

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
 Data File : VW031302.D
 Acq On : 17 Dec 2024 04:37
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 12:45:58 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	632846	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	552299	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	270635	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	243685	25.592	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.360%	
7) Chloroethane-d5	2.893	69	193384	27.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.840%	
11) 1,1-Dichloroethene-d2	4.015	65	114545	25.360	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.440%	
21) 2-Butanone-d5	7.093	46	128069	71.419	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 142.840%#	
24) Chloroform-d	7.648	84	495659	28.586	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 114.360%	
26) 1,2-Dichloroethane-d4	8.301	65	273275	31.382	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 125.520%	
32) Benzene-d6	8.276	84	972002	27.458	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 109.840%	
36) 1,2-Dichloropropane-d6	9.270	67	292102	28.313	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 113.240%	
41) Toluene-d8	10.318	98	915451	27.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 111.200%	
43) trans-1,3-Dichloroprop...	10.575	79	130286	27.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 109.560%	
47) 2-Hexanone-d5	10.922	63	101538	73.184	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 146.360%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	221044	34.124	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 136.480%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	295279	29.390	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 117.560%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	139347	24.364	ug/L	99
3) Chloromethane	2.228	50	207987	32.370	ug/L	96
5) Vinyl chloride	2.375	62	228486	25.660	ug/L	97
6) Bromomethane	2.789	94	154499	28.222	ug/L	99
8) Chloroethane	2.930	64	145815	27.536	ug/L	98
9) Trichlorofluoromethane	3.259	101	269417	28.401	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	200944	26.233	ug/L #	71
12) 1,1-Dichloroethene	4.039	96	204421	26.349	ug/L	95
13) Acetone	4.173	43	84332	33.769	ug/L #	100
14) Carbon disulfide	4.387	76	624498	24.682	ug/L	99
15) Methyl Acetate	4.685	43	97204	34.270	ug/L	98
16) Methylene chloride	4.917	84	219432	27.558	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	228454	27.318	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	442501	31.651	ug/L	99
19) 1,1-Dichloroethane	6.209	63	441038	28.223	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	259209	28.649	ug/L	98
22) 2-Butanone	7.191	43	136122	44.985	ug/L	97
23) Bromochloromethane	7.514	128	114029	31.600	ug/L	91
25) Chloroform	7.673	83	460814	29.878	ug/L	98

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 Response via : Initial Calibration

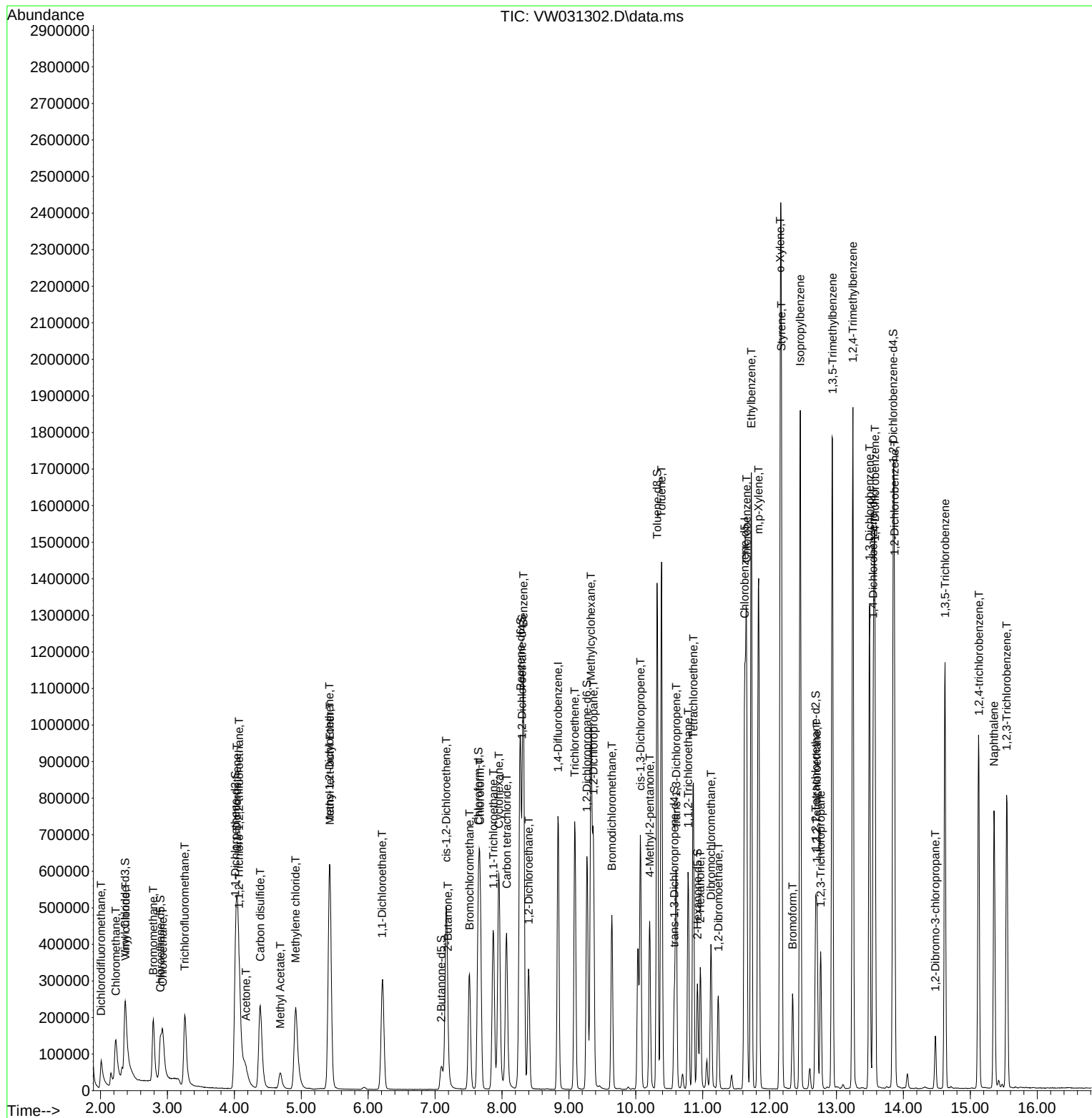
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	308106	31.776	ug/L	98
29) Cyclohexane	7.953	56	362245	24.185	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	363768	25.482	ug/L	99
31) Carbon tetrachloride	8.069	117	327384	25.742	ug/L	99
33) Benzene	8.319	78	955790	28.004	ug/L	100
34) Trichloroethene	9.087	95	263890	27.386	ug/L	90
35) Methylcyclohexane	9.331	83	416124	24.798	ug/L	99
37) 1,2-Dichloropropane	9.367	63	247557	29.075	ug/L	100
38) Bromodichloromethane	9.642	83	317869	28.717	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	397118	27.601	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	302474	66.959	ug/L	99
42) Toluene	10.386	91	1032811	27.794	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	332637	28.314	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	185576	32.768	ug/L	94
46) Tetrachloroethene	10.861	164	191735	27.165	ug/L	86
48) 2-Hexanone	10.965	43	208466	54.261	ug/L	100
49) Dibromochloromethane	11.123	129	208468	31.053	ug/L	93
50) 1,2-Dibromoethane	11.233	107	173075	32.260	ug/L	89
51) Chlorobenzene	11.654	112	660148	28.334	ug/L	96
52) Ethylbenzene	11.727	91	1172536	27.226	ug/L	98
53) m,p-Xylene	11.836	106	450535	27.480	ug/L	96
54) o-Xylene	12.160	106	444043	28.737	ug/L	96
55) Styrene	12.178	104	748119	29.107	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	208687	34.182	ug/L	100
59) Bromoform	12.342	173	116614	30.672	ug/L	98
60) Isopropylbenzene	12.458	105	1209600	27.312	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	156634	33.823	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	992354	26.429	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	976860	26.917	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	508670	28.348	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	490172	27.571	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	441693	28.569	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	36956	31.446	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	351418	27.963	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	292173	27.949	ug/L	97
71) Naphthalene	15.354	128	643548	35.113	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	267954	31.813	ug/L	98

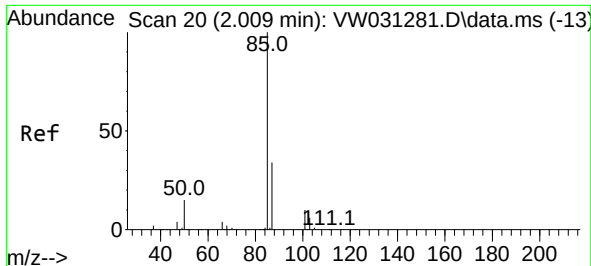
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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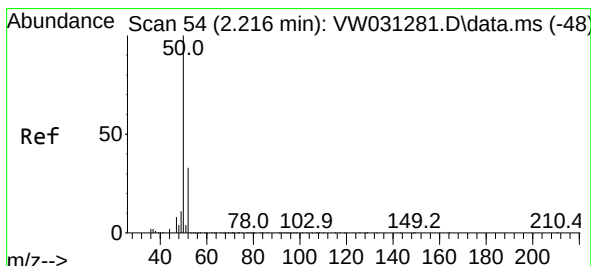
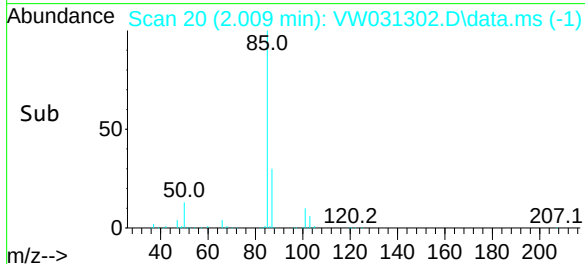
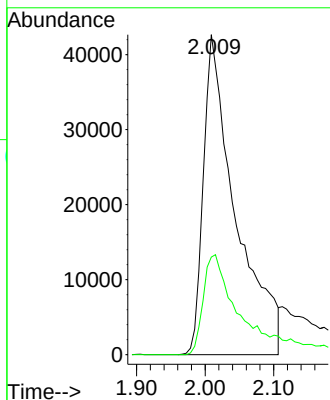
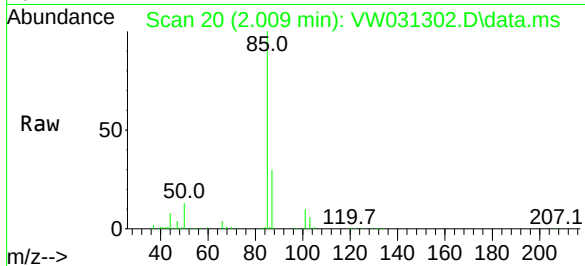




#2
 Dichlorodifluoromethane
 Concen: 24.364 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VW031302.D
 Acq: 17 Dec 2024 04:37

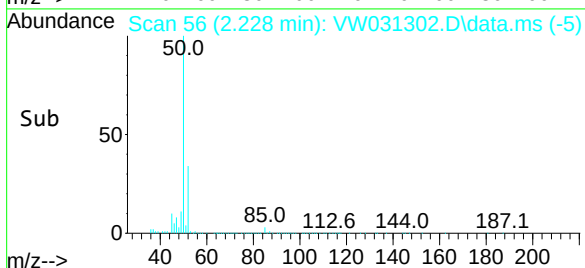
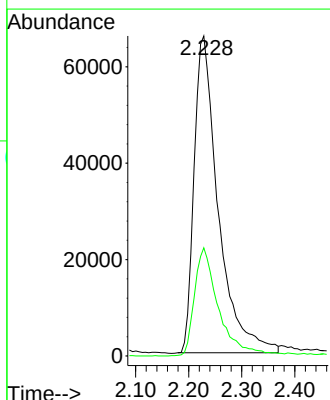
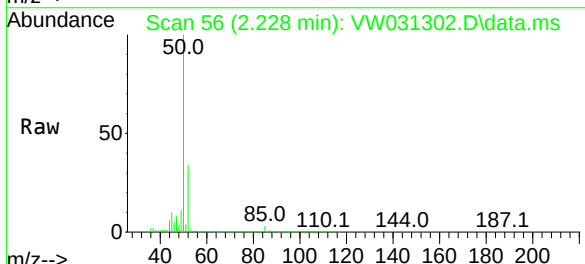
Instrument :
 MSVOA_W
 ClientSampleId :

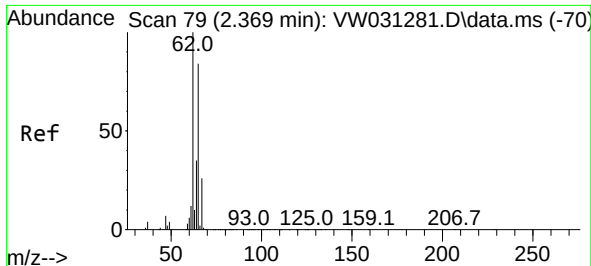
Tgt Ion: 85 Resp: 139347
 Ion Ratio Lower Upper
 85 100
 87 31.7 24.9 37.3



#3
 Chloromethane
 Concen: 32.370 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.012 min
 Lab File: VW031302.D
 Acq: 17 Dec 2024 04:37

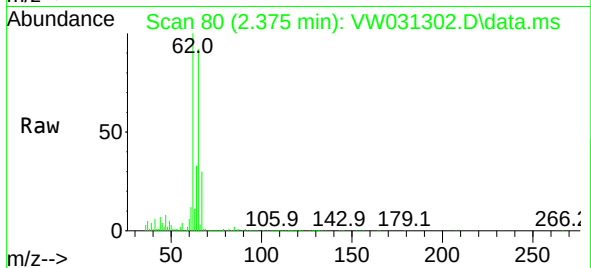
Tgt Ion: 50 Resp: 207987
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.0 41.0



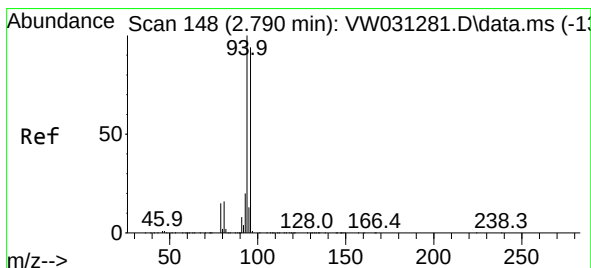
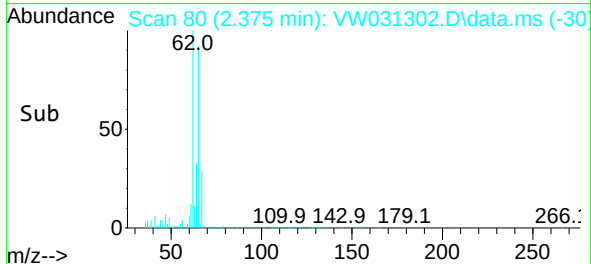
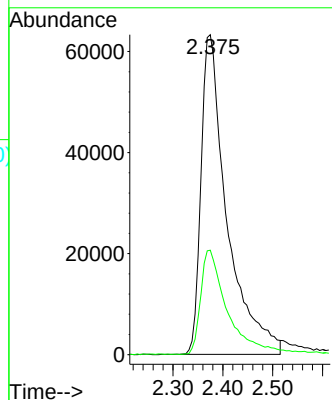


#5
 Vinyl chloride
 Concen: 25.660 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW031302.D
 Acq: 17 Dec 2024 04:37

Instrument :
 MSVOA_W
 ClientSampleId :

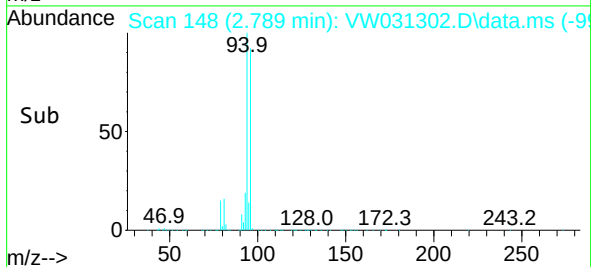
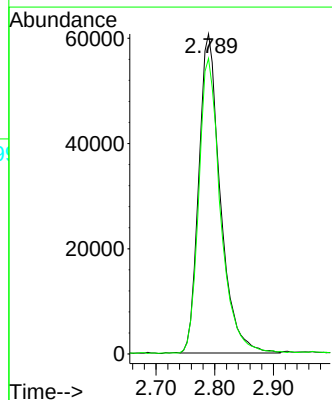
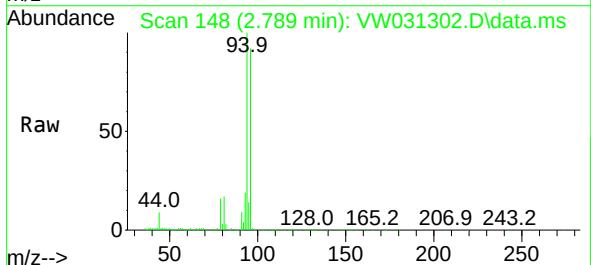


