

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
 Data File : VW031298.D
 Acq On : 17 Dec 2024 02:37
 Operator : SY/MD
 Sample : P5155-18MS
 Misc : 4.05g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 12:43:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 02:36:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	1187946	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	912473	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	357406	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	296252	16.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.280%
7) Chloroethane-d5	2.893	69	241857	18.292	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.160%
11) 1,1-Dichloroethene-d2	4.009	65	141961	16.744	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.960%
21) 2-Butanone-d5	7.094	46	105952	31.476	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.960%
24) Chloroform-d	7.642	84	622544	19.127	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.520%
26) 1,2-Dichloroethane-d4	8.301	65	342054	20.925	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.720%
32) Benzene-d6	8.270	84	1190725	20.360	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.440%
36) 1,2-Dichloropropane-d6	9.270	67	366916	21.526	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.120%
41) Toluene-d8	10.319	98	996473	18.315	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.240%
43) trans-1,3-Dichloroprop...	10.575	79	145086	18.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.840%
47) 2-Hexanone-d5	10.922	63	82602	36.035	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.080%
56) 1,1,2,2-Tetrachloroeth...	12.684	84	263158	24.590	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.360%
66) 1,2-Dichlorobenzene-d4	13.849	152	252822	19.054	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	141943	13.221	ug/L	95
3) Chloromethane	2.216	50	155621	12.903	ug/L	97
5) Vinyl chloride	2.369	62	213766	12.789	ug/L	98
6) Bromomethane	2.783	94	114762	11.168	ug/L	98
8) Chloroethane	2.930	64	141068	14.191	ug/L	98
9) Trichlorofluoromethane	3.259	101	219414	12.322	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	188647	13.120	ug/L	91
12) 1,1-Dichloroethene	4.039	96	187412	12.869	ug/L	89
13) Acetone	4.155	43	43652	9.312	ug/L #	100
14) Carbon disulfide	4.387	76	485034	10.212	ug/L	99
15) Methyl Acetate	4.686	43	78136	14.675	ug/L #	87
16) Methylene chloride	4.917	84	212019	14.185	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	208119	13.258	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	423908	16.153	ug/L	99
19) 1,1-Dichloroethane	6.210	63	424575	14.474	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	243816	14.355	ug/L	98
22) 2-Butanone	7.179	43	154916	27.273	ug/L	97
23) Bromochloromethane	7.514	128	106296	15.692	ug/L	91
25) Chloroform	7.673	83	435174	15.031	ug/L	98

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 Response via : Initial Calibration

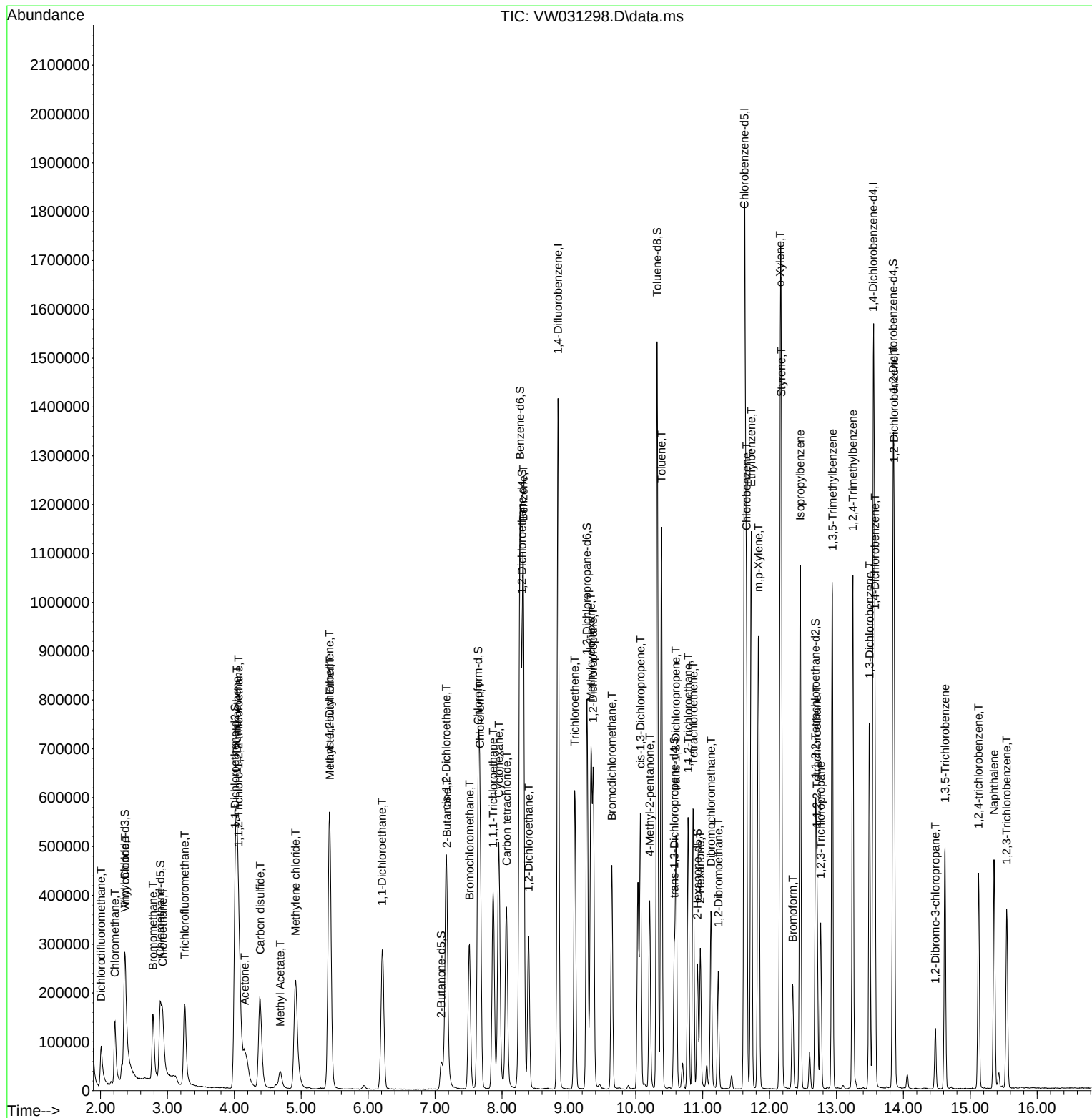
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	288963	15.876	ug/L	99
29) Cyclohexane	7.953	56	301774	12.195	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	335548	14.227	ug/L	99
31) Carbon tetrachloride	8.069	117	286365	13.629	ug/L	99
33) Benzene	8.319	78	852340	15.115	ug/L	100
34) Trichloroethene	9.087	95	215887	13.561	ug/L	95
35) Methylcyclohexane	9.331	83	291505	10.514	ug/L	98
37) 1,2-Dichloropropane	9.362	63	229714	16.330	ug/L	99
38) Bromodichloromethane	9.642	83	303897	16.618	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	326377	13.730	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	248056	33.237	ug/L	98
42) Toluene	10.386	91	828520	13.495	ug/L	98
44) trans-1,3-Dichloropropene	10.599	75	281682	14.513	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	169580	18.124	ug/L	96
46) Tetrachloroethene	10.861	164	125243	10.740	ug/L	92
48) 2-Hexanone	10.965	43	182522	28.755	ug/L	99
49) Dibromochloromethane	11.123	129	186319	16.799	ug/L	98
50) 1,2-Dibromoethane	11.233	107	159496	17.994	ug/L	95
51) Chlorobenzene	11.654	112	497209	12.917	ug/L	98
52) Ethylbenzene	11.727	91	790505	11.110	ug/L	95
53) m,p-Xylene	11.837	106	302985	11.186	ug/L	97
54) o-Xylene	12.160	106	315835	12.372	ug/L	99
55) Styrene	12.178	104	519994	12.246	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	181180	17.963	ug/L	95
59) Bromoform	12.349	173	100528	20.022	ug/L	97
60) Isopropylbenzene	12.459	105	700865	11.983	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	139143	22.751	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	560257	11.298	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	569042	11.873	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	297820	12.568	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	292193	12.445	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	290766	14.241	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	31144	20.067	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	151650	9.138	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	130017	9.418	ug/L	97
71) Naphthalene	15.354	128	391344	16.169	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	119988	10.787	ug/L	100

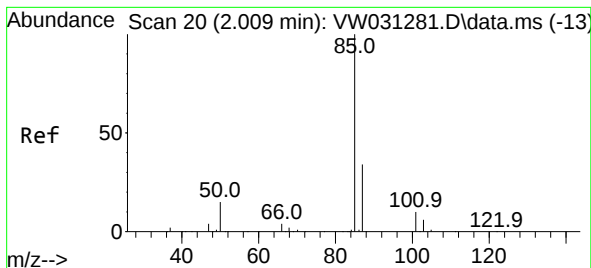
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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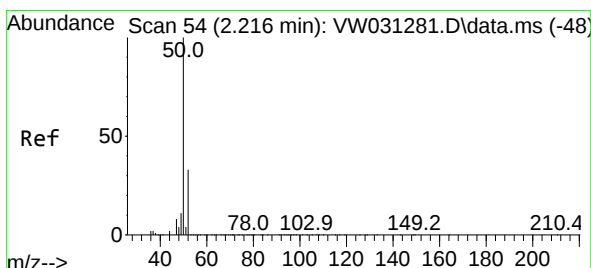
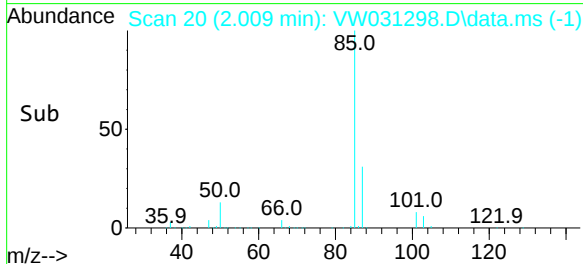
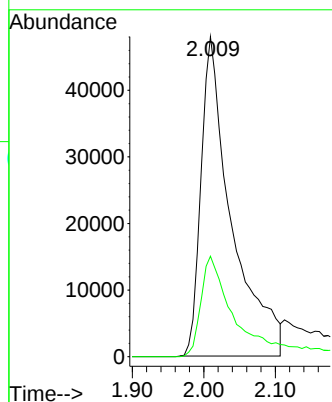
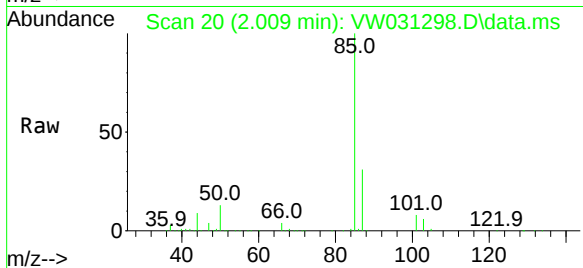




#2
Dichlorodifluoromethane
Concen: 13.221 ug/L
RT: 2.009 min Scan# 20
Delta R.T. 0.000 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

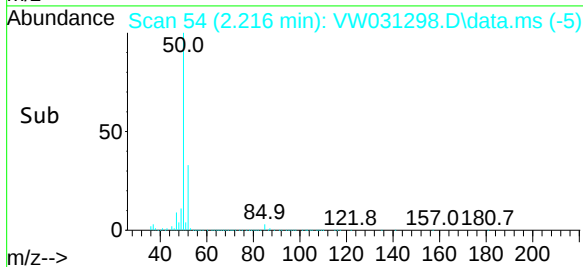
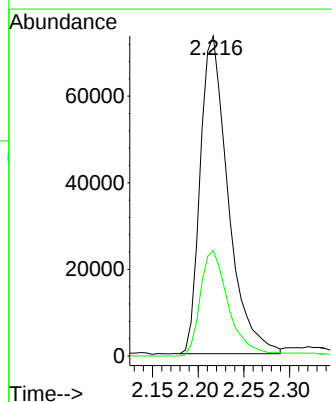
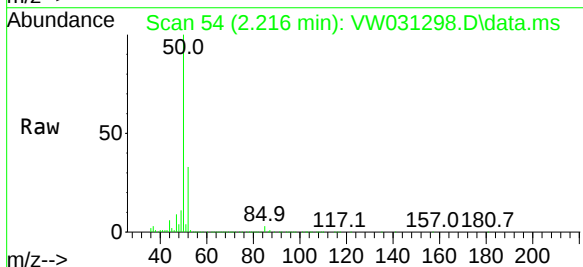
Instrument :
MSVOA_W
ClientSampleId :

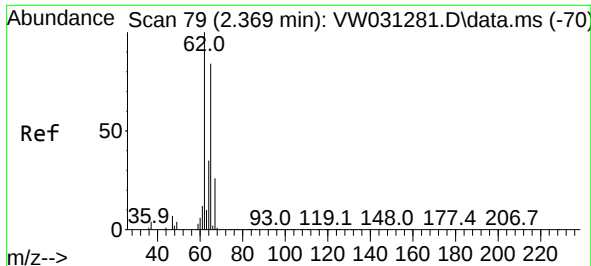
Tgt Ion: 85 Resp: 141943
Ion Ratio Lower Upper
85 100
87 34.0 24.9 37.3



#3
Chloromethane
Concen: 12.903 ug/L
RT: 2.216 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

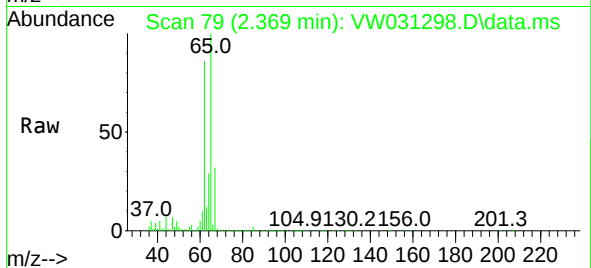
Tgt Ion: 50 Resp: 155621
Ion Ratio Lower Upper
50 100
52 32.9 22.0 41.0



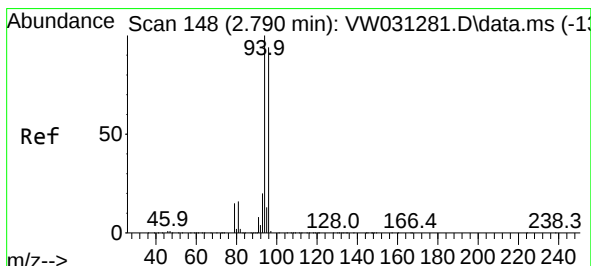
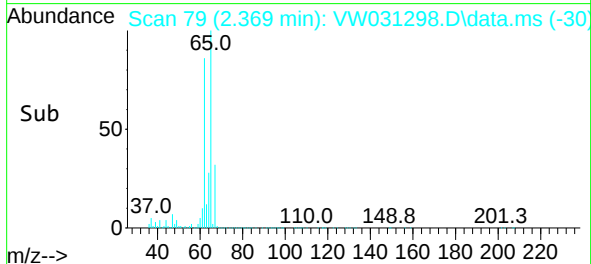
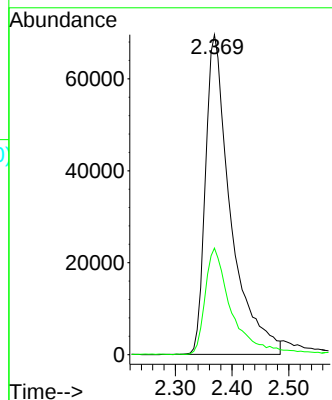


#5
Vinyl chloride
Concen: 12.789 ug/L
RT: 2.369 min Scan# 79
Delta R.T. 0.000 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

Instrument :
MSVOA_W
ClientSampleId :

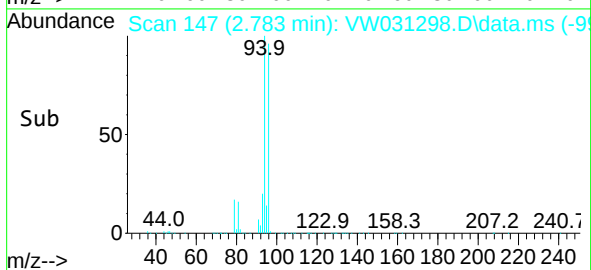
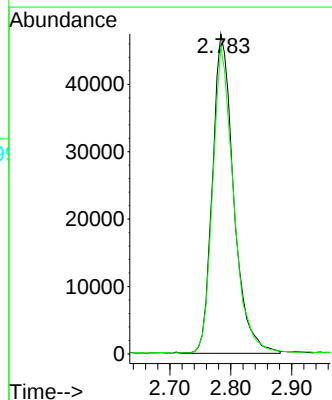
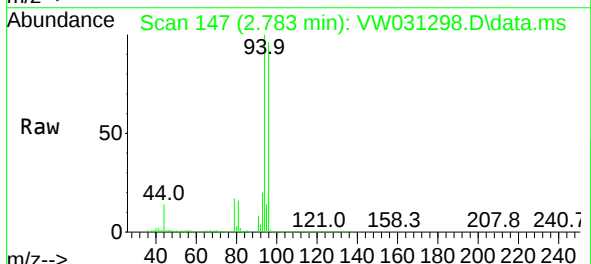


