019	ug/L	96
54) o-Xylene	12.160	106	169441	26.601	ug/L	96
55) Styrene	12.178	104	252390	25.676	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.708	83	66758	24.857	ug/L	93
59) Bromoform	12.343	173	25983	26.096	ug/L	92
60) Isopropylbenzene	12.459	105	611504	29.277	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	53876	26.118	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	430588	28.038	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	382828	27.749	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	174740	27.539	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	164683	26.328	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	135026	26.006	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	15095	26.567	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	122034	27.574	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	82841	25.643	ug/L	98
71) Naphthalene	15.360	128	161819	24.492	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	67564	25.660	ug/L	94

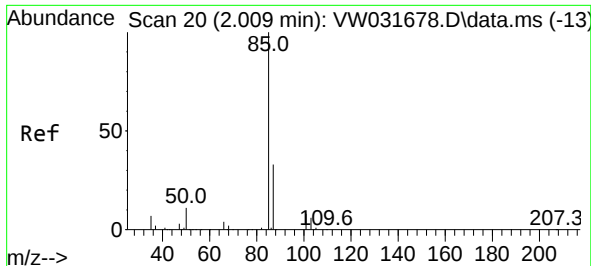
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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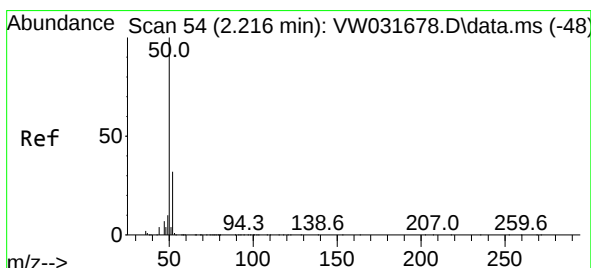
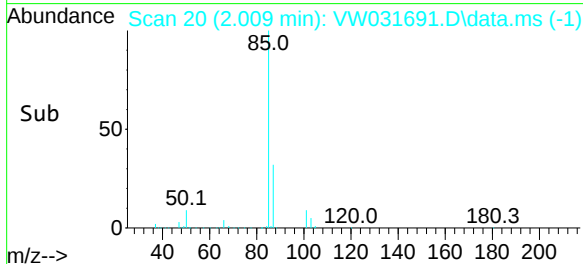
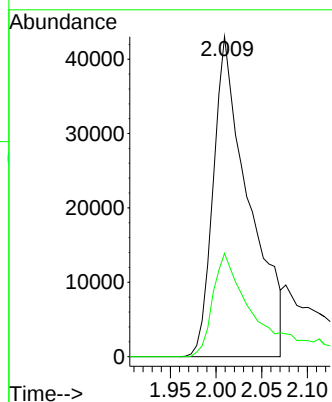
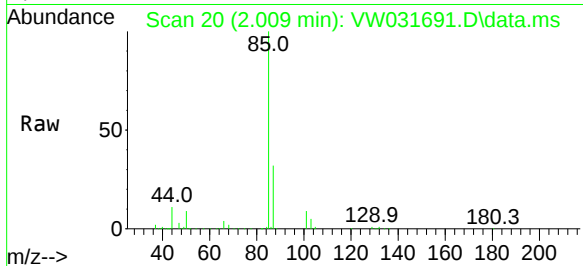




#2
 Dichlorodifluoromethane
 Concen: 26.754 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031691.D
 Acq: 04 Feb 2025 16:36

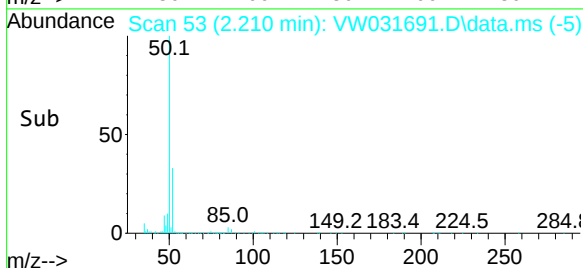
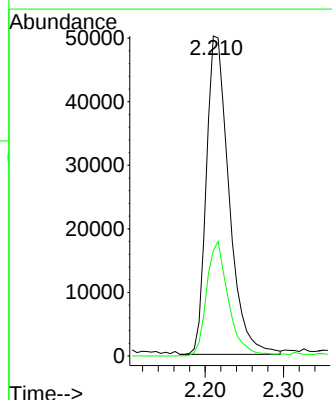
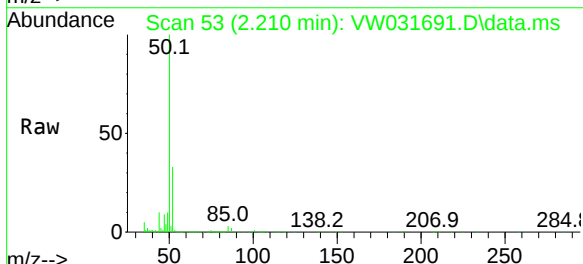
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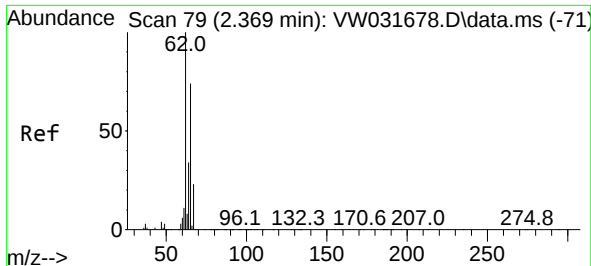
Tgt Ion: 85 Resp: 115918
 Ion Ratio Lower Upper
 85 100
 87 31.4 19.6 29.4#



#3
 Chloromethane
 Concen: 24.418 ug/L
 RT: 2.210 min Scan# 53
 Delta R.T. -0.006 min
 Lab File: VW031691.D
 Acq: 04 Feb 2025 16:36

Tgt Ion: 50 Resp: 100857
 Ion Ratio Lower Upper
 50 100
 52 33.0 24.6 45.8

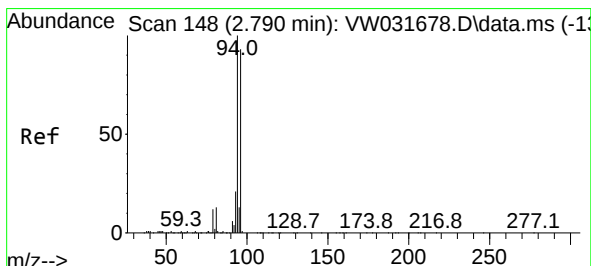
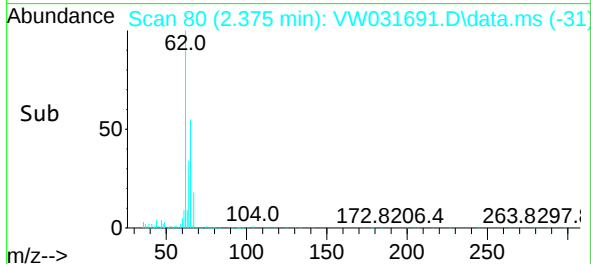
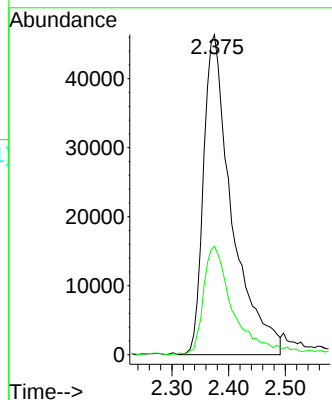
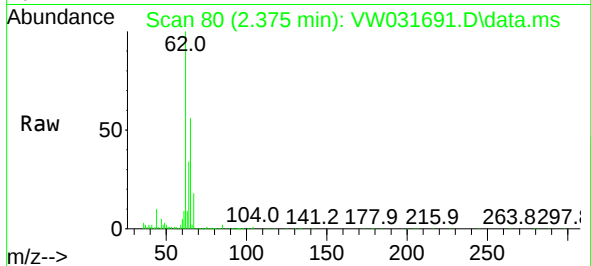




#5
 Vinyl chloride
 Concen: 28.317 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW031691.D
 Acq: 04 Feb 2025 16:36

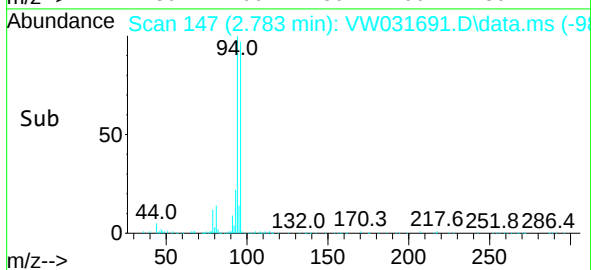
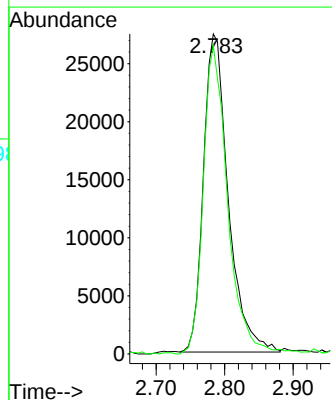
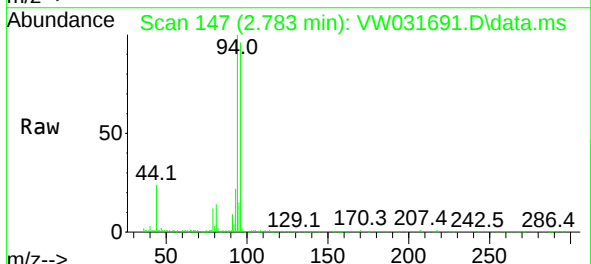
Instrument :
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 ClientSampleId :

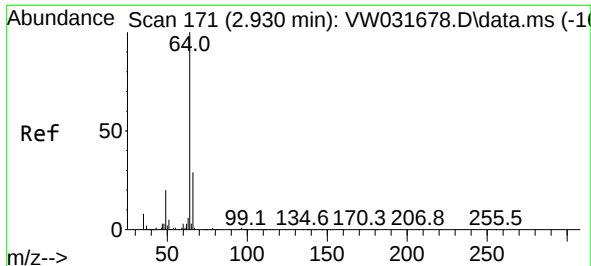
Tgt Ion: 62 Resp: 161101
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.8 44.2



#6
 Bromomethane
 Concen: 26.793 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW031691.D
 Acq: 04 Feb 2025 16:36

Tgt Ion: 94 Resp: 69256
 Ion Ratio Lower Upper
 94 100
 96 96.3 61.2 113.6

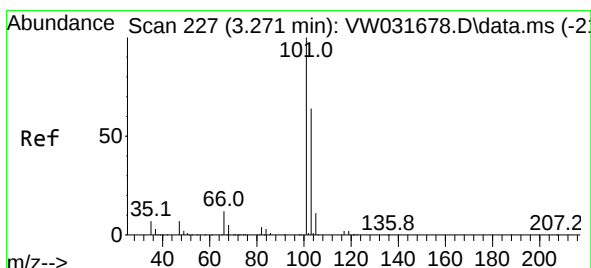
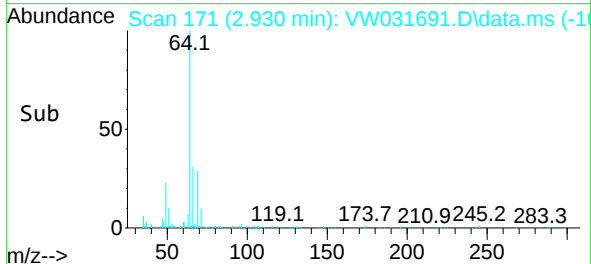
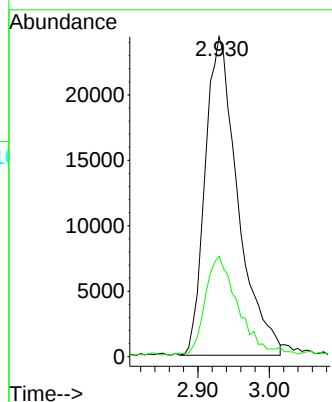
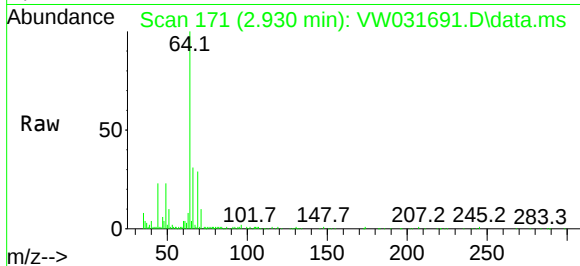




#8
Chloroethane
Concen: 27.903 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

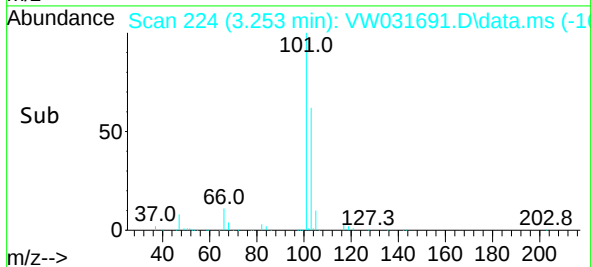
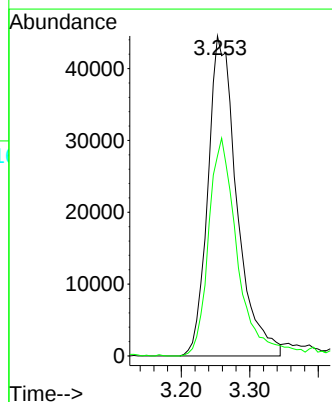
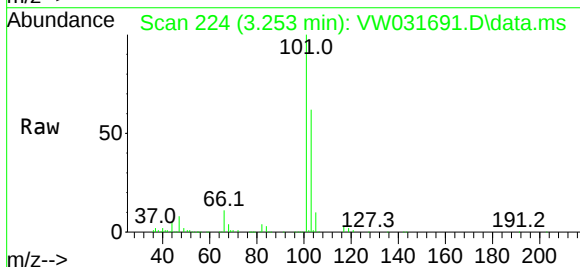
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MSVOA_W
ClientSampleId :

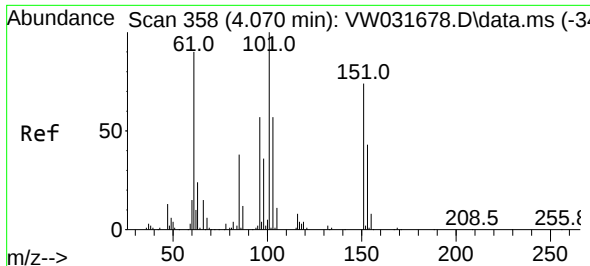
Tgt Ion: 64 Resp: 77315
Ion Ratio Lower Upper
64 100
66 31.3 24.7 45.9



#9
Trichlorofluoromethane
Concen: 29.397 ug/L
RT: 3.253 min Scan# 224
Delta R.T. -0.012 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

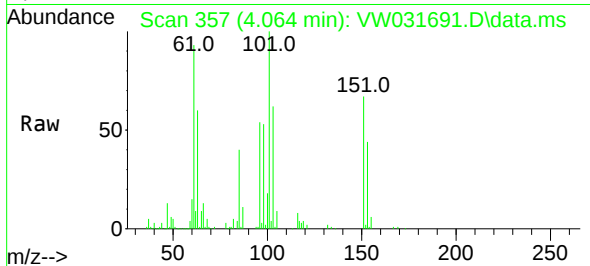
Tgt Ion: 101 Resp: 130885
Ion Ratio Lower Upper
101 100
103 68.0 51.3 76.9