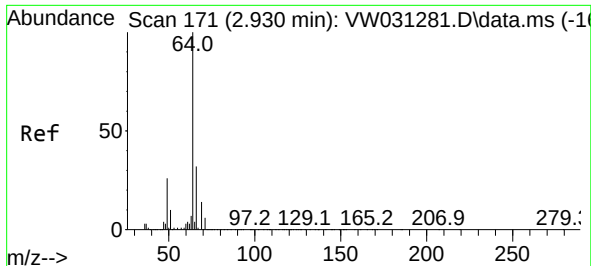
Tgt Ion: 62 Resp: 228486
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.1 44.8



#6
 Bromomethane
 Concen: 28.222 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW031302.D
 Acq: 17 Dec 2024 04:37

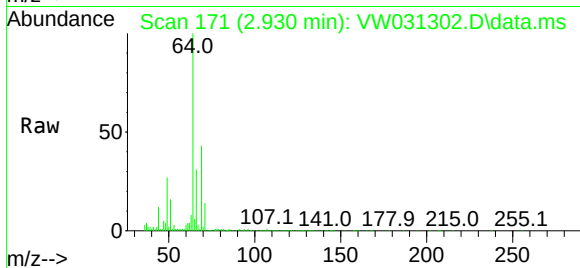
Tgt Ion: 94 Resp: 154499
 Ion Ratio Lower Upper
 94 100
 96 92.3 65.6 121.8



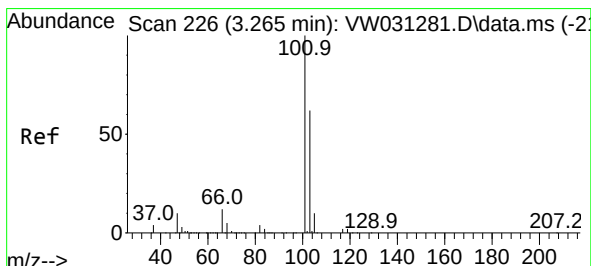
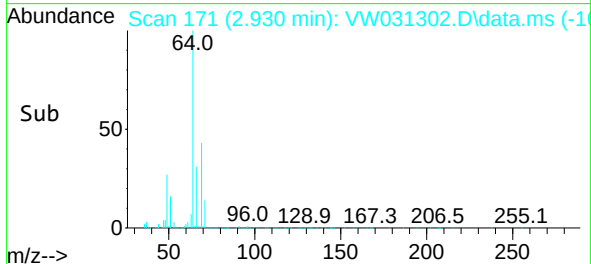
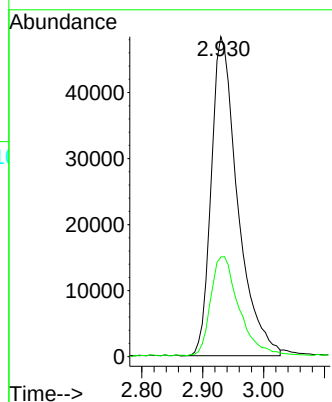


#8
Chloroethane
Concen: 27.536 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

Instrument :
MSVOA_W
ClientSampleId :

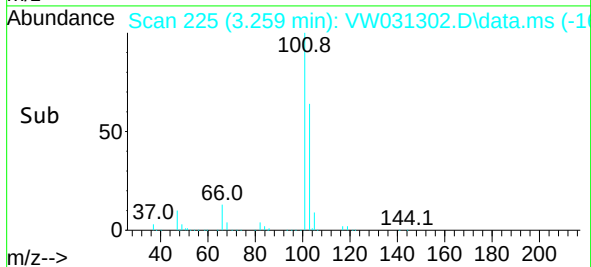
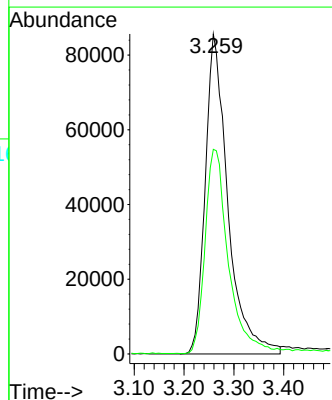
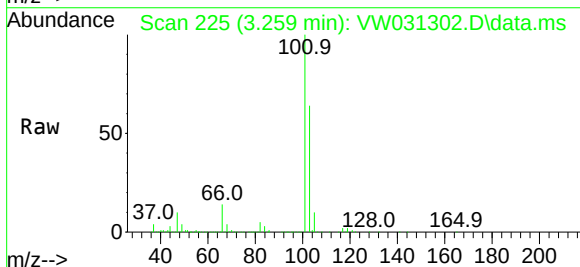


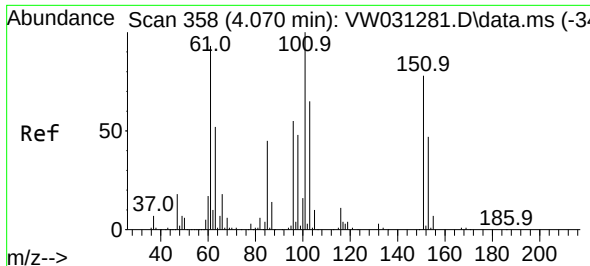
Tgt Ion: 64 Resp: 145815
Ion Ratio Lower Upper
64 100
66 31.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 28.401 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

Tgt Ion: 101 Resp: 269417
Ion Ratio Lower Upper
101 100
103 65.5 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 26.233 ug/L

RT: 4.070 min Scan# 31

Delta R.T. -0.000 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

Instrument :

MSVOA_W

ClientSampleId :

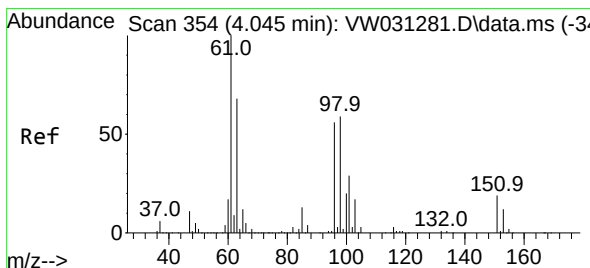
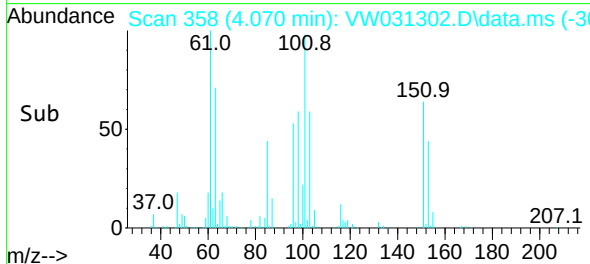
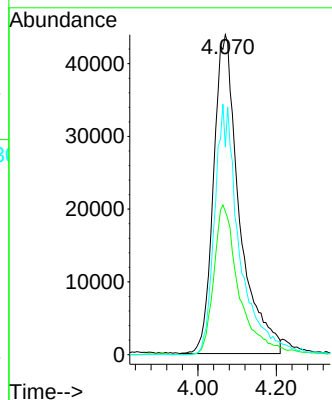
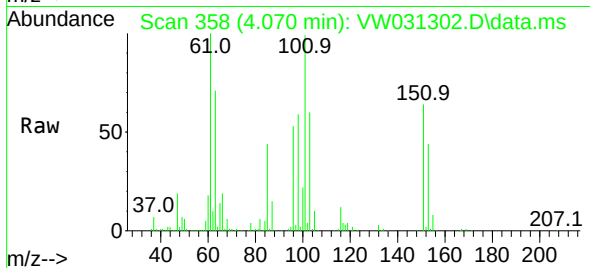
Tgt Ion:101 Resp: 200944

Ion Ratio Lower Upper

101 100

85 44.8 33.0 49.4

151 33.7 54.8 82.2#



#12

1,1-Dichloroethene

Concen: 26.349 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

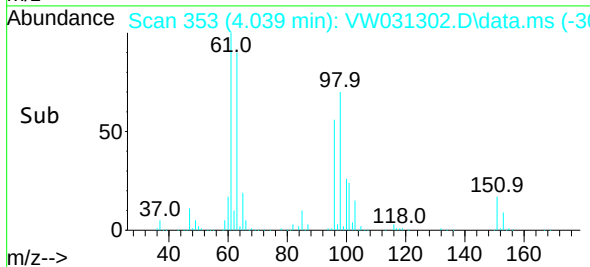
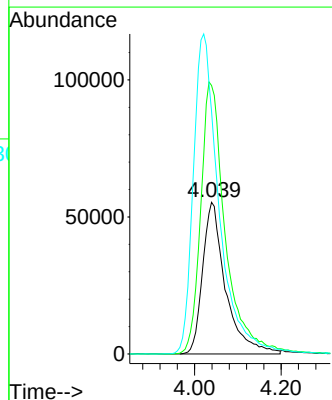
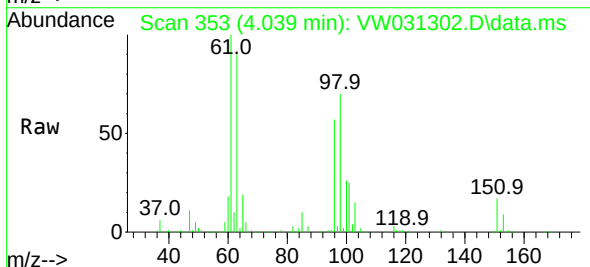
Tgt Ion: 96 Resp: 204421

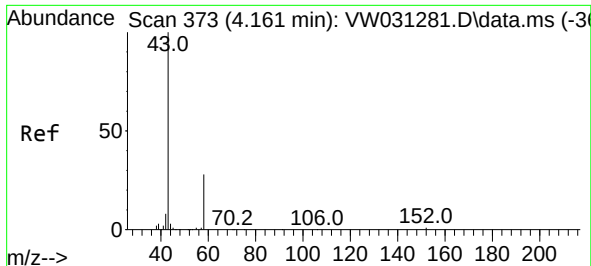
Ion Ratio Lower Upper

96 100

61 177.0 125.3 232.7

63 159.8 104.6 194.2





#13

Acetone

Concen: 33.769 ug/L

RT: 4.173 min Scan# 31

Delta R.T. 0.012 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

Instrument :

MSVOA_W

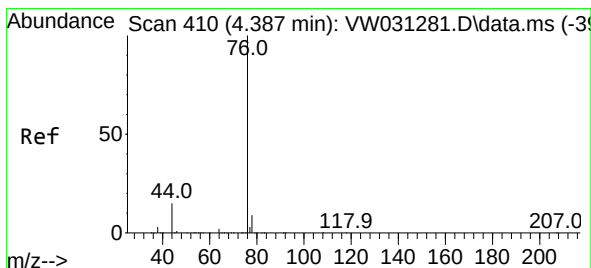
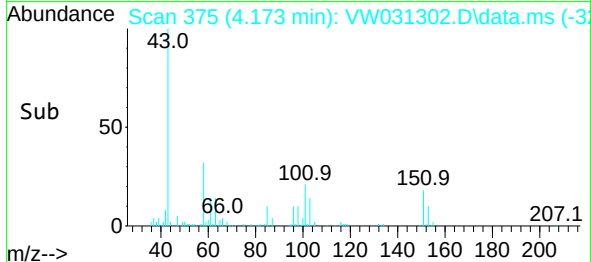
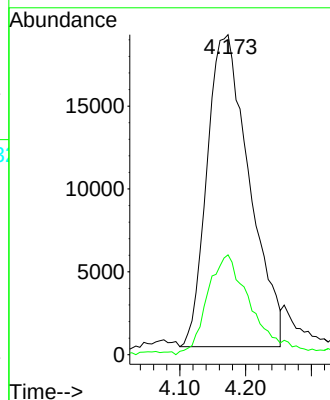
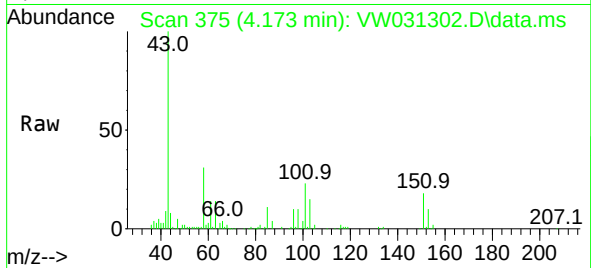
ClientSampleId :

Tgt Ion: 43 Resp: 84332

Ion Ratio Lower Upper

43 100

58 31.5 0.0 0.0#



#14

Carbon disulfide

Concen: 24.682 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.000 min

Lab File: VW031302.D

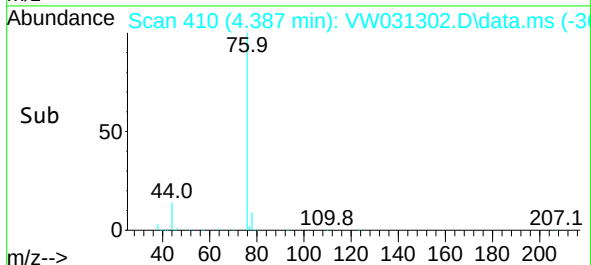
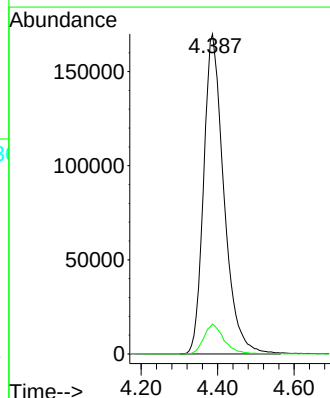
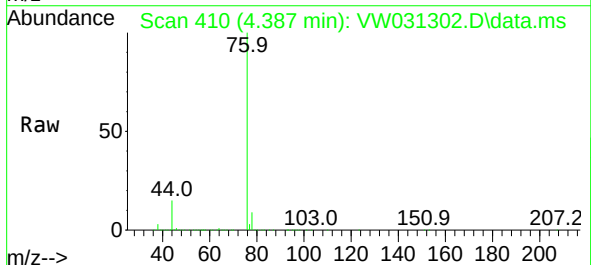
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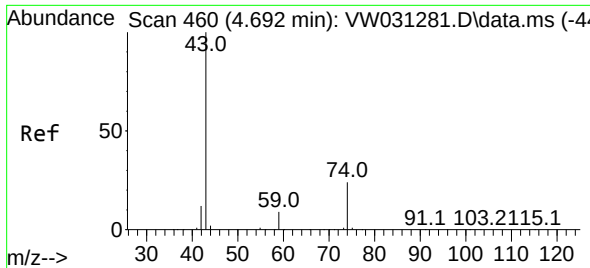
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Ion Ratio Lower Upper

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78 9.3 7.3 10.9

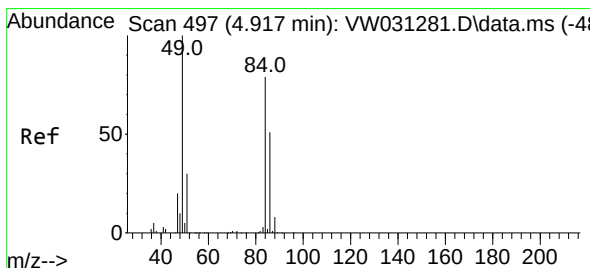
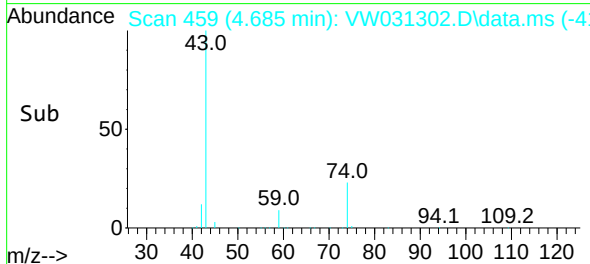
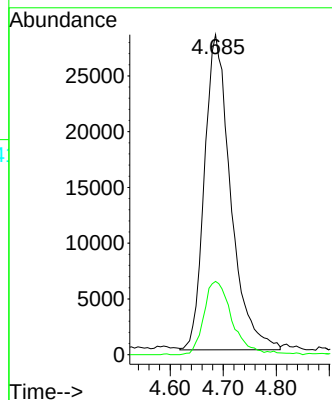
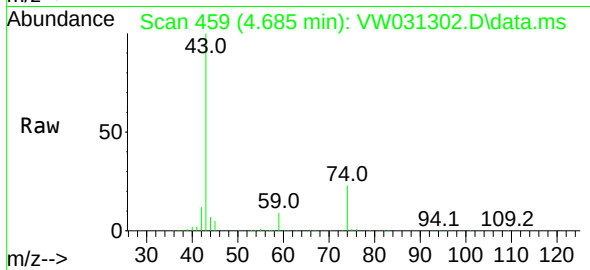




