

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
 Data File : VW031068.D
 Acq On : 20 Nov 2024 11:51
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 21 03:50:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 03:49:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	413831	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	383466	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	194655	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	130678	25.903	ug/L	0.00
7) Chloroethane-d5	2.899	69	102713	25.796	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	63734	25.567	ug/L	0.00
21) 2-Butanone-d5	7.075	46	62518	53.821	ug/L	0.00
24) Chloroform-d	7.648	84	290265	25.821	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	142641	25.970	ug/L	0.00
32) Benzene-d6	8.270	84	583278	26.859	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	165291	25.813	ug/L	0.00
41) Toluene-d8	10.319	98	538145	27.201	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	71295	26.745	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	51671	56.146	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	129556	26.564	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	170122	25.007	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	130533	26.606	ug/L	100
3) Chloromethane	2.229	50	149738	24.798	ug/L	100
5) Vinyl chloride	2.375	62	154989	24.920	ug/L	100
6) Bromomethane	2.789	94	110211	25.378	ug/L	100
8) Chloroethane	2.936	64	95609	25.630	ug/L	100
9) Trichlorofluoromethane	3.271	101	216528	25.170	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	148384	25.472	ug/L	100
12) 1,1-Dichloroethene	4.045	96	142767	25.212	ug/L	100
13) Acetone	4.118	43	94714	62.284	ug/L	100
14) Carbon disulfide	4.387	76	476877	25.944	ug/L	100
15) Methyl Acetate	4.673	43	56919	28.179	ug/L	100
16) Methylene chloride	4.917	84	147460	24.890	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	158143	25.708	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	232835	26.266	ug/L	100
19) 1,1-Dichloroethane	6.216	63	275067	25.517	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	169520	26.119	ug/L	100
22) 2-Butanone	7.167	43	102303	54.858	ug/L	100
23) Bromochloromethane	7.514	128	72845	25.050	ug/L	100
25) Chloroform	7.673	83	287482	25.514	ug/L	100
27) 1,2-Dichloroethane	8.398	62	176000	26.209	ug/L	100
29) Cyclohexane	7.959	56	241750	26.953	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	241284	25.940	ug/L	100
31) Carbon tetrachloride	8.069	117	224500	26.543	ug/L	100
33) Benzene	8.325	78	645306	26.290	ug/L	100
34) Trichloroethene	9.087	95	168568	25.351	ug/L	100
35) Methylcyclohexane	9.331	83	292545	27.379	ug/L	100
37) 1,2-Dichloropropane	9.367	63	156194	25.523	ug/L	100
38) Bromodichloromethane	9.642	83	199626	25.918	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	246071	26.679	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	161909	56.228	ug/L	100
42) Toluene	10.386	91	690361	26.632	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	202564	27.197	ug/L	100