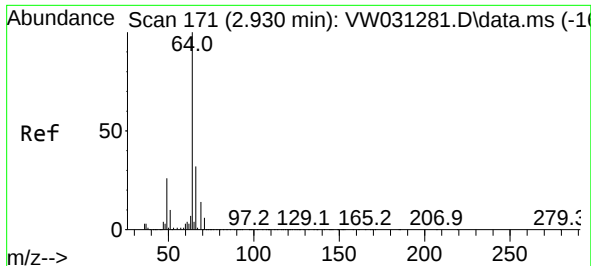
Tgt Ion: 62 Resp: 213766
Ion Ratio Lower Upper
62 100
64 33.3 24.1 44.8



#6
Bromomethane
Concen: 11.168 ug/L
RT: 2.783 min Scan# 147
Delta R.T. -0.006 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

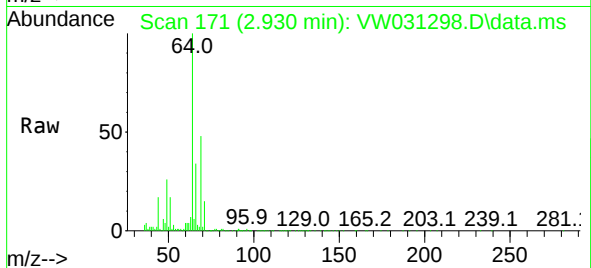
Tgt Ion: 94 Resp: 114762
Ion Ratio Lower Upper
94 100
96 96.1 65.6 121.8



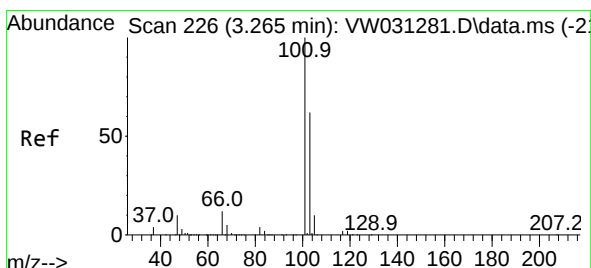
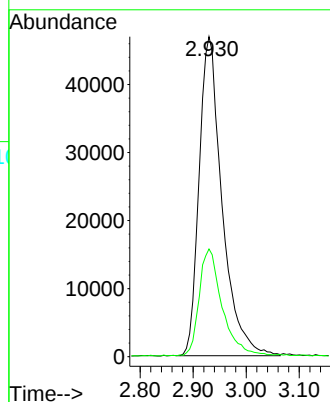
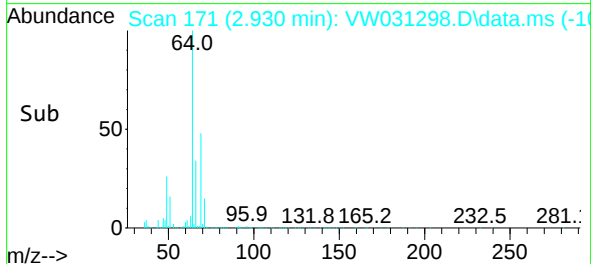


#8
Chloroethane
Concen: 14.191 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

Instrument :
MSVOA_W
ClientSampleId :

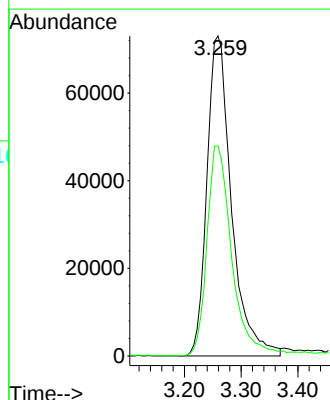
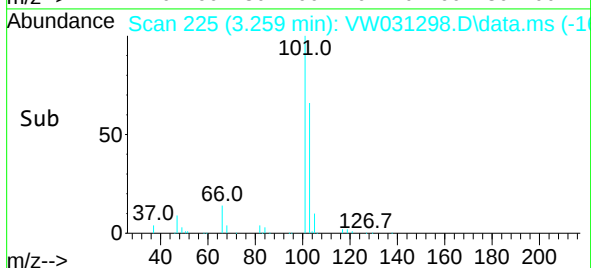
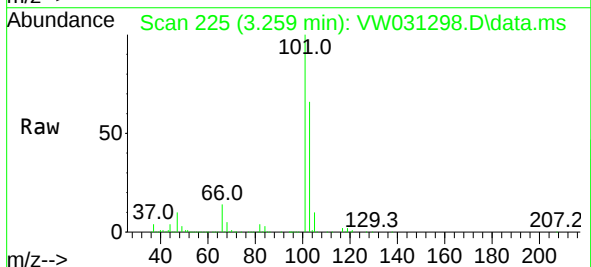


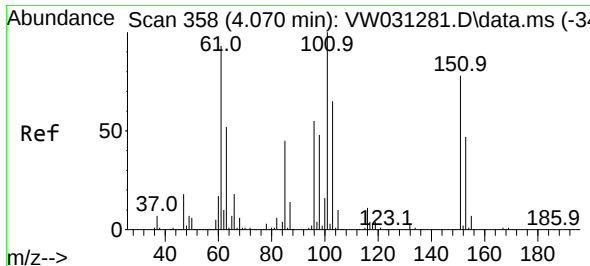
Tgt Ion: 64 Resp: 141068
Ion Ratio Lower Upper
64 100
66 33.6 22.7 42.3



#9
Trichlorofluoromethane
Concen: 12.322 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

Tgt Ion: 101 Resp: 219414
Ion Ratio Lower Upper
101 100
103 65.8 51.6 77.4

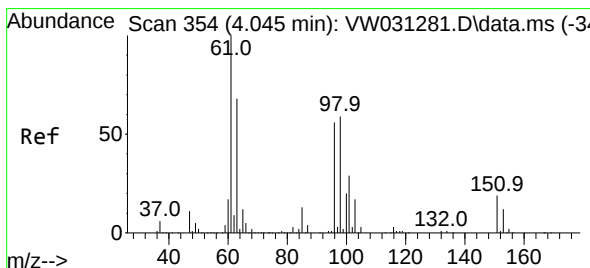
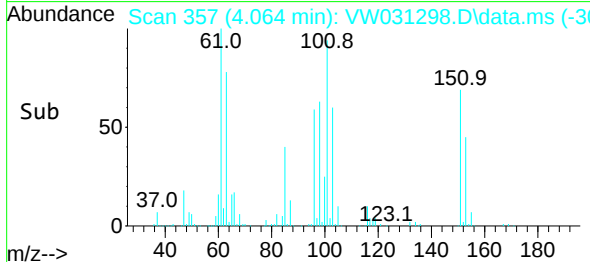
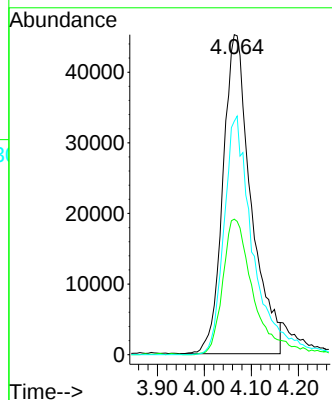
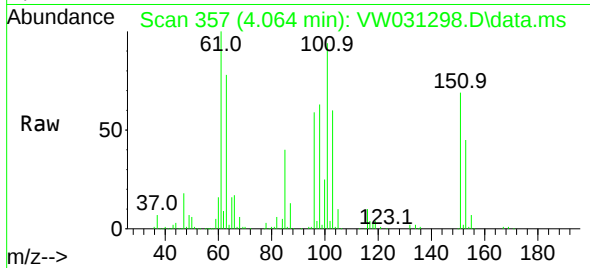




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 13.120 ug/L
 RT: 4.064 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW031298.D
 Acq: 17 Dec 2024 02:37

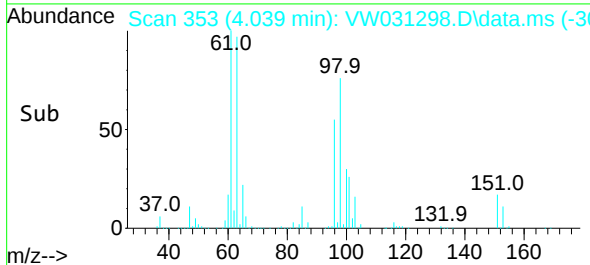
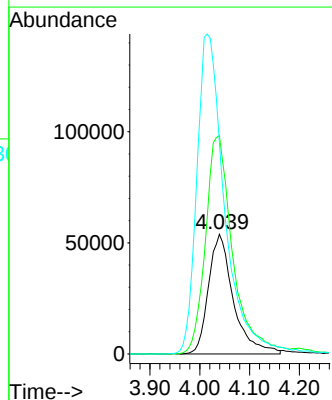
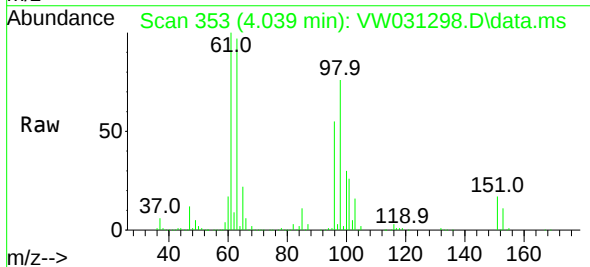
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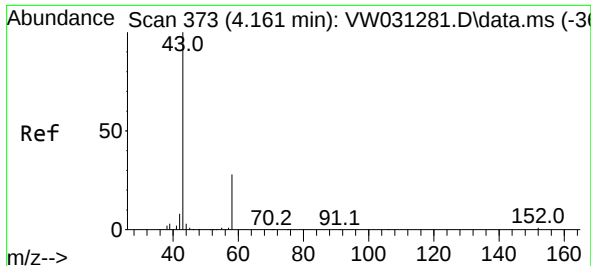
Tgt Ion:101 Resp: 188647
 Ion Ratio Lower Upper
 101 100
 85 45.6 33.0 49.4
 151 76.8 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 12.869 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW031298.D
 Acq: 17 Dec 2024 02:37

Tgt Ion: 96 Resp: 187412
 Ion Ratio Lower Upper
 96 100
 61 182.5 125.3 232.7
 63 176.4 104.6 194.2

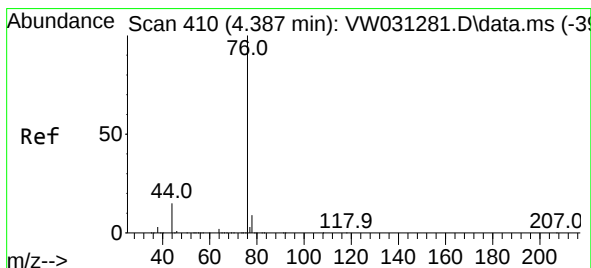
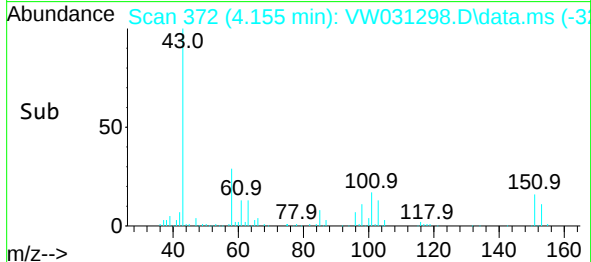
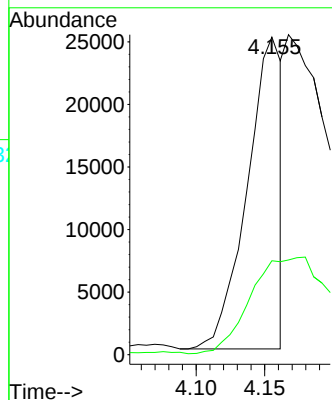
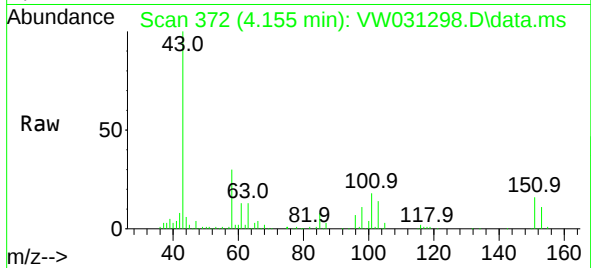




#13
Acetone
Concen: 9.312 ug/L
RT: 4.155 min Scan# 31
Delta R.T. -0.006 min
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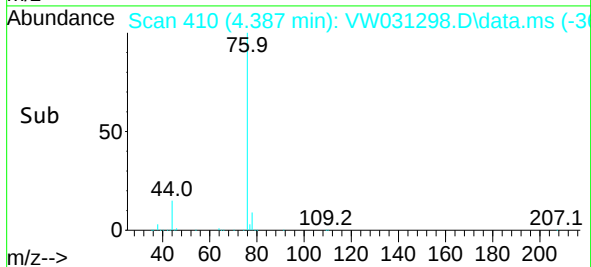
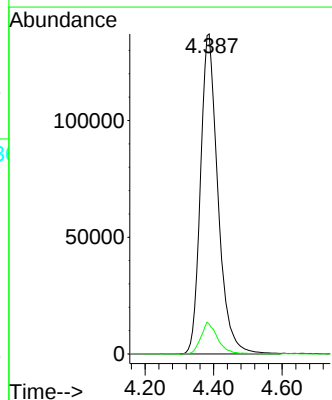
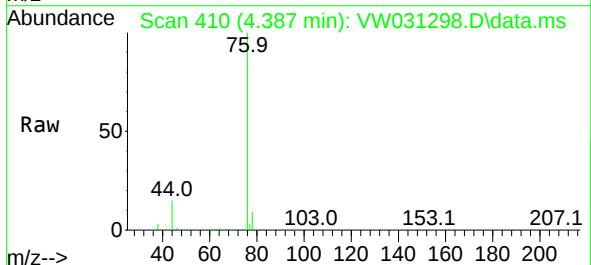
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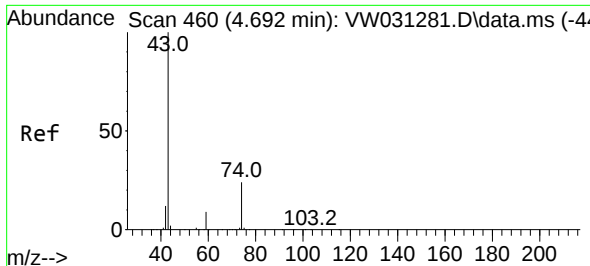
Tgt Ion: 43 Resp: 43652
Ion Ratio Lower Upper
43 100
58 30.1 0.0 0.0#



#14
Carbon disulfide
Concen: 10.212 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031298.D
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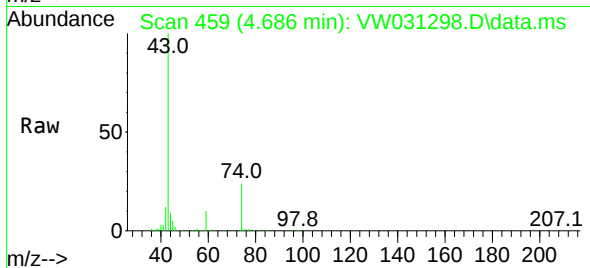
Tgt Ion: 76 Resp: 485034
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



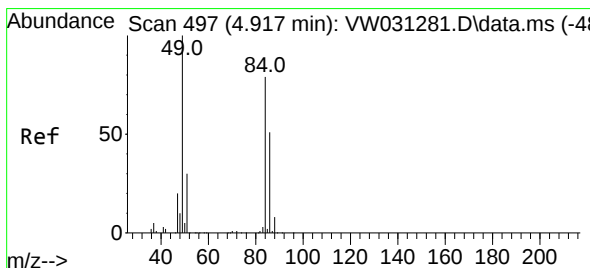
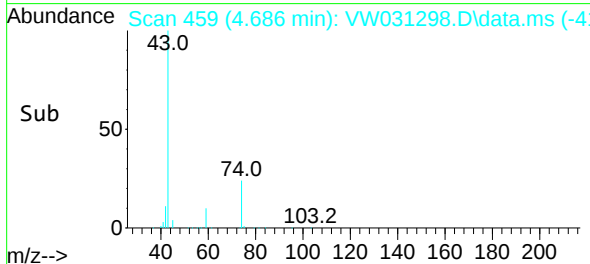
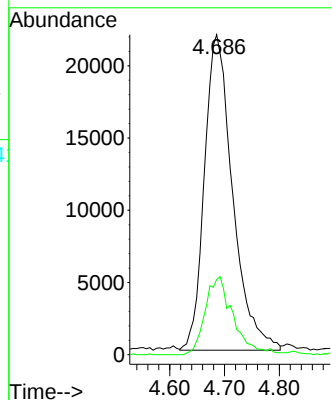