#15
Methyl Acetate
Concen: 34.270 ug/L
RT: 4.685 min Scan# 4
Delta R.T. -0.006 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

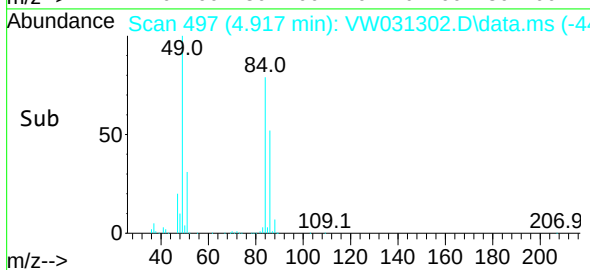
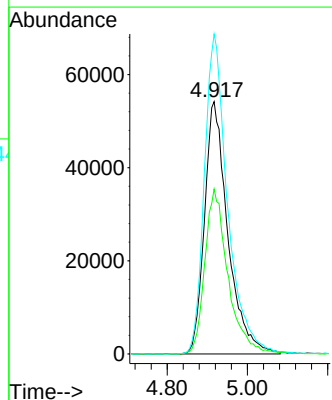
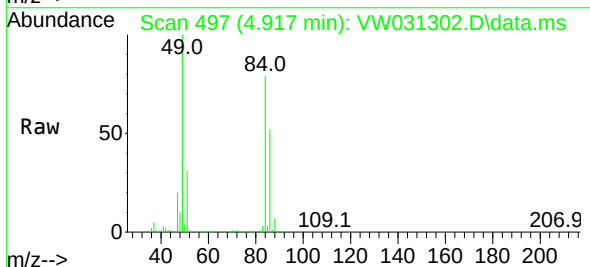
Instrument :
MSVOA_W
ClientSampleId :

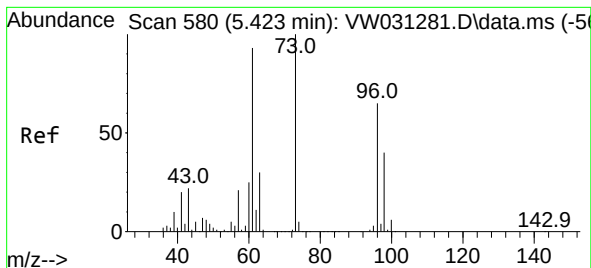
Tgt Ion: 43 Resp: 97204
Ion Ratio Lower Upper
43 100
74 24.5 18.9 28.3



#16
Methylene chloride
Concen: 27.558 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

Tgt Ion: 84 Resp: 219432
Ion Ratio Lower Upper
84 100
86 65.4 44.7 82.9
49 126.8 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 27.318 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.000 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

Instrument :

MSVOA_W

ClientSampleId :

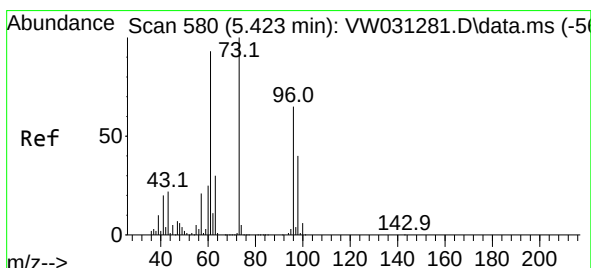
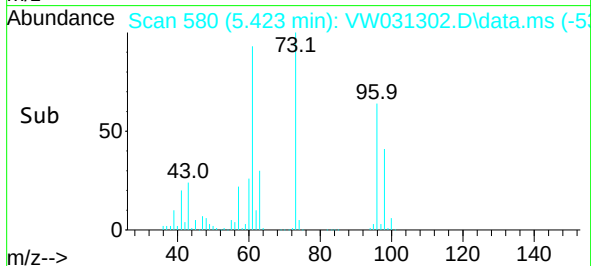
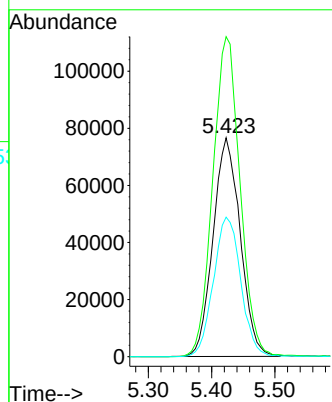
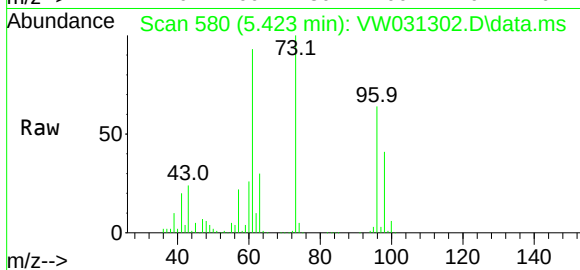
Tgt Ion: 96 Resp: 228454

Ion Ratio Lower Upper

96 100

61 146.2 100.7 187.1

98 63.7 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 31.651 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

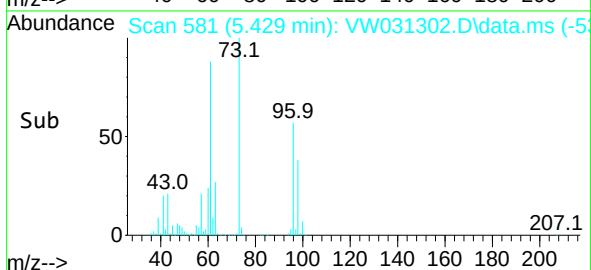
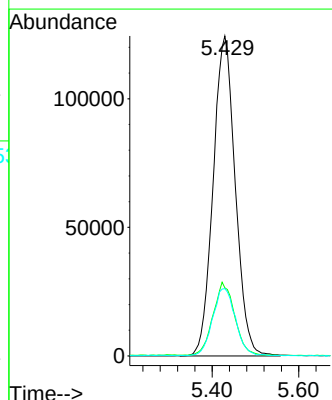
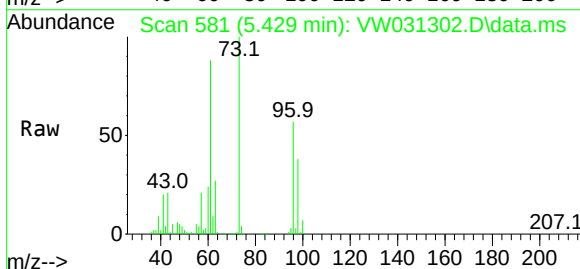
Tgt Ion: 73 Resp: 442501

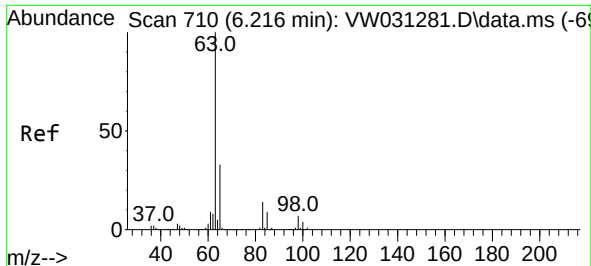
Ion Ratio Lower Upper

73 100

43 22.4 17.9 26.9

57 21.6 17.9 26.9





#19

1,1-Dichloroethane

Concen: 28.223 ug/L

RT: 6.209 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

Instrument :

MSVOA_W

ClientSampleId :

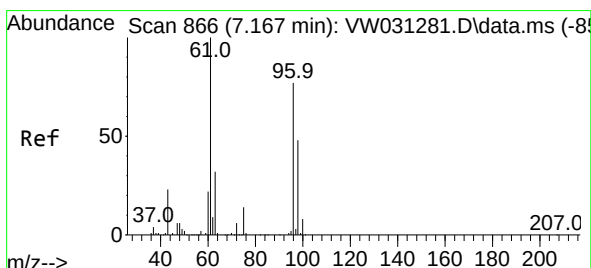
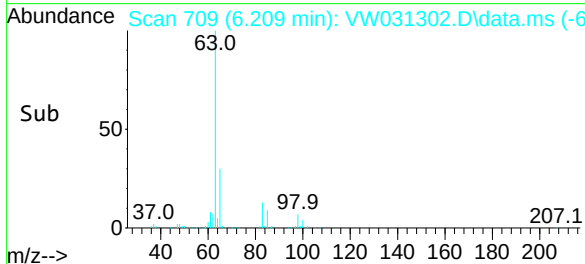
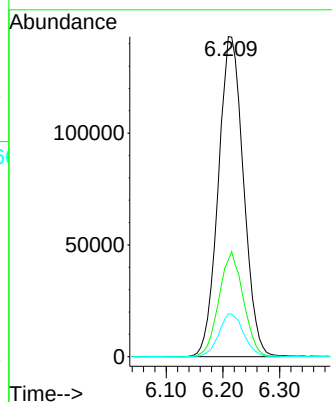
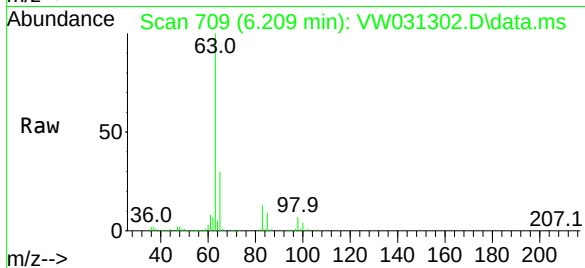
Tgt Ion: 63 Resp: 441038

Ion Ratio Lower Upper

63 100

65 30.2 21.9 40.7

83 13.4 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 28.649 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

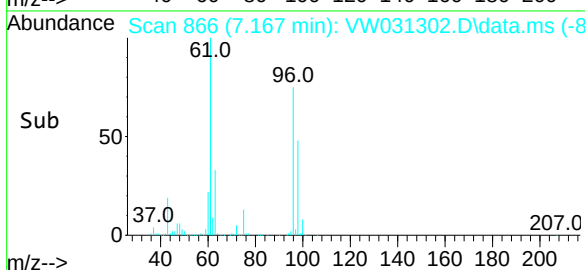
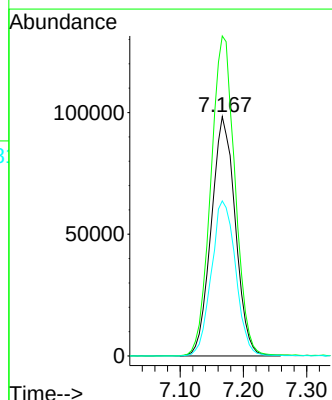
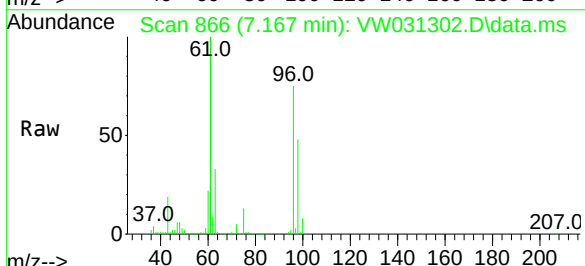
Tgt Ion: 96 Resp: 259209

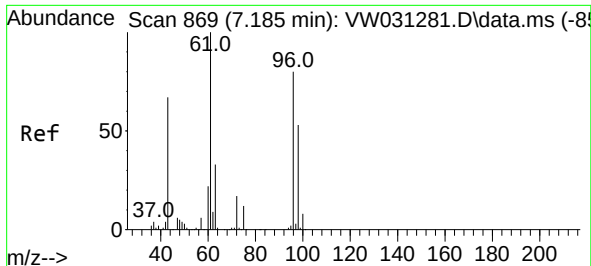
Ion Ratio Lower Upper

96 100

61 133.7 92.2 171.2

98 64.8 43.7 81.1

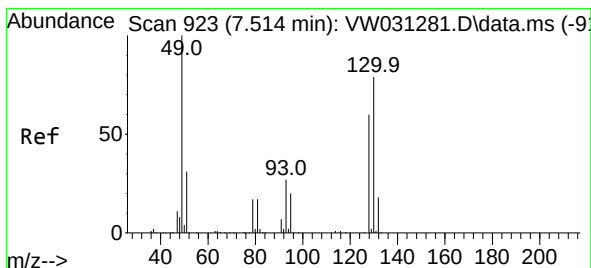
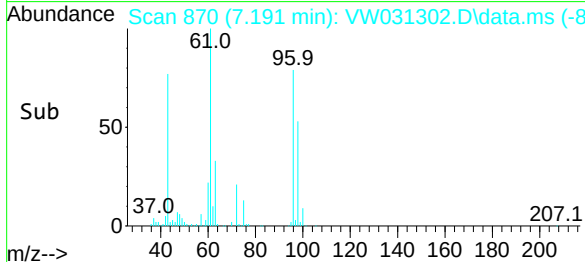
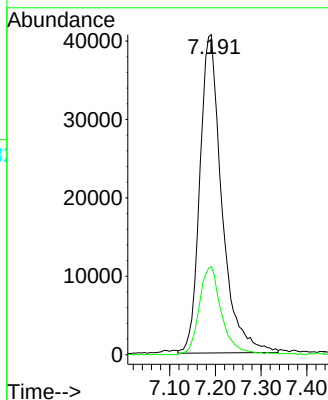
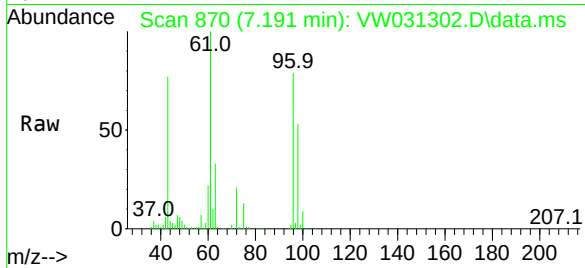




#22
2-Butanone
Concen: 44.985 ug/L
RT: 7.191 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

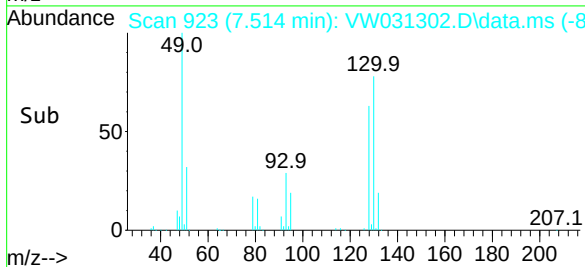
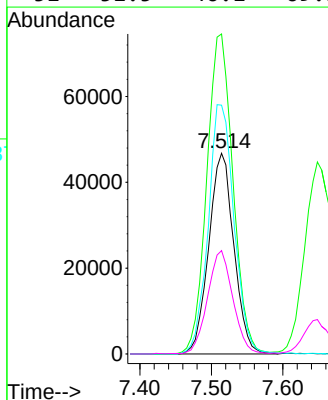
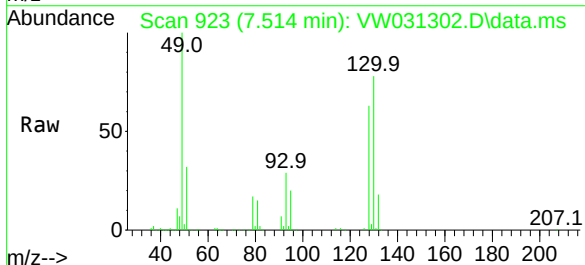
Instrument :
MSVOA_W
ClientSampleId :

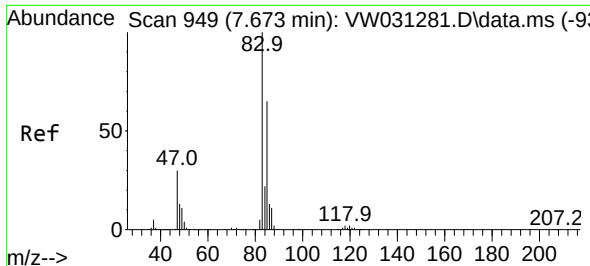
Tgt Ion: 43 Resp: 136122
Ion Ratio Lower Upper
43 100
72 27.8 13.3 39.8



#23
Bromochloromethane
Concen: 31.600 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

Tgt Ion:128 Resp: 114029
Ion Ratio Lower Upper
128 100
49 159.5 123.7 229.7
130 124.0 90.3 167.7
51 51.5 46.1 69.1