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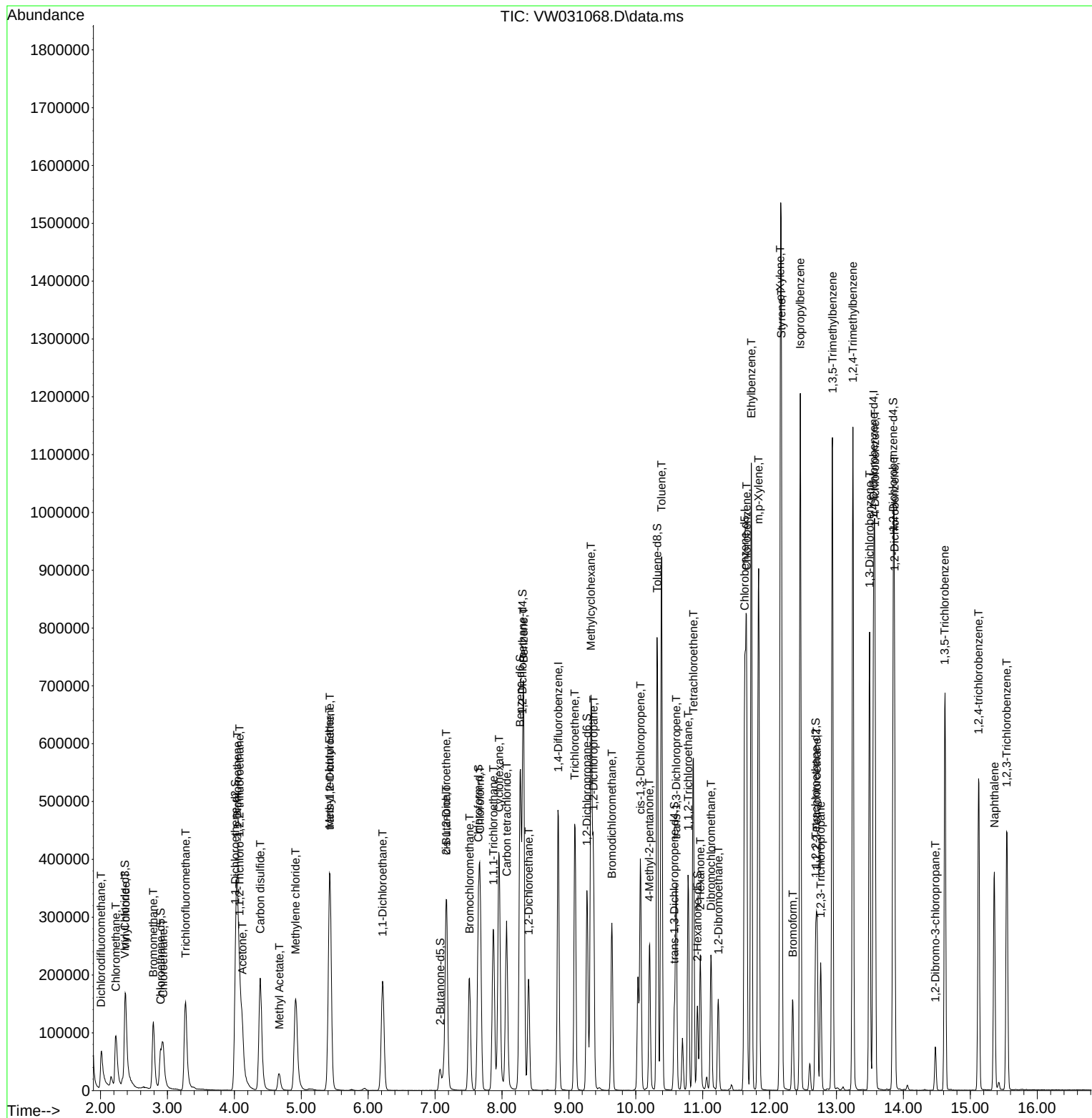
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	117618	26.423	ug/L	100
46) Tetrachloroethene	10.861	164	135033	25.396	ug/L	100
48) 2-Hexanone	10.965	43	137672	60.470	ug/L	100
49) Dibromochloromethane	11.123	129	126578	25.569	ug/L	100
50) 1,2-Dibromoethane	11.233	107	111371	26.291	ug/L	100
51) Chlorobenzene	11.654	112	433043	25.544	ug/L	100
52) Ethylbenzene	11.727	91	777815	26.763	ug/L	100
53) m,p-Xylene	11.837	106	299462	26.996	ug/L	100
54) o-Xylene	12.160	106	274631	26.344	ug/L	100
55) Styrene	12.178	104	485995	27.393	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	131320	26.449	ug/L	100
59) Bromoform	12.349	173	77561	26.624	ug/L	100
60) Isopropylbenzene	12.458	105	771025	27.187	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	94390	26.489	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	612457	27.376	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	617728	27.993	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	335161	25.912	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	348679	25.908	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	300494	25.917	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	20391	26.181	ug/L	100
69) 1,3,5-Trichlorobenzene	14.617	180	218532	24.716	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	179144	25.335	ug/L	100
71) Naphthalene	15.360	128	334821	28.007	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	162608	25.837	ug/L	100

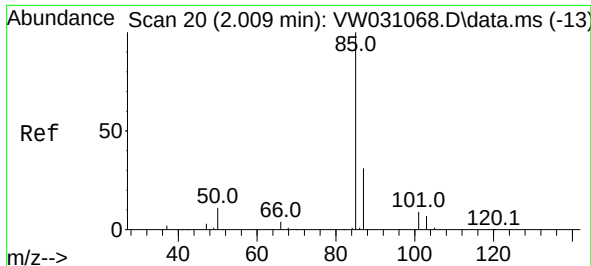
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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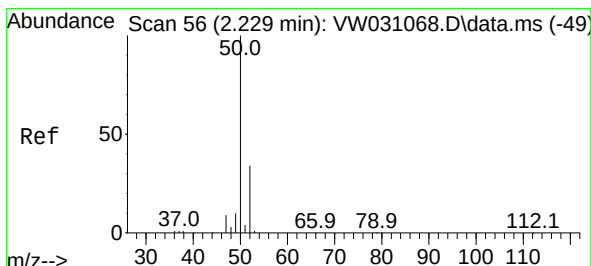
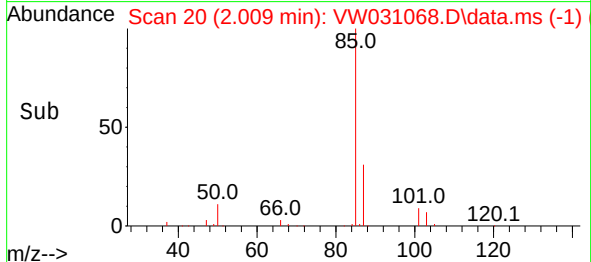
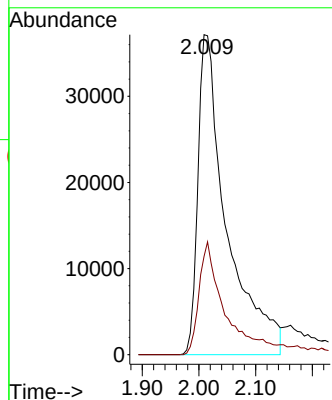
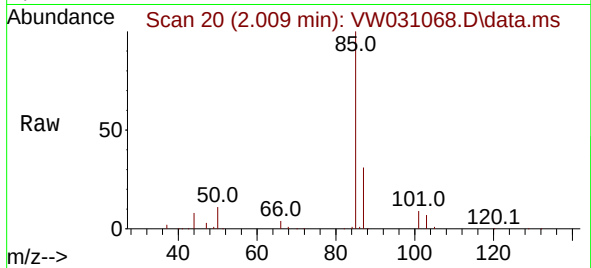