#15
Methyl Acetate
Concen: 14.675 ug/L
RT: 4.686 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

Instrument :
MSVOA_W
ClientSampleId :

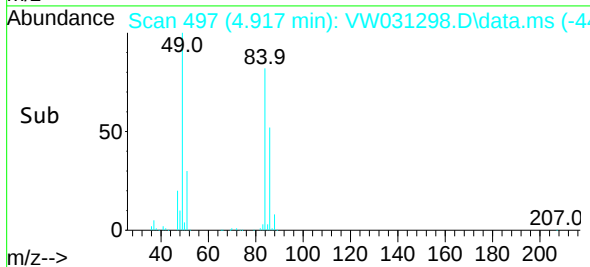
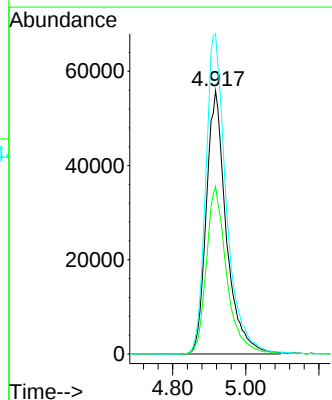
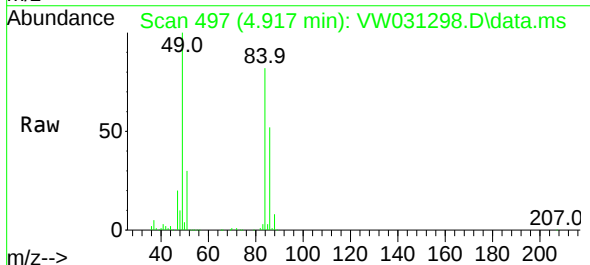


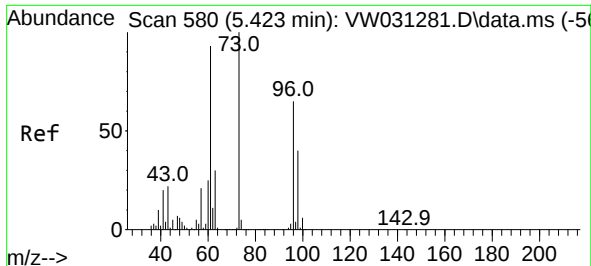
Tgt Ion: 43 Resp: 78136
Ion Ratio Lower Upper
43 100
74 17.3 18.9 28.3#



#16
Methylene chloride
Concen: 14.185 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

Tgt Ion: 84 Resp: 212019
Ion Ratio Lower Upper
84 100
86 63.7 44.7 82.9
49 121.6 88.3 164.1

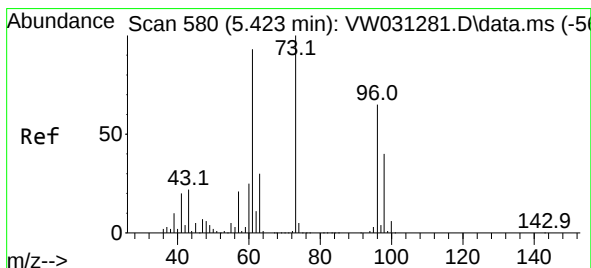
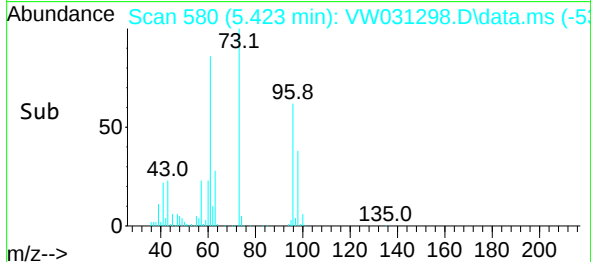
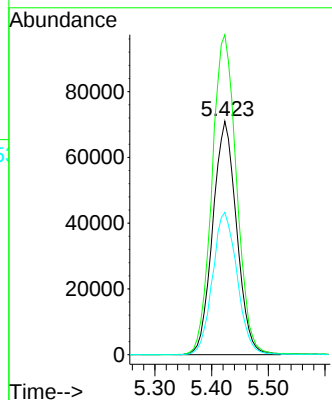
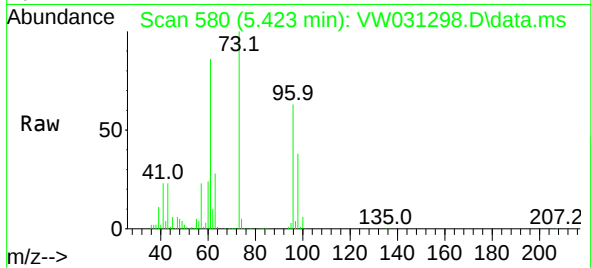




#17
trans-1,2-Dichloroethene
Concen: 13.258 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

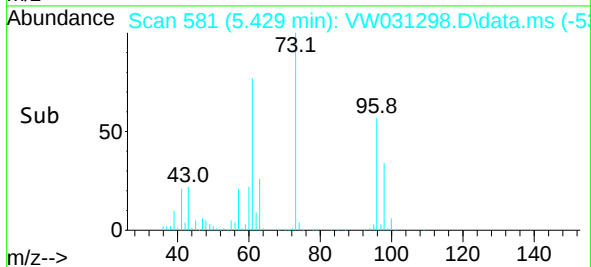
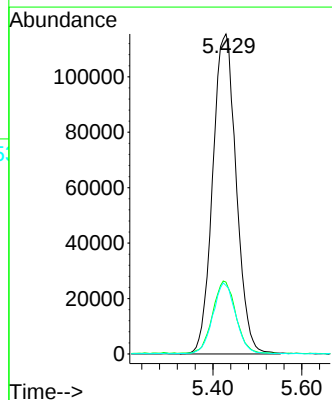
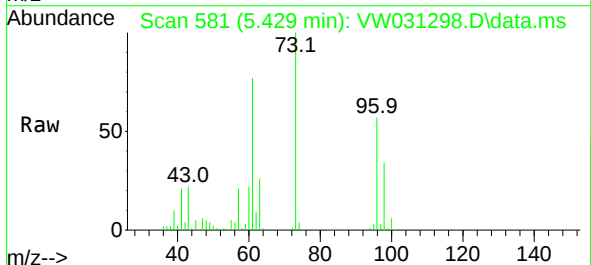
Instrument :
MSVOA_W
ClientSampleId :

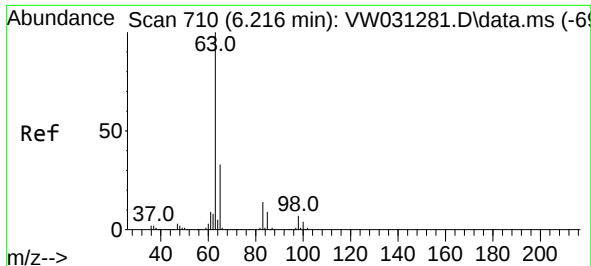
Tgt Ion: 96 Resp: 208119
Ion Ratio Lower Upper
96 100
61 137.0 100.7 187.1
98 60.9 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 16.153 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

Tgt Ion: 73 Resp: 423908
Ion Ratio Lower Upper
73 100
43 22.4 17.9 26.9
57 21.5 17.9 26.9





#19

1,1-Dichloroethane

Concen: 14.474 ug/L

RT: 6.210 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

Instrument :

MSVOA_W

ClientSampleId :

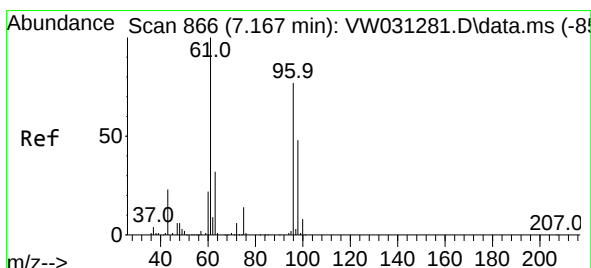
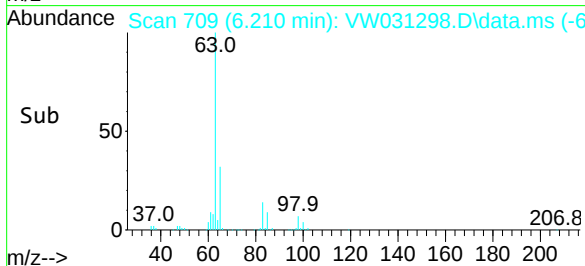
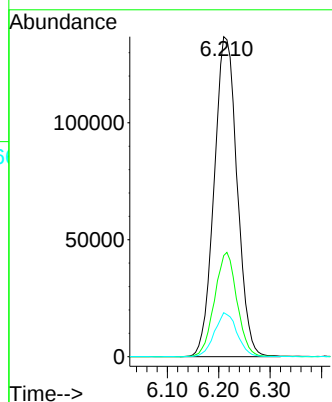
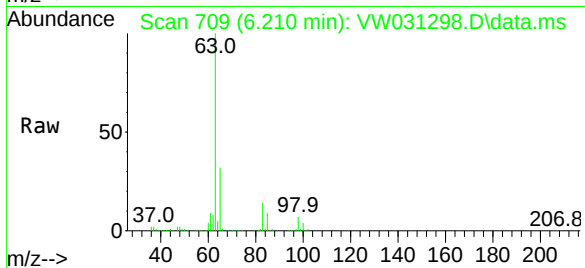
Tgt Ion: 63 Resp: 424575

Ion Ratio Lower Upper

63 100

65 31.6 21.9 40.7

83 13.7 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 14.355 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

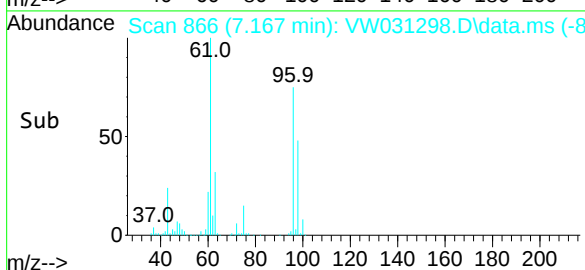
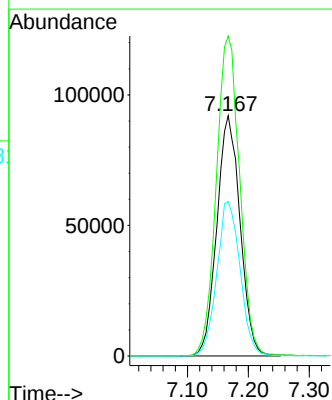
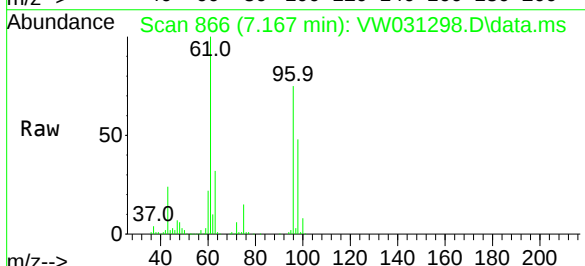
Tgt Ion: 96 Resp: 243816

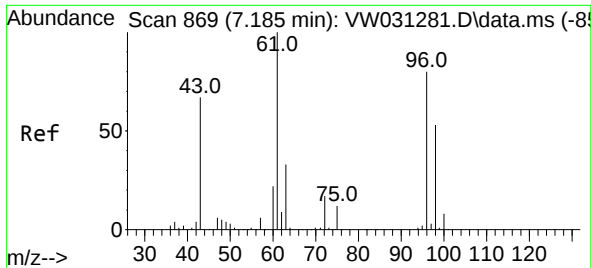
Ion Ratio Lower Upper

96 100

61 133.2 92.2 171.2

98 64.3 43.7 81.1

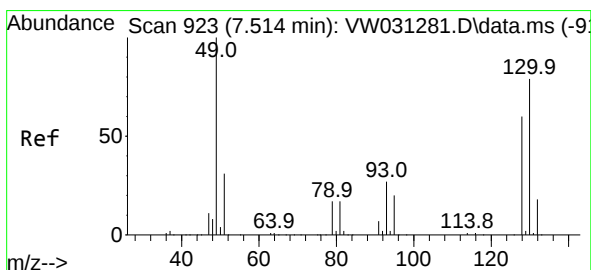
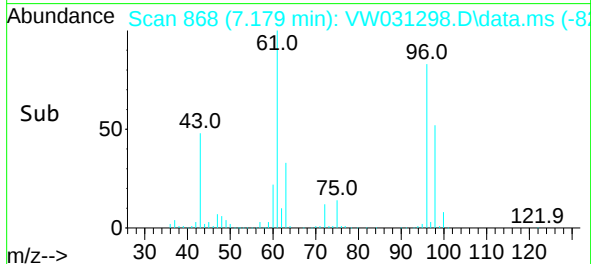
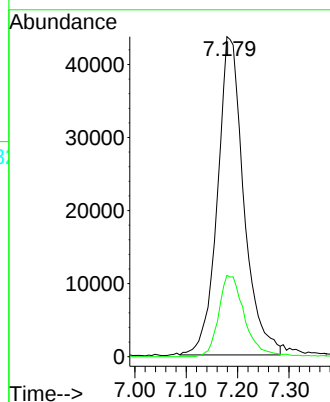
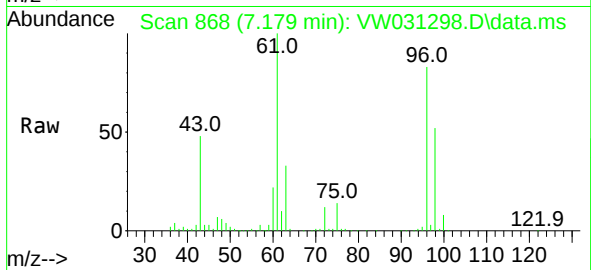




#22
2-Butanone
Concen: 27.273 ug/L
RT: 7.179 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

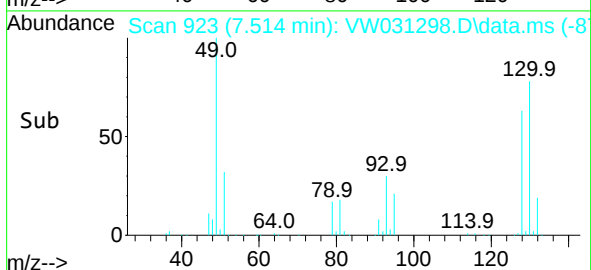
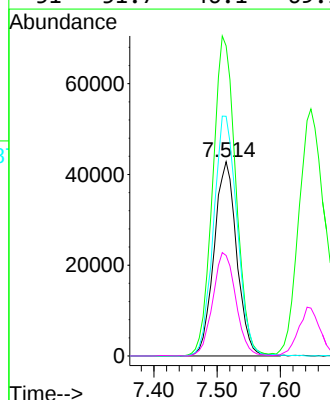
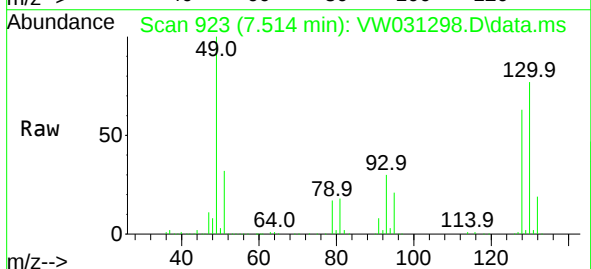
Instrument :
MSVOA_W
ClientSampleId :

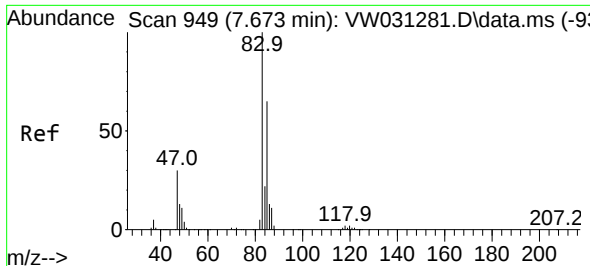
Tgt Ion: 43 Resp: 154916
Ion Ratio Lower Upper
43 100
72 24.8 13.3 39.8



#23
Bromochloromethane
Concen: 15.692 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

Tgt Ion:128 Resp: 106296
Ion Ratio Lower Upper
128 100
49 159.6 123.7 229.7
130 123.4 90.3 167.7
51 51.7 46.1 69.1