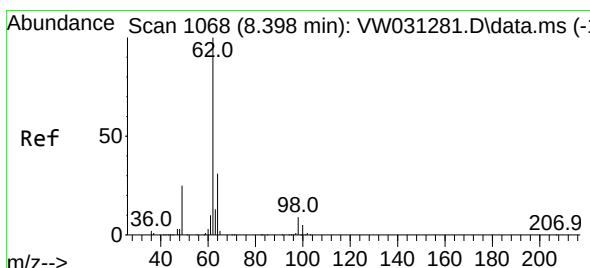
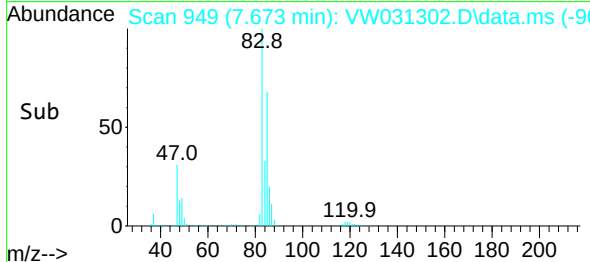
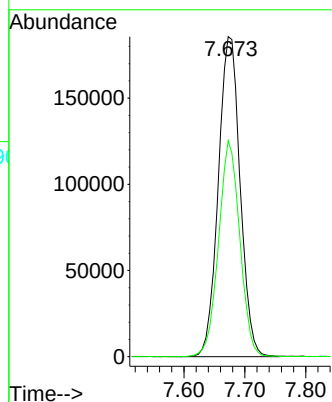
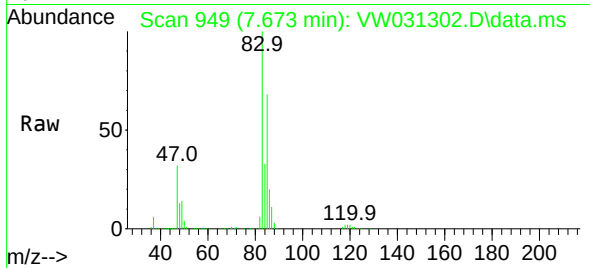




#25
Chloroform
Concen: 29.878 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

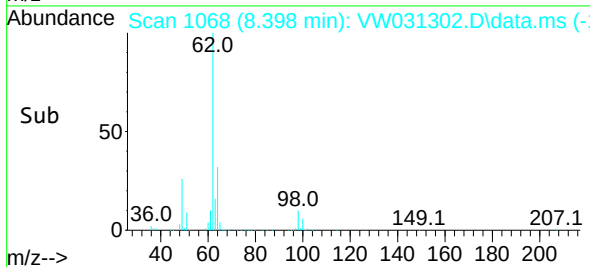
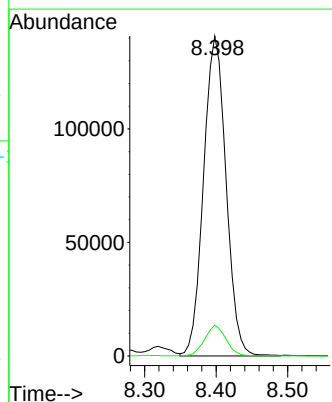
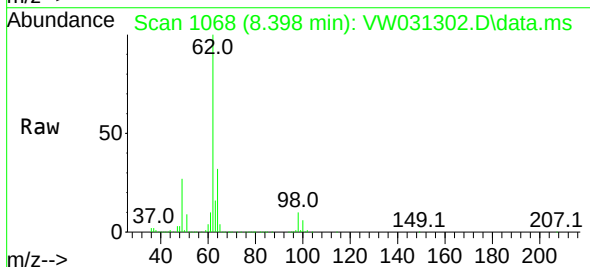
Instrument :
MSVOA_W
ClientSampleId :

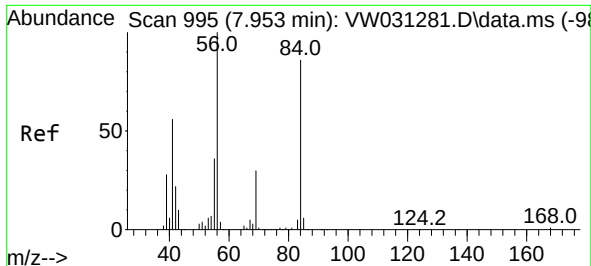
Tgt Ion: 83 Resp: 460814
Ion Ratio Lower Upper
83 100
85 67.5 46.1 85.5



#27
1,2-Dichloroethane
Concen: 31.776 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

Tgt Ion: 62 Resp: 308106
Ion Ratio Lower Upper
62 100
98 9.6 7.2 10.8





#29

Cyclohexane

Concen: 24.185 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

Instrument :

MSVOA_W

ClientSampleId :

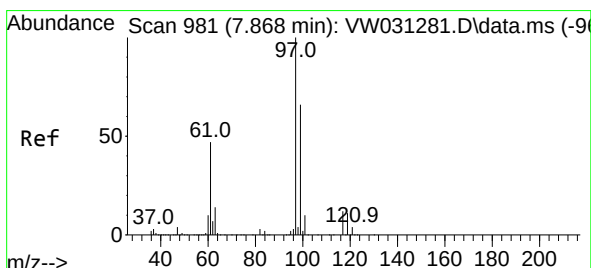
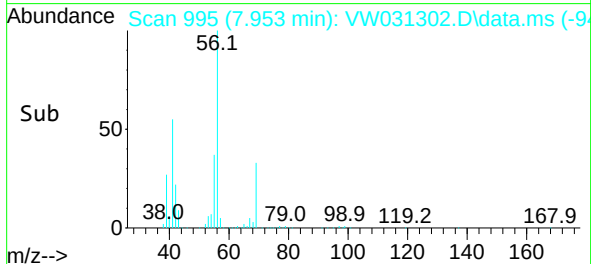
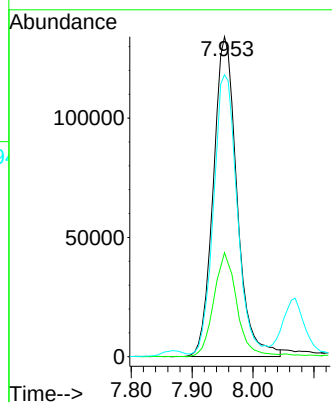
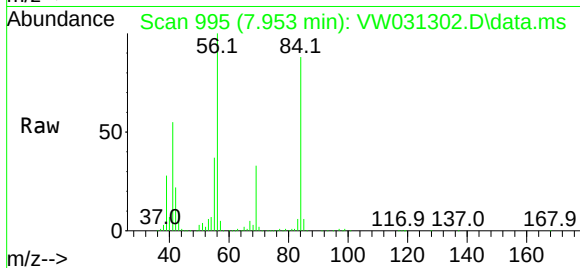
Tgt Ion: 56 Resp: 362245

Ion Ratio Lower Upper

56 100

69 31.6 25.0 37.4

84 88.0 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 25.482 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

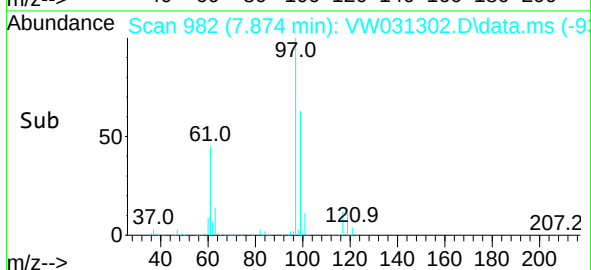
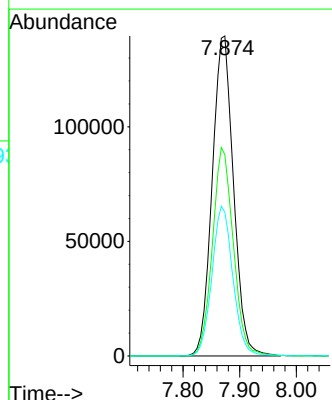
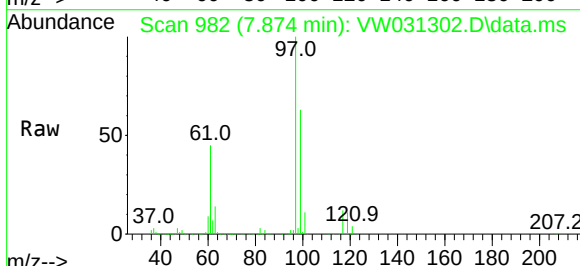
Tgt Ion: 97 Resp: 363768

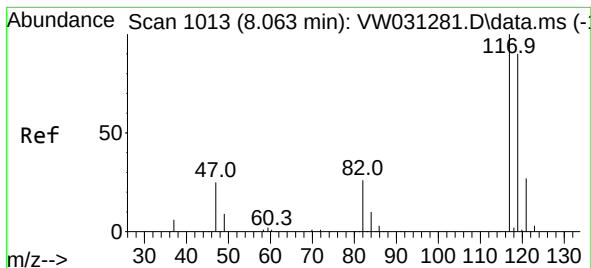
Ion Ratio Lower Upper

97 100

99 64.2 51.1 76.7

61 46.0 36.3 54.5





#31

Carbon tetrachloride

Concen: 25.742 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

Instrument :

MSVOA_W

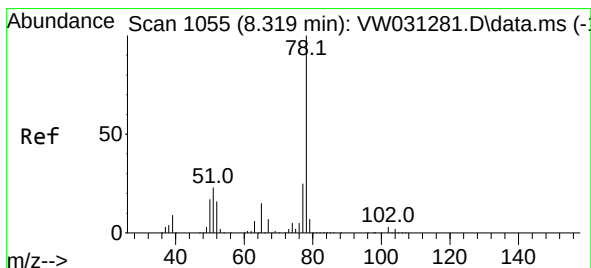
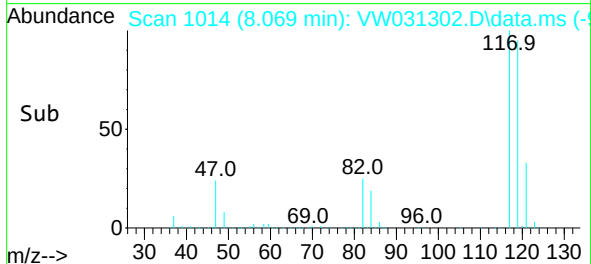
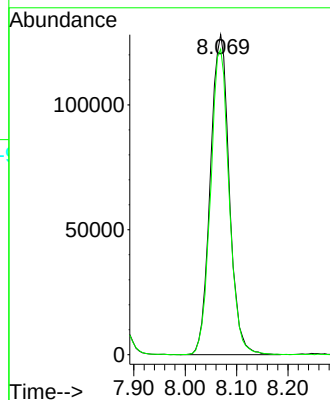
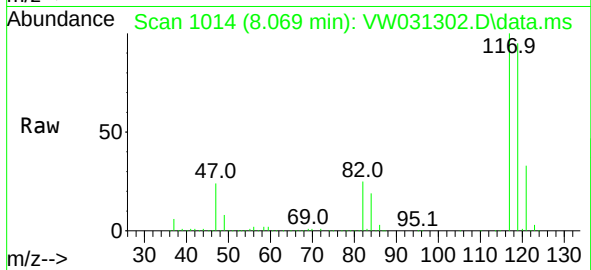
ClientSampleId :

Tgt Ion:117 Resp: 327384

Ion Ratio Lower Upper

117 100

119 93.7 76.0 114.0



#33

Benzene

Concen: 28.004 ug/L

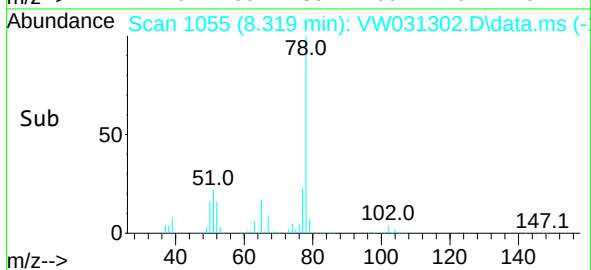
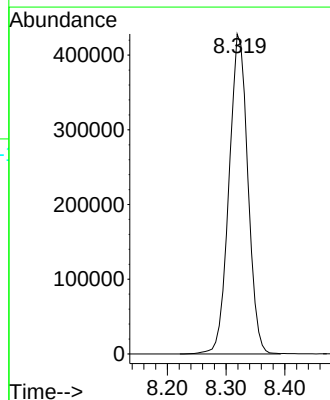
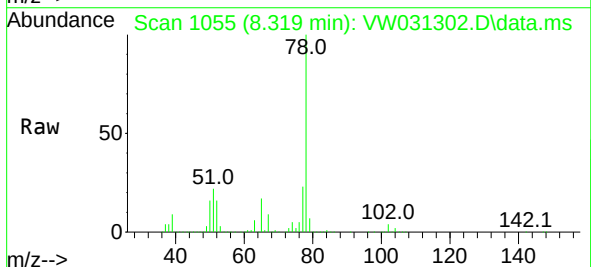
RT: 8.319 min Scan# 1055

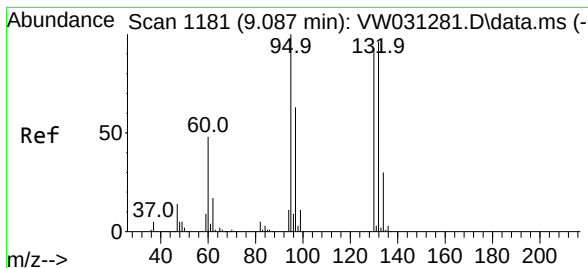
Delta R.T. -0.000 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

Tgt Ion: 78 Resp: 955790





#34

Trichloroethene

Concen: 27.386 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

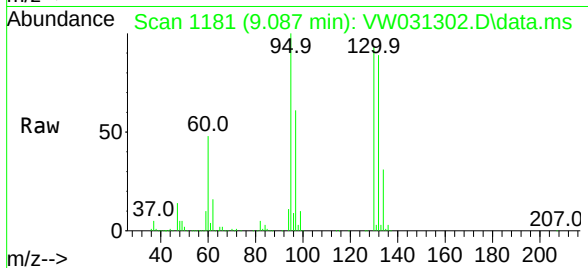
Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 263890

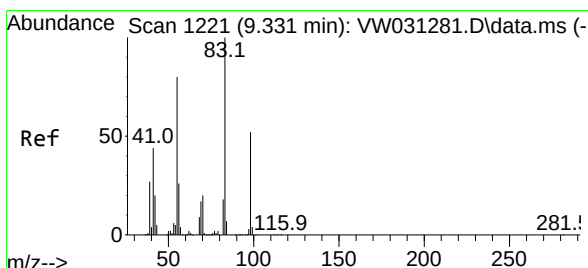
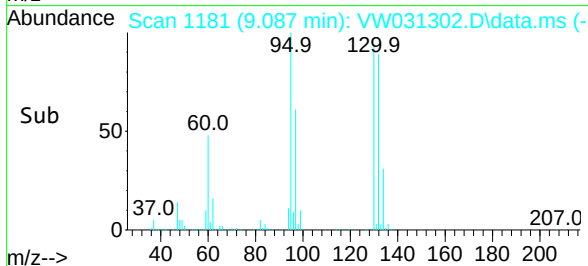
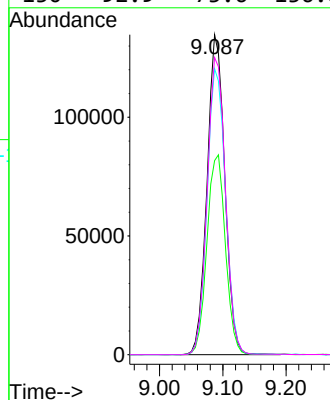
Ion Ratio Lower Upper

95 100

97 60.6 46.5 86.3

132 89.4 70.3 130.5

130 92.9 73.6 136.8



#35

Methylcyclohexane

Concen: 24.798 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

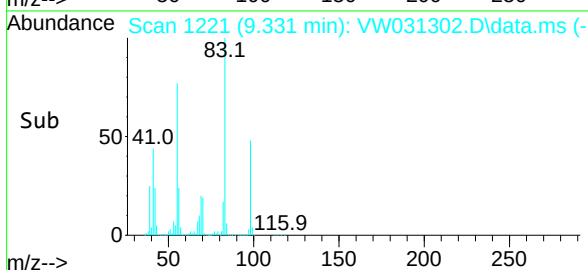
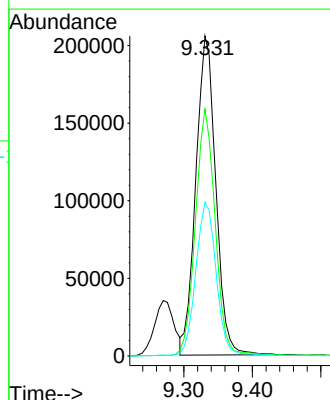
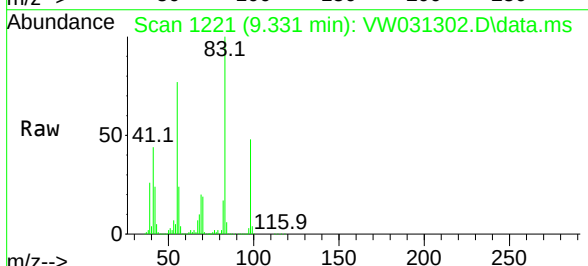
Tgt Ion: 83 Resp: 416124