#2
 Dichlorodifluoromethane
 Concen: 26.606 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031068.D
 Acq: 20 Nov 2024 11:51

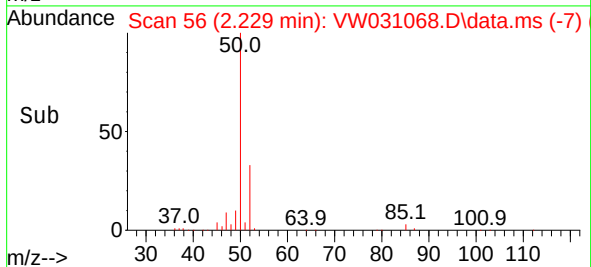
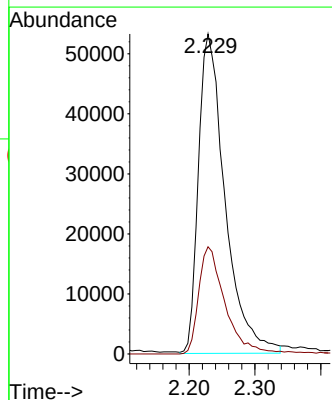
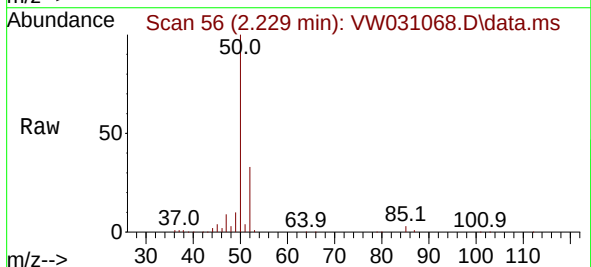
Instrument :
 MSVOA_W
 ClientSampleId :

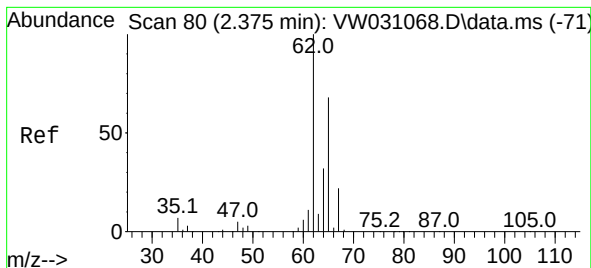
Tgt Ion: 85 Resp: 130533
 Ion Ratio Lower Upper
 85 100
 87 29.7 23.8 35.6



#3
 Chloromethane
 Concen: 24.798 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW031068.D
 Acq: 20 Nov 2024 11:51

Tgt Ion: 50 Resp: 149738
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.4 43.6





#5

Vinyl chloride

Concen: 24.920 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

Instrument :