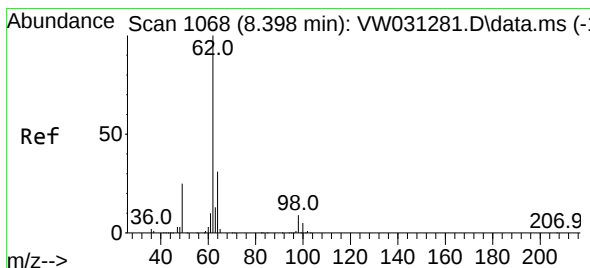
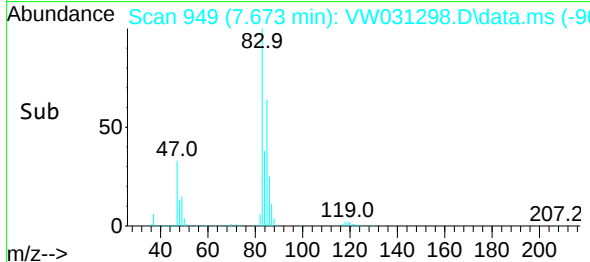
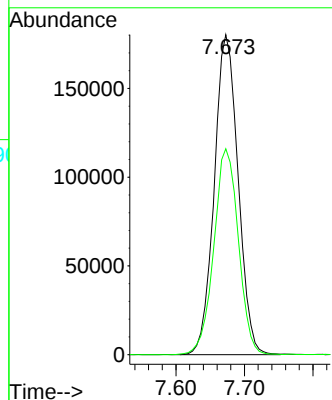
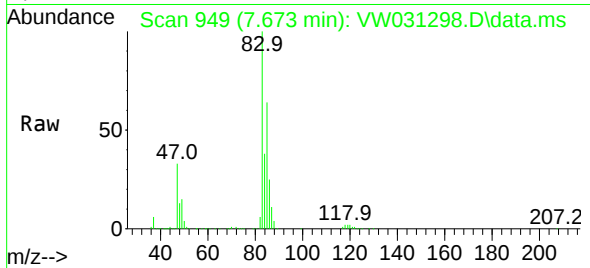




#25
Chloroform
Concen: 15.031 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

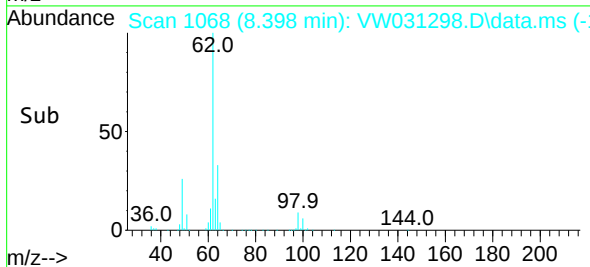
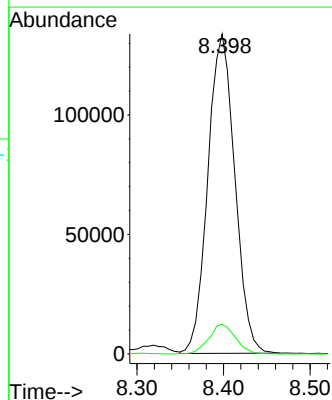
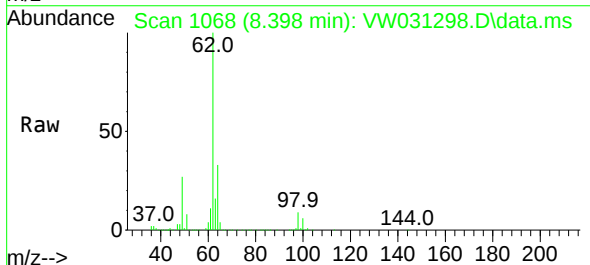
Instrument :
MSVOA_W
ClientSampleId :

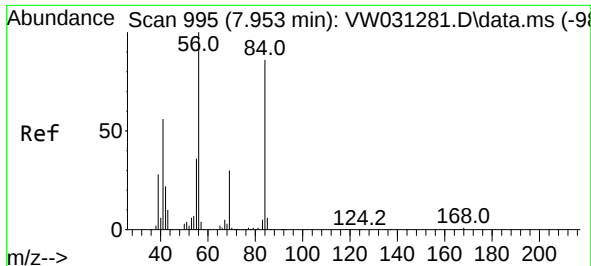
Tgt Ion: 83 Resp: 435174
Ion Ratio Lower Upper
83 100
85 64.4 46.1 85.5



#27
1,2-Dichloroethane
Concen: 15.876 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

Tgt Ion: 62 Resp: 288963
Ion Ratio Lower Upper
62 100
98 9.3 7.2 10.8





#29

Cyclohexane

Concen: 12.195 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

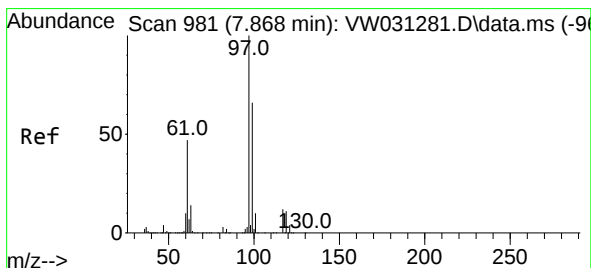
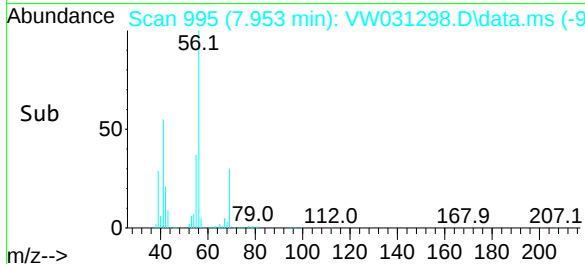
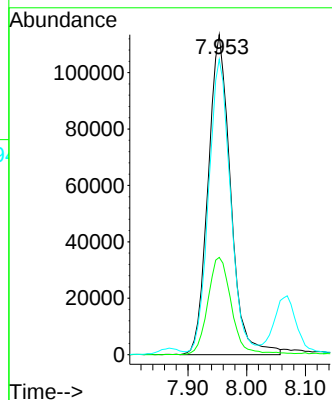
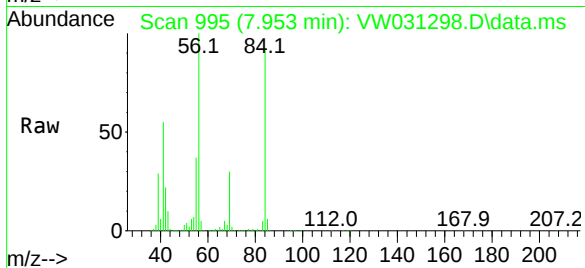
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 301774

Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.0	37.4
84	89.0	68.9	103.3



#30

1,1,1-Trichloroethane

Concen: 14.227 ug/L

RT: 7.868 min Scan# 981

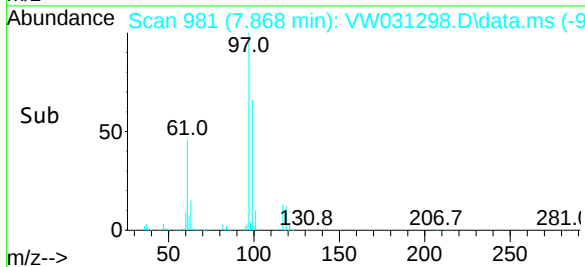
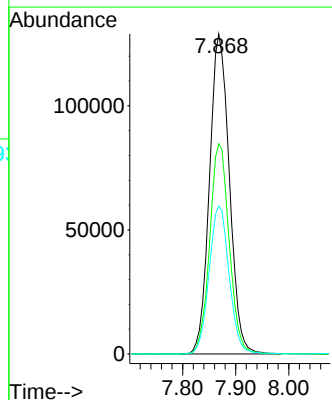
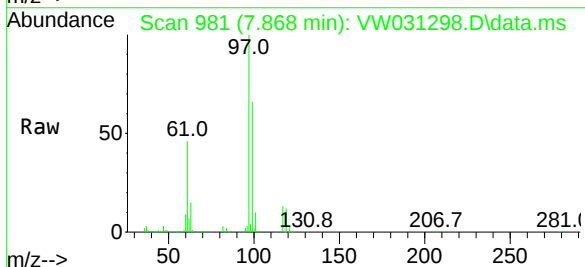
Delta R.T. 0.000 min

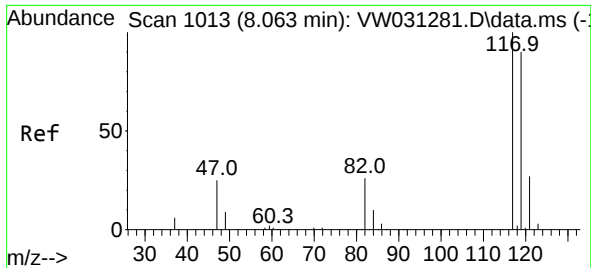
Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

Tgt Ion: 97 Resp: 335548

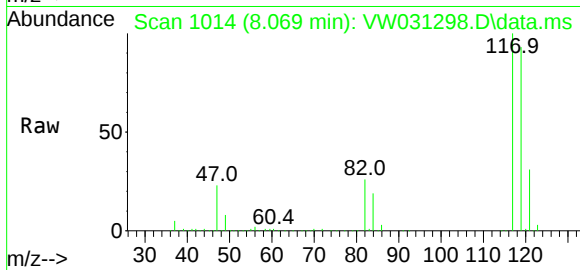
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.1	76.7
61	46.6	36.3	54.5



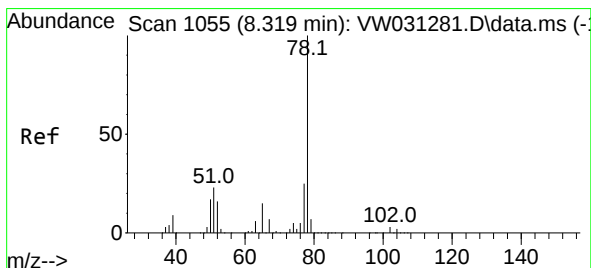
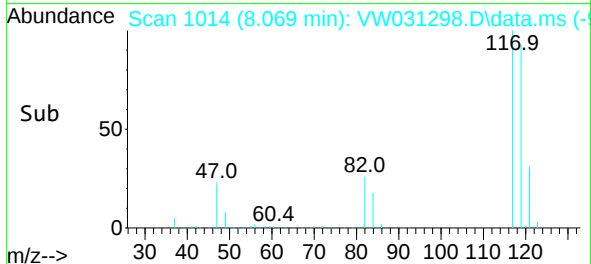
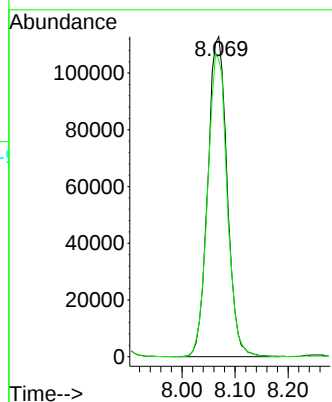


#31
Carbon tetrachloride
Concen: 13.629 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

Instrument :
MSVOA_W
ClientSampleId :

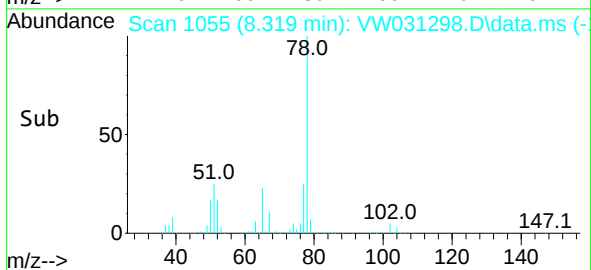
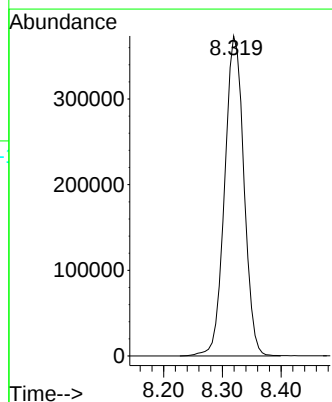
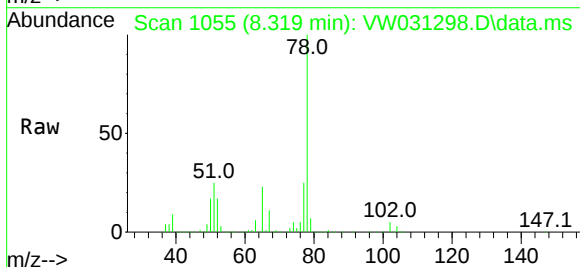


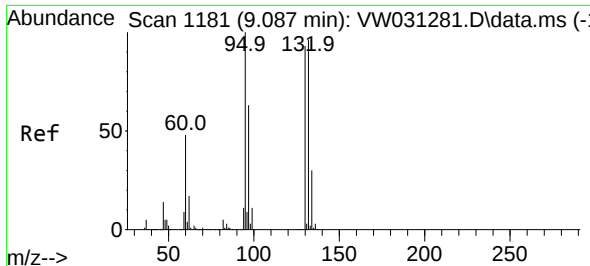
Tgt Ion:117 Resp: 286365
Ion Ratio Lower Upper
117 100
119 95.6 76.0 114.0



#33
Benzene
Concen: 15.115 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

Tgt Ion: 78 Resp: 852340





#34

Trichloroethene

Concen: 13.561 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

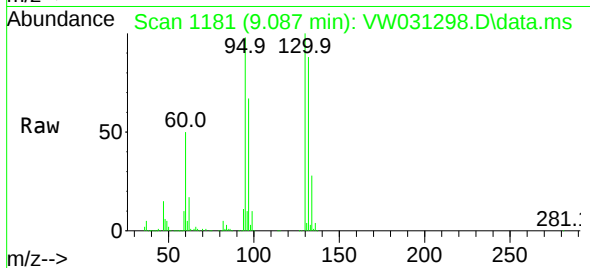
Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 215887

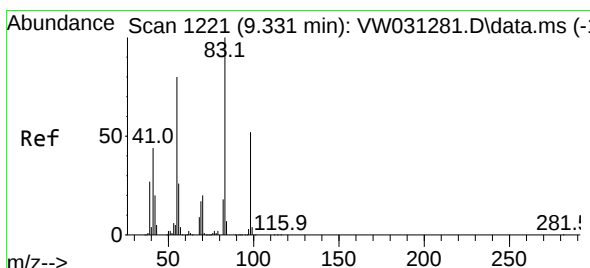
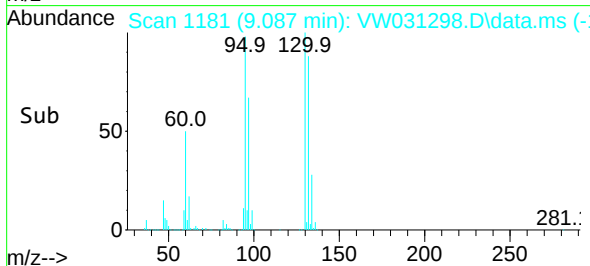
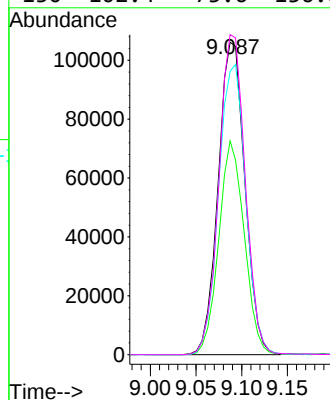
Ion Ratio Lower Upper

95 100

97 68.4 46.5 86.3

132 90.6 70.3 130.5

130 102.4 73.6 136.8



#35

Methylcyclohexane

Concen: 10.514 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

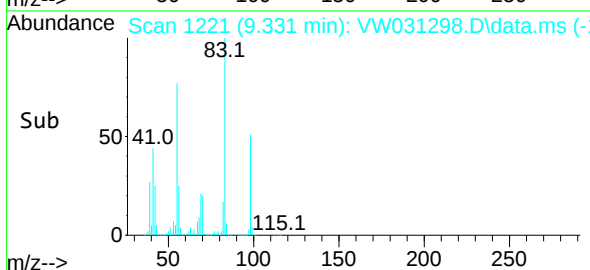
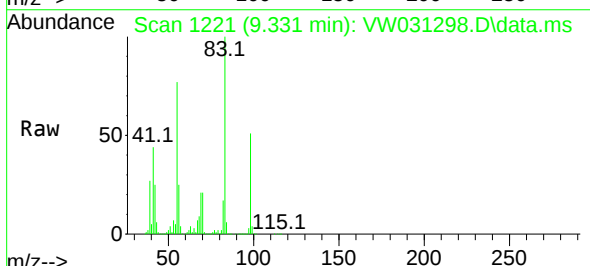
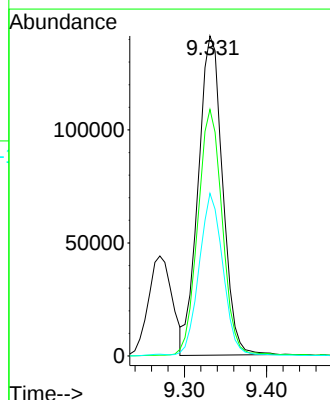
Tgt Ion: 83 Resp: 291505