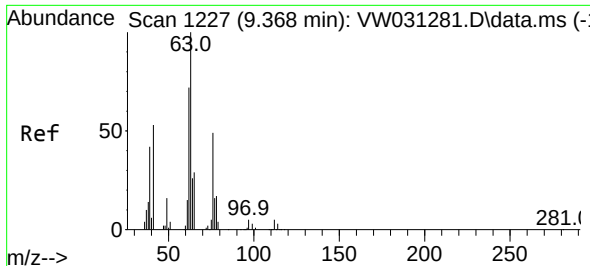
Ion Ratio Lower Upper

83 100

55 76.6 62.6 93.8

98 49.1 39.8 59.6





#37

1,2-Dichloropropane

Concen: 29.075 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

Instrument :

MSVOA_W

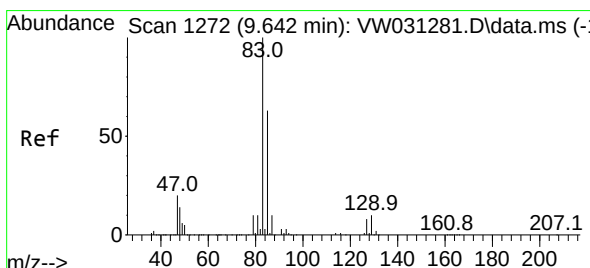
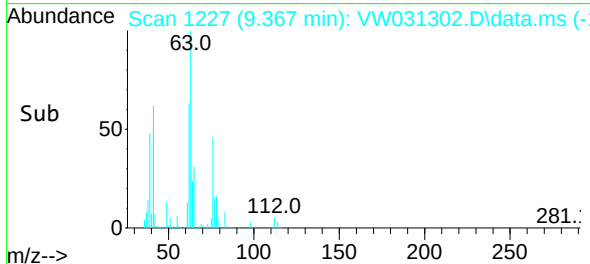
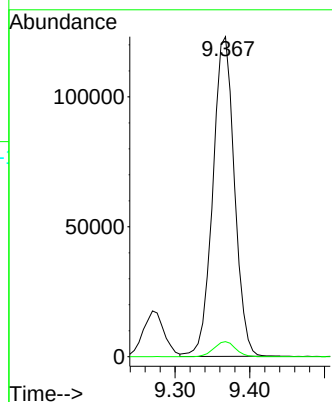
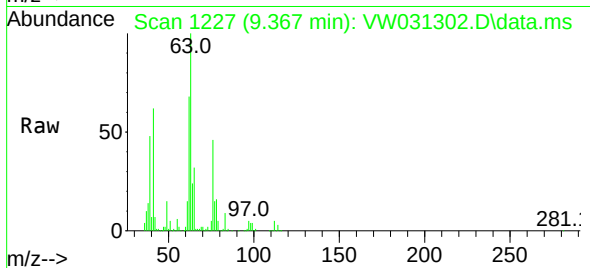
ClientSampleId :

Tgt Ion: 63 Resp: 247557

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 28.717 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

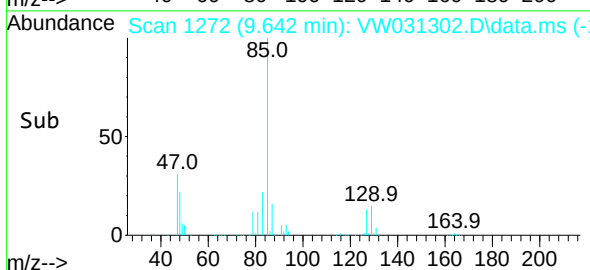
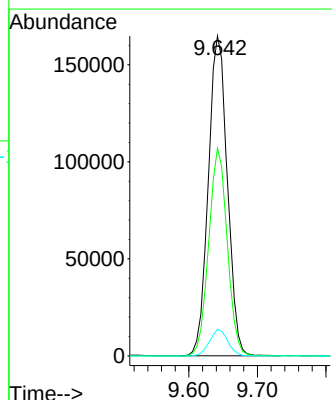
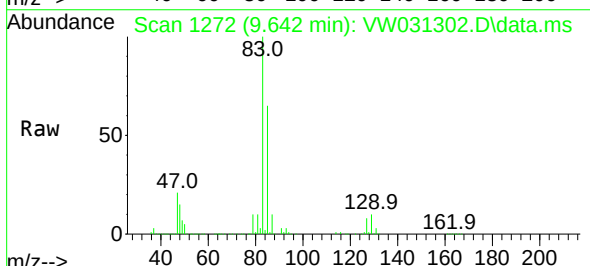
Tgt Ion: 83 Resp: 317869

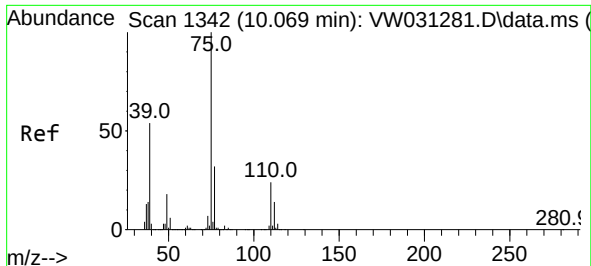
Ion Ratio Lower Upper

83 100

85 65.0 46.5 86.5

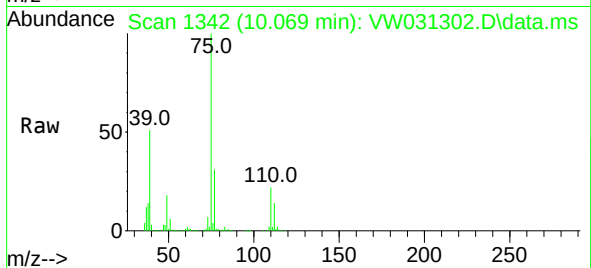
127 8.3 6.2 9.4



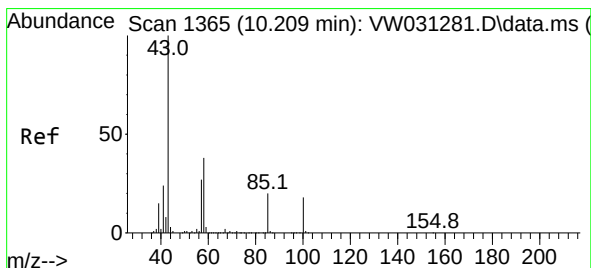
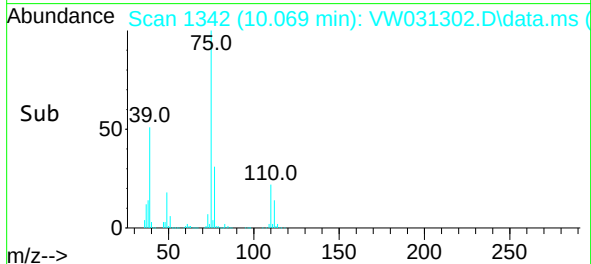
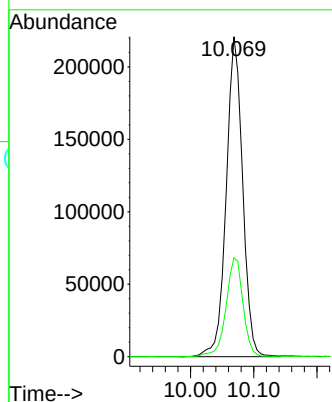


#39
cis-1,3-Dichloropropene
Concen: 27.601 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

Instrument :
MSVOA_W
ClientSampleId :

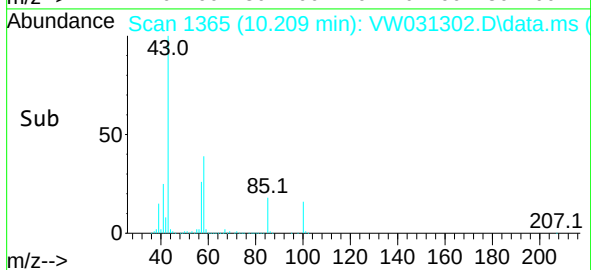
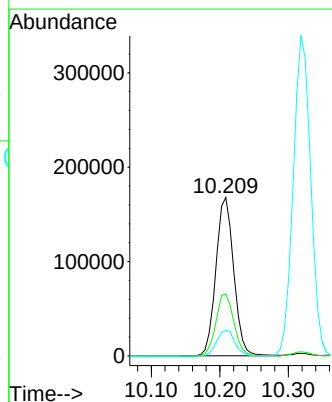
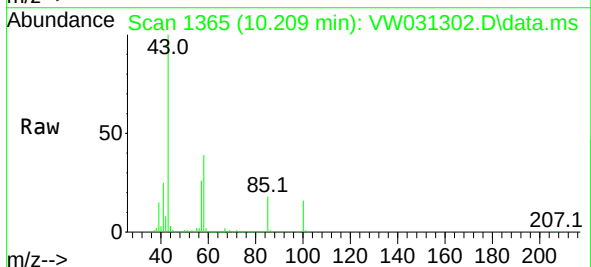


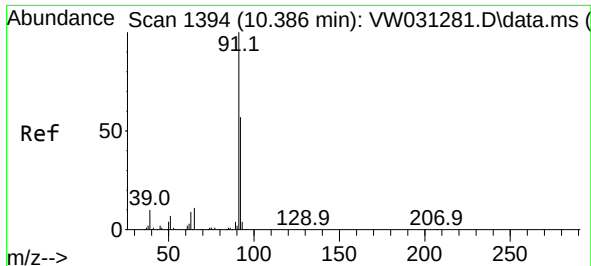
Tgt Ion: 75 Resp: 397118
Ion Ratio Lower Upper
75 100
77 30.9 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 66.959 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

Tgt Ion: 43 Resp: 302474
Ion Ratio Lower Upper
43 100
58 39.7 31.1 46.7
100 16.6 13.0 19.6

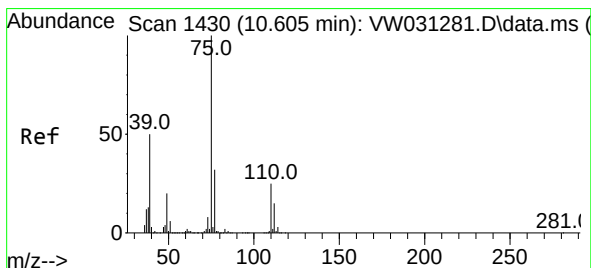
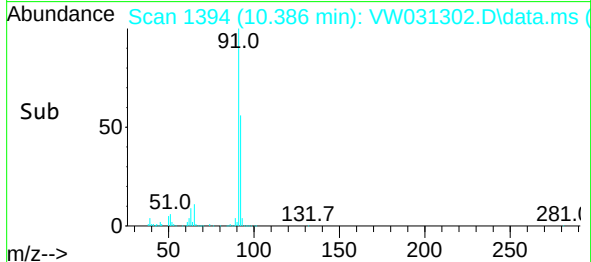
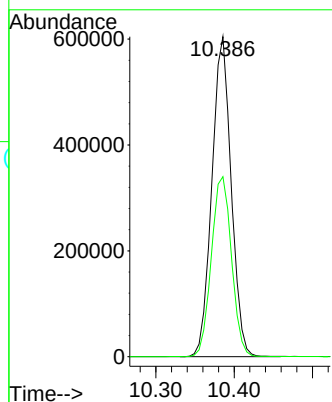
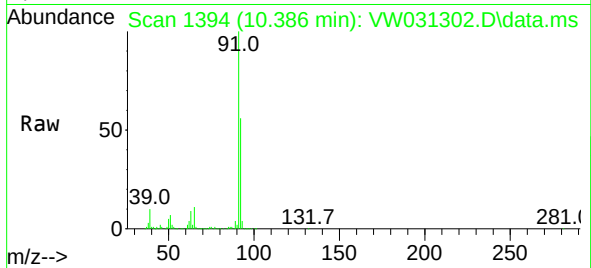




#42
Toluene
Concen: 27.794 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

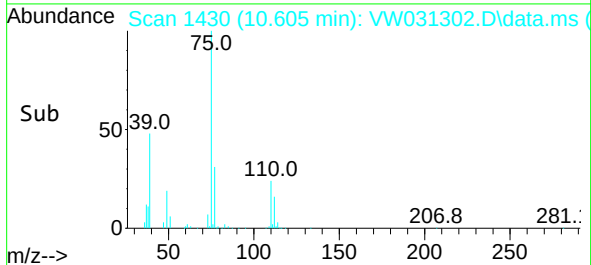
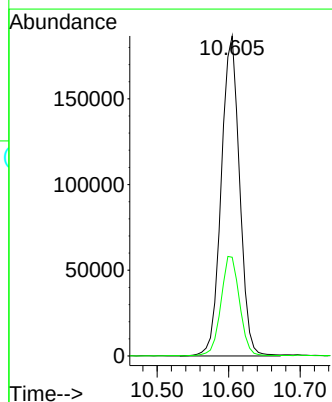
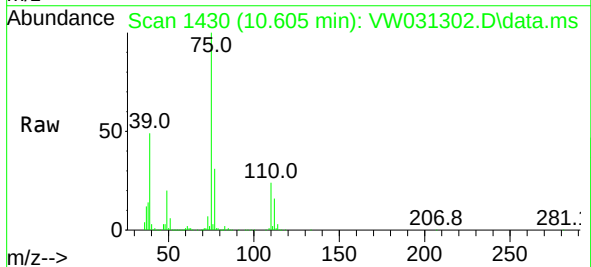
Instrument :
MSVOA_W
ClientSampleId :

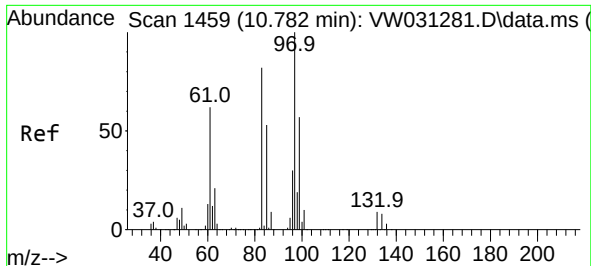
Tgt Ion: 91 Resp: 1032811
Ion Ratio Lower Upper
91 100
92 56.3 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 28.314 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

Tgt Ion: 75 Resp: 332637
Ion Ratio Lower Upper
75 100
77 30.8 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 32.768 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 185576

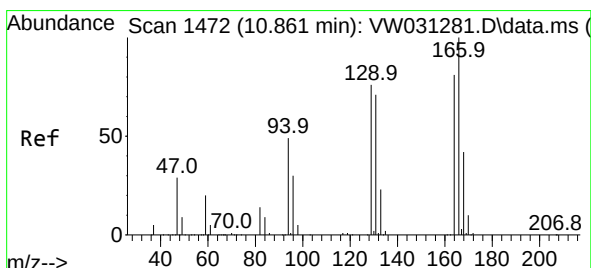
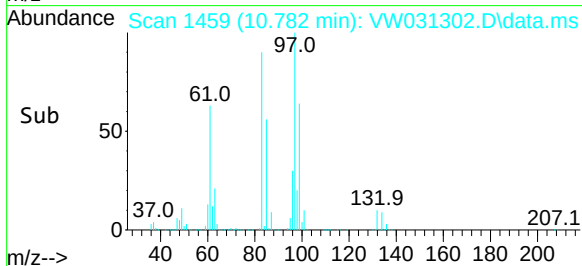
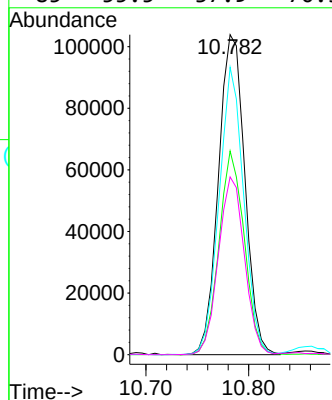
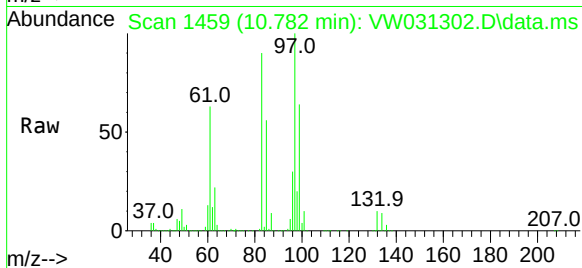
Ion Ratio Lower Upper