MSVOA_W

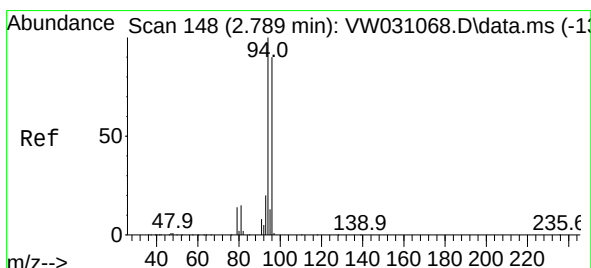
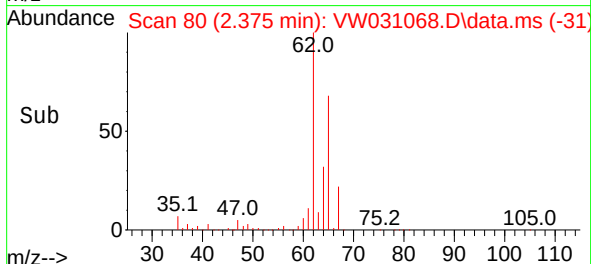
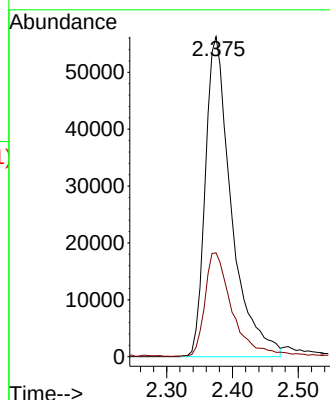
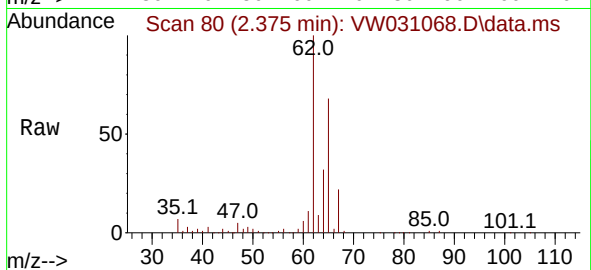
ClientSampleId :

Tgt Ion: 62 Resp: 154989

Ion Ratio Lower Upper

62 100

64 32.4 22.7 42.1



#6

Bromomethane

Concen: 25.378 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW031068.D

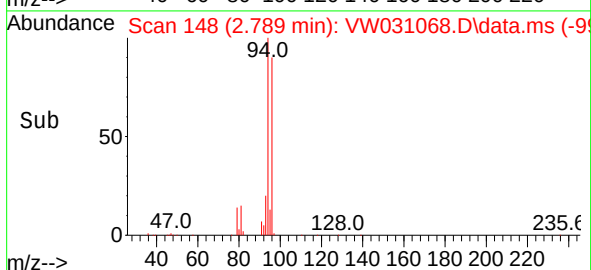
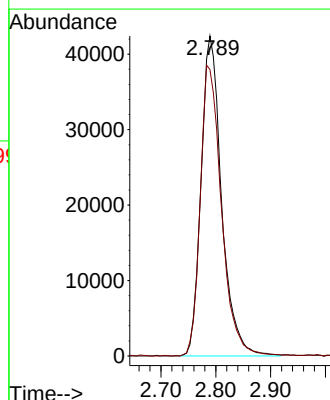
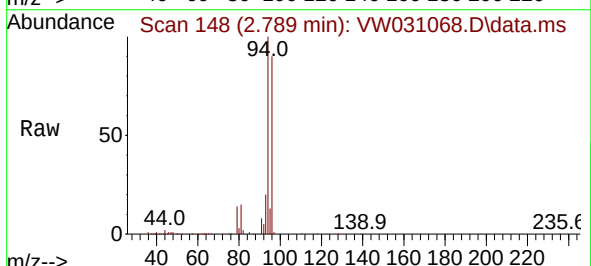
Acq: 20 Nov 2024 11:51