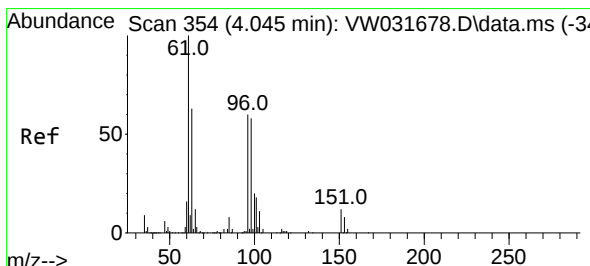
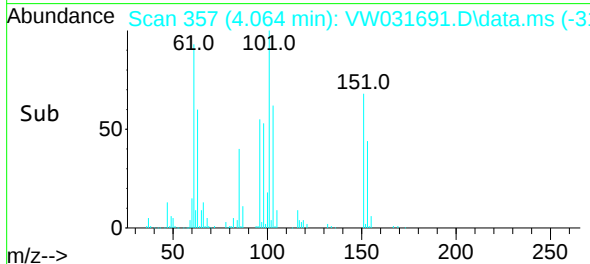
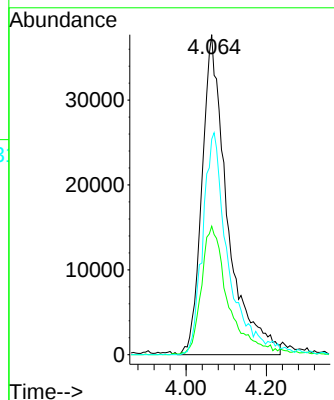


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 33.019 ug/L
 RT: 4.064 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW031691.D
 Acq: 04 Feb 2025 16:36

Instrument :
 MSVOA_W
 ClientSampleId :

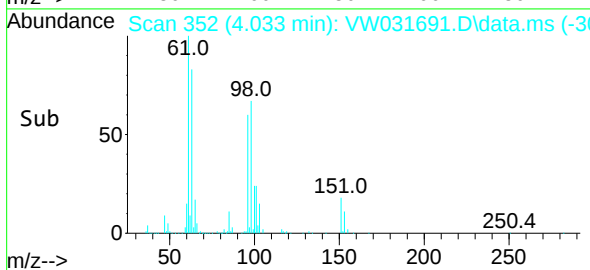
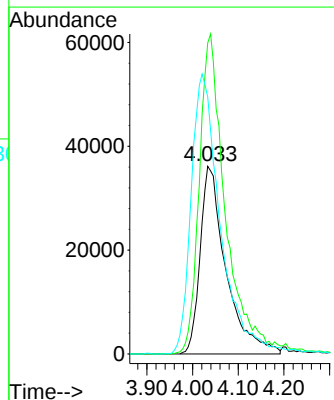
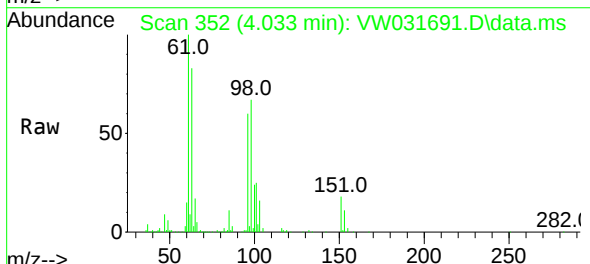


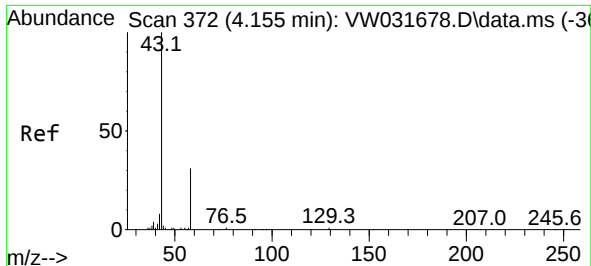
Tgt Ion:101 Resp: 165686
 Ion Ratio Lower Upper
 101 100
 85 41.3 36.3 54.5
 151 63.6 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 29.326 ug/L
 RT: 4.033 min Scan# 352
 Delta R.T. -0.012 min
 Lab File: VW031691.D
 Acq: 04 Feb 2025 16:36

Tgt Ion: 96 Resp: 141827
 Ion Ratio Lower Upper
 96 100
 61 165.7 117.5 218.3
 63 136.9 86.5 160.7

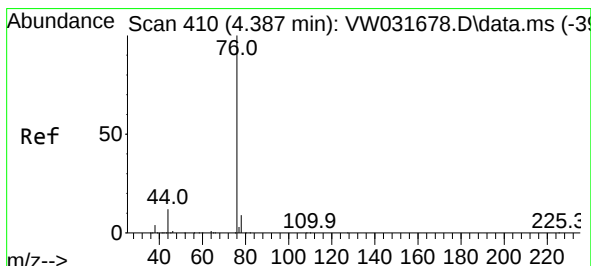
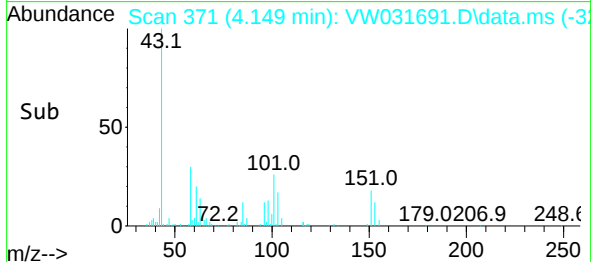
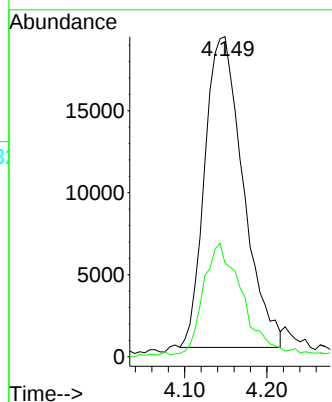
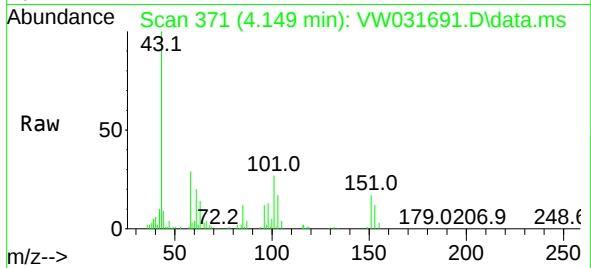




#13
Acetone
Concen: 50.694 ug/L
RT: 4.149 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

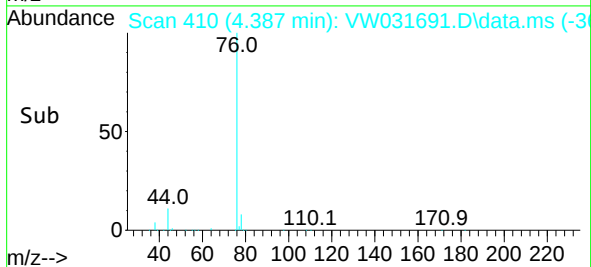
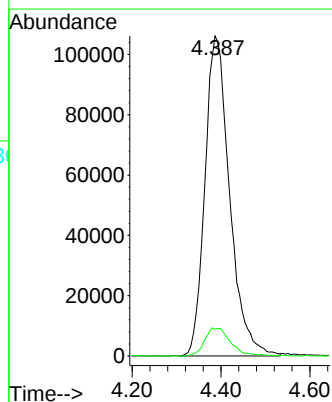
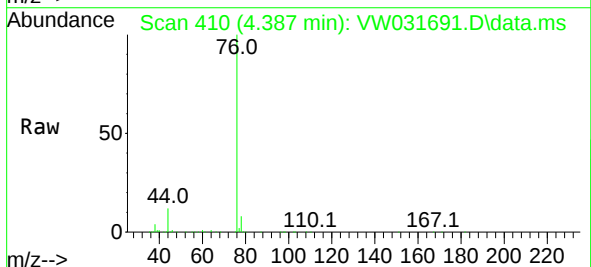
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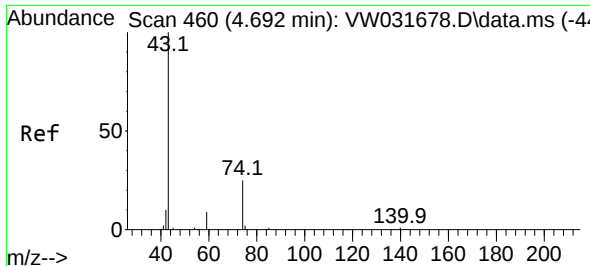
Tgt Ion: 43 Resp: 61451
Ion Ratio Lower Upper
43 100
58 33.2 0.0 70.2



#14
Carbon disulfide
Concen: 27.837 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Acq: 04 Feb 2025 16:36

Tgt Ion: 76 Resp: 410307
Ion Ratio Lower Upper
76 100
78 8.3 6.6 9.8

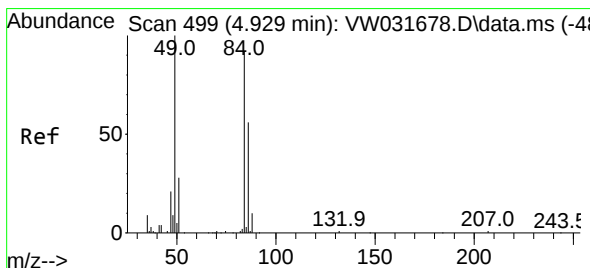
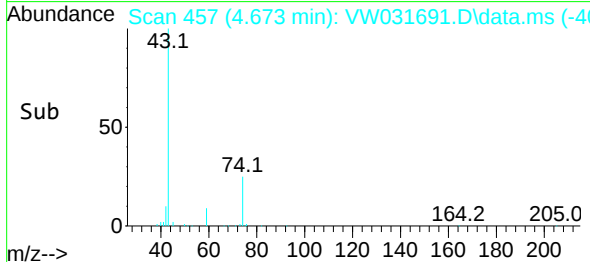
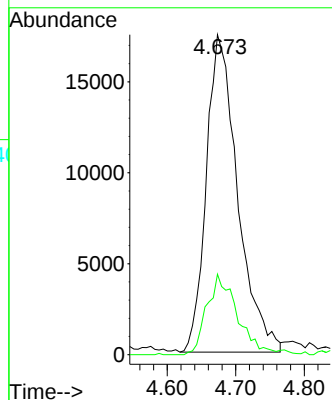
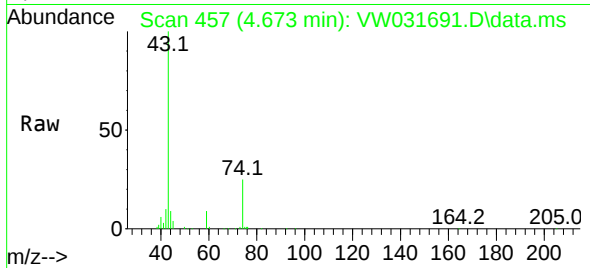




#15
Methyl Acetate
Concen: 26.028 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

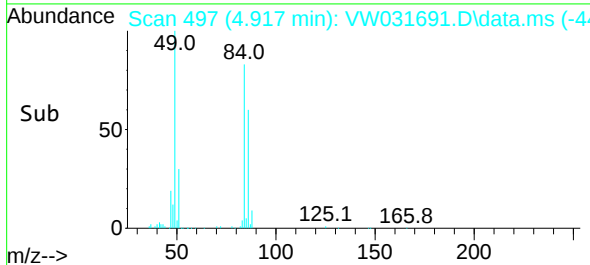
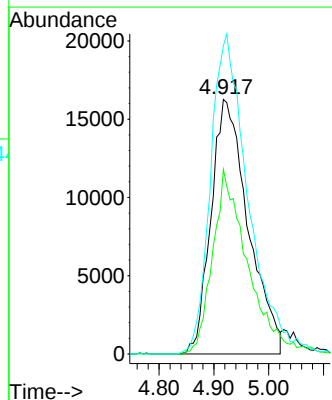
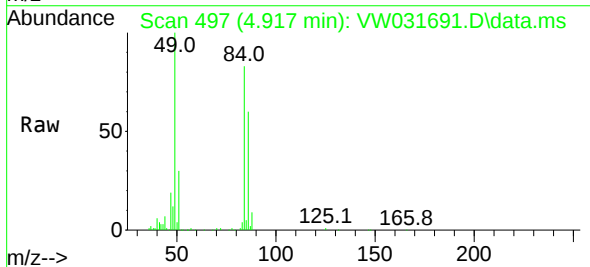
Instrument :
MSVOA_W
ClientSampleId :

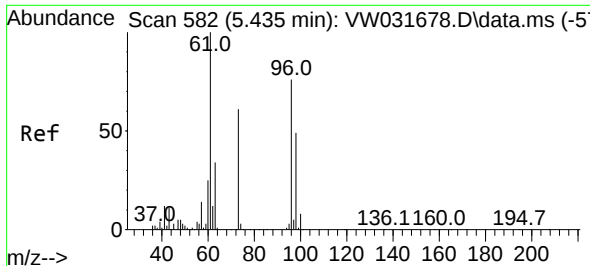
Tgt Ion: 43 Resp: 55446
Ion Ratio Lower Upper
43 100
74 15.0 0.0 0.0#



#16
Methylene chloride
Concen: 23.773 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

Tgt Ion: 84 Resp: 76438
Ion Ratio Lower Upper
84 100
86 72.5 40.9 76.0
49 121.0 78.9 146.5





#17

trans-1,2-Dichloroethene

Concen: 27.256 ug/L

RT: 5.423 min Scan# 51

Delta R.T. -0.006 min

Lab File: VW031691.D

Acq: 04 Feb 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

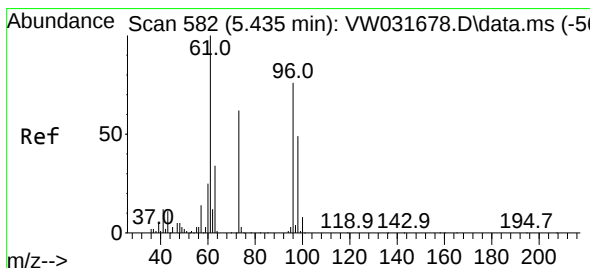
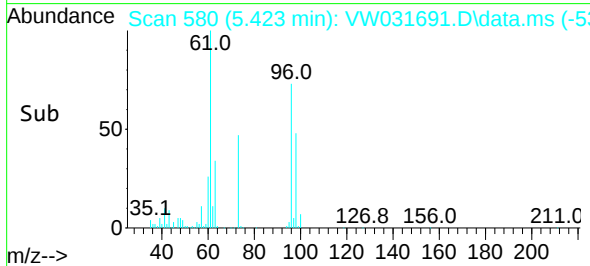
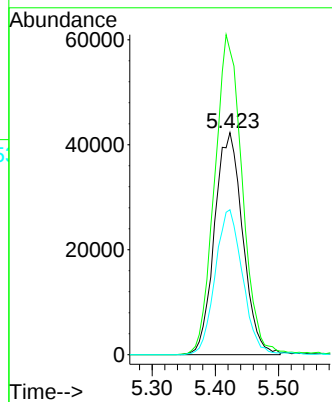
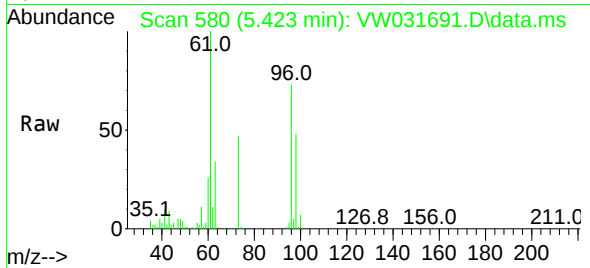
Tgt Ion: 96 Resp: 130942

Ion Ratio Lower Upper

96 100

61 137.0 90.3 167.7

98 65.3 43.0 80.0



#18

Methyl tert-butyl Ether

Concen: 23.296 ug/L

RT: 5.417 min Scan# 579

Delta R.T. -0.006 min

Lab File: VW031691.D

Acq: 04 Feb 2025 16:36

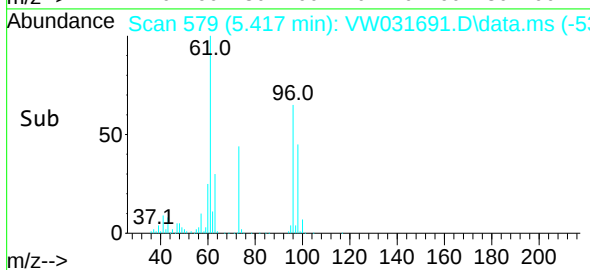
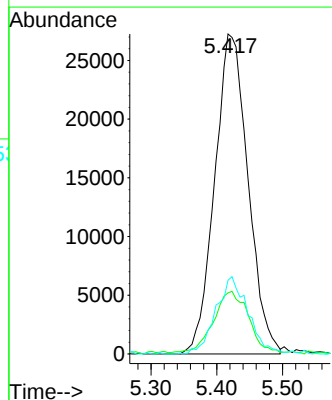
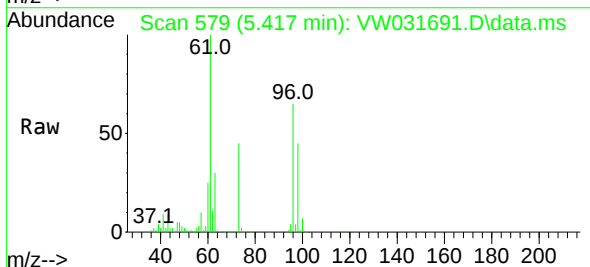
Tgt Ion: 73 Resp: 96111