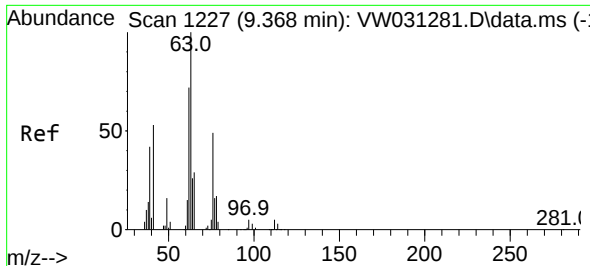
Ion Ratio Lower Upper

83 100

55 76.5 62.6 93.8

98 49.0 39.8 59.6





#37

1,2-Dichloropropane

Concen: 16.330 ug/L

RT: 9.362 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

Instrument :

MSVOA_W

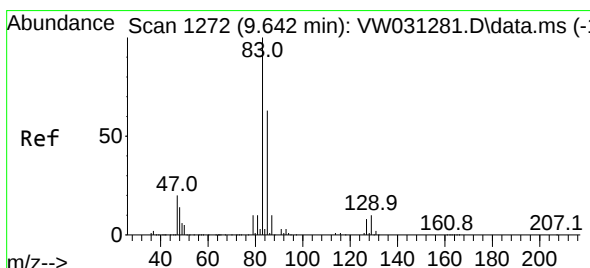
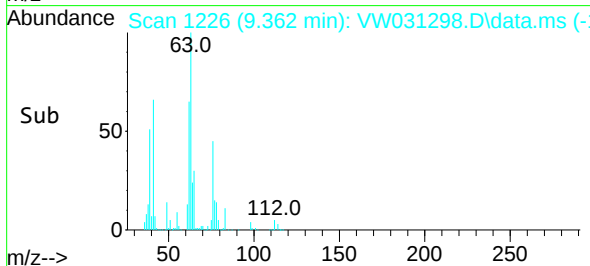
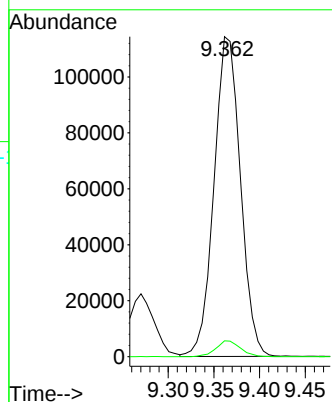
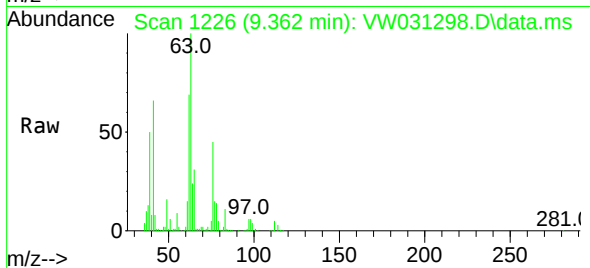
ClientSampleId :

Tgt Ion: 63 Resp: 229714

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 16.618 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

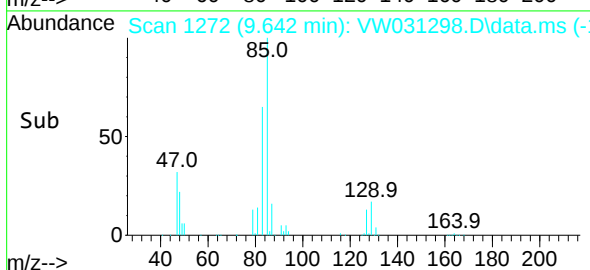
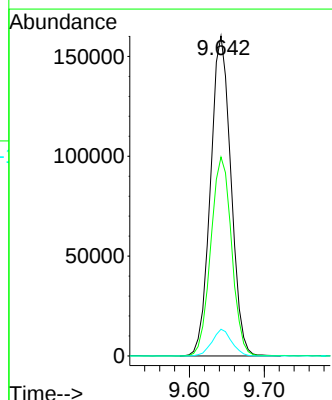
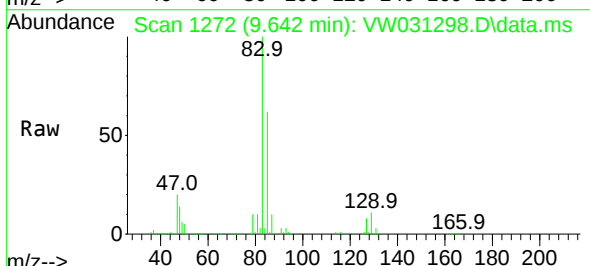
Tgt Ion: 83 Resp: 303897

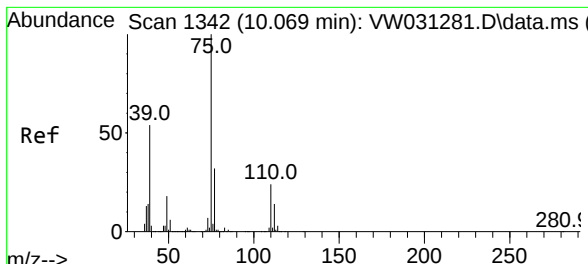
Ion Ratio Lower Upper

83 100

85 62.2 46.5 86.5

127 8.3 6.2 9.4



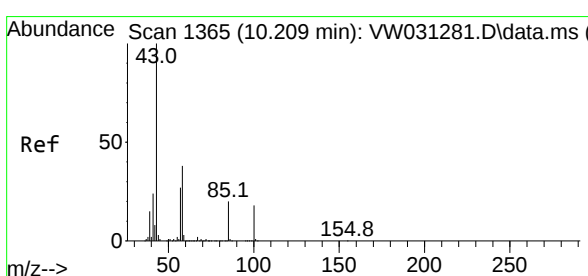
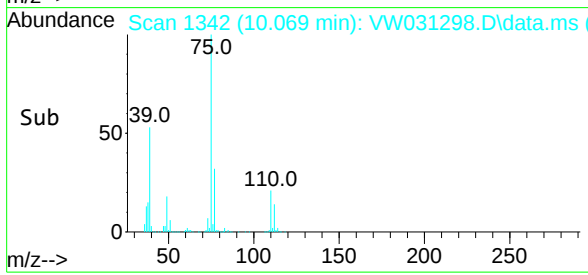
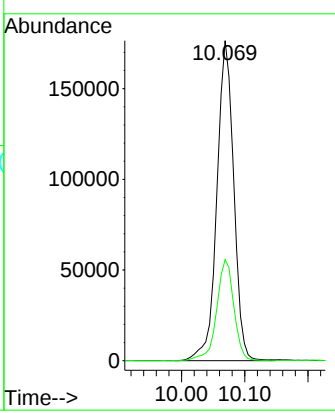
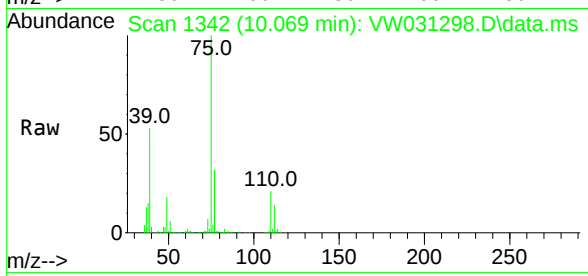


#39
 cis-1,3-Dichloropropene
 Concen: 13.730 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VW031298.D
 Acq: 17 Dec 2024 02:37

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75 Resp: 326377

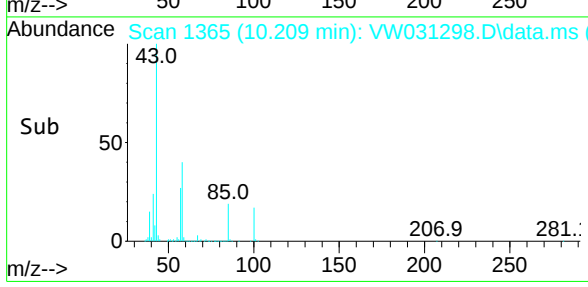
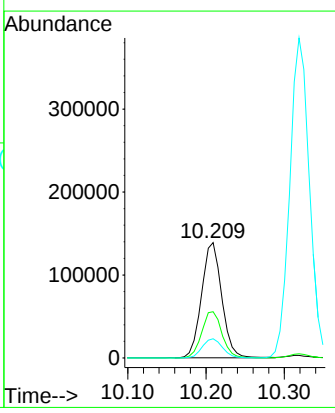
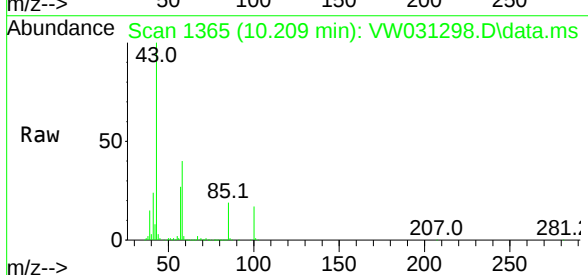
Ion	Ratio	Lower	Upper
75	100		
77	31.6	21.8	40.4

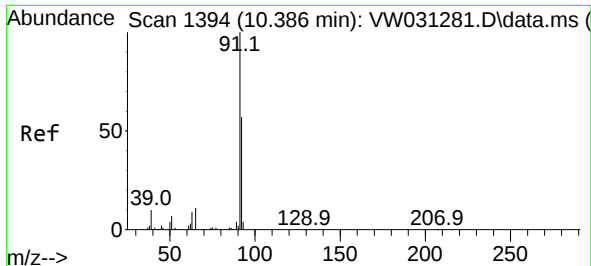


#40
 4-Methyl-2-pentanone
 Concen: 33.237 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW031298.D
 Acq: 17 Dec 2024 02:37

Tgt Ion: 43 Resp: 248056

Ion	Ratio	Lower	Upper
43	100		
58	40.5	31.1	46.7
100	16.9	13.0	19.6

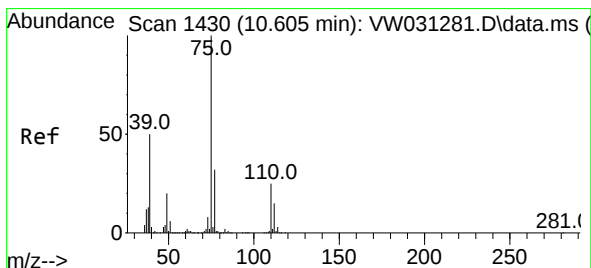
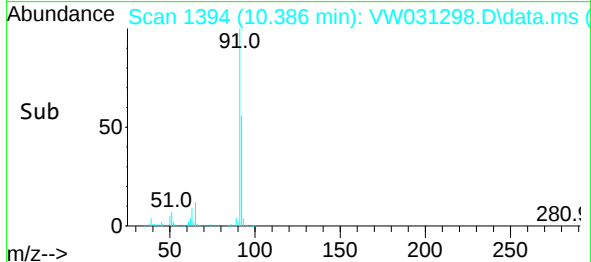
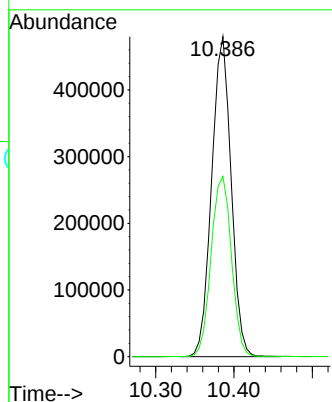
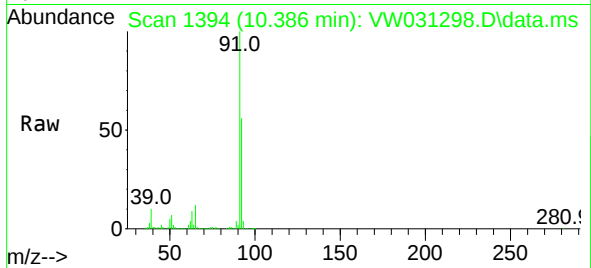




#42
Toluene
Concen: 13.495 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

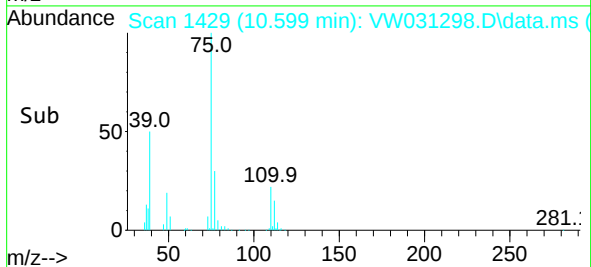
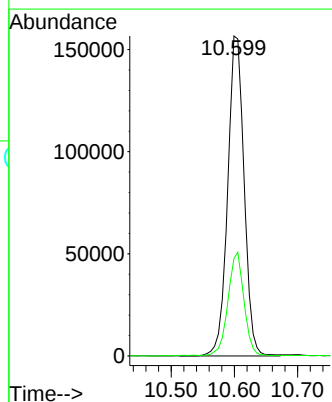
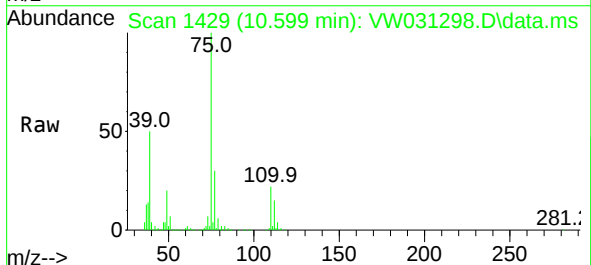
Instrument :
MSVOA_W
ClientSampleId :

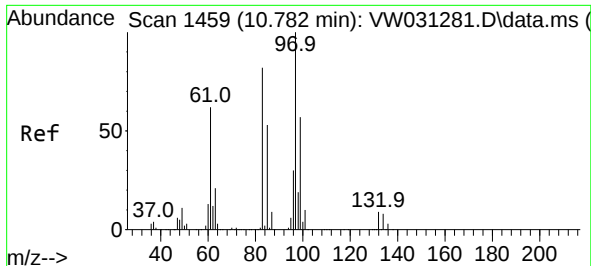
Tgt Ion: 91 Resp: 828520
Ion Ratio Lower Upper
91 100
92 56.3 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 14.513 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

Tgt Ion: 75 Resp: 281682
Ion Ratio Lower Upper
75 100
77 30.5 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 18.124 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 169580

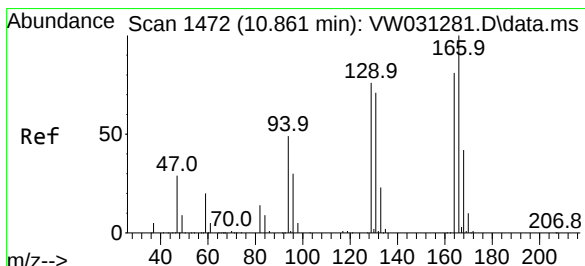
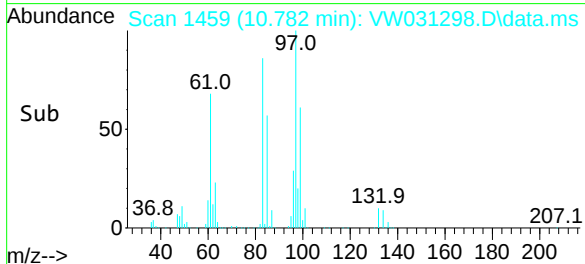
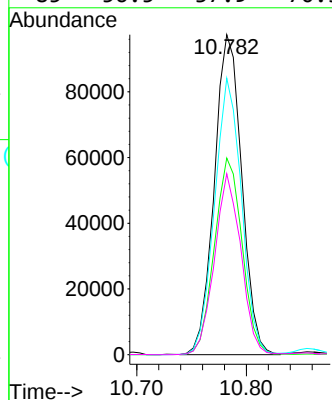
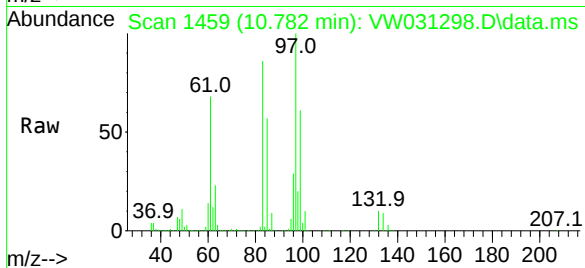
Ion Ratio Lower Upper