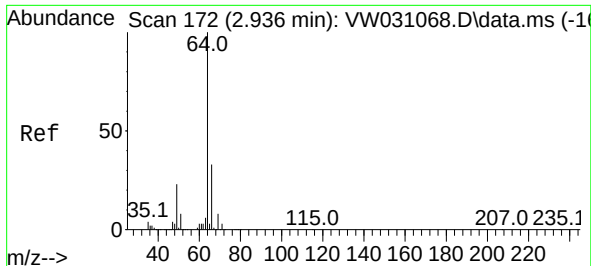
Tgt Ion: 94 Resp: 110211

Ion Ratio Lower Upper

94 100

96 89.5 62.6 116.3

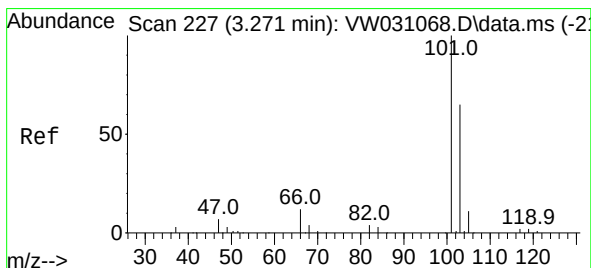
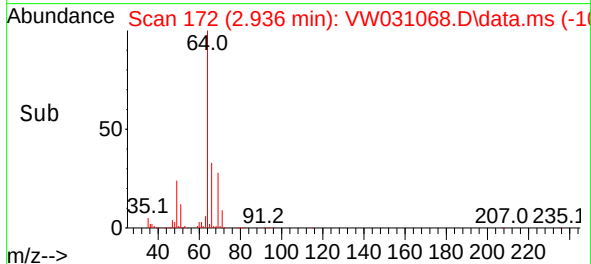
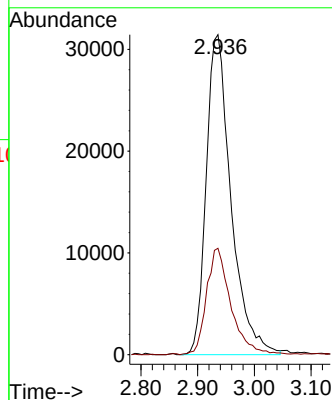
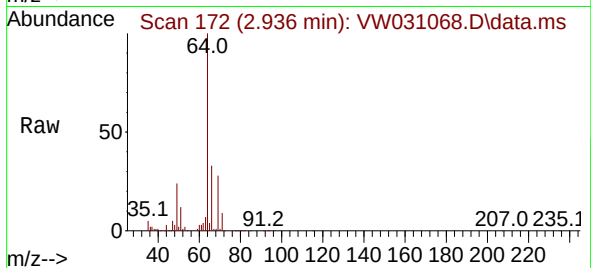




#8
Chloroethane
Concen: 25.630 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

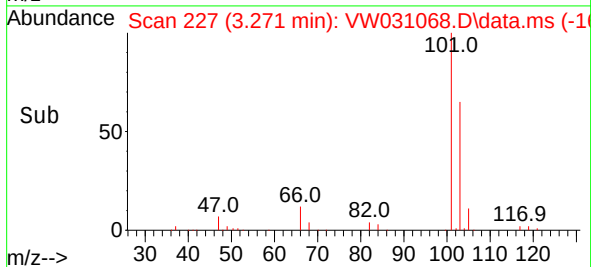
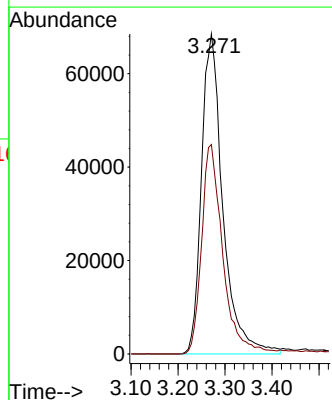
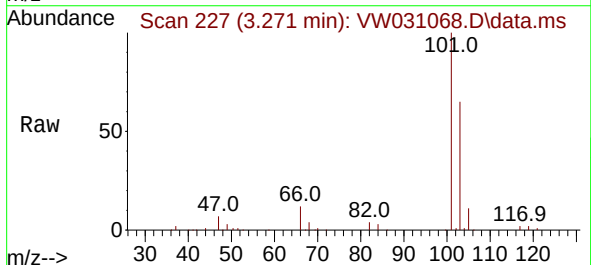
Instrument :
MSVOA_W
ClientSampleId :

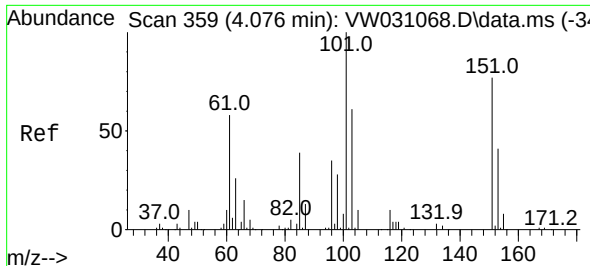
Tgt Ion: 64 Resp: 95609
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 25.170 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

Tgt Ion:101 Resp: 216528
Ion Ratio Lower Upper
101 100
103 63.4 50.7 76.1





#10

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

Concen: 25.472 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

Instrument :

MSVOA_W

ClientSampleId :