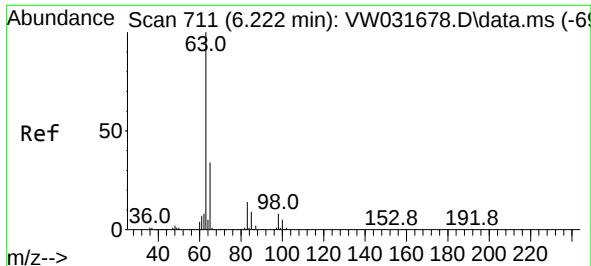
Ion Ratio Lower Upper

73 100

43 21.1 15.4 23.2

57 23.2 18.2 27.2





#19

1,1-Dichloroethane

Concen: 27.452 ug/L

RT: 6.210 min Scan# 709

Delta R.T. -0.012 min

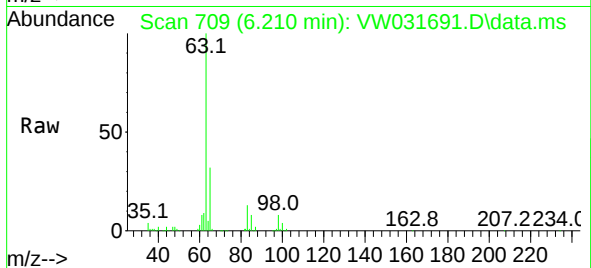
Lab File: VW031691.D

Acq: 04 Feb 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :



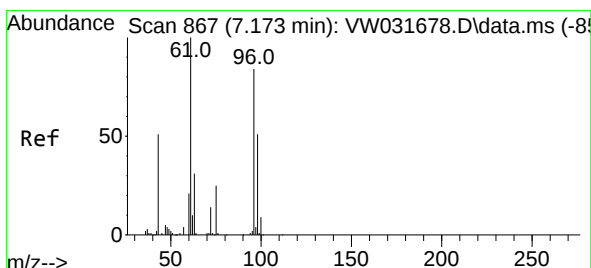
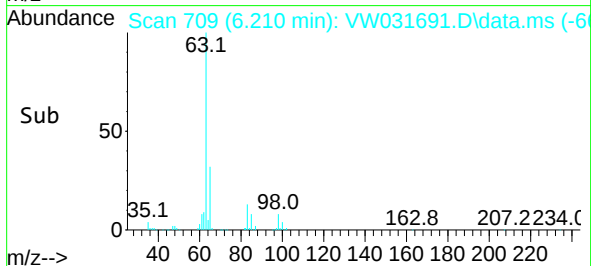
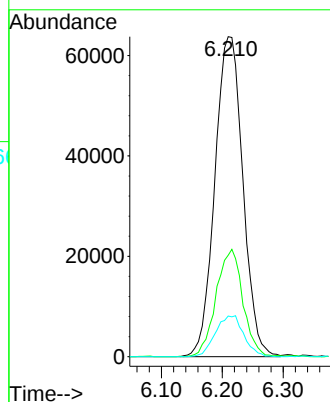
Tgt Ion: 63 Resp: 203790

Ion Ratio Lower Upper

63 100

65 31.7 21.6 40.2

83 12.7 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 26.046 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031691.D

Acq: 04 Feb 2025 16:36

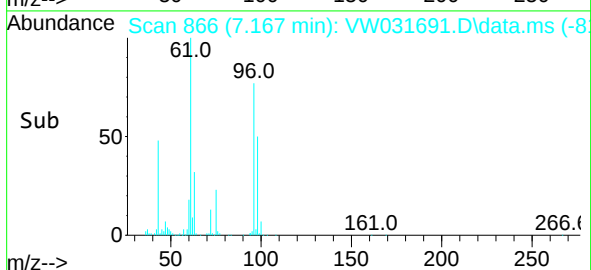
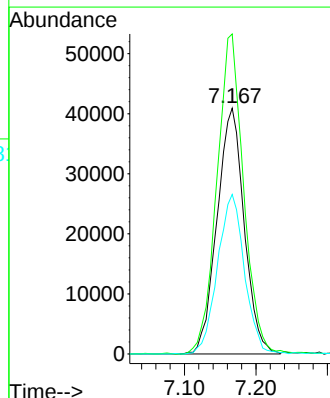
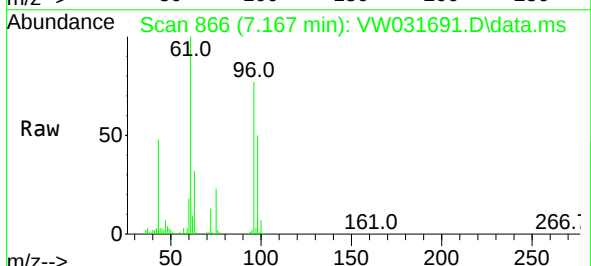
Tgt Ion: 96 Resp: 107903

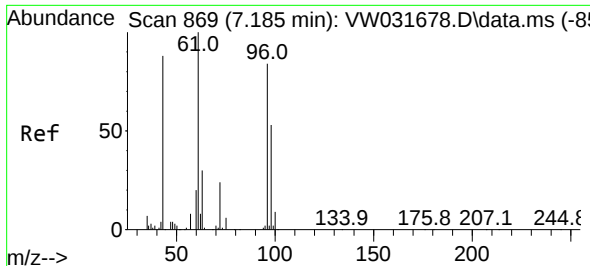
Ion Ratio Lower Upper

96 100

61 130.2 87.4 162.4

98 64.9 44.4 82.4

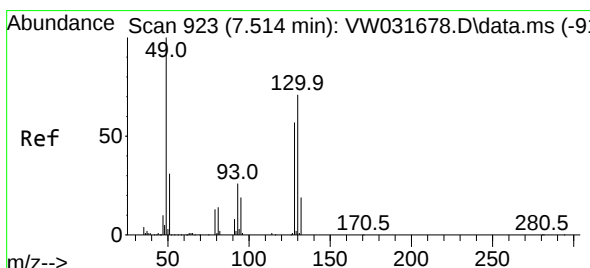
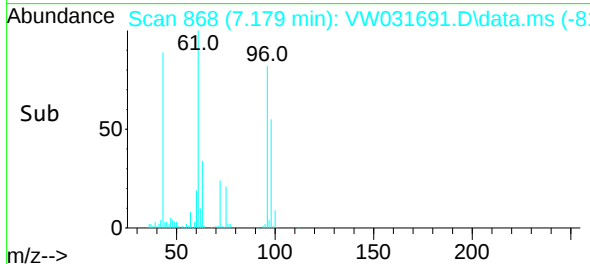
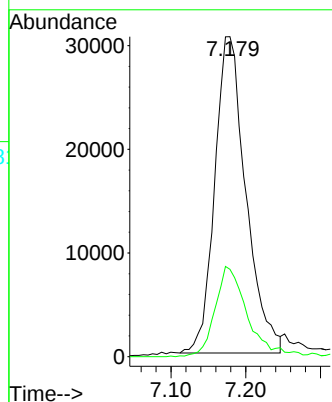
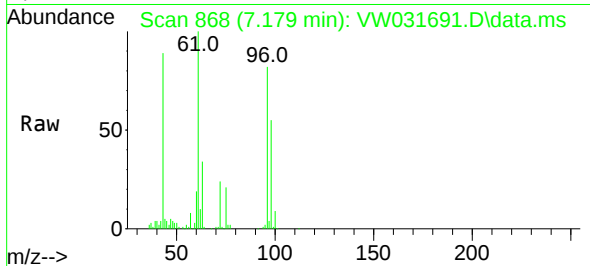




#22
2-Butanone
Concen: 49.062 ug/L
RT: 7.179 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

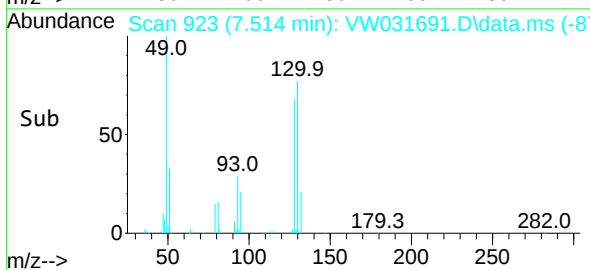
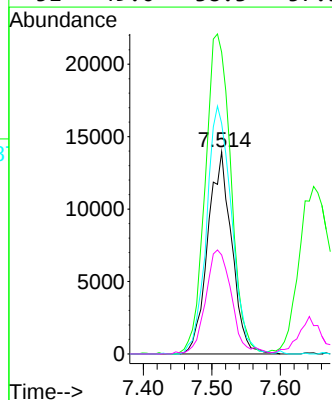
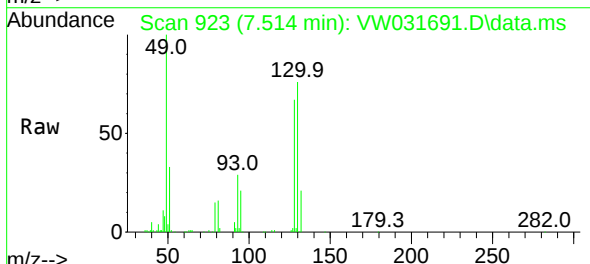
Instrument :
MSVOA_W
ClientSampleId :

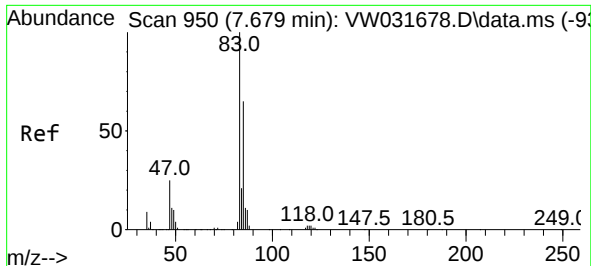
Tgt Ion: 43 Resp: 88509
Ion Ratio Lower Upper
43 100
72 28.0 13.8 41.4



#23
Bromochloromethane
Concen: 25.185 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

Tgt Ion: 128 Resp: 33811
Ion Ratio Lower Upper
128 100
49 149.2 112.2 208.4
130 114.1 85.9 159.5
51 49.0 38.3 57.5

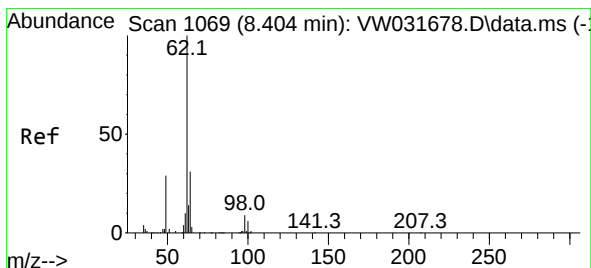
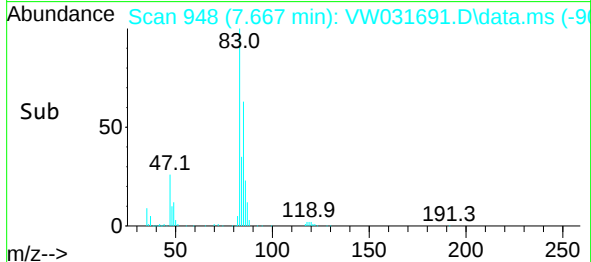
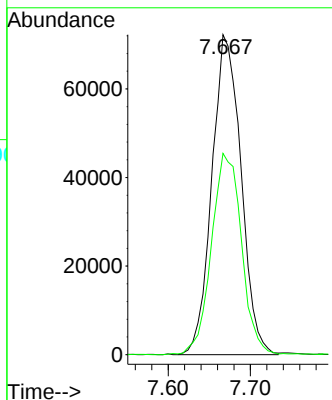
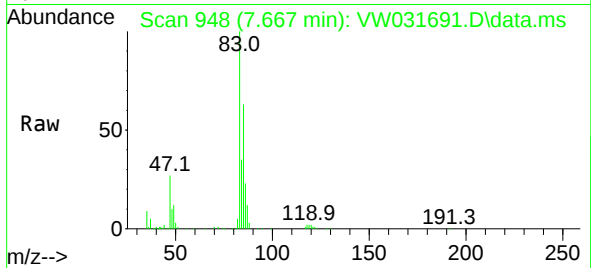




#25
Chloroform
Concen: 26.879 ug/L
RT: 7.667 min Scan# 948
Delta R.T. -0.006 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

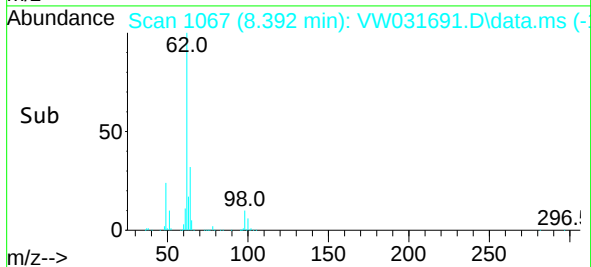
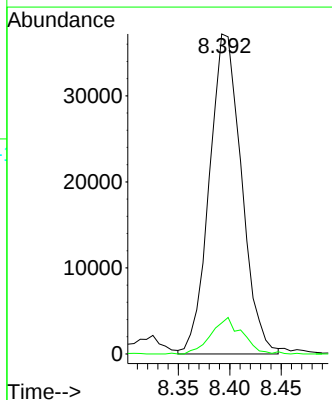
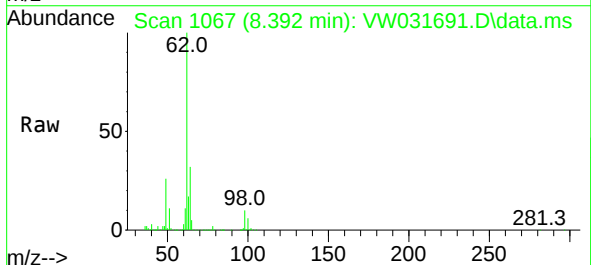
Instrument :
MSVOA_W
ClientSampleId :

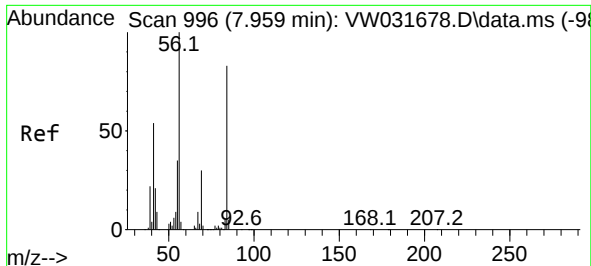
Tgt Ion: 83 Resp: 177577
Ion Ratio Lower Upper
83 100
85 62.9 48.4 89.8



#27
1,2-Dichloroethane
Concen: 25.295 ug/L
RT: 8.392 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