97 100

99 61.5 43.0 80.0

83 86.4 56.4 104.7

85 56.5 37.9 70.3



#46

Tetrachloroethene

Concen: 10.740 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

Tgt Ion:164 Resp: 125243

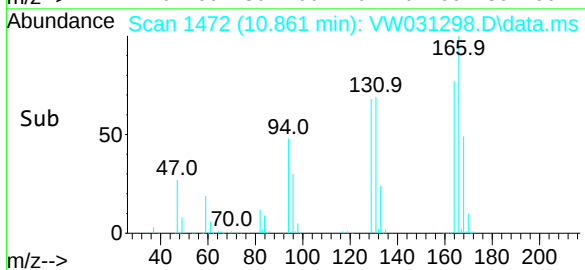
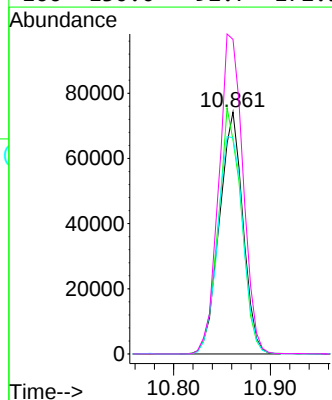
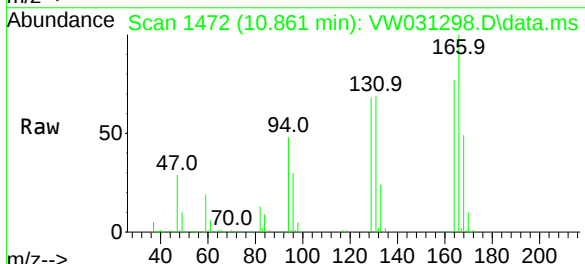
Ion Ratio Lower Upper

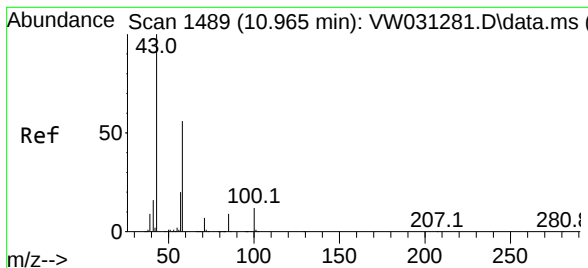
164 100

129 88.4 73.5 136.5

131 89.4 66.6 123.8

166 130.0 92.7 172.3





#48

2-Hexanone

Concen: 28.755 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

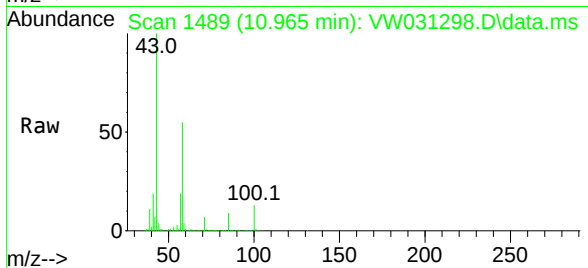
Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 182522

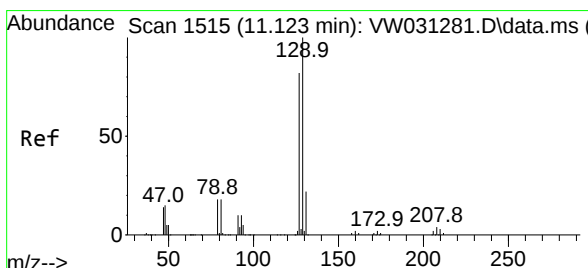
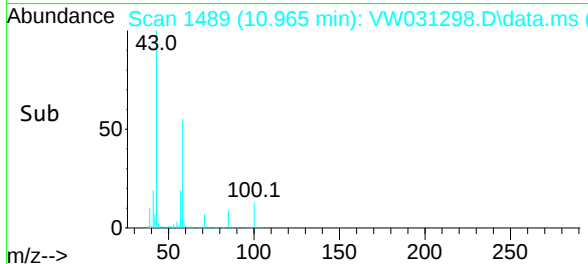
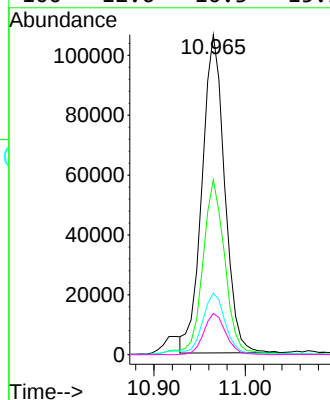
Ion Ratio Lower Upper

43 100

58 54.3 43.0 64.6

57 19.3 15.7 23.5

100 12.6 10.3 15.5



#49

Dibromochloromethane

Concen: 16.799 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW031298.D

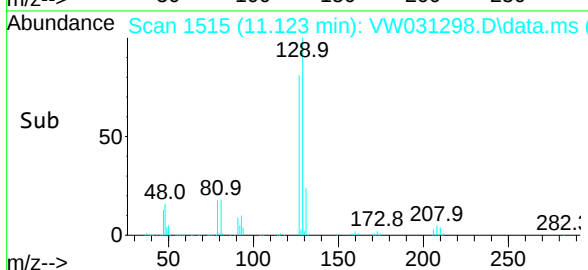
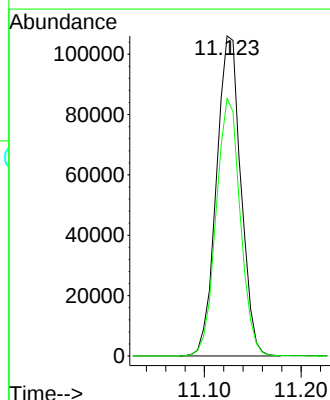
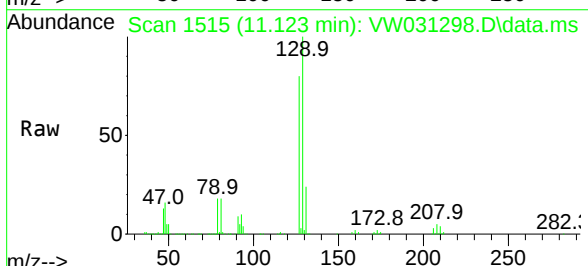
Acq: 17 Dec 2024 02:37

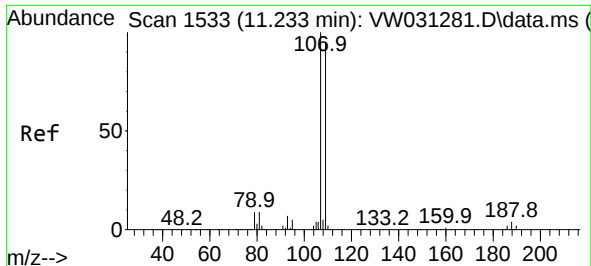
Tgt Ion: 129 Resp: 186319

Ion Ratio Lower Upper

129 100

127 80.5 57.6 107.0





#50

1,2-Dibromoethane

Concen: 17.994 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

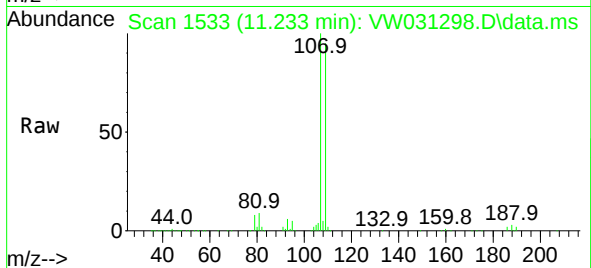
Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

Instrument :

MSVOA_W

ClientSampleId :



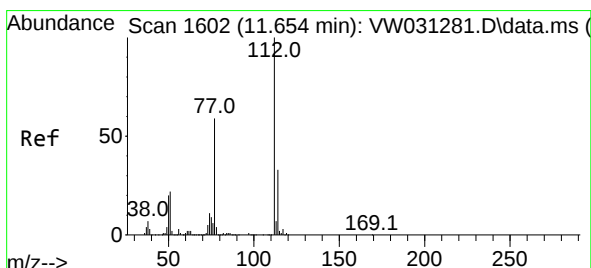
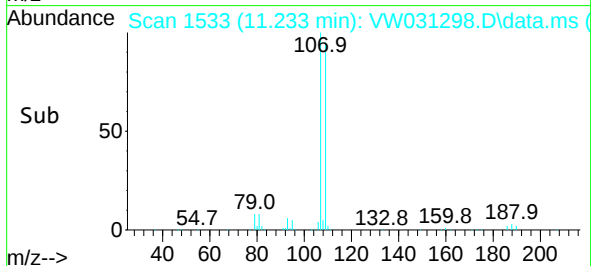
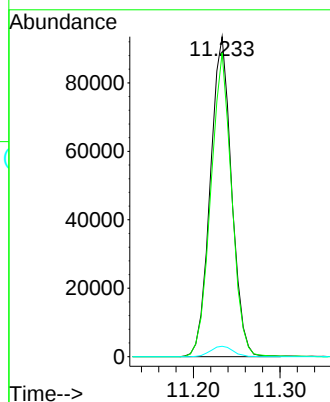
Tgt Ion:107 Resp: 159496

Ion Ratio Lower Upper

107 100

109 94.9 63.2 117.4

188 3.4 2.6 4.0



#51

Chlorobenzene

Concen: 12.917 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

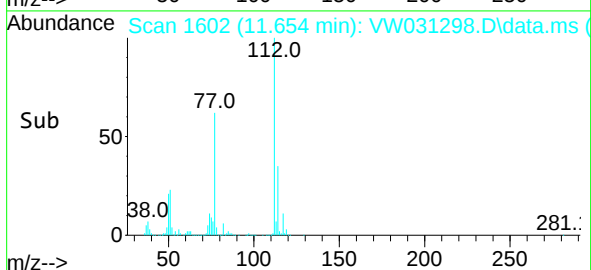
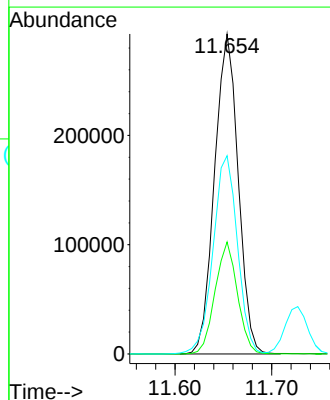
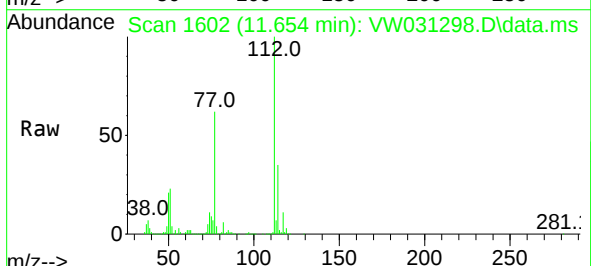
Tgt Ion:112 Resp: 497209

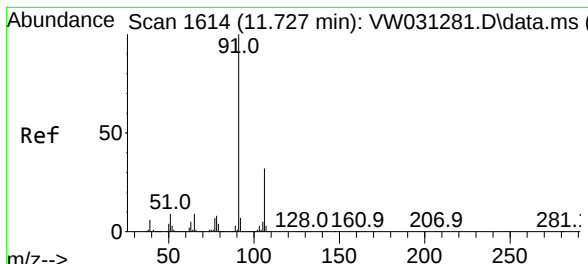
Ion Ratio Lower Upper

112 100

114 35.0 22.7 42.3

77 61.9 50.2 75.4

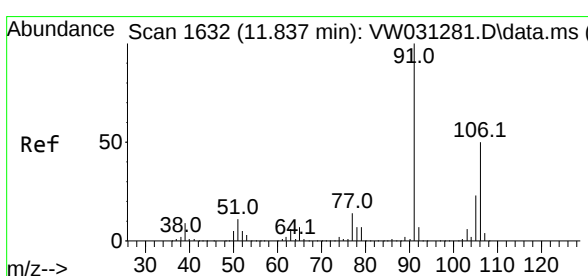
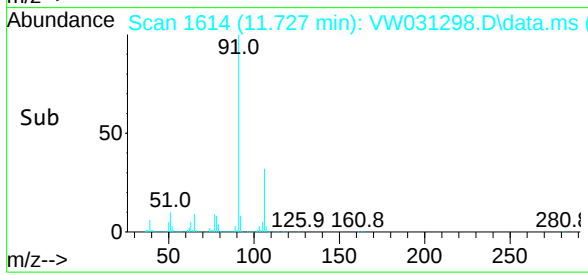
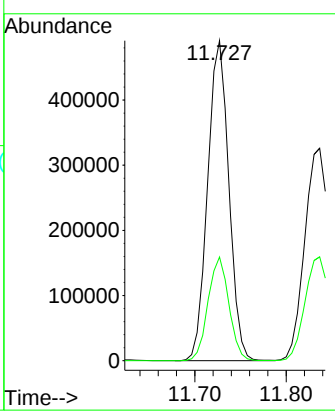
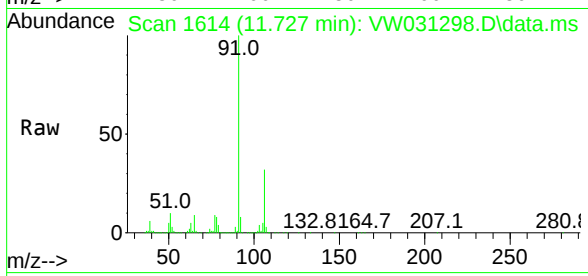




#52
 Ethylbenzene
 Concen: 11.110 ug/L
 RT: 11.727 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: VW031298.D
 Acq: 17 Dec 2024 02:37

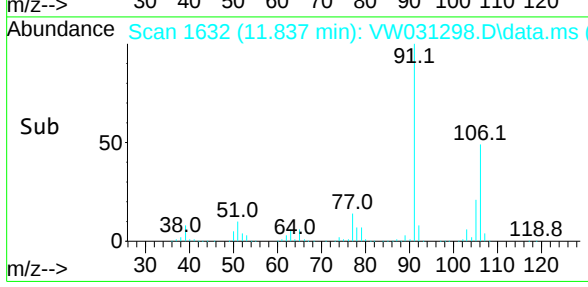
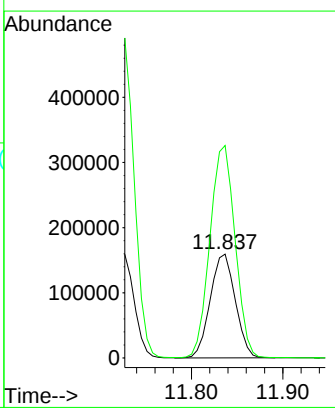
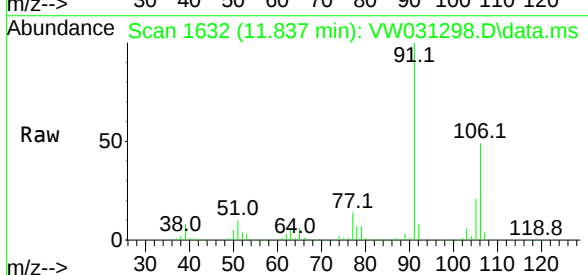
Instrument :
 MSVOA_W
 ClientSampleId :

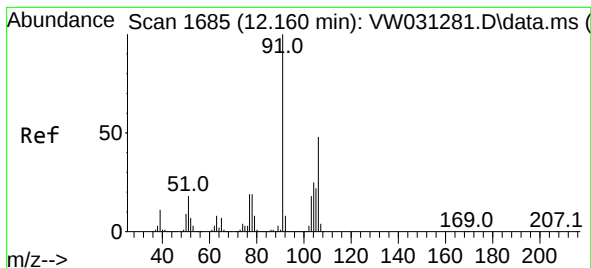
Tgt Ion: 91 Resp: 790505
 Ion Ratio Lower Upper
 91 100
 106 32.4 20.7 38.5



#53
 m,p-Xylene
 Concen: 11.186 ug/L
 RT: 11.837 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VW031298.D
 Acq: 17 Dec 2024 02:37

Tgt Ion: 106 Resp: 302985
 Ion Ratio Lower Upper
 106 100
 91 204.6 139.9 259.7





#54

o-Xylene

Concen: 12.372 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

Instrument :