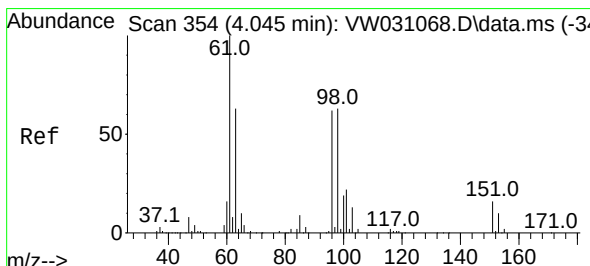
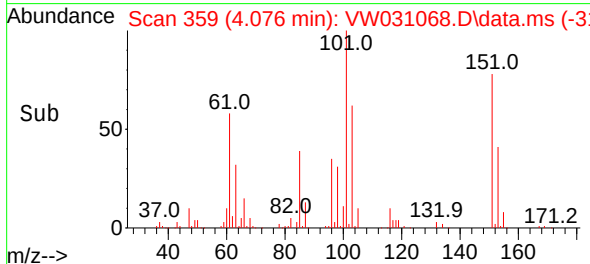
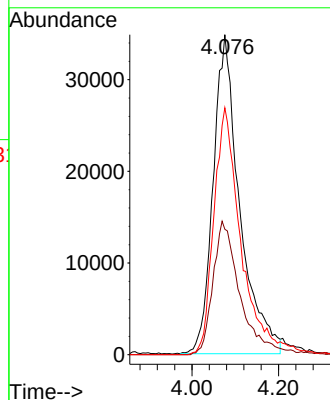
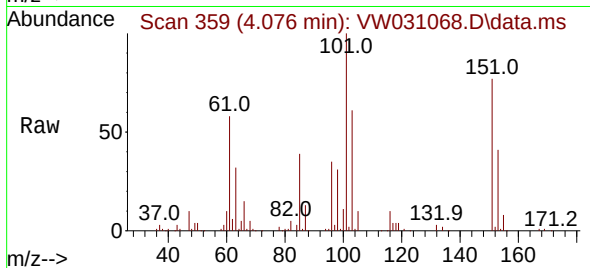
Tgt Ion:101 Resp: 148384

Ion Ratio Lower Upper

101 100

85 42.4 33.9 50.9

151 77.2 61.8 92.6



#12

1,1-Dichloroethene

Concen: 25.212 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

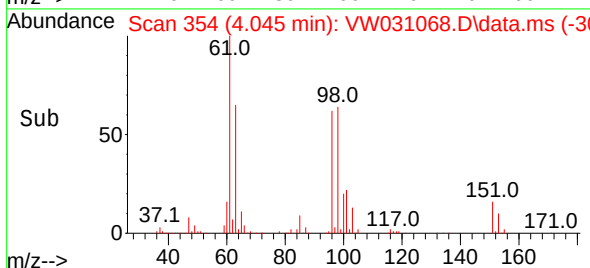
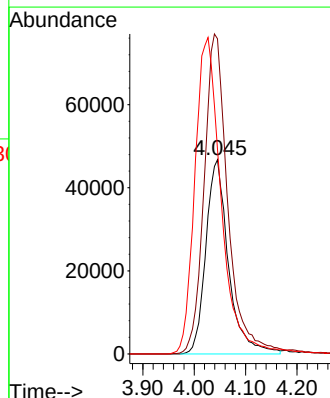
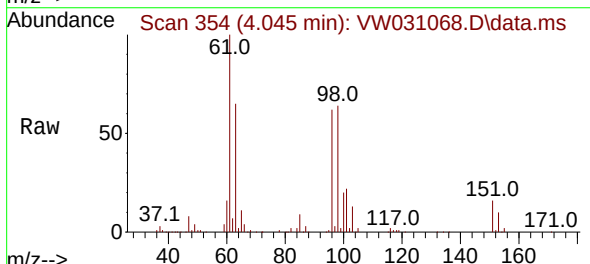
Tgt Ion: 96 Resp: 142767

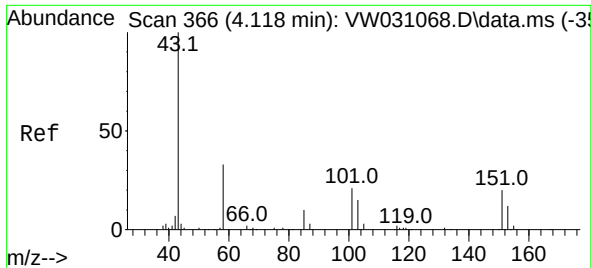
Ion Ratio Lower Upper

96 100

61 162.2 113.5 210.9

63 105.5 73.8 137.2

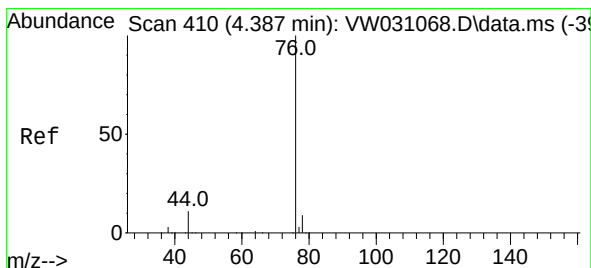
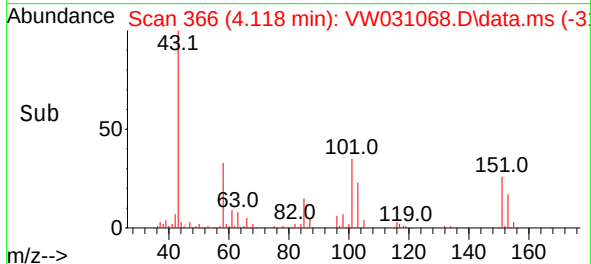
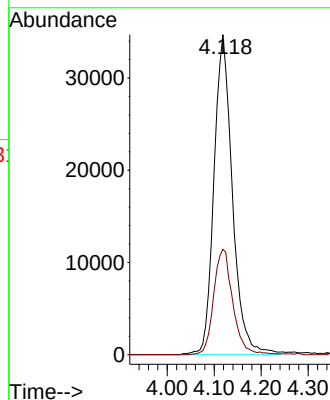
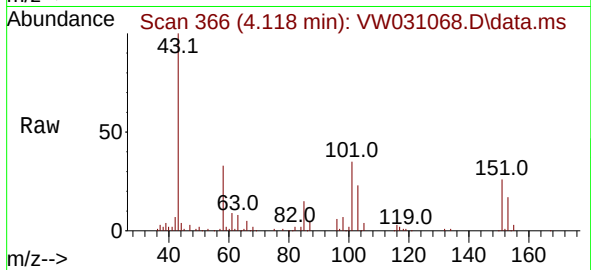