Tgt Ion: 62 Resp: 80821
Ion Ratio Lower Upper
62 100
98 9.7 8.3 12.5

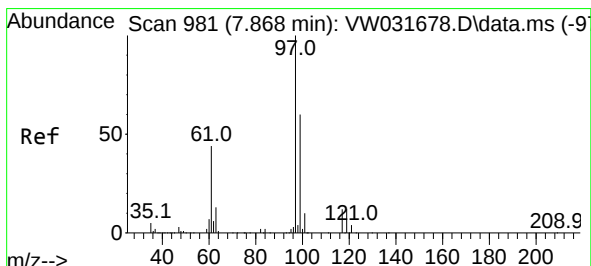
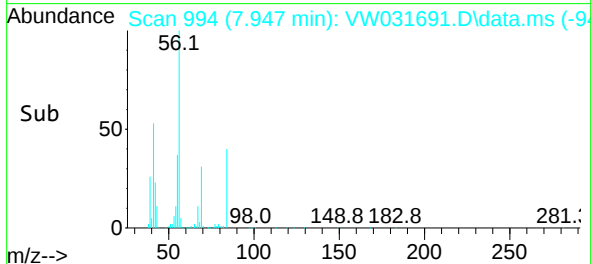
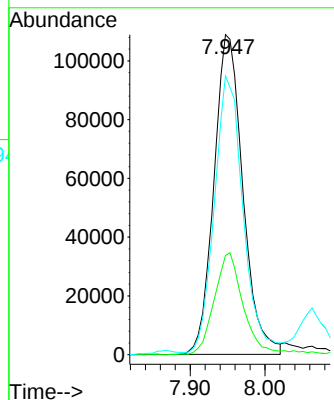
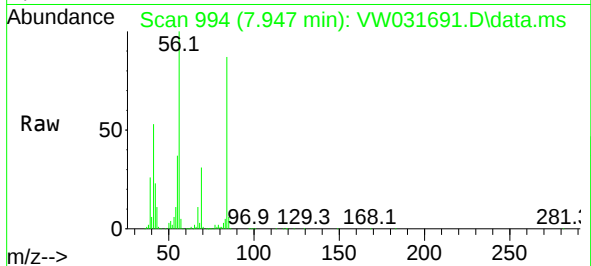




#29
Cyclohexane
Concen: 29.748 ug/L
RT: 7.947 min Scan# 994
Delta R.T. -0.006 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

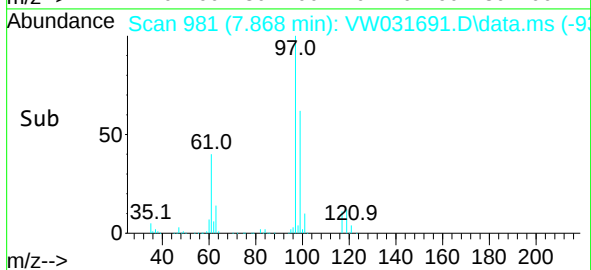
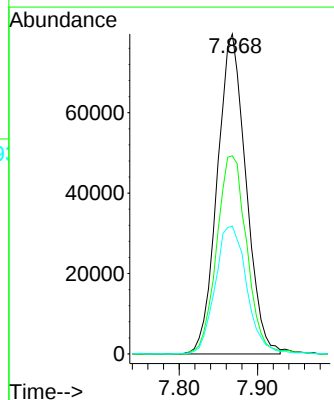
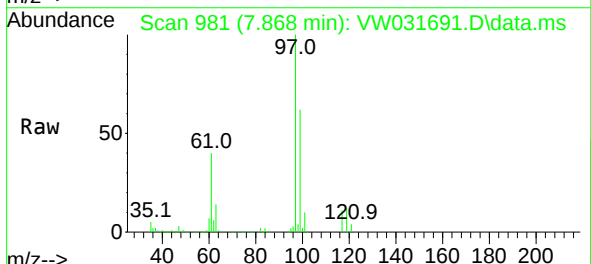
Instrument :
MSVOA_W
ClientSampleId :

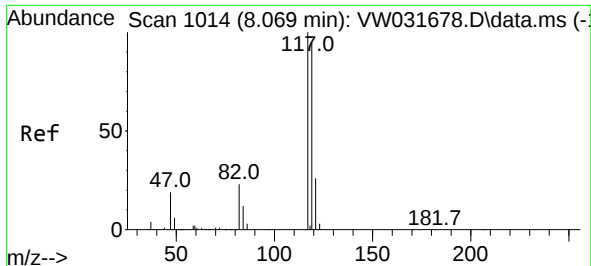
Tgt Ion: 56 Resp: 293028
Ion Ratio Lower Upper
56 100
69 30.9 24.2 36.4
84 85.7 67.8 101.8



#30
1,1,1-Trichloroethane
Concen: 29.791 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

Tgt Ion: 97 Resp: 202839
Ion Ratio Lower Upper
97 100
99 64.3 52.6 79.0
61 43.8 35.4 53.2

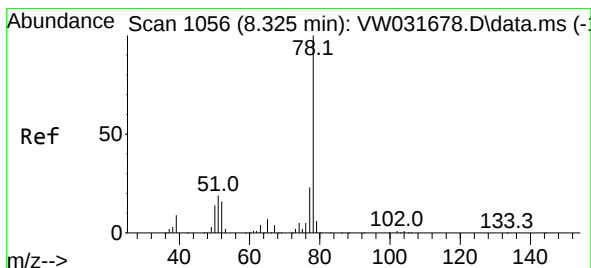
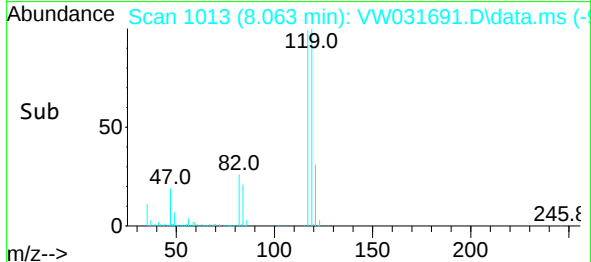
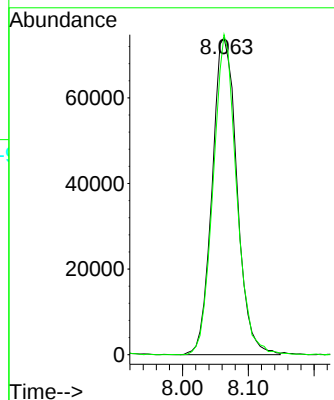
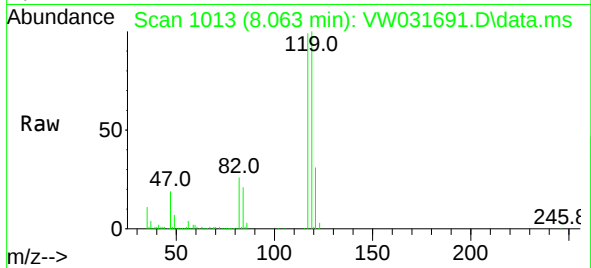




#31
Carbon tetrachloride
Concen: 30.341 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

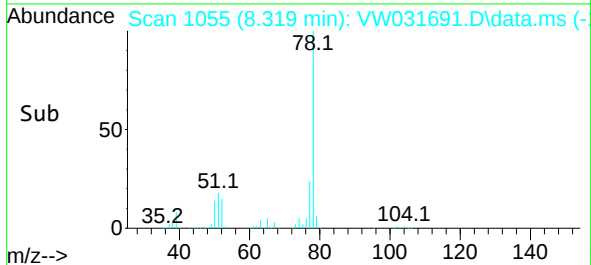
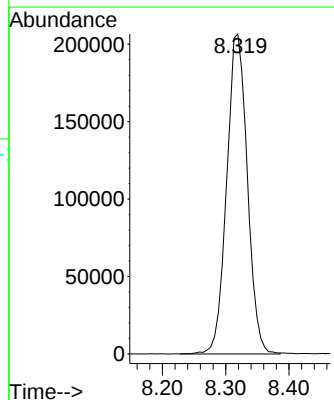
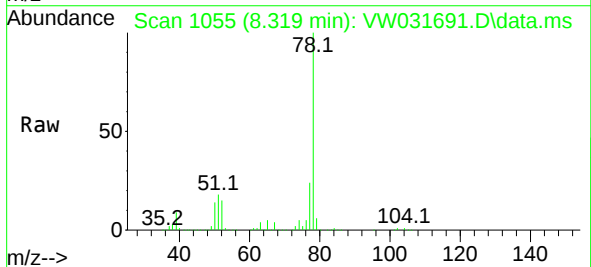
Instrument :
MSVOA_W
ClientSampleId :

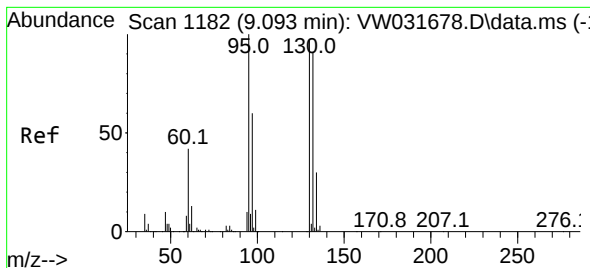
Tgt Ion:117 Resp: 194167
Ion Ratio Lower Upper
117 100
119 94.9 75.7 113.5



#33
Benzene
Concen: 27.292 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

Tgt Ion: 78 Resp: 468368





#34

Trichloroethene

Concen: 27.594 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031691.D

Acq: 04 Feb 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 139687

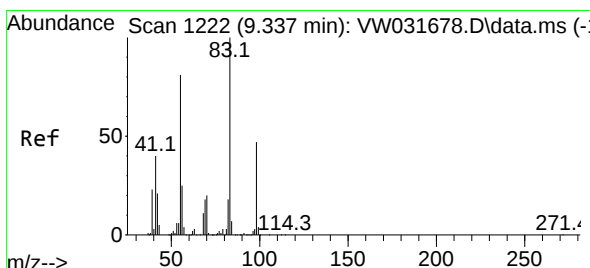
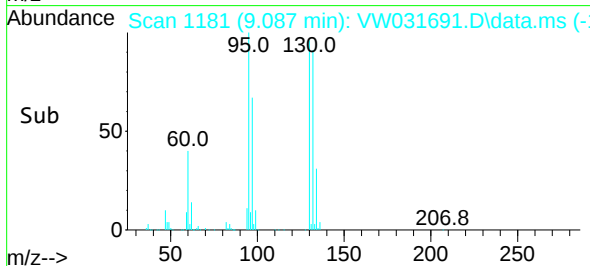
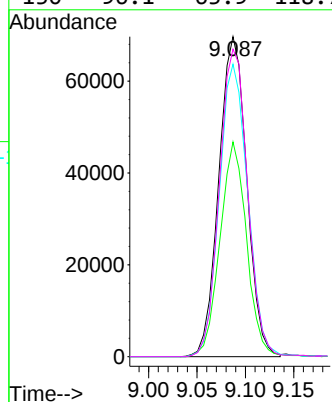
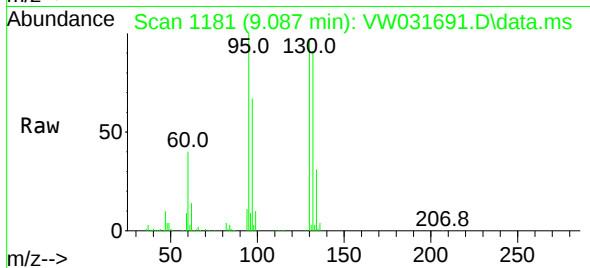
Ion Ratio Lower Upper

95 100

97 67.1 41.9 77.7

132 91.4 63.3 117.7

130 96.1 63.9 118.7



#35

Methylcyclohexane

Concen: 31.049 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031691.D

Acq: 04 Feb 2025 16:36

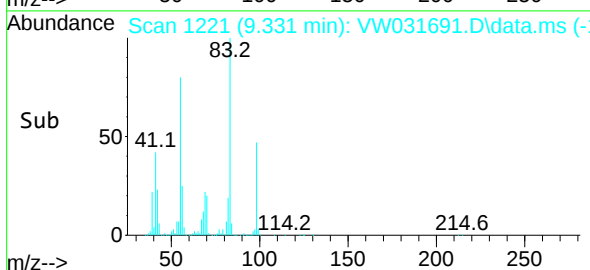
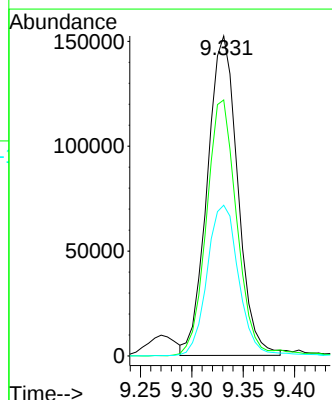
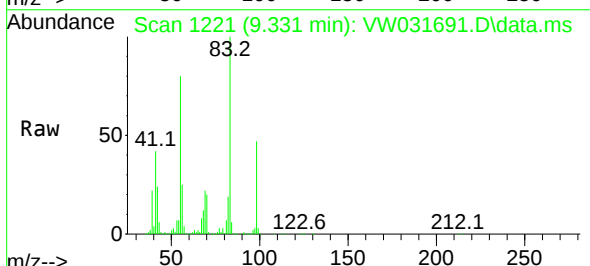
Tgt Ion: 83 Resp: 313602

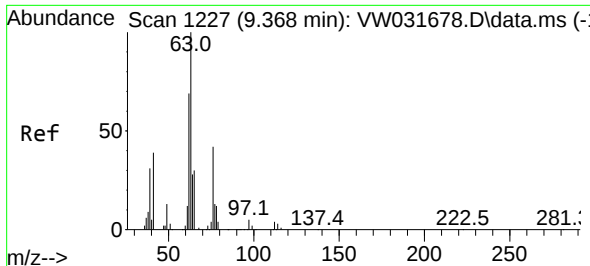
Ion Ratio Lower Upper

83 100

55 79.3 61.5 92.3

98 49.4 38.2 57.2





#37

1,2-Dichloropropane

Concen: 26.598 ug/L

RT: 9.362 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031691.D

Acq: 04 Feb 2025 16:36

Instrument :

MSVOA_W

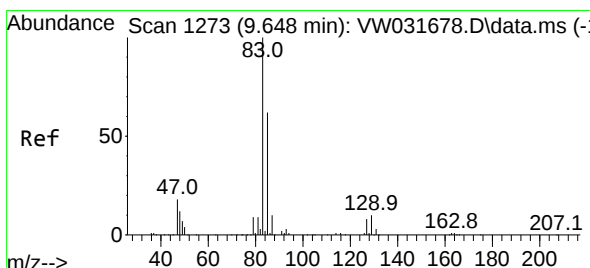
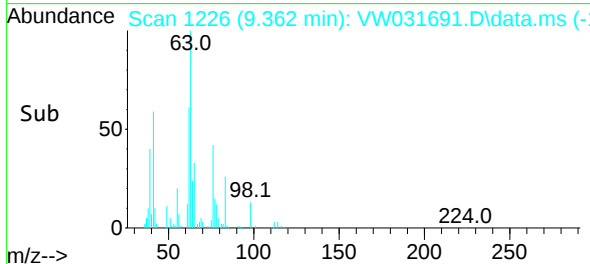
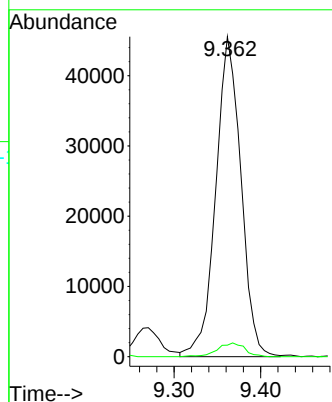
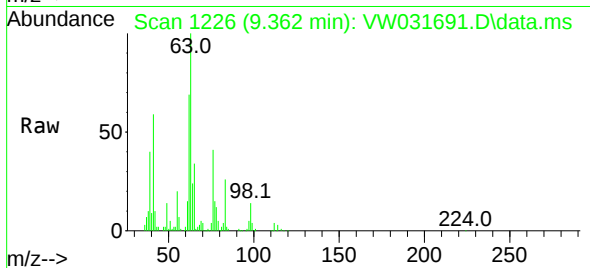
ClientSampleId :

Tgt Ion: 63 Resp: 91915

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 26.551 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031691.D