97 100

99 63.7 43.0 80.0

83 89.8 56.4 104.7

85 55.5 37.9 70.3



#46

Tetrachloroethene

Concen: 27.165 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

Tgt Ion:164 Resp: 191735

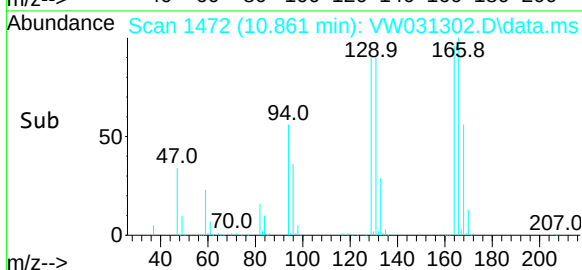
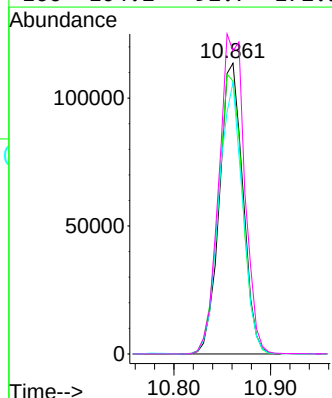
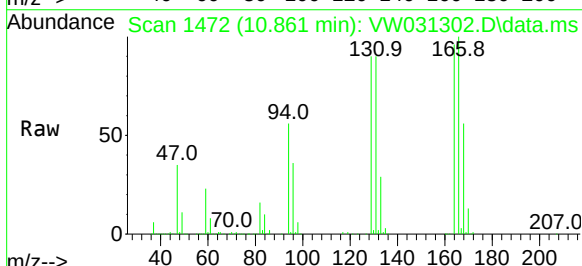
Ion Ratio Lower Upper

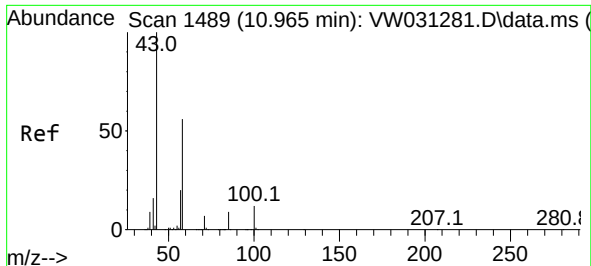
164 100

129 93.8 73.5 136.5

131 93.3 66.6 123.8

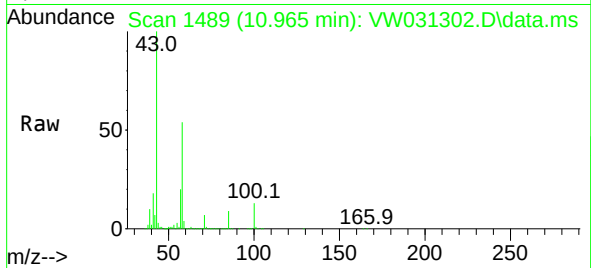
166 104.2 92.7 172.3





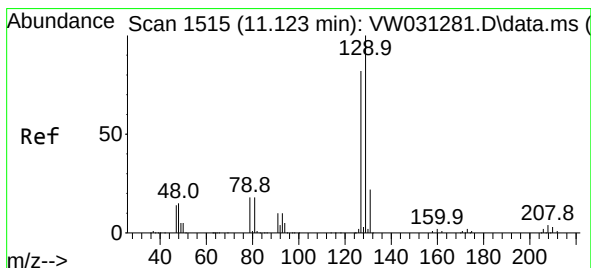
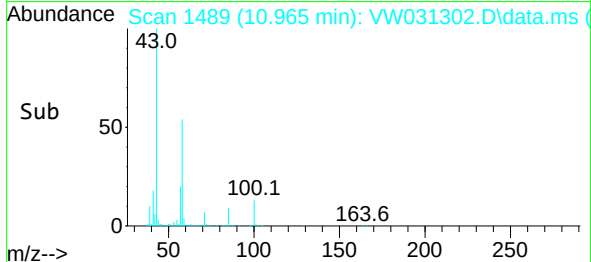
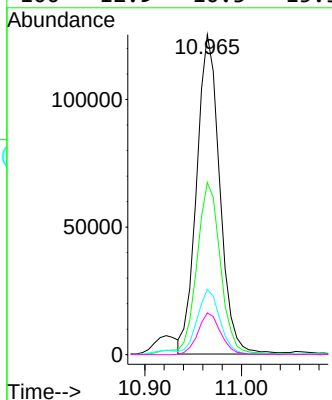
#48
2-Hexanone
Concen: 54.261 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 208466

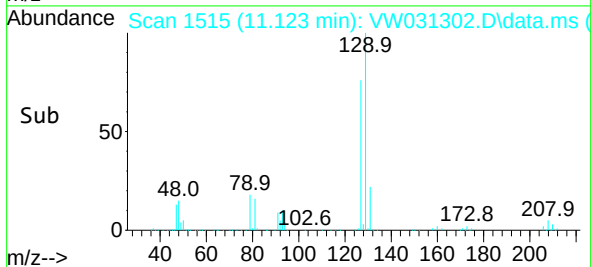
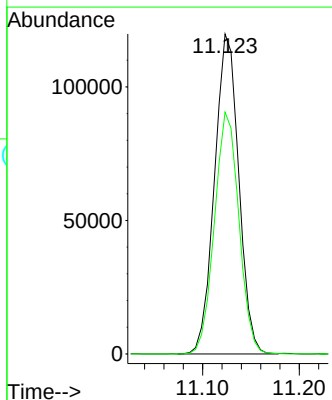
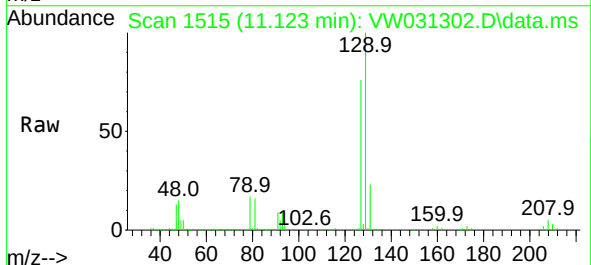
Ion	Ratio	Lower	Upper
43	100		
58	53.7	43.0	64.6
57	20.3	15.7	23.5
100	12.9	10.3	15.5

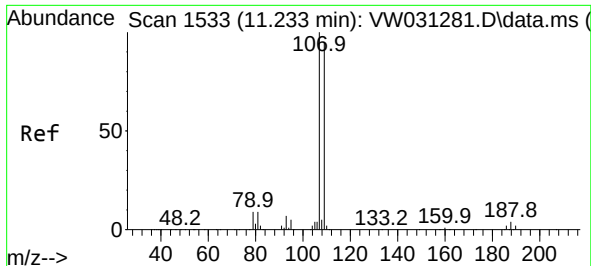


#49
Dibromochloromethane
Concen: 31.053 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

Tgt Ion: 129 Resp: 208468

Ion	Ratio	Lower	Upper
129	100		
127	75.6	57.6	107.0





#50

1,2-Dibromoethane

Concen: 32.260 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

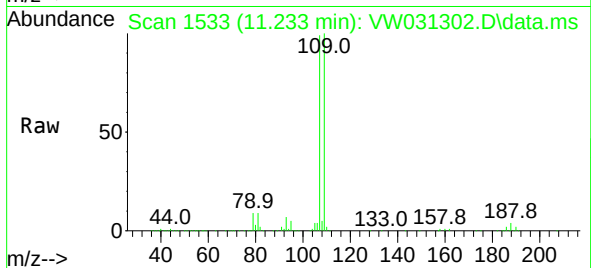
Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

Instrument :

MSVOA_W

ClientSampleId :



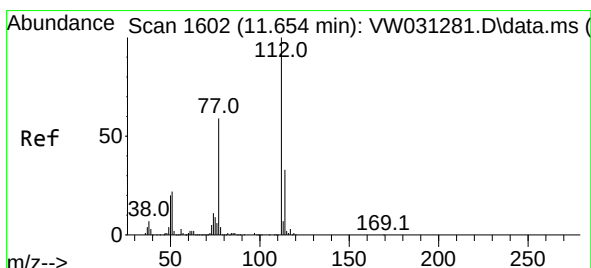
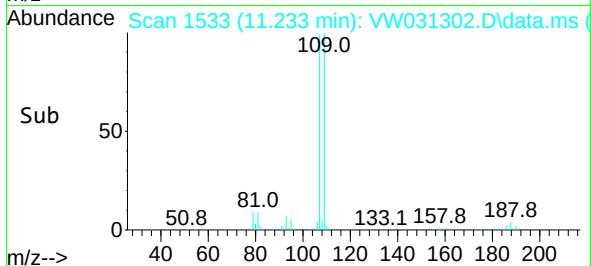
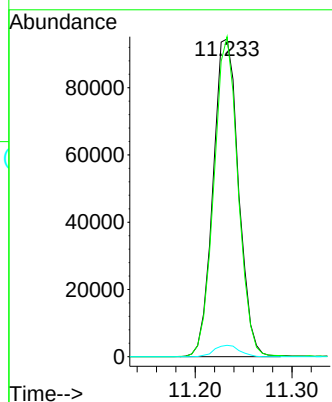
Tgt Ion:107 Resp: 173075

Ion Ratio Lower Upper

107 100

109 100.7 63.2 117.4

188 3.6 2.6 4.0



#51

Chlorobenzene

Concen: 28.334 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

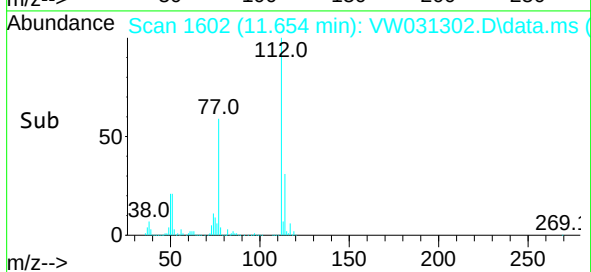
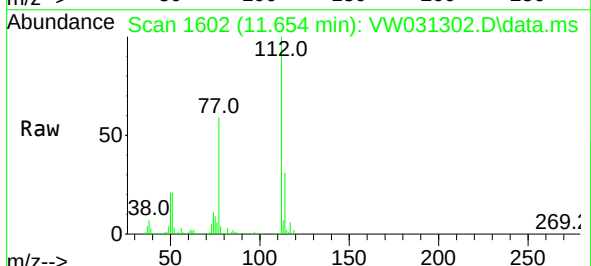
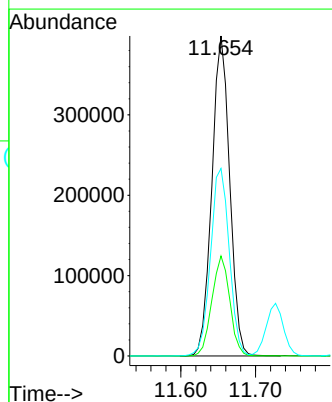
Tgt Ion:112 Resp: 660148

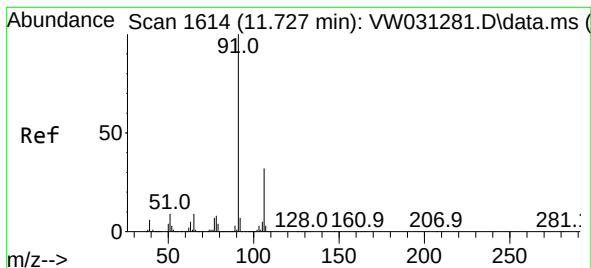
Ion Ratio Lower Upper

112 100

114 31.2 22.7 42.3

77 58.6 50.2 75.4

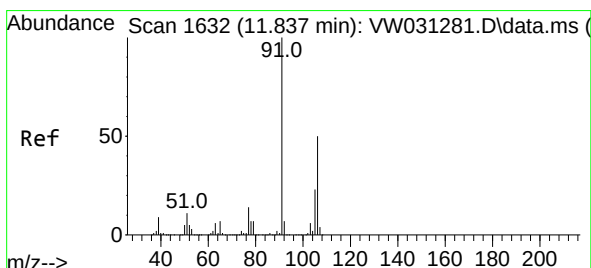
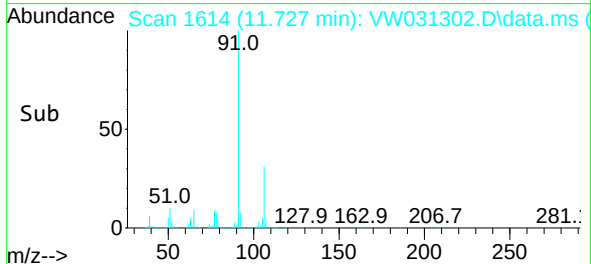
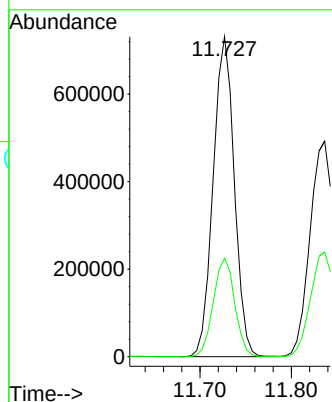
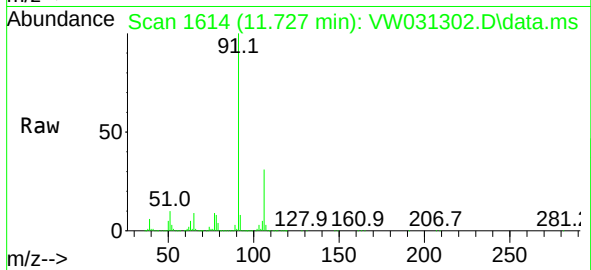




#52
Ethylbenzene
Concen: 27.226 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

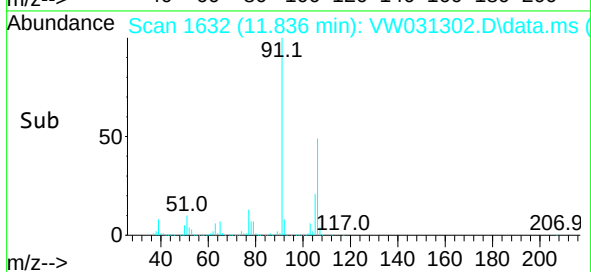
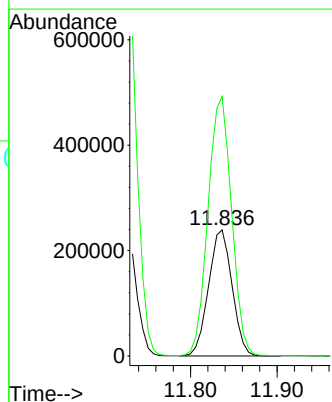
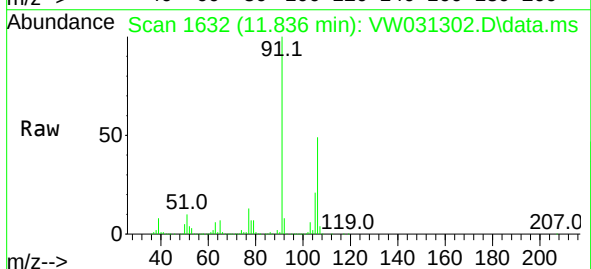
Instrument :
MSVOA_W
ClientSampleId :

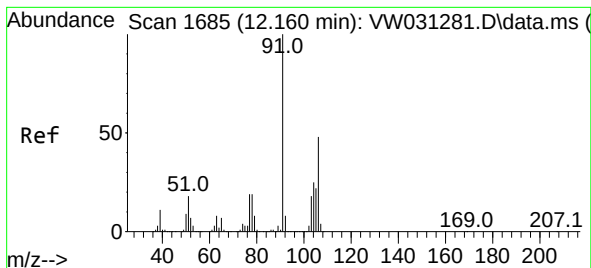
Tgt Ion: 91 Resp: 1172536
Ion Ratio Lower Upper
91 100
106 30.8 20.7 38.5



#53
m,p-Xylene
Concen: 27.480 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

Tgt Ion:106 Resp: 450535
Ion Ratio Lower Upper
106 100
91 205.9 139.9 259.7

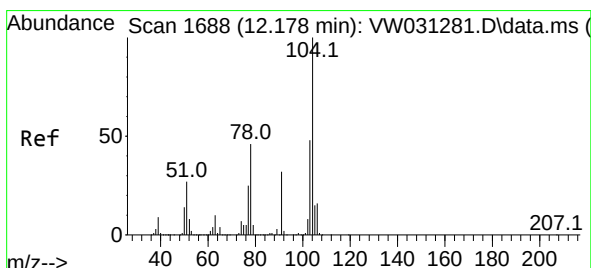
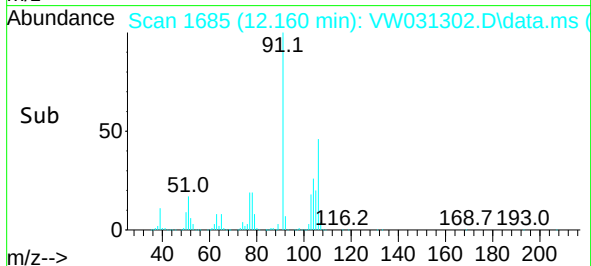
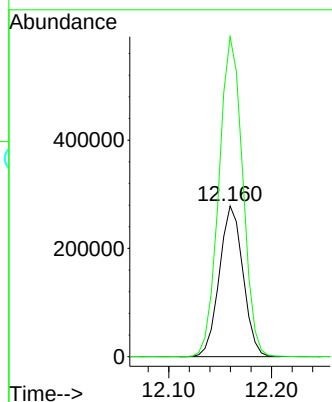
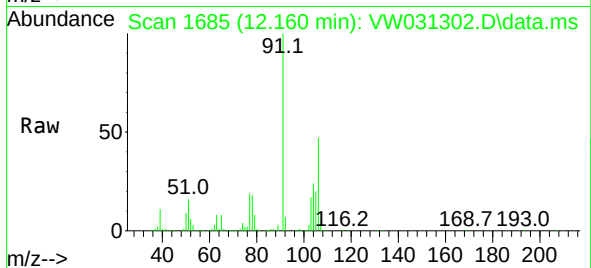