#13
Acetone
Concen: 62.284 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

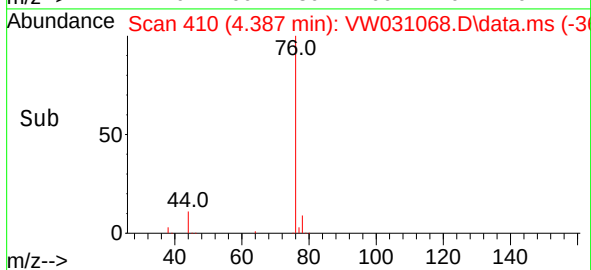
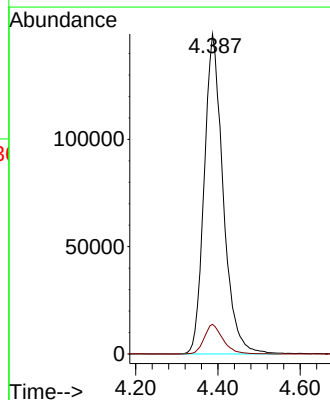
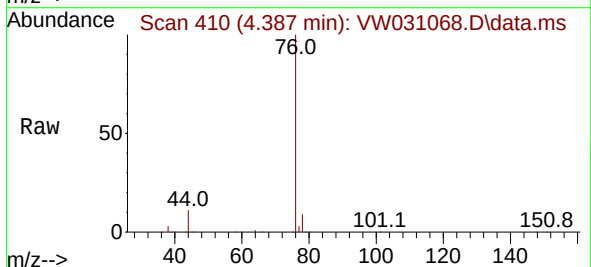
Instrument :
MSVOA_W
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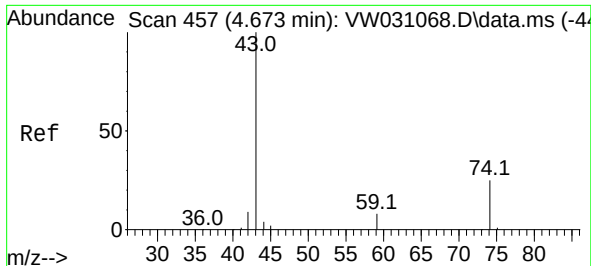
Tgt Ion: 43 Resp: 94714
Ion Ratio Lower Upper
43 100
58 33.6 0.0 67.2



#14
Carbon disulfide
Concen: 25.944 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

Tgt Ion: 76 Resp: 476877
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

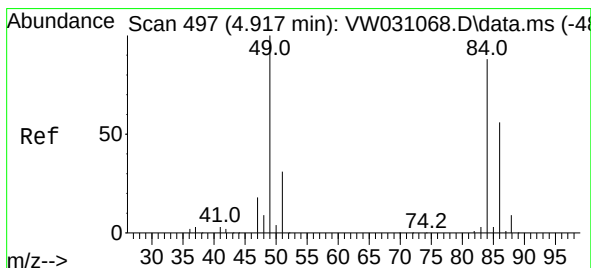
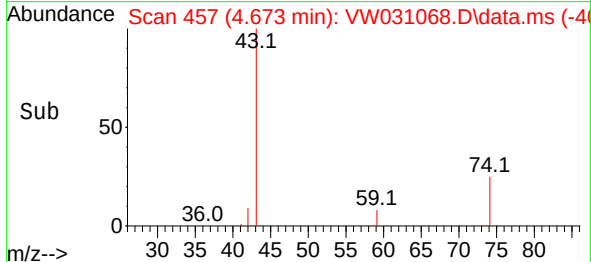
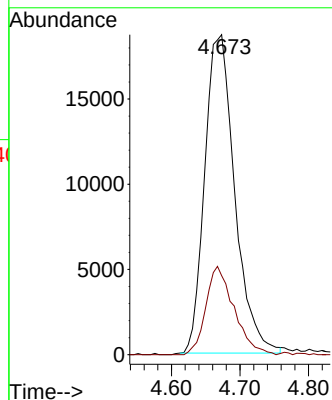
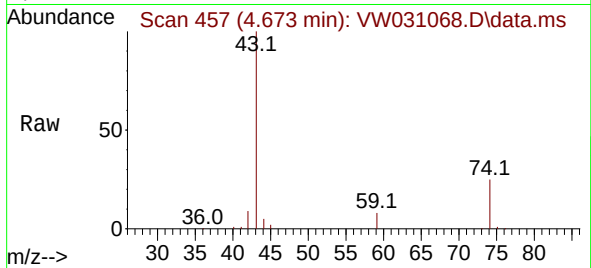