Acq: 04 Feb 2025 16:36

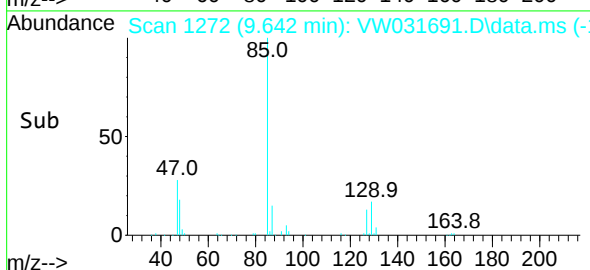
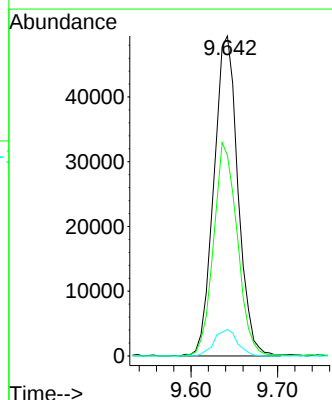
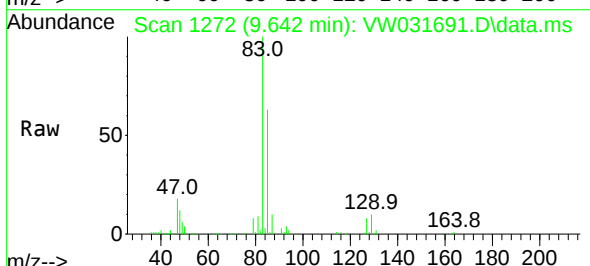
Tgt Ion: 83 Resp: 95548

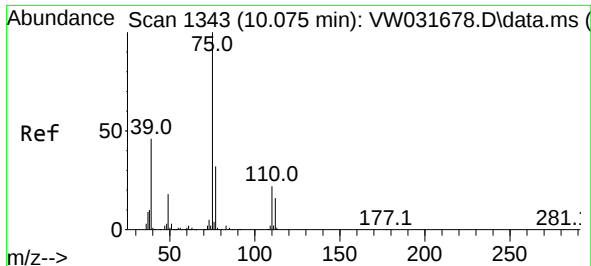
Ion Ratio Lower Upper

83 100

85 62.7 44.2 82.0

127 8.2 5.5 8.3

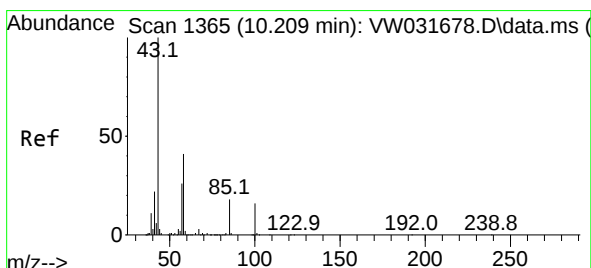
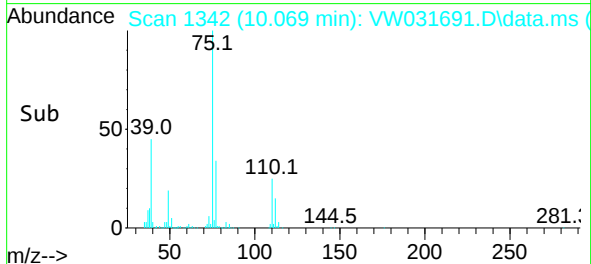
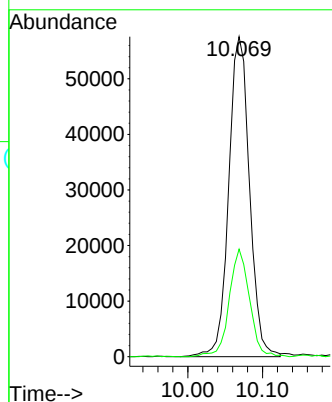
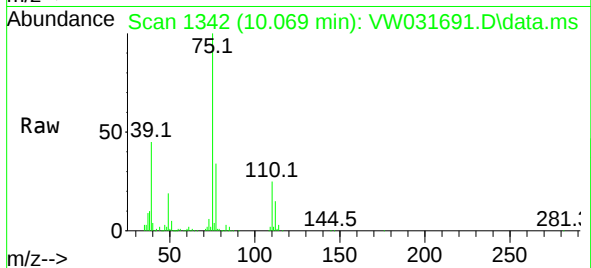




#39
 cis-1,3-Dichloropropene
 Concen: 25.925 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW031691.D
 Acq: 04 Feb 2025 16:36

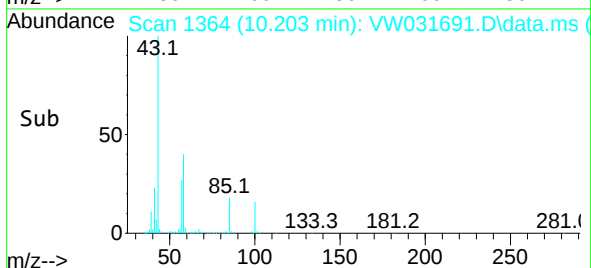
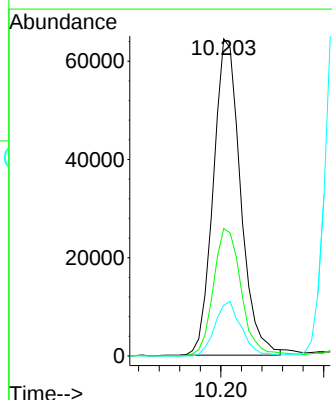
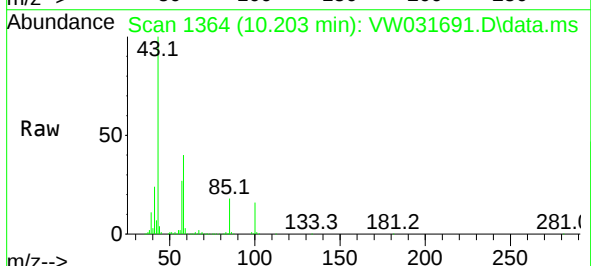
Instrument :
 MSVOA_W
 ClientSampleId :

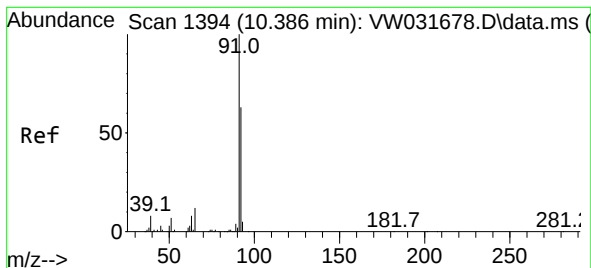
Tgt Ion: 75 Resp: 111304
 Ion Ratio Lower Upper
 75 100
 77 33.6 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 51.688 ug/L
 RT: 10.203 min Scan# 1364
 Delta R.T. 0.000 min
 Lab File: VW031691.D
 Acq: 04 Feb 2025 16:36

Tgt Ion: 43 Resp: 118167
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.5 50.3
 100 16.8 12.9 19.3





#42

Toluene

Concen: 27.431 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031691.D

Acq: 04 Feb 2025 16:36

Instrument :

MSVOA_W

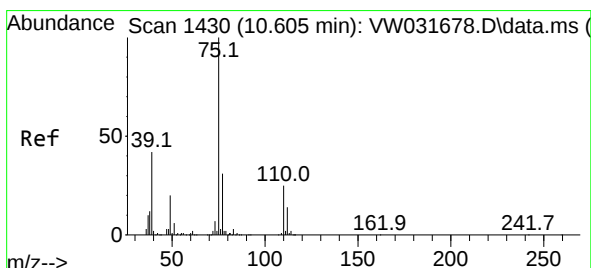
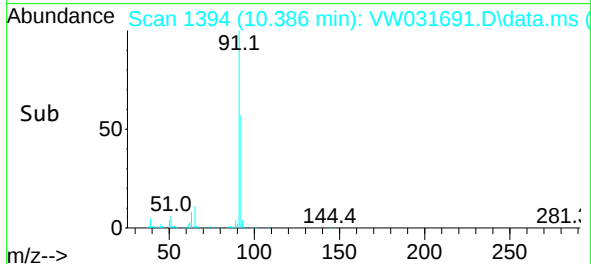
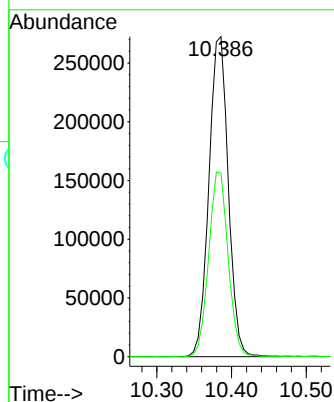
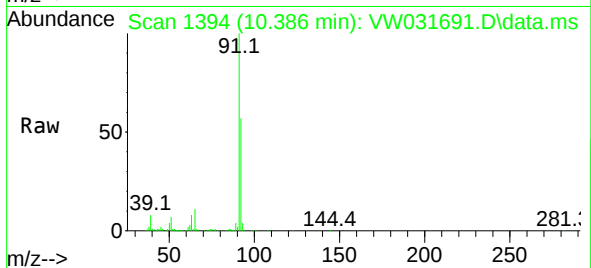
ClientSampleId :

Tgt Ion: 91 Resp: 491283

Ion Ratio Lower Upper

91 100

92 57.3 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 25.373 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031691.D

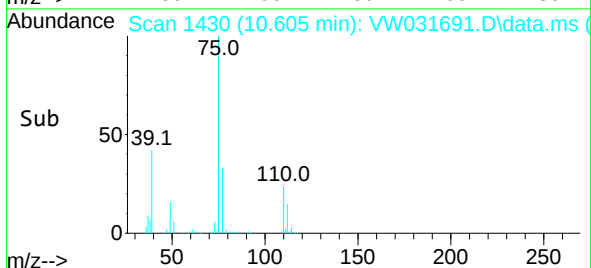
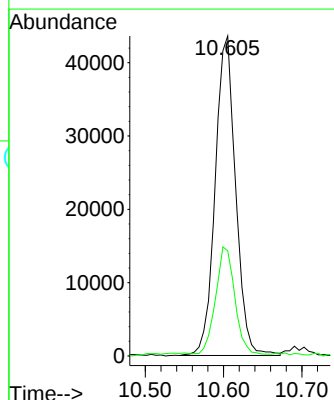
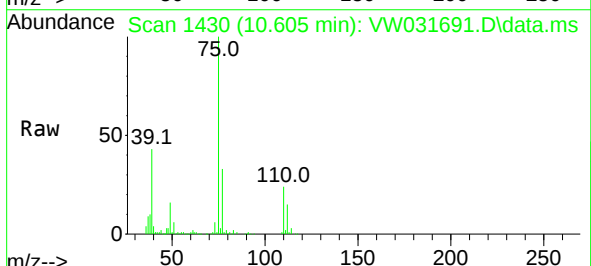
Acq: 04 Feb 2025 16:36

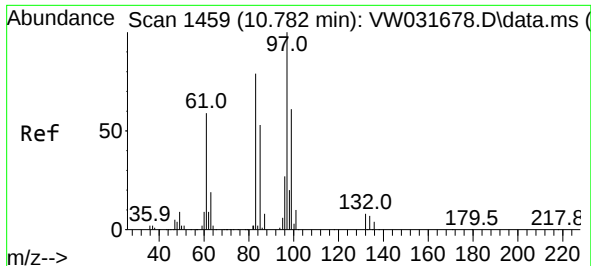
Tgt Ion: 75 Resp: 79251

Ion Ratio Lower Upper

75 100

77 32.8 22.1 41.1

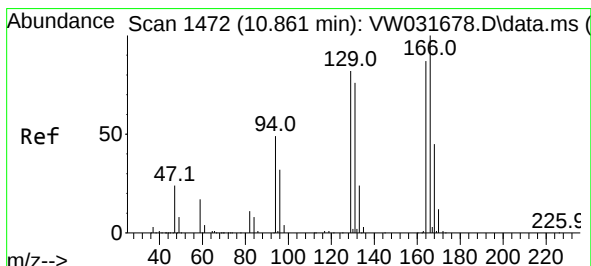
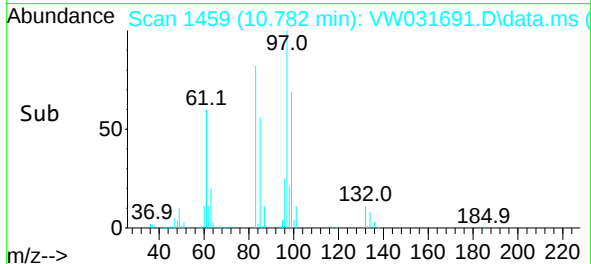
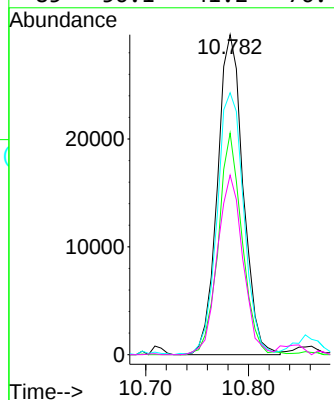
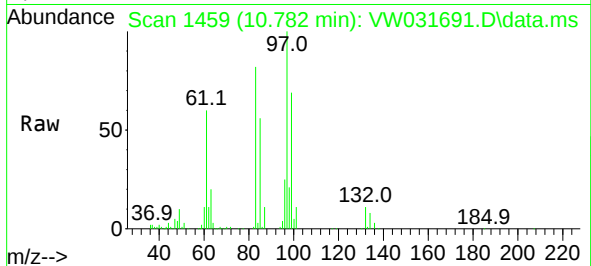




#45
1,1,2-Trichloroethane
Concen: 24.893 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

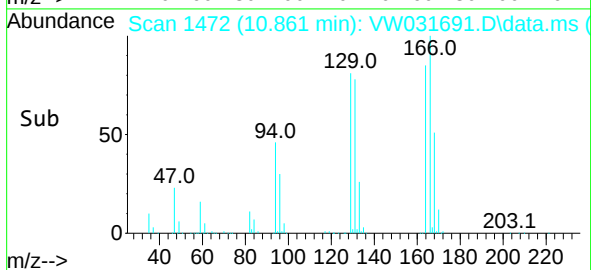
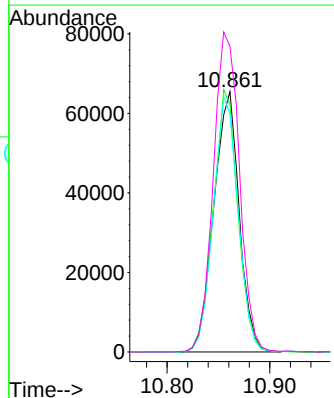
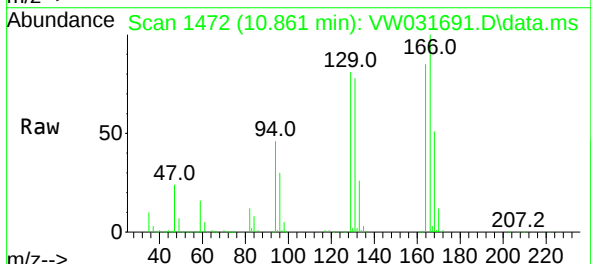
Instrument :
MSVOA_W
ClientSampleId :

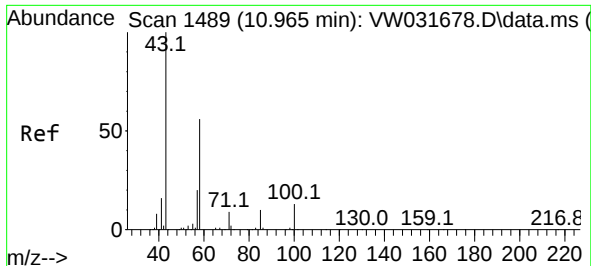
Tgt Ion: 97	Resp: 51464
Ion Ratio	Lower Upper
97 100	
99 69.2	44.9 83.5
83 81.8	60.7 112.7
85 56.1	41.2 76.4



#46
Tetrachloroethene
Concen: 29.680 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

Tgt	Ion:164	Resp:	111707
Ion	Ratio	Lower	Upper
164	100		
129	95.0	68.5	127.3
131	91.4	65.9	122.5
166	117.4	85.5	158.7