#54
o-Xylene
Concen: 28.737 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

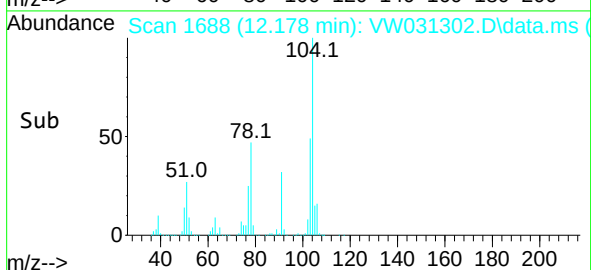
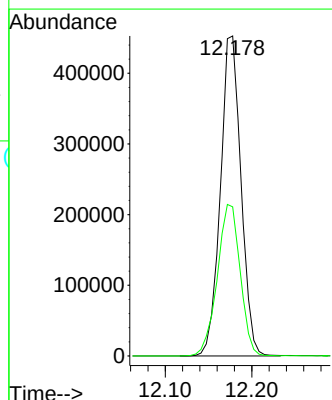
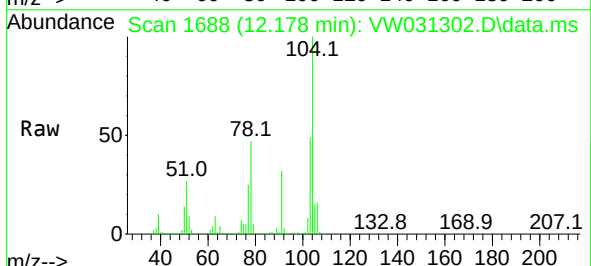
Instrument :
MSVOA_W
ClientSampleId :

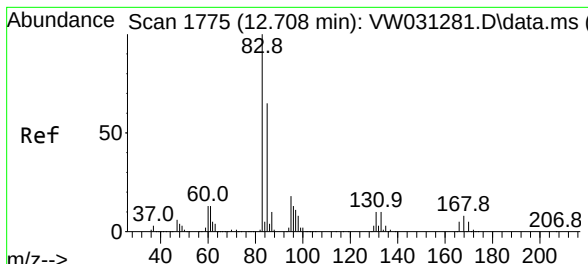
Tgt Ion:106 Resp: 444043
Ion Ratio Lower Upper
106 100
91 212.4 153.1 284.3



#55
Styrene
Concen: 29.107 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

Tgt Ion:104 Resp: 748119
Ion Ratio Lower Upper
104 100
78 46.6 31.4 58.4



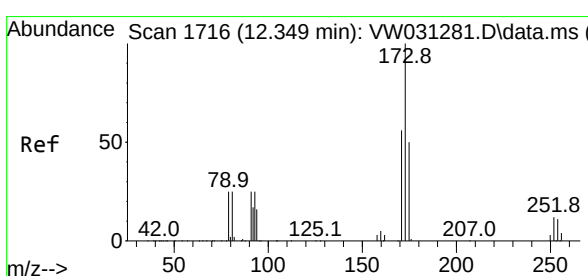
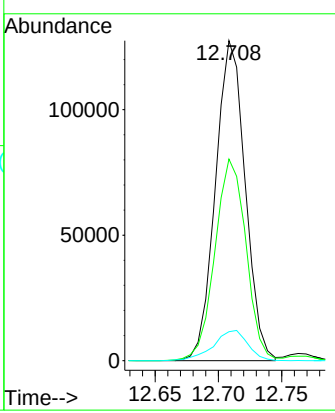
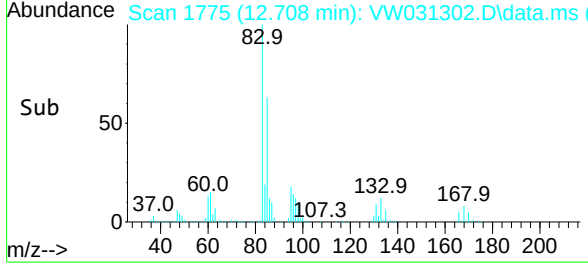
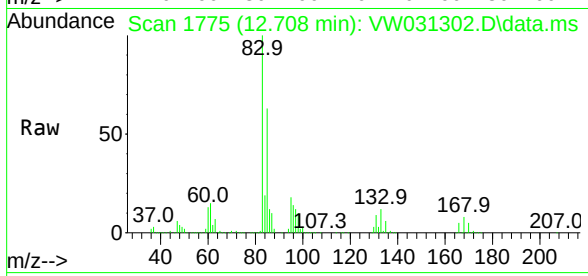


#57
 1,1,2,2-Tetrachloroethane
 Concen: 34.182 ug/L
 RT: 12.708 min Scan# 1775
 Delta R.T. -0.000 min
 Lab File: VW031302.D
 Acq: 17 Dec 2024 04:37

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 83 Resp: 208687

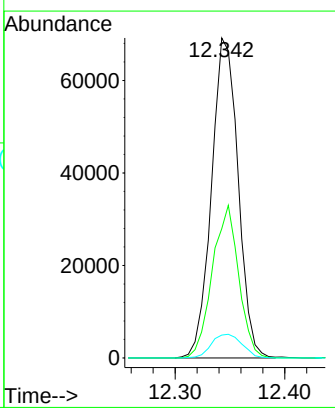
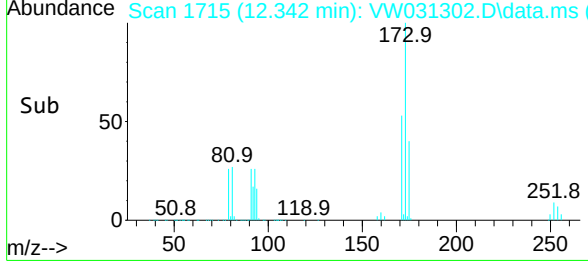
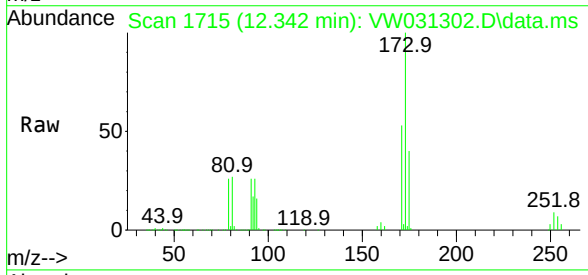
Ion	Ratio	Lower	Upper
83	100		
85	63.0	44.1	81.9
131	9.1	7.9	11.9

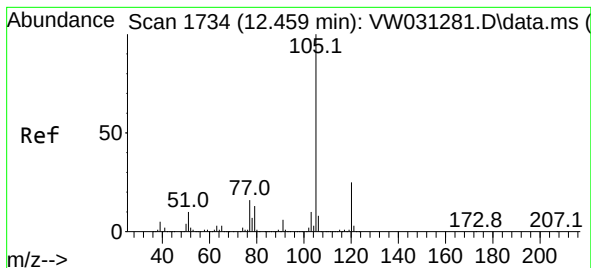


#59
 Bromoform
 Concen: 30.672 ug/L
 RT: 12.342 min Scan# 1715
 Delta R.T. -0.006 min
 Lab File: VW031302.D
 Acq: 17 Dec 2024 04:37

Tgt Ion: 173 Resp: 116614

Ion	Ratio	Lower	Upper
173	100		
175	47.2	38.6	57.8
254	8.6	7.6	11.4





#60

Isopropylbenzene

Concen: 27.312 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

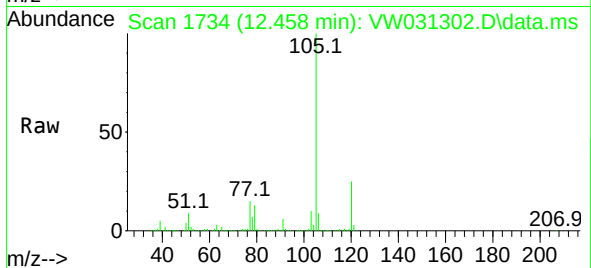
Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

Instrument :

MSVOA_W

ClientSampleId :



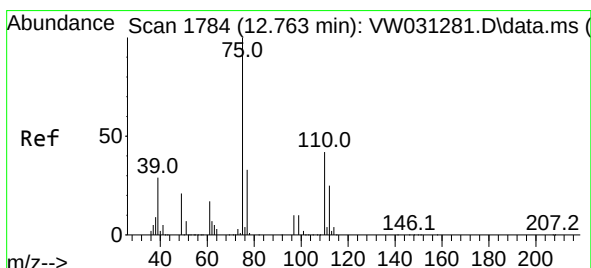
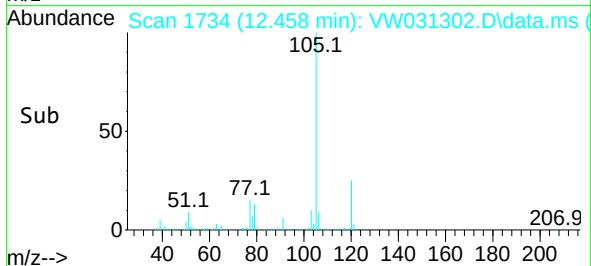
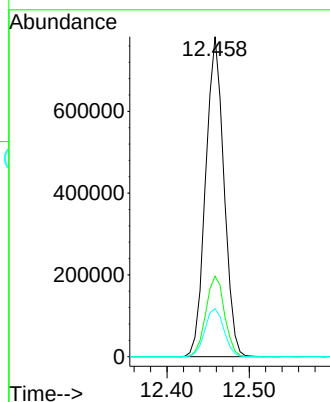
Tgt Ion:105 Resp: 1209600

Ion Ratio Lower Upper

105 100

120 25.7 20.6 31.0

77 15.6 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 33.823 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

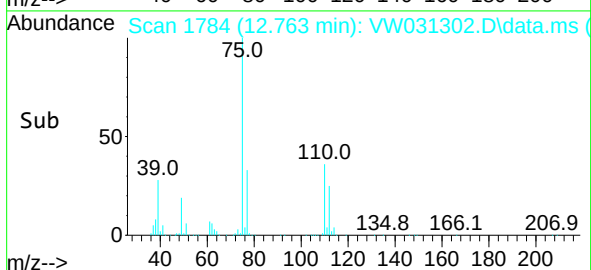
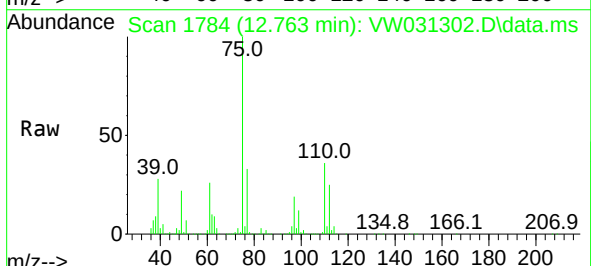
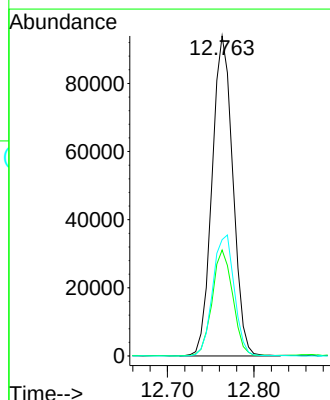
Tgt Ion: 75 Resp: 156634

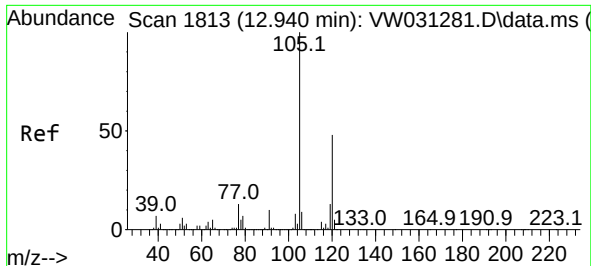
Ion Ratio Lower Upper

75 100

77 32.3 25.3 37.9

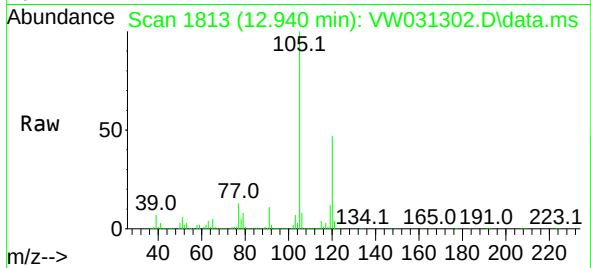
110 39.1 31.2 46.8



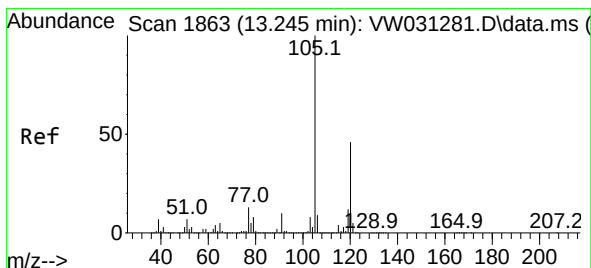
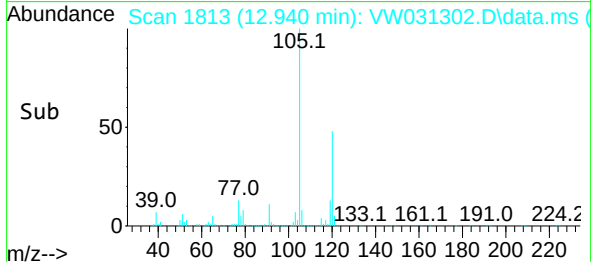
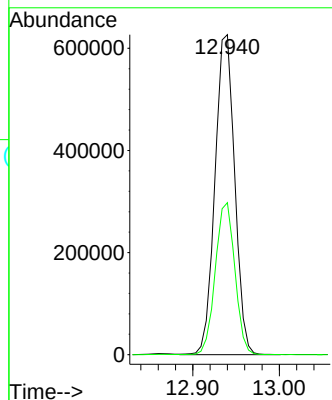


#62
1,3,5-Trimethylbenzene
Concen: 26.429 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

Instrument :
MSVOA_W
ClientSampleId :

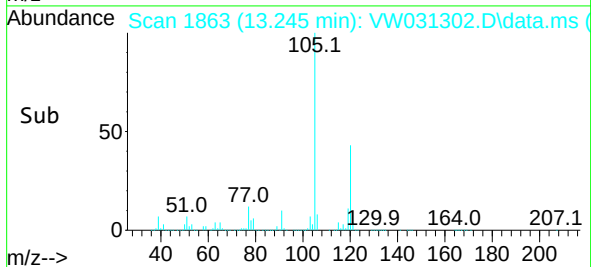
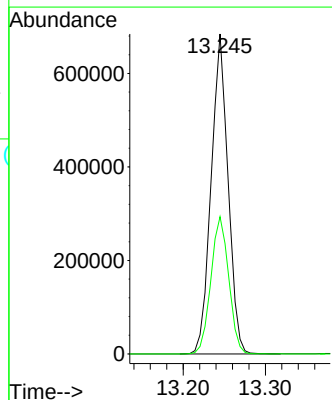
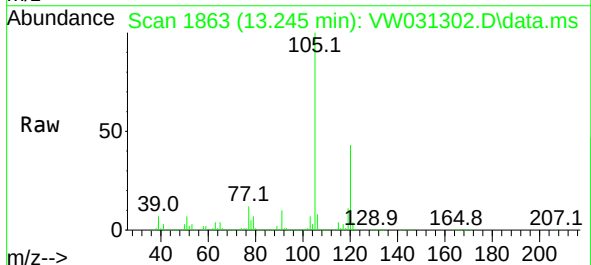