MSVOA_W

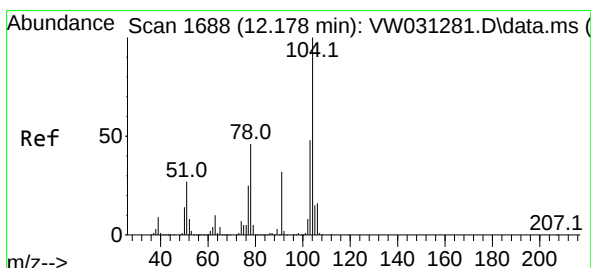
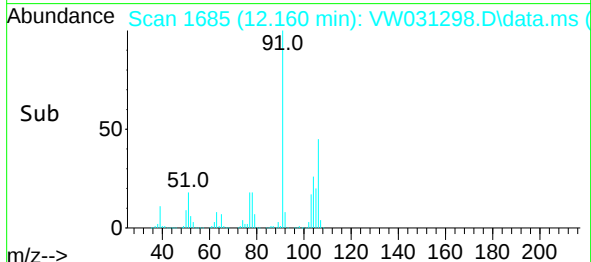
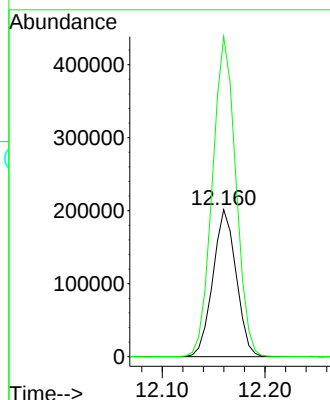
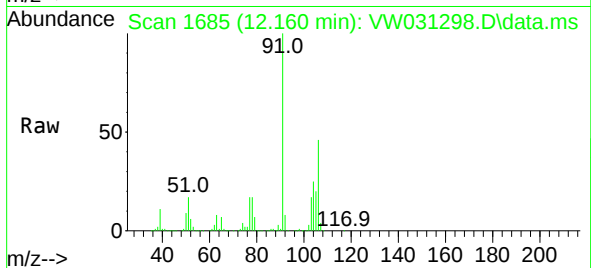
ClientSampleId :

Tgt Ion:106 Resp: 315835

Ion Ratio Lower Upper

106 100

91 217.6 153.1 284.3



#55

Styrene

Concen: 12.246 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031298.D

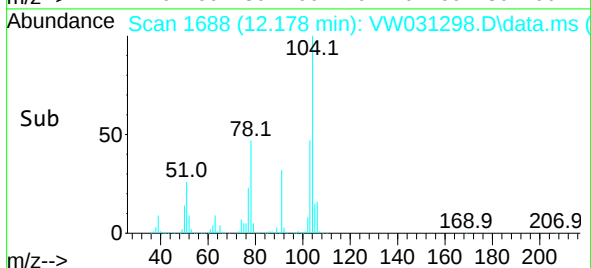
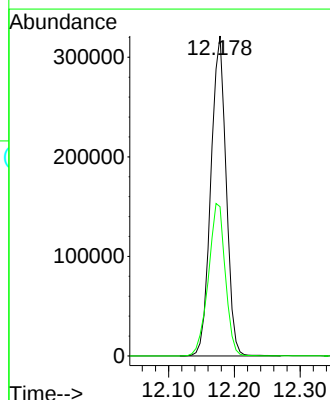
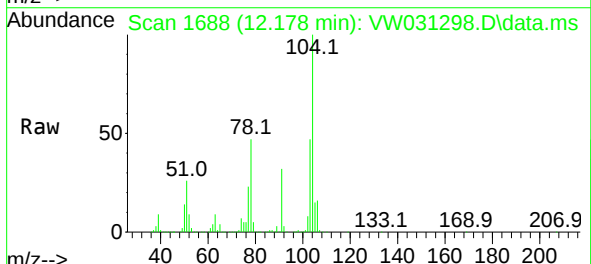
Acq: 17 Dec 2024 02:37

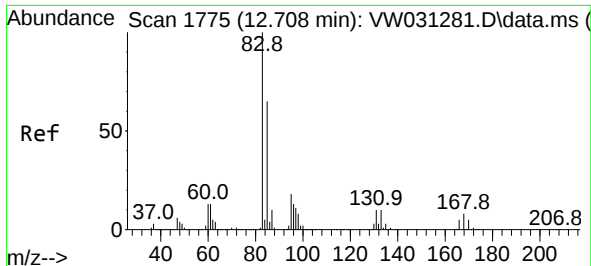
Tgt Ion:104 Resp: 519994

Ion Ratio Lower Upper

104 100

78 46.6 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 17.963 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

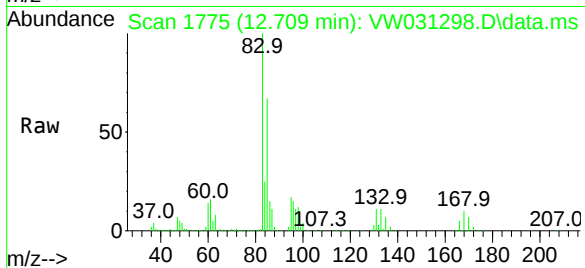
Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

Instrument :

MSVOA_W

ClientSampleId :



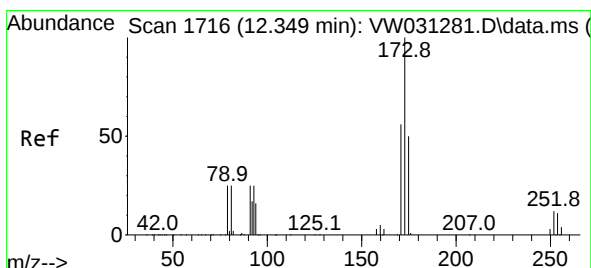
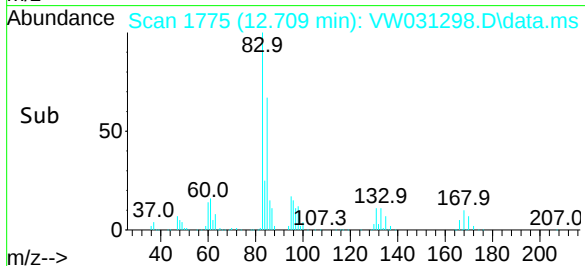
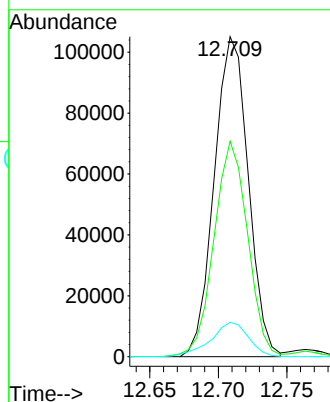
Tgt Ion: 83 Resp: 181180

Ion Ratio Lower Upper

83 100

85 67.3 44.1 81.9

131 10.8 7.9 11.9



#59

Bromoform

Concen: 20.022 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

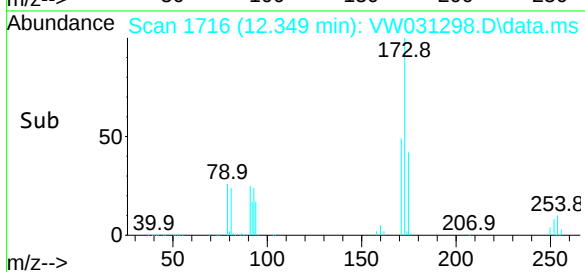
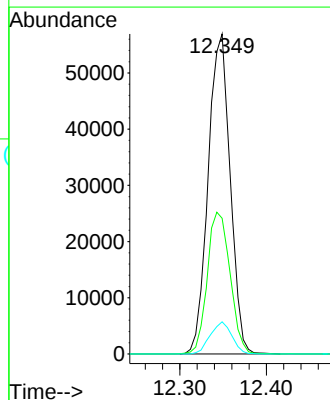
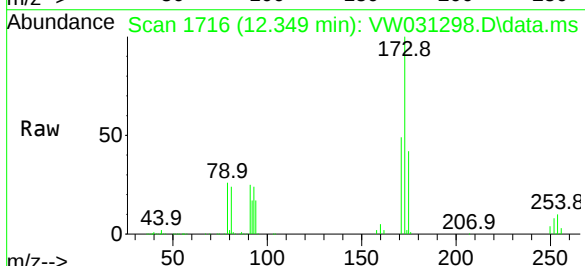
Tgt Ion:173 Resp: 100528

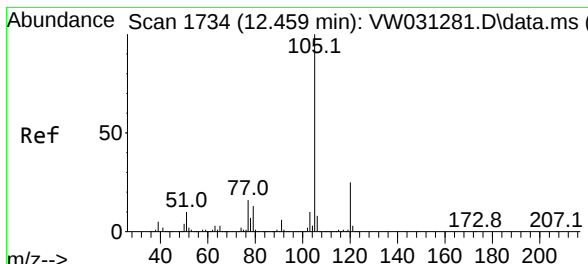
Ion Ratio Lower Upper

173 100

175 45.9 38.6 57.8

254 9.9 7.6 11.4



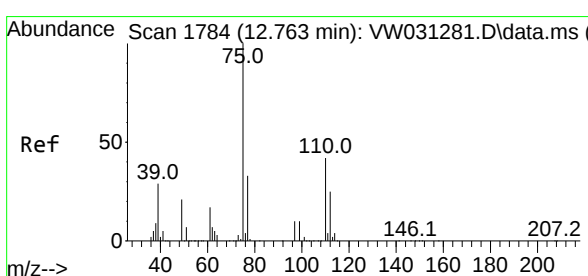
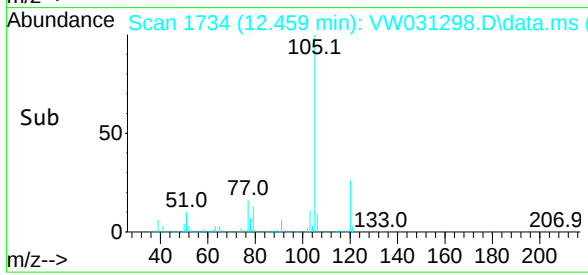
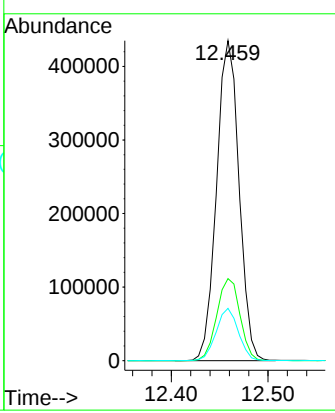
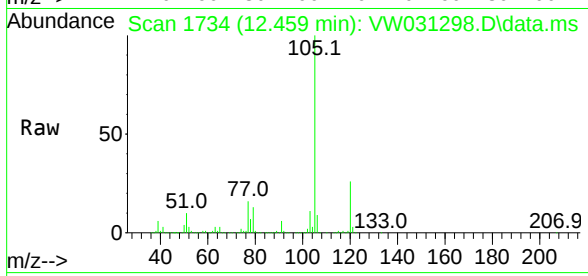


#60
Isopropylbenzene
Concen: 11.983 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 700865

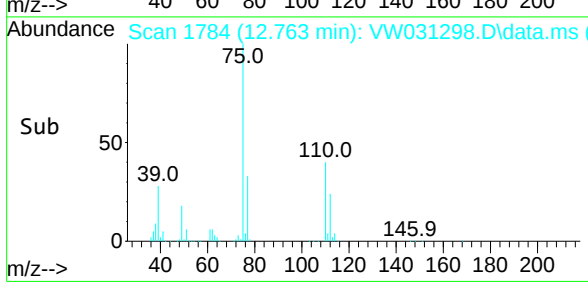
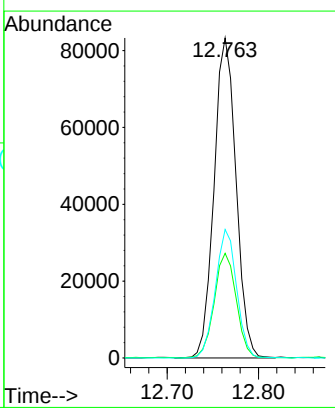
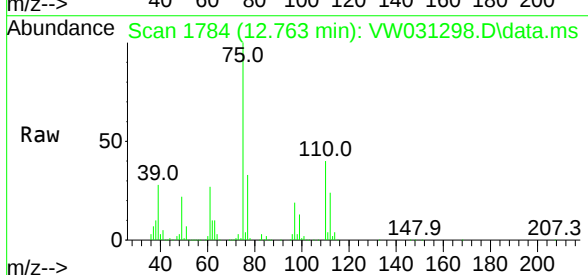
Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.6	31.0
77	16.2	12.8	19.2

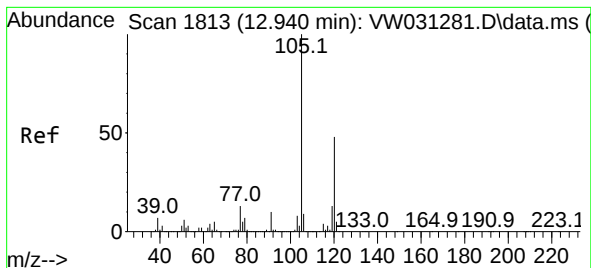


#61
1,2,3-Trichloropropane
Concen: 22.751 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

Tgt Ion: 75 Resp: 139143

Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.3	37.9
110	38.8	31.2	46.8

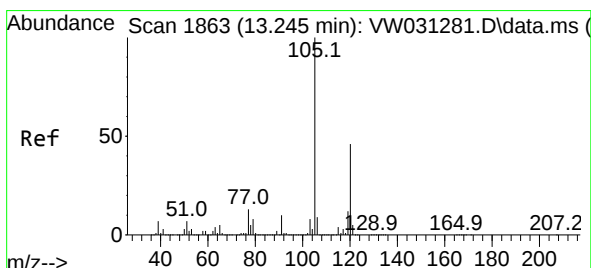
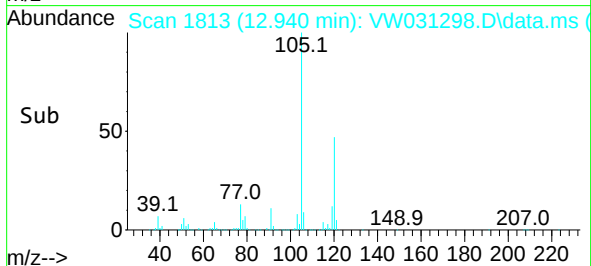
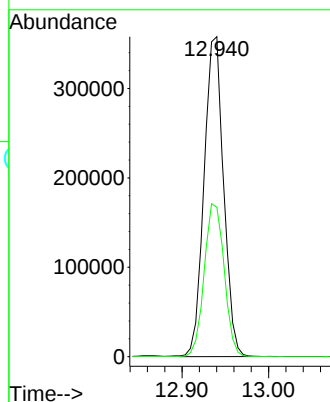
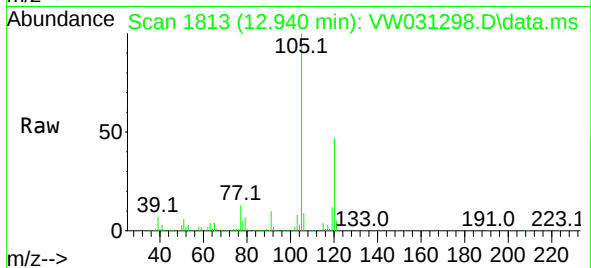




#62
1,3,5-Trimethylbenzene
Concen: 11.298 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

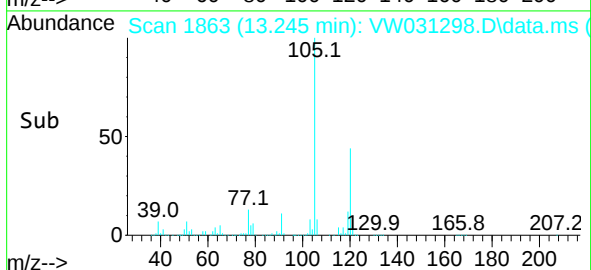
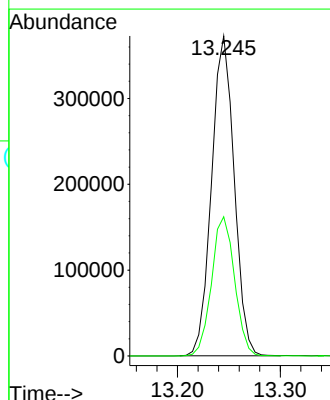
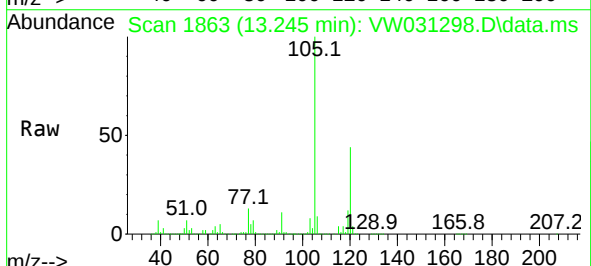
Instrument :
MSVOA_W
ClientSampleId :