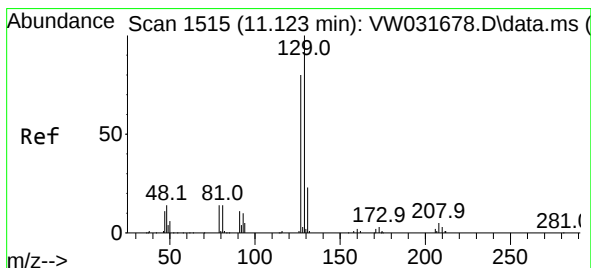
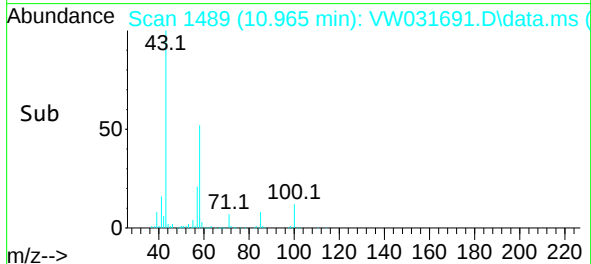
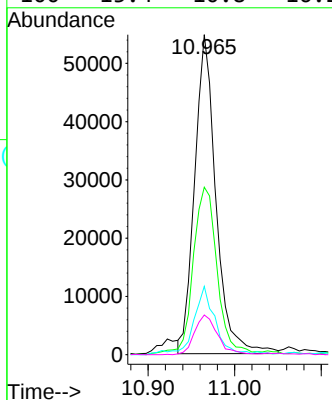
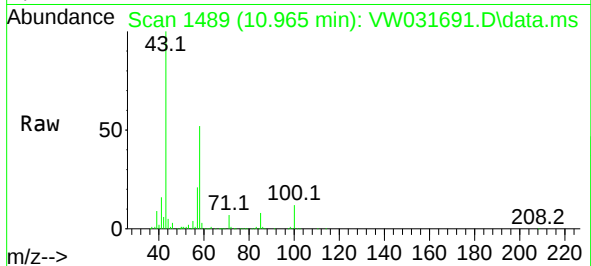




#48
2-Hexanone
Concen: 54.662 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

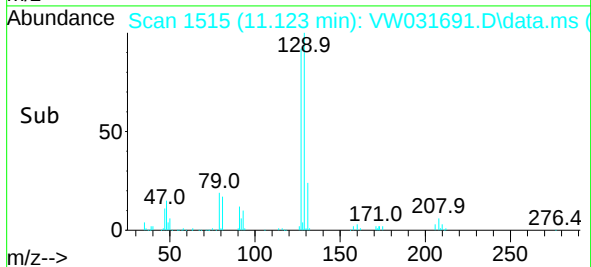
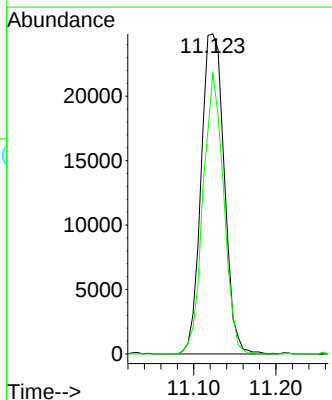
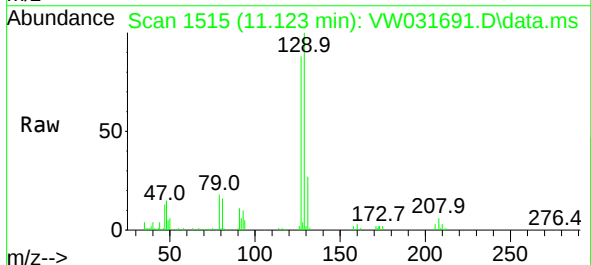
Instrument :
MSVOA_W
ClientSampleId :

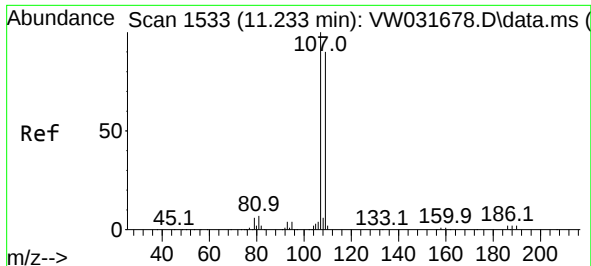
Tgt Ion: 43	Resp: 93885
Ion Ratio	Lower Upper
43 100	
58 57.6	46.0 69.0
57 19.8	16.4 24.6
100 13.4	10.8 16.2



#49
Dibromochloromethane
Concen: 25.358 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

Tgt Ion:129	Resp:	48524	
Ion	Ratio	Lower	Upper
129	100		
127	87.7	56.4	104.7





#50

1,2-Dibromoethane

Concen: 24.552 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

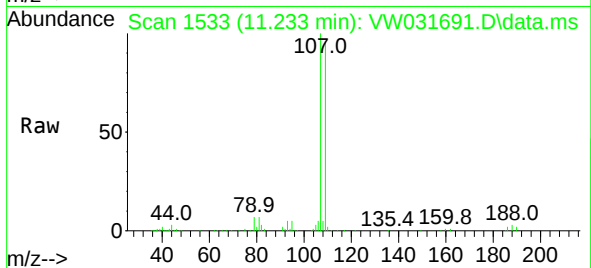
Lab File: VW031691.D

Acq: 04 Feb 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :



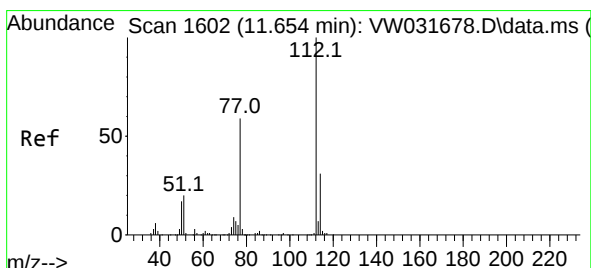
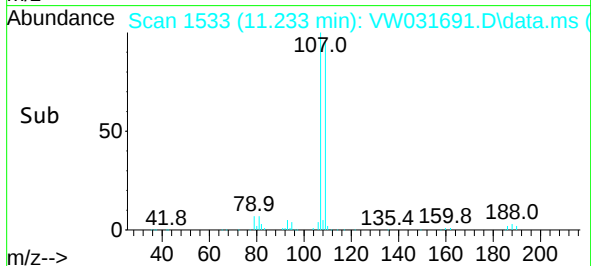
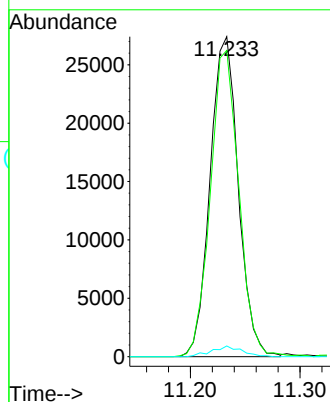
Tgt Ion:107 Resp: 49030

Ion Ratio Lower Upper

107 100

109 95.7 62.9 116.7

188 3.4 3.0 4.4



#51

Chlorobenzene

Concen: 25.918 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031691.D

Acq: 04 Feb 2025 16:36

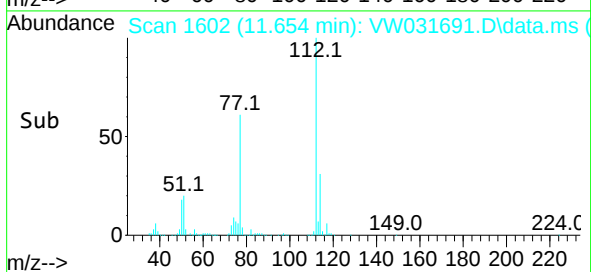
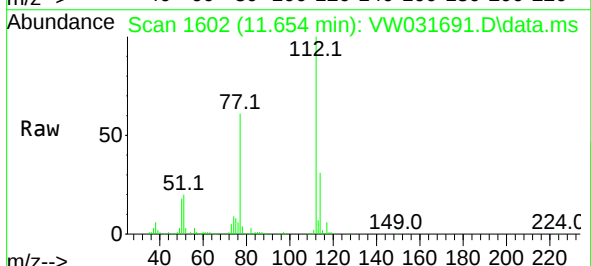
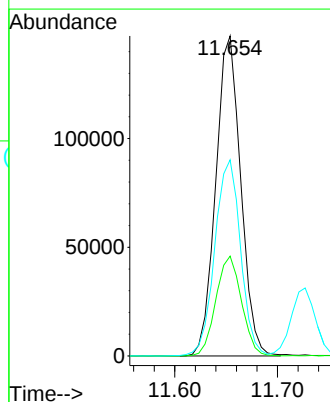
Tgt Ion:112 Resp: 248495

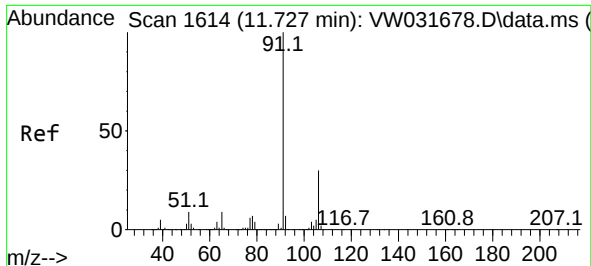
Ion Ratio Lower Upper

112 100

114 31.2 21.1 39.3

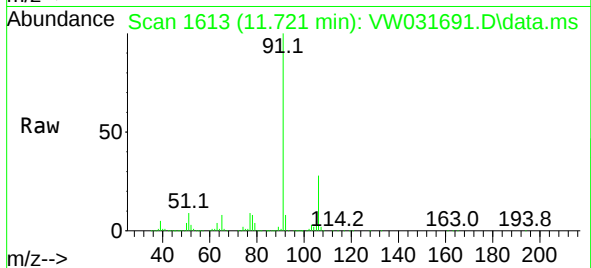
77 61.3 46.6 69.8



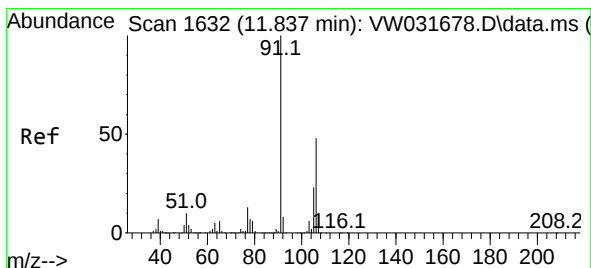
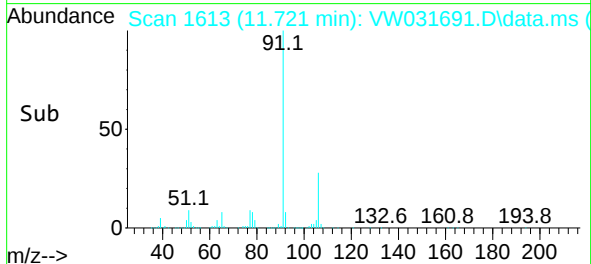
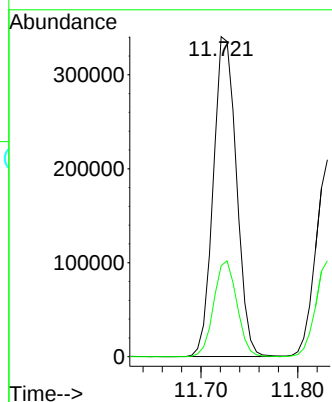


#52
Ethylbenzene
Concen: 27.423 ug/L
RT: 11.721 min Scan# 1613
Delta R.T. -0.006 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

Instrument :
MSVOA_W
ClientSampleId :

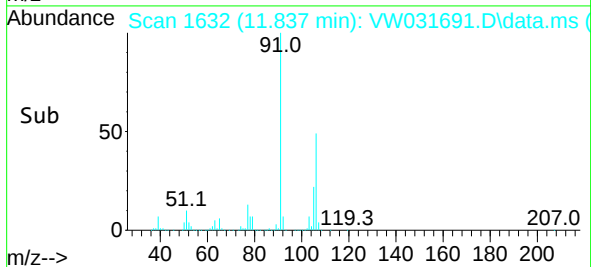
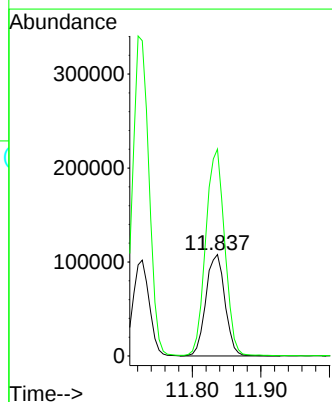
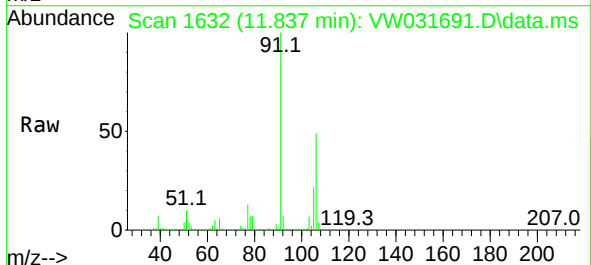


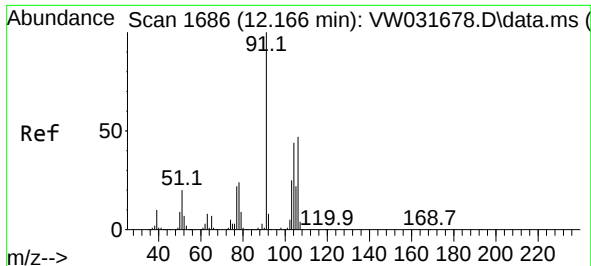
Tgt Ion: 91 Resp: 566440
Ion Ratio Lower Upper
91 100
106 28.4 21.3 39.5



#53
m,p-Xylene
Concen: 28.019 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

Tgt Ion:106 Resp: 209493
Ion Ratio Lower Upper
106 100
91 203.7 147.2 273.4

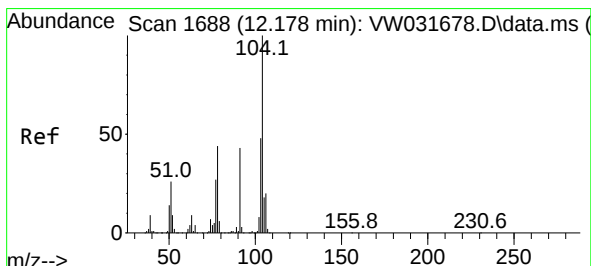
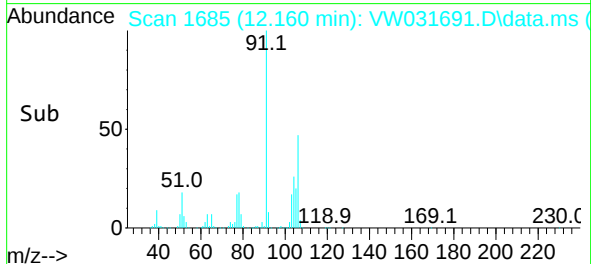
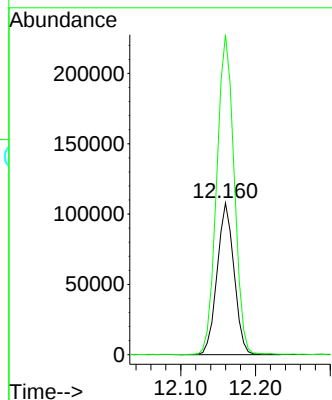
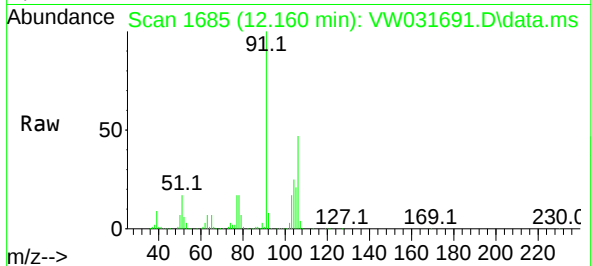




#54
o-Xylene
Concen: 26.601 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