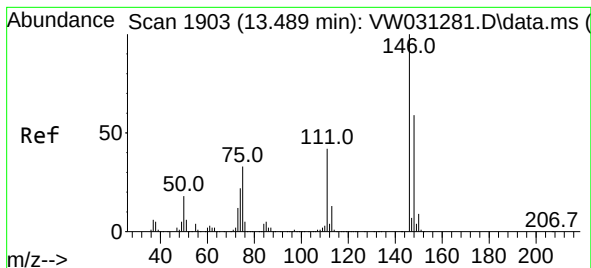
Tgt Ion:105 Resp: 992354
Ion Ratio Lower Upper
105 100
120 47.0 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 26.917 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

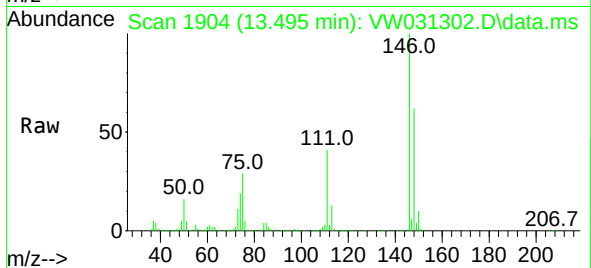
Tgt Ion:105 Resp: 976860
Ion Ratio Lower Upper
105 100
120 45.2 35.0 52.4



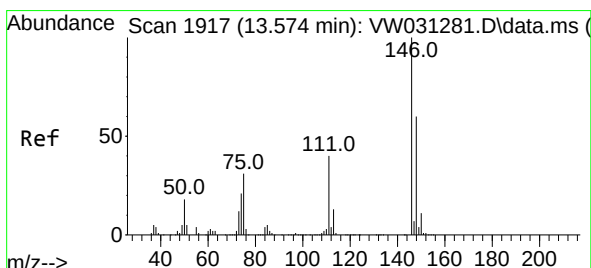
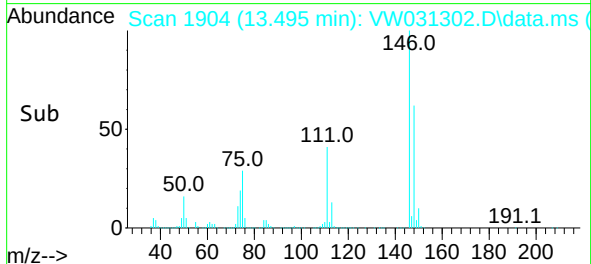
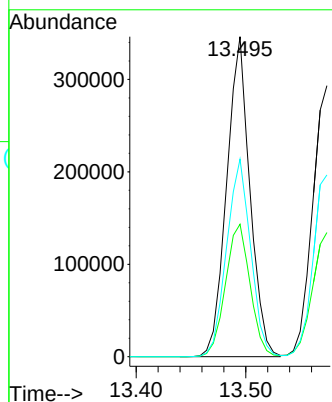


#64
1,3-Dichlorobenzene
Concen: 28.348 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

Instrument :
MSVOA_W
ClientSampleId :

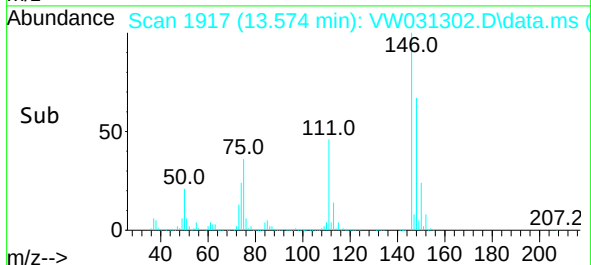
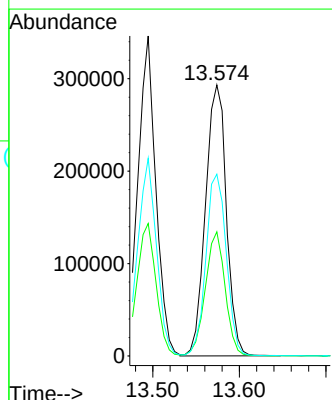
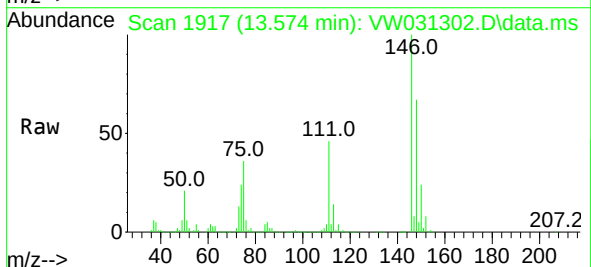


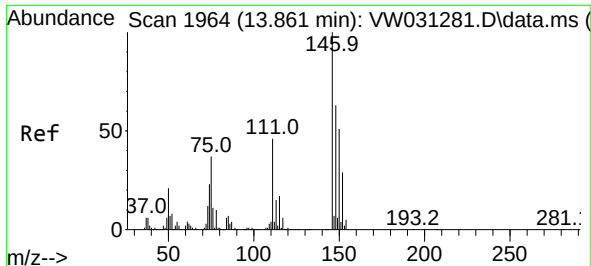
Tgt Ion:146 Resp: 508670
Ion Ratio Lower Upper
146 100
111 41.4 27.6 51.2
148 61.7 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 27.571 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

Tgt Ion:146 Resp: 490172
Ion Ratio Lower Upper
146 100
111 45.8 30.7 56.9
148 67.1 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 28.569 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

Instrument :

MSVOA_W

ClientSampleId :

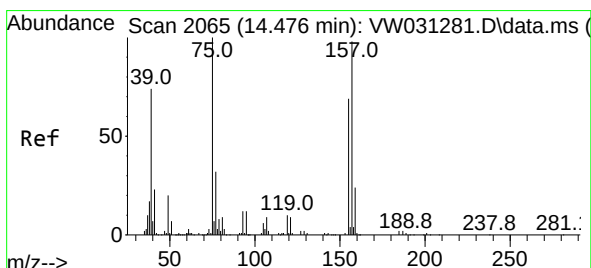
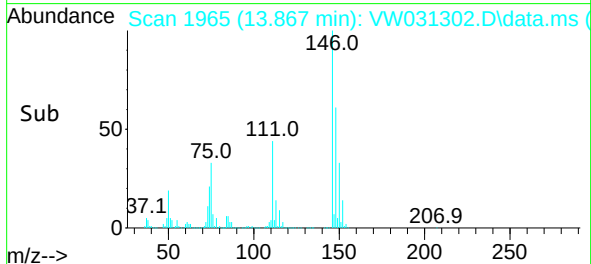
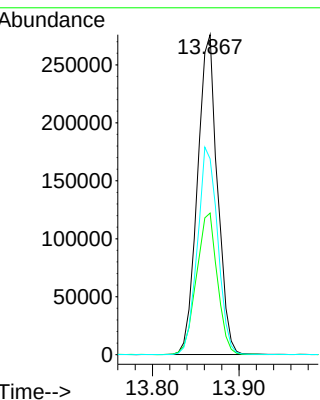
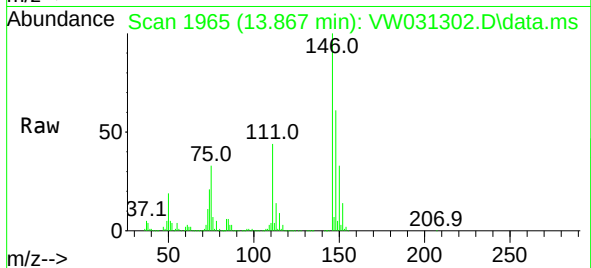
Tgt Ion:146 Resp: 441693

Ion Ratio Lower Upper

146 100

111 44.3 38.6 58.0

148 61.2 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 31.446 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031302.D

Acq: 17 Dec 2024 04:37

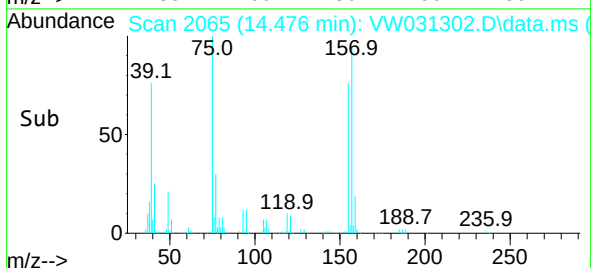
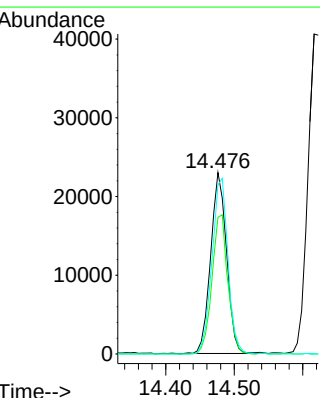
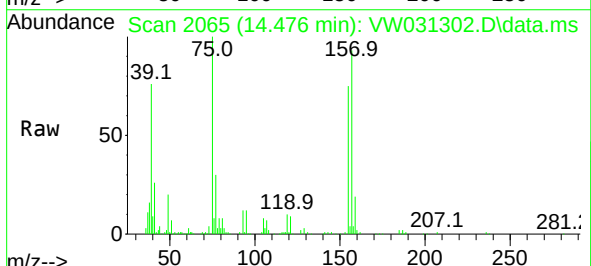
Tgt Ion: 75 Resp: 36956

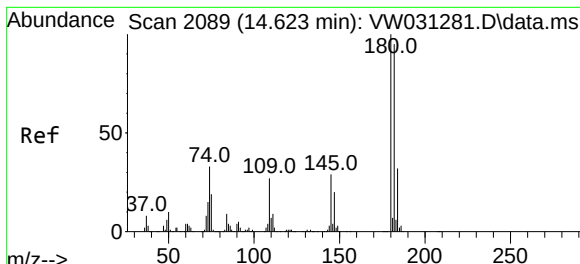
Ion Ratio Lower Upper

75 100

155 75.3 56.6 85.0

157 93.2 71.2 106.8

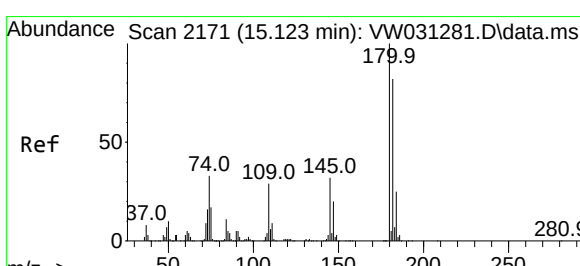
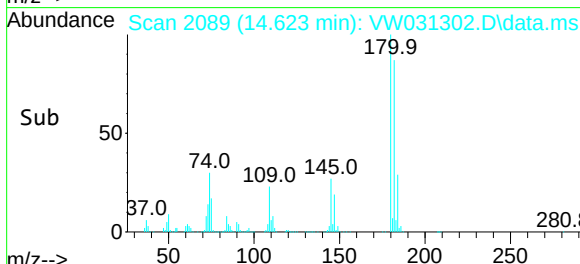
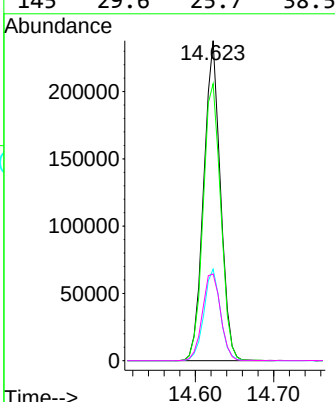
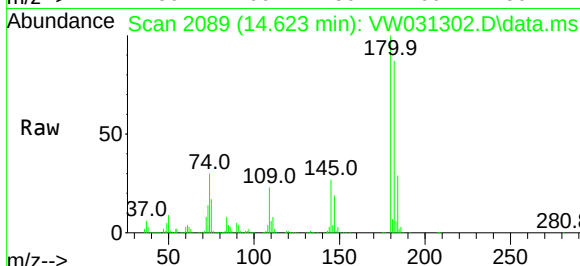




#69
 1,3,5-Trichlorobenzene
 Concen: 27.963 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW031302.D
 Acq: 17 Dec 2024 04:37

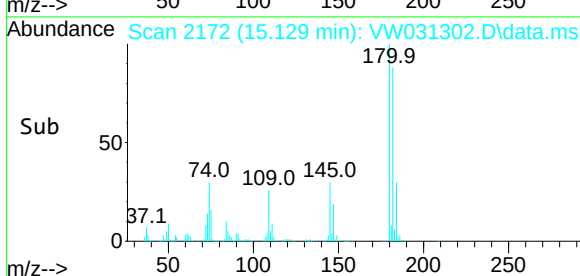
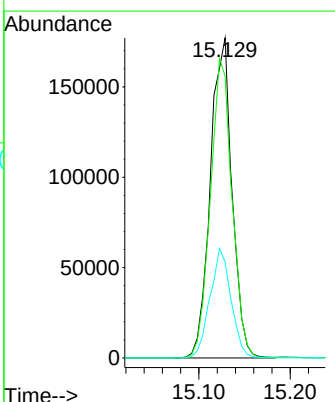
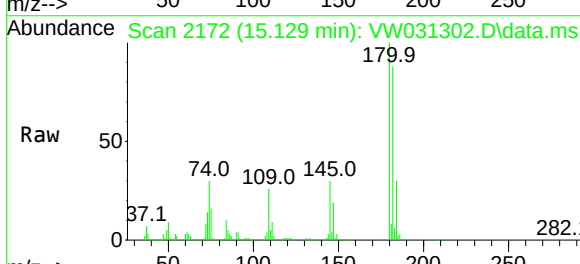
Instrument :
 MSVOA_W
 ClientSampleId :

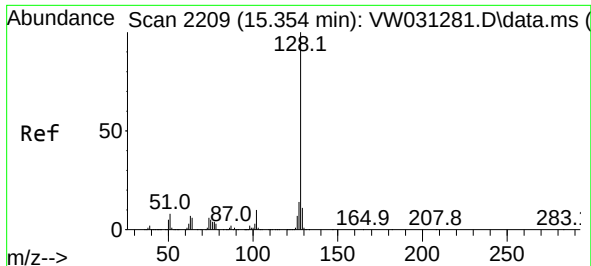
Tgt Ion:	180	Resp:	351418
Ion Ratio	Lower	Upper	
180	100		
182	91.2	75.0	112.4
184	28.2	24.6	36.8
145	29.6	25.7	38.5



#70
 1,2,4-trichlorobenzene
 Concen: 27.949 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VW031302.D
 Acq: 17 Dec 2024 04:37

Tgt Ion:	180	Resp:	292173
Ion Ratio	Lower	Upper	
180	100		
182	93.4	78.2	117.2
145	33.3	26.7	40.1

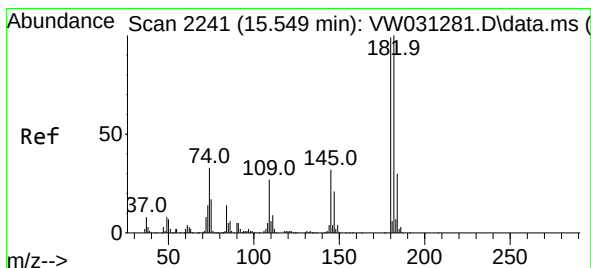
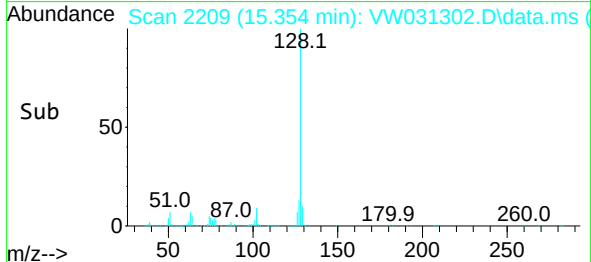
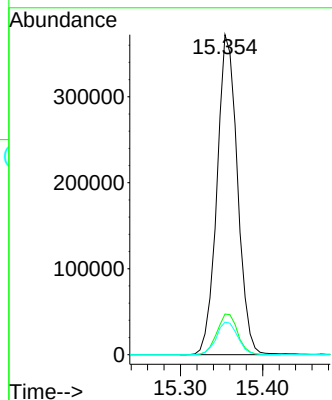
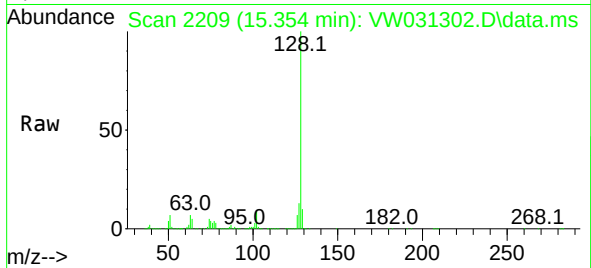




#71
Naphthalene
Concen: 35.113 ug/L
RT: 15.354 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 643548
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 31.813 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW031302.D
Acq: 17 Dec 2024 04:37

Tgt Ion:180 Resp: 267954
Ion Ratio Lower Upper
180 100
182 91.3 75.0 112.4
145 34.2 27.8 41.6