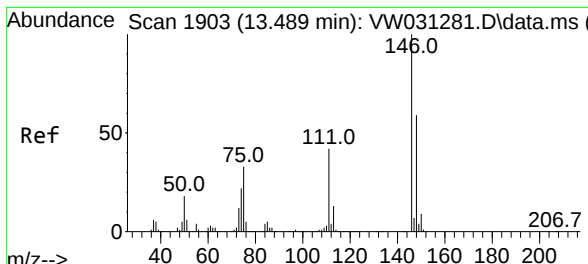
Tgt Ion:105 Resp: 560257
Ion Ratio Lower Upper
105 100
120 49.0 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 11.873 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031298.D
Acq: 17 Dec 2024 02:37

Tgt Ion:105 Resp: 569042
Ion Ratio Lower Upper
105 100
120 44.3 35.0 52.4



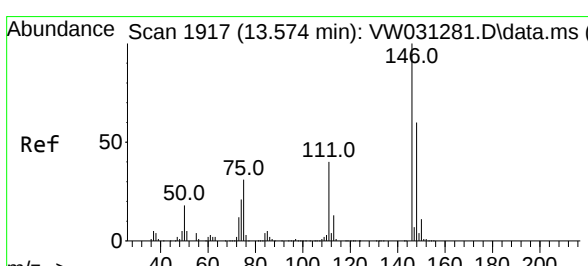
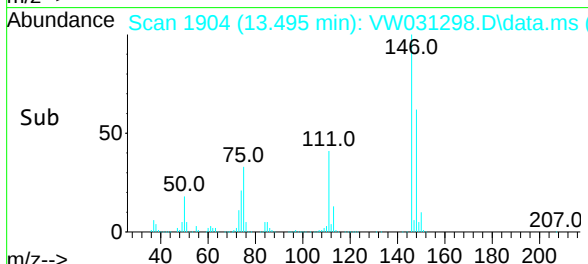
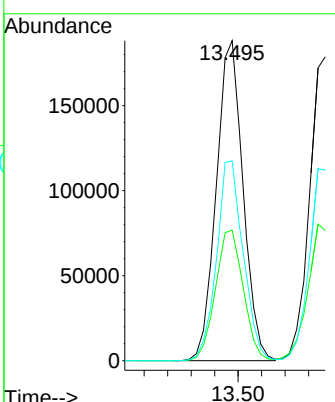
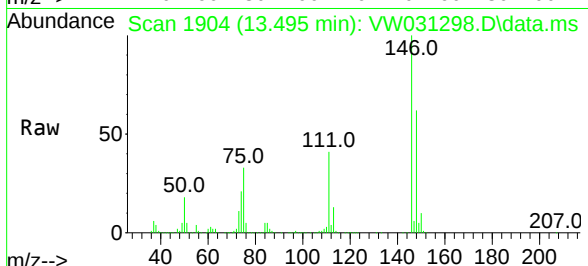


#64
 1,3-Dichlorobenzene
 Concen: 12.568 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VW031298.D
 Acq: 17 Dec 2024 02:37

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:146 Resp: 297820

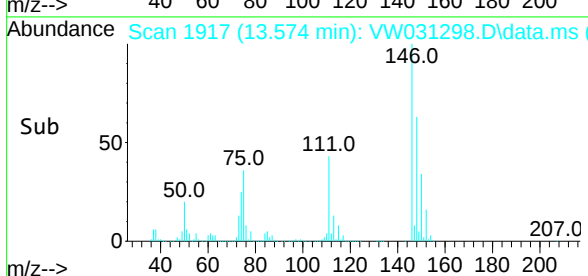
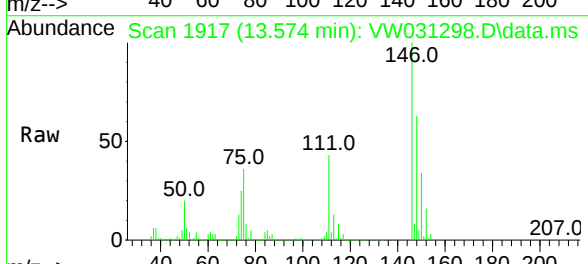
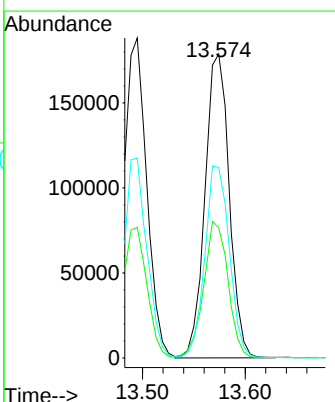
Ion	Ratio	Lower	Upper
146	100		
111	40.8	27.6	51.2
148	62.4	41.0	76.2

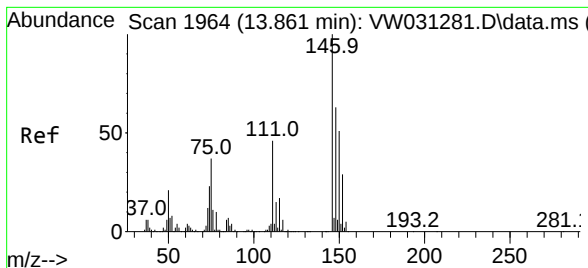


#65
 1,4-Dichlorobenzene
 Concen: 12.445 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW031298.D
 Acq: 17 Dec 2024 02:37

Tgt Ion:146 Resp: 292193

Ion	Ratio	Lower	Upper
146	100		
111	42.9	30.7	56.9
148	62.6	46.5	86.3





#67

1,2-Dichlorobenzene

Concen: 14.241 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

Instrument :

MSVOA_W

ClientSampleId :

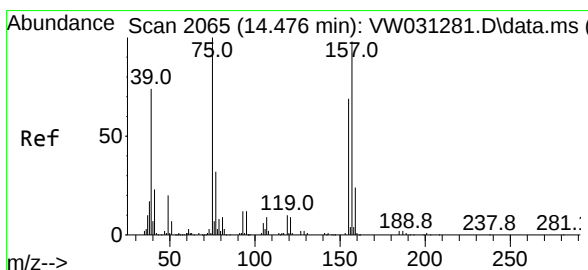
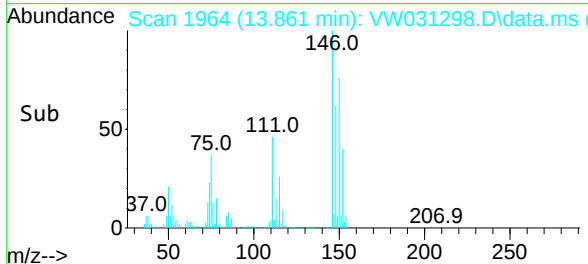
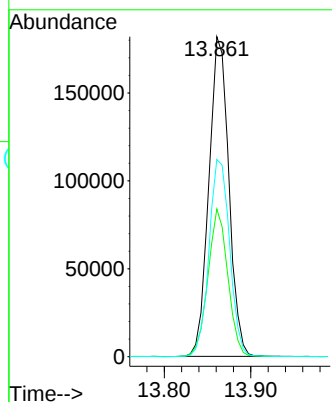
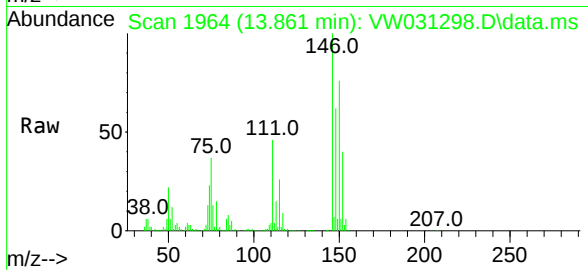
Tgt Ion:146 Resp: 290766

Ion Ratio Lower Upper

146 100

111 46.2 38.6 58.0

148 61.7 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 20.067 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

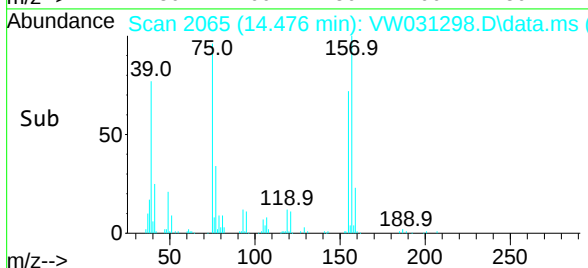
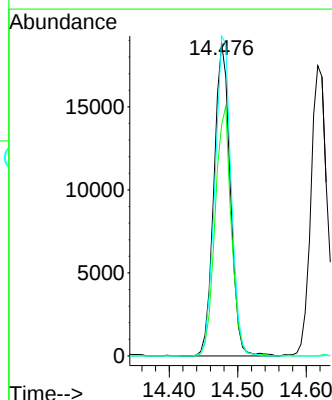
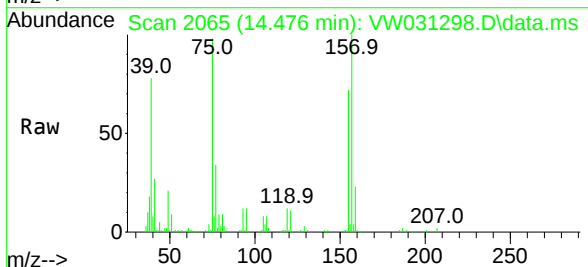
Tgt Ion: 75 Resp: 31144

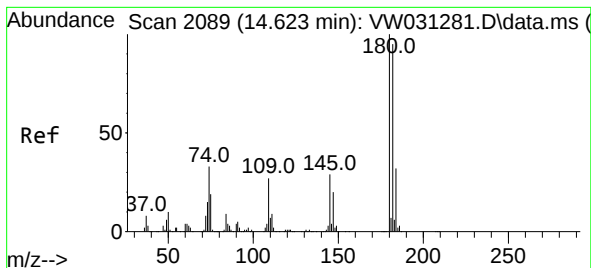
Ion Ratio Lower Upper

75 100

155 73.8 56.6 85.0

157 102.3 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 9.138 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 151650

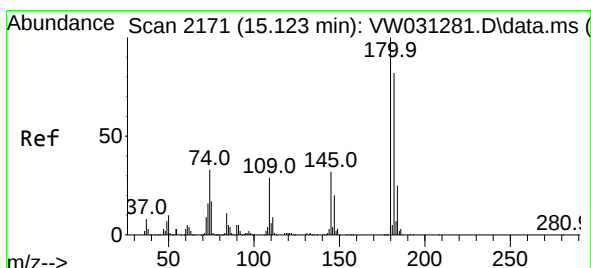
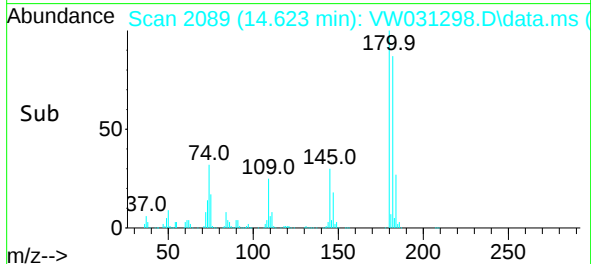
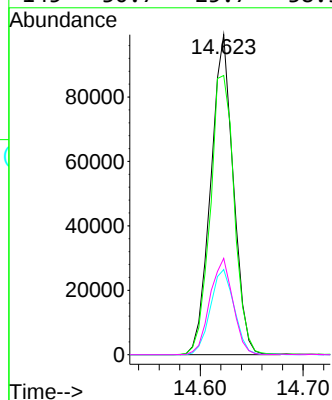
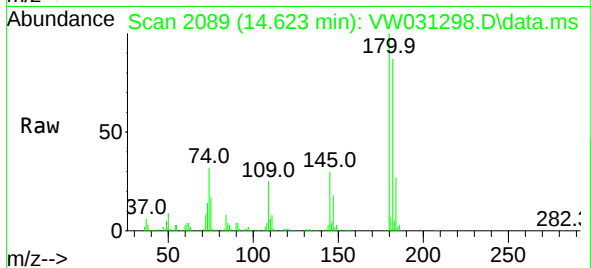
Ion Ratio Lower Upper

180 100

182 93.1 75.0 112.4

184 27.9 24.6 36.8

145 30.7 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 9.418 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

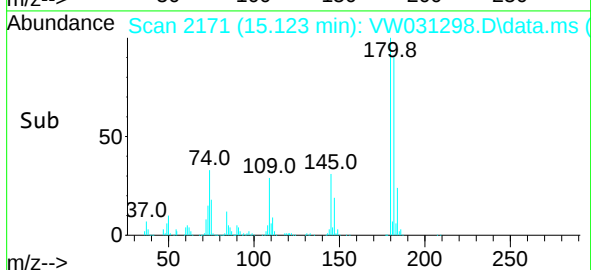
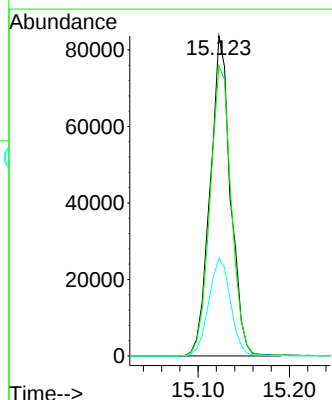
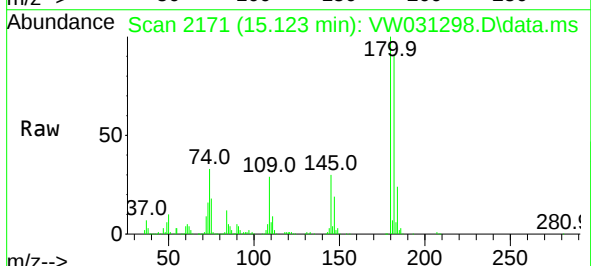
Tgt Ion:180 Resp: 130017

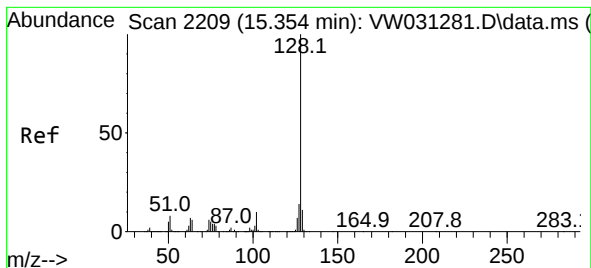
Ion Ratio Lower Upper

180 100

182 94.2 78.2 117.2

145 32.8 26.7 40.1





#71

Naphthalene

Concen: 16.169 ug/L

RT: 15.354 min Scan# 21

Delta R.T. 0.000 min

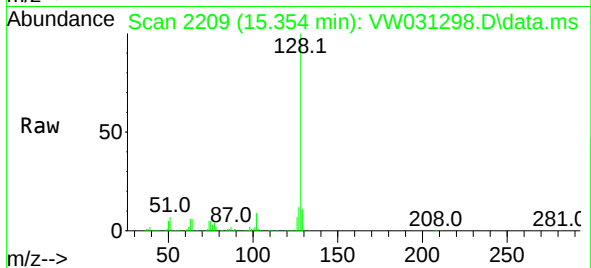
Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

Instrument :

MSVOA_W

ClientSampleId :



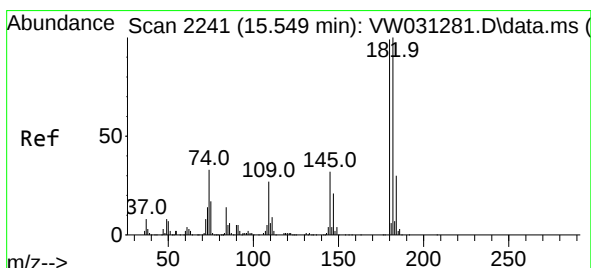
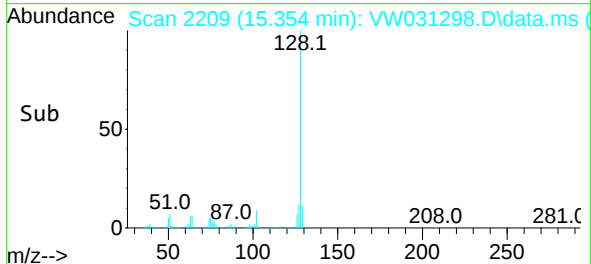
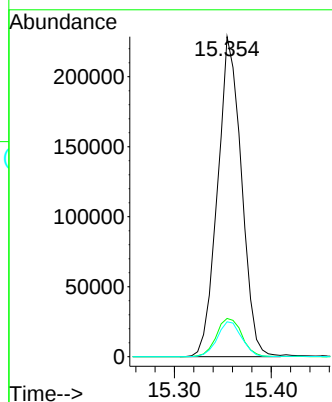
Tgt Ion:128 Resp: 391344

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 11.2 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 10.787 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031298.D

Acq: 17 Dec 2024 02:37

Tgt Ion:180 Resp: 119988

Ion Ratio Lower Upper

180 100

182 93.9 75.0 112.4

145 34.9 27.8 41.6