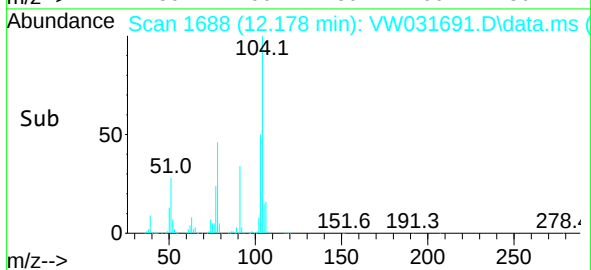
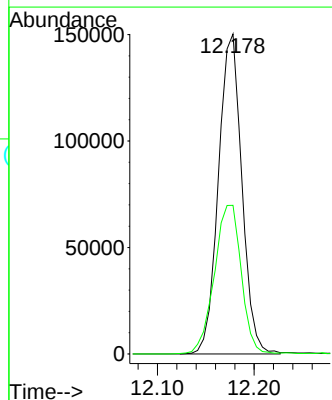
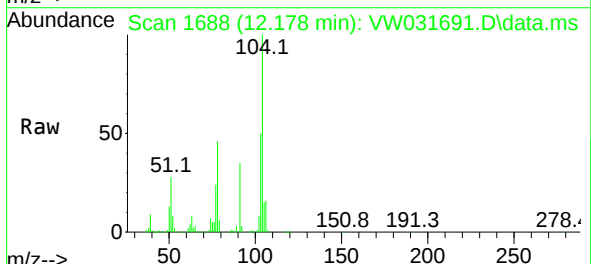
Instrument :
MSVOA_W
ClientSampleId :

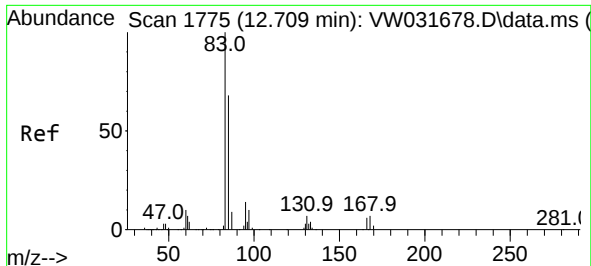
Tgt Ion:106 Resp: 169441
Ion Ratio Lower Upper
106 100
91 211.1 152.7 283.7



#55
Styrene
Concen: 25.676 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

Tgt Ion:104 Resp: 252390
Ion Ratio Lower Upper
104 100
78 46.5 29.0 53.9





#57

1,1,2,2-Tetrachloroethane

Concen: 24.857 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031691.D

Acq: 04 Feb 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

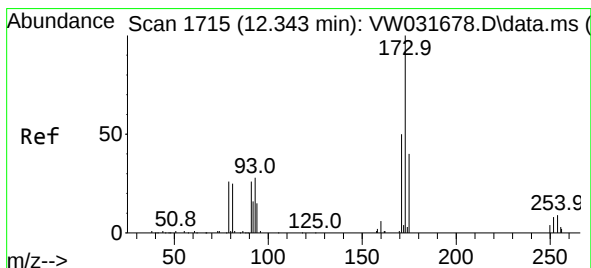
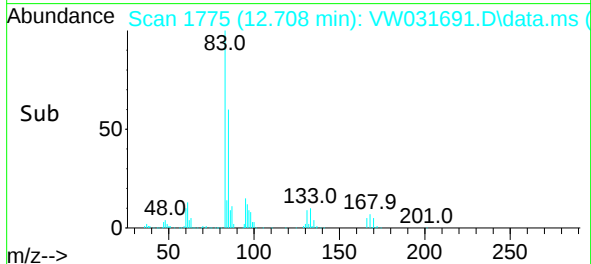
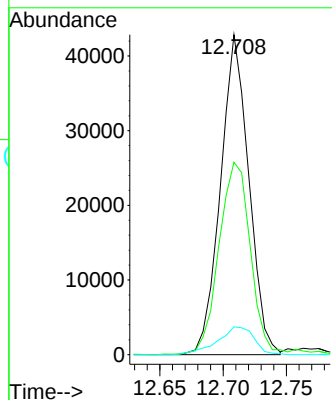
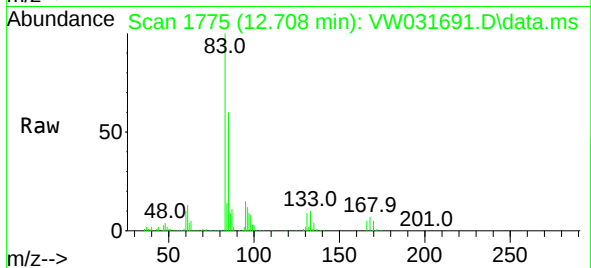
Tgt Ion: 83 Resp: 66758

Ion Ratio Lower Upper

83 100

85 60.1 46.3 86.1

131 8.7 7.1 10.7



#59

Bromoform

Concen: 26.096 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. 0.000 min

Lab File: VW031691.D

Acq: 04 Feb 2025 16:36

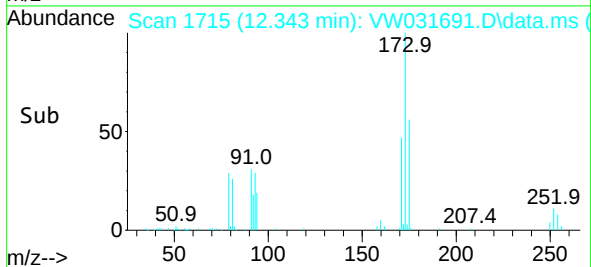
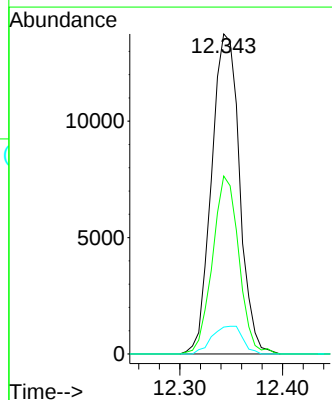
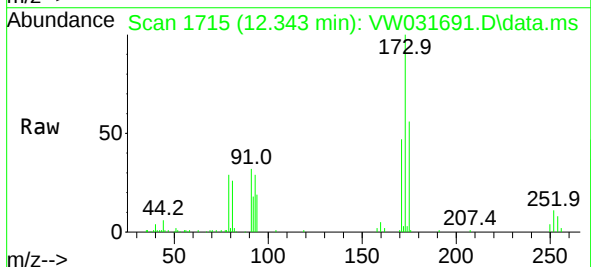
Tgt Ion:173 Resp: 25983

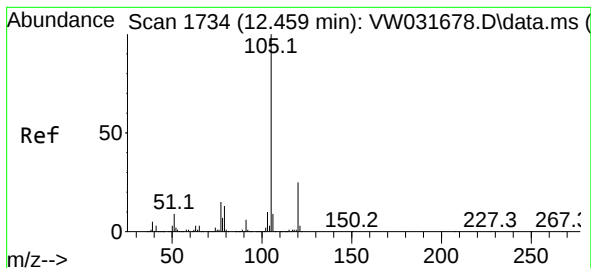
Ion Ratio Lower Upper

173 100

175 52.5 37.3 55.9

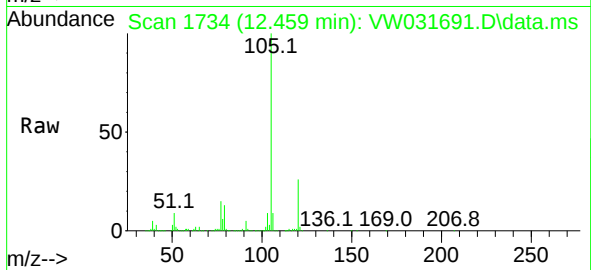
254 9.5 6.9 10.3



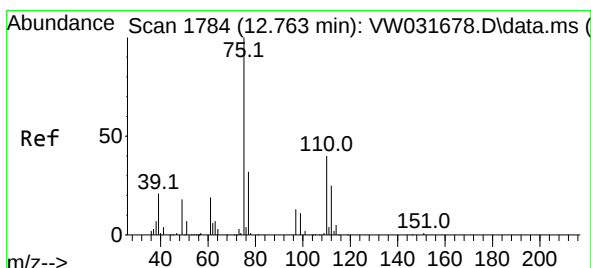
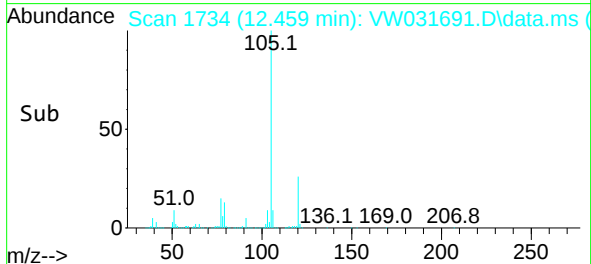
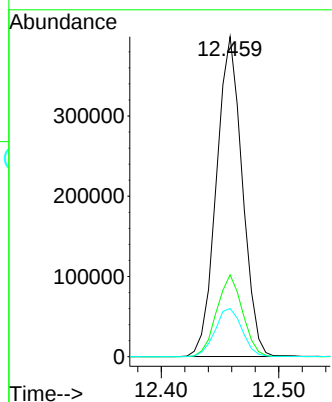


#60
Isopropylbenzene
Concen: 29.277 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

Instrument :
MSVOA_W
ClientSampleId :

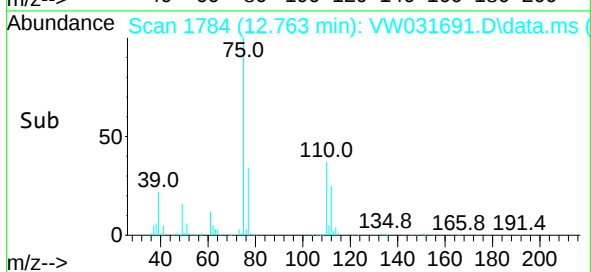
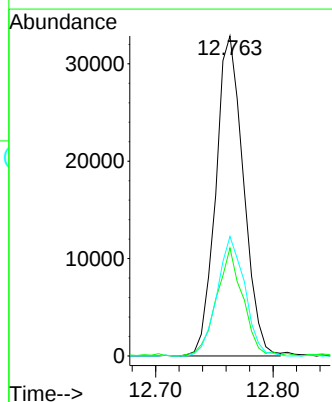
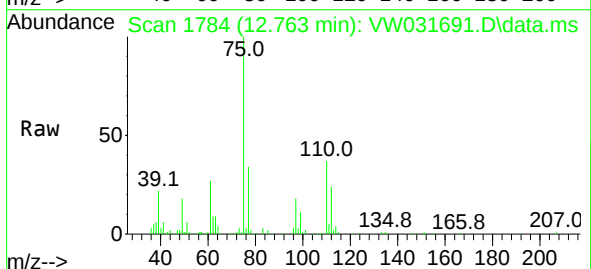


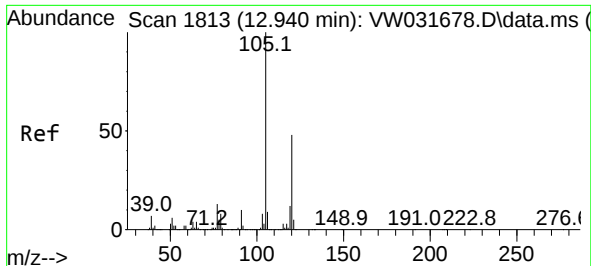
Tgt Ion:105 Resp: 611504
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1
77 15.7 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 26.118 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

Tgt Ion: 75 Resp: 53876
Ion Ratio Lower Upper
75 100
77 31.9 27.4 41.2
110 37.2 29.8 44.8

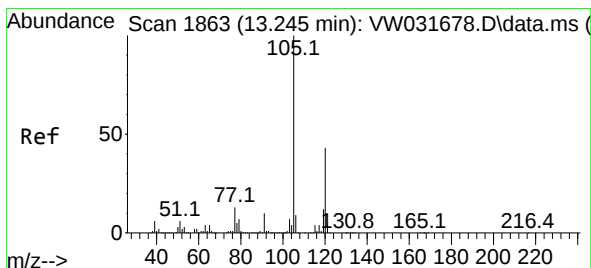
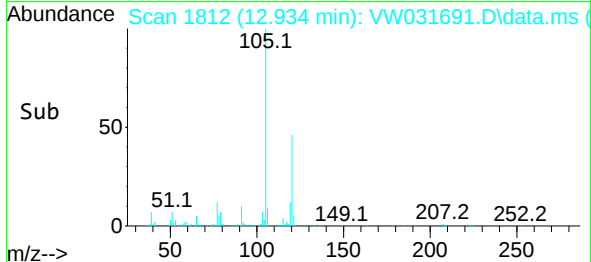
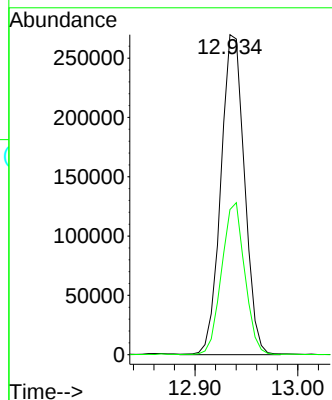
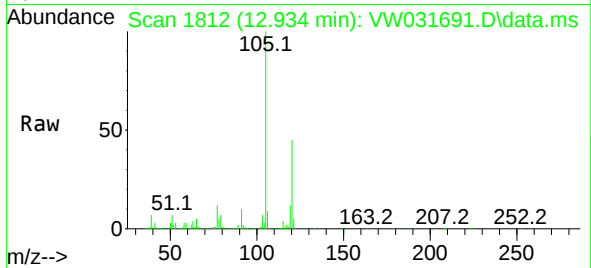




#62
 1,3,5-Trimethylbenzene
 Concen: 28.038 ug/L
 RT: 12.934 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW031691.D
 Acq: 04 Feb 2025 16:36

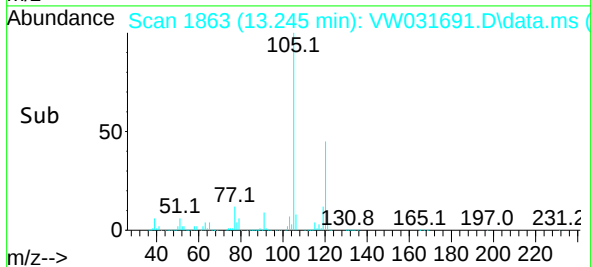
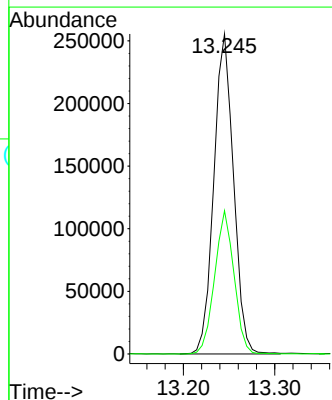
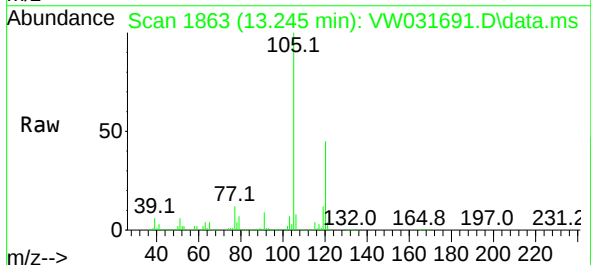
Instrument :
 MSVOA_W
 ClientSampleId :

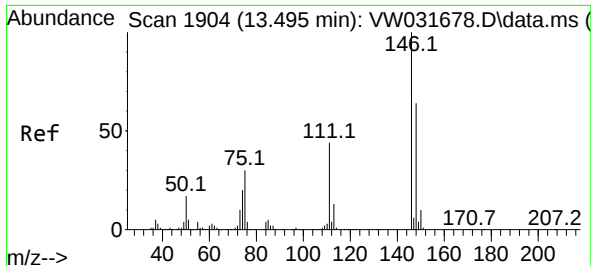
Tgt Ion:105 Resp: 430588
 Ion Ratio Lower Upper
 105 100
 120 46.3 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 27.749 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031691.D
 Acq: 04 Feb 2025 16:36

Tgt Ion:105 Resp: 382828
 Ion Ratio Lower Upper
 105 100
 120 43.8 35.1 52.7

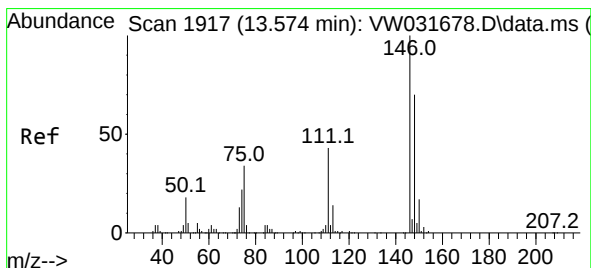
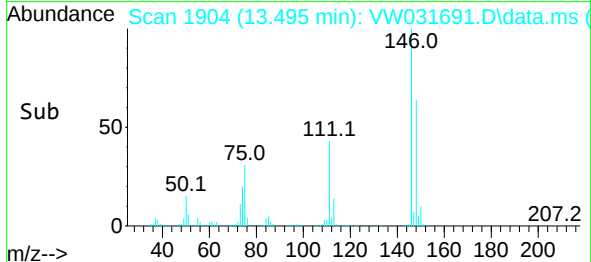
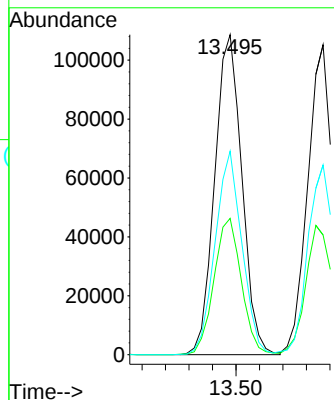
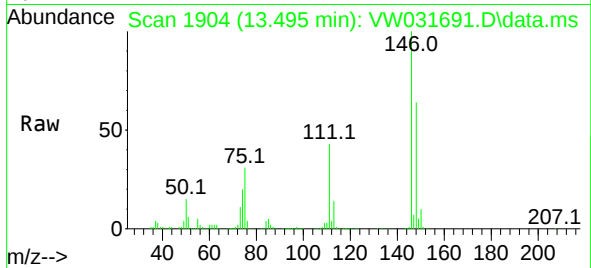




#64
1,3-Dichlorobenzene
Concen: 27.539 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

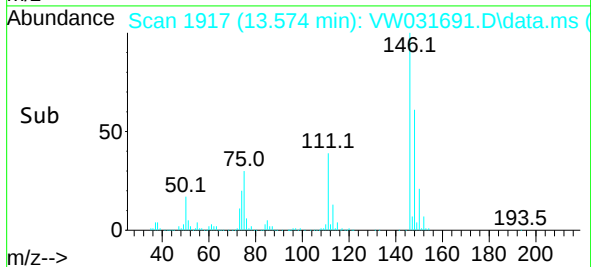
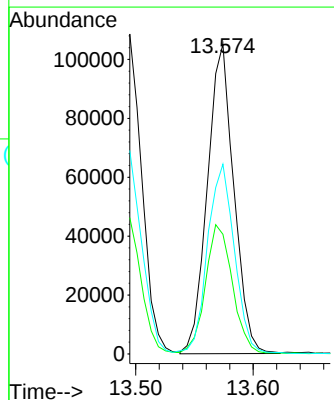
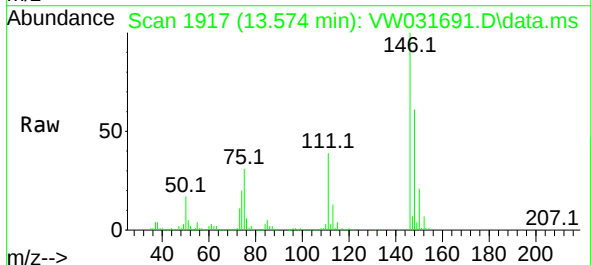
Instrument :
MSVOA_W
ClientSampleId :

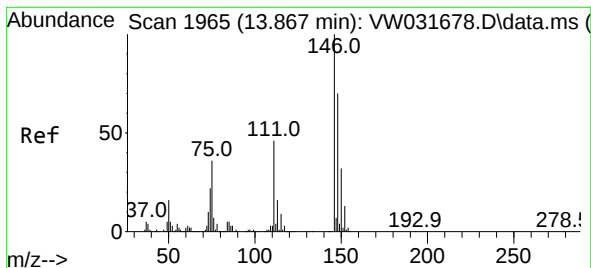
Tgt Ion:146 Resp: 174740
Ion Ratio Lower Upper
146 100
111 42.6 30.2 56.2
148 63.6 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 26.328 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

Tgt Ion:146 Resp: 164683
Ion Ratio Lower Upper
146 100
111 38.6 28.1 52.3
148 61.2 41.4 77.0





#67

1,2-Dichlorobenzene

Concen: 26.006 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031691.D

Acq: 04 Feb 2025 16:36

Instrument :

MSVOA_W

ClientSampleId :

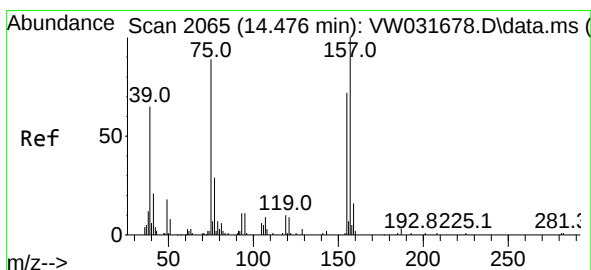
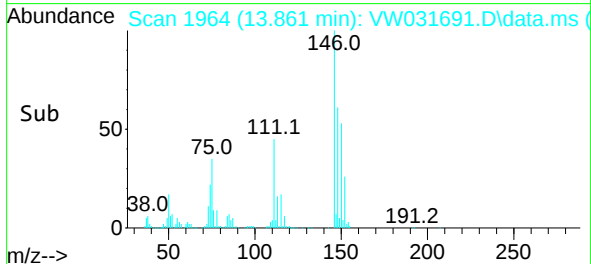
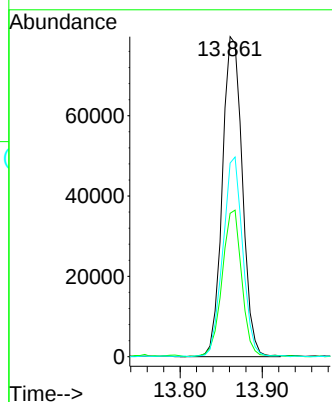
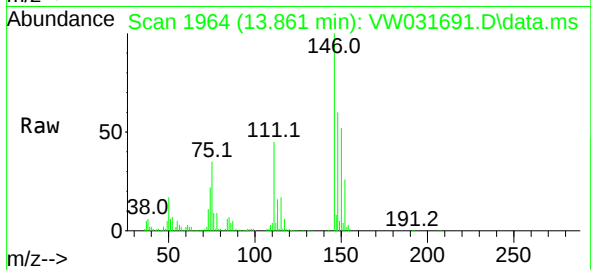
Tgt Ion:146 Resp: 135026

Ion Ratio Lower Upper

146 100

111 44.8 33.4 50.0

148 60.5 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 26.567 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031691.D

Acq: 04 Feb 2025 16:36

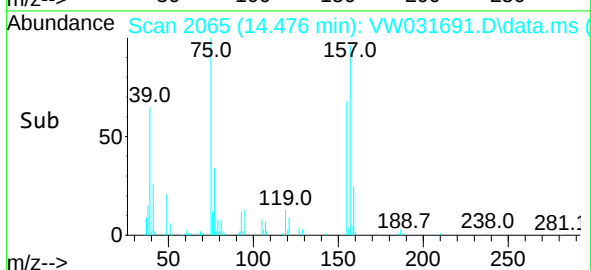
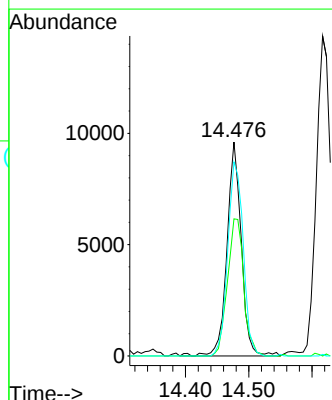
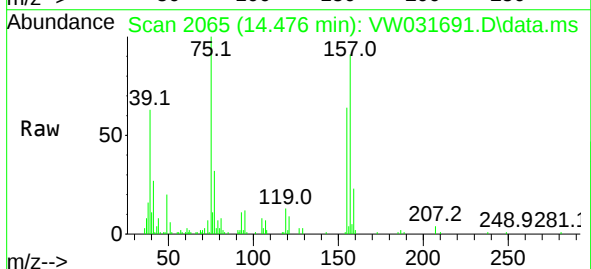
Tgt Ion: 75 Resp: 15095

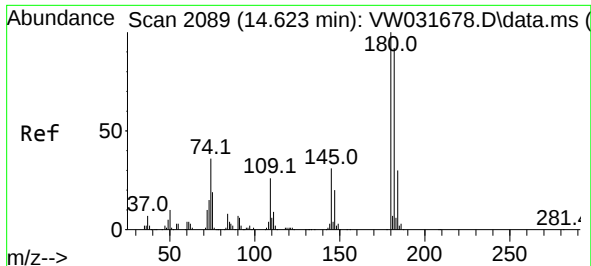
Ion Ratio Lower Upper

75 100

155 64.1 60.6 91.0

157 90.6 74.1 111.1

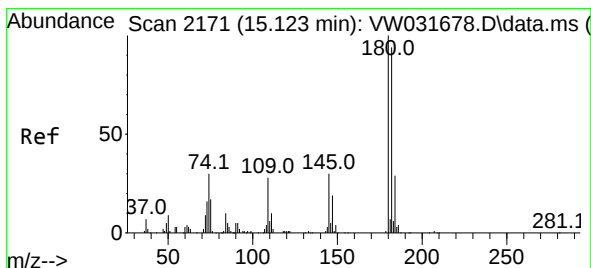
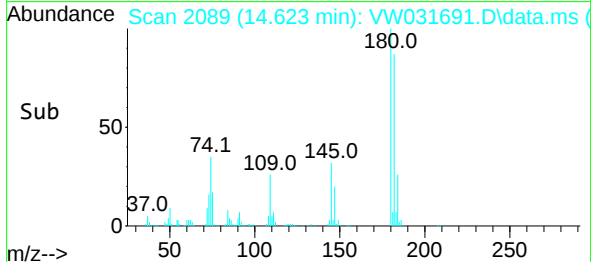
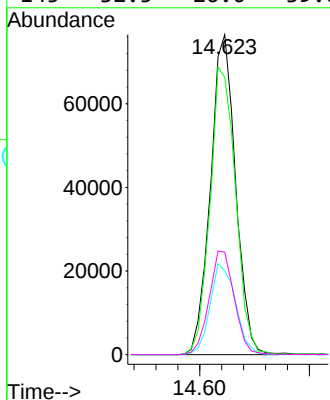
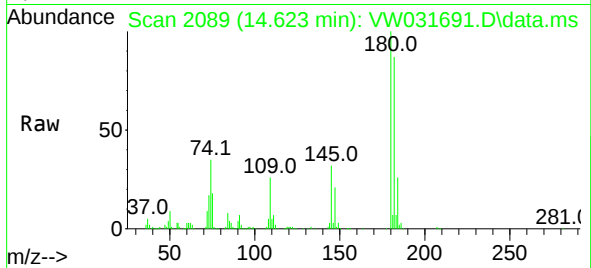




#69
1,3,5-Trichlorobenzene
Concen: 27.574 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

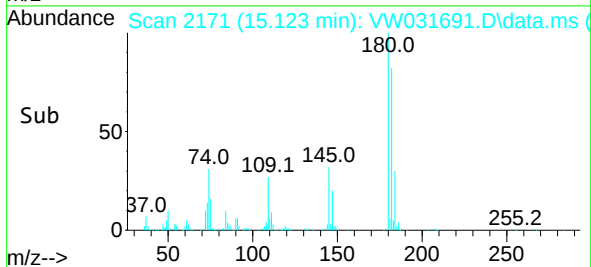
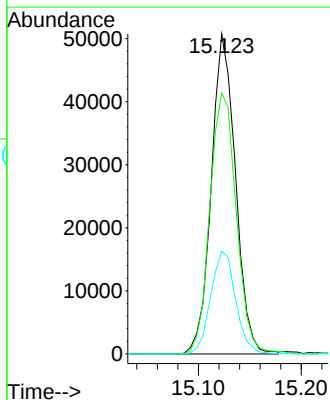
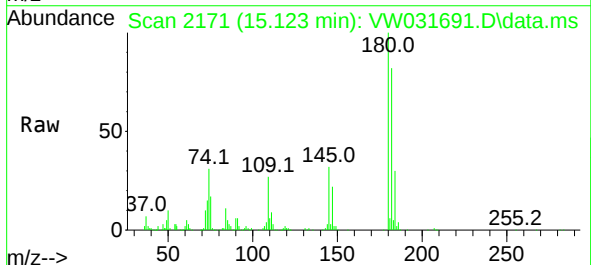
Instrument :
MSVOA_W
ClientSampleId :

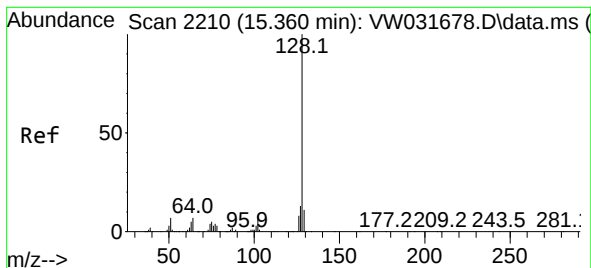
Tgt Ion:180 Resp: 122034
Ion Ratio Lower Upper
180 100
182 91.3 75.1 112.7
184 28.7 23.7 35.5
145 32.5 26.0 39.0



#70
1,2,4-trichlorobenzene
Concen: 25.643 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

Tgt Ion:180 Resp: 82841
Ion Ratio Lower Upper
180 100
182 89.0 73.0 109.4
145 33.2 26.7 40.1

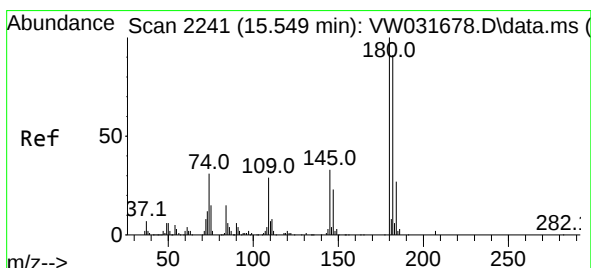
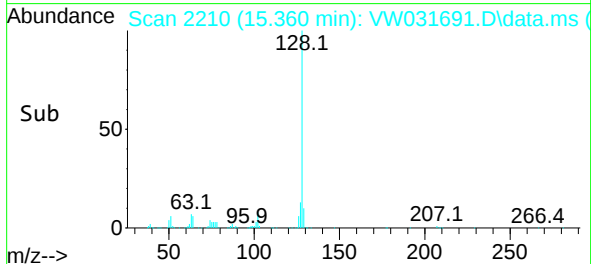
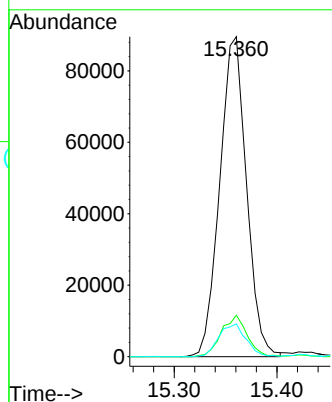
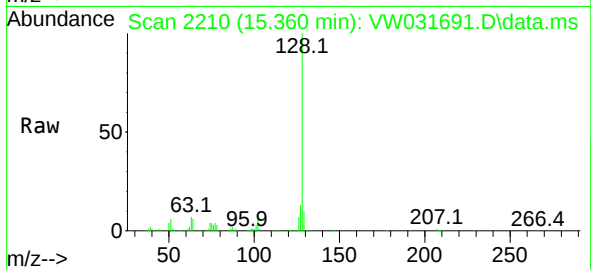




#71
Naphthalene
Concen: 24.492 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 161819
Ion Ratio Lower Upper
128 100
127 12.4 9.9 14.9
129 10.5 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 25.660 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW031691.D
Acq: 04 Feb 2025 16:36

Tgt Ion:180 Resp: 67564
Ion Ratio Lower Upper
180 100
182 91.4 78.2 117.4
145 35.4 30.2 45.4