#15
Methyl Acetate
Concen: 28.179 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

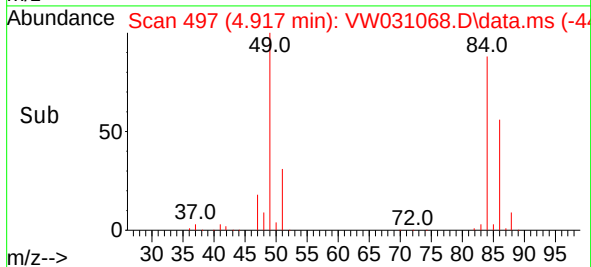
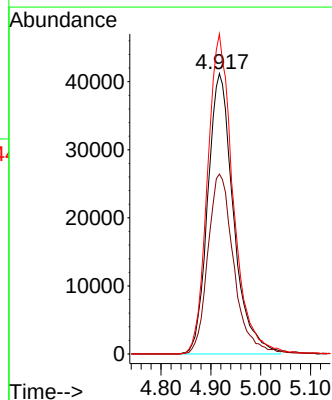
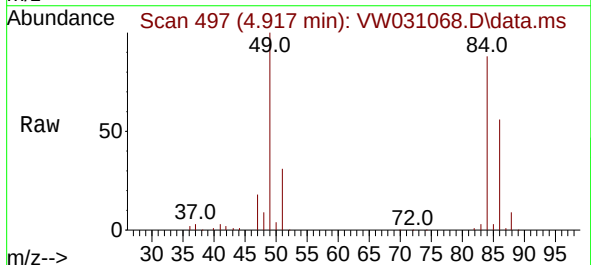
Instrument :
MSVOA_W
ClientSampleId :

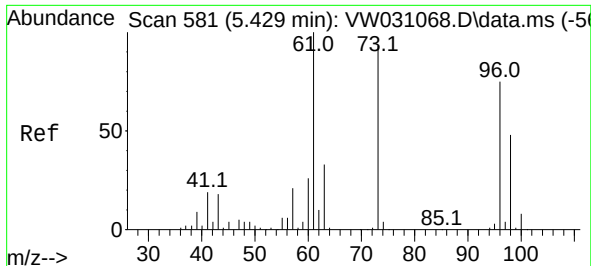
Tgt Ion: 43 Resp: 56919
Ion Ratio Lower Upper
43 100
74 26.0 20.8 31.2



#16
Methylene chloride
Concen: 24.890 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

Tgt Ion: 84 Resp: 147460
Ion Ratio Lower Upper
84 100
86 64.2 44.9 83.5
49 114.2 79.9 148.5





#17

trans-1,2-Dichloroethene

Concen: 25.708 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

Instrument :

MSVOA_W

ClientSampleId :

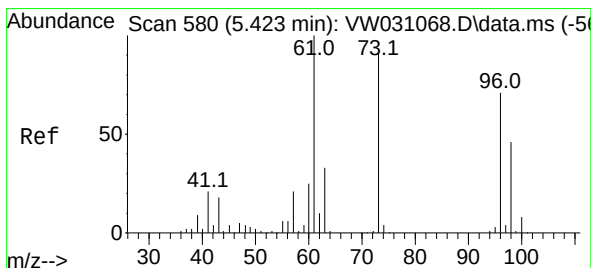
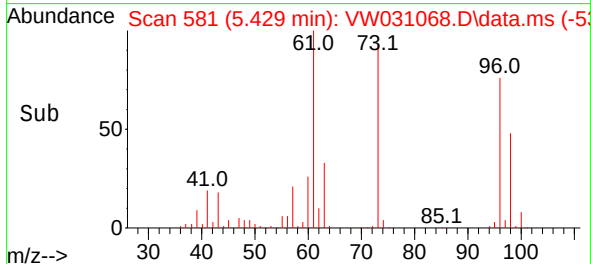
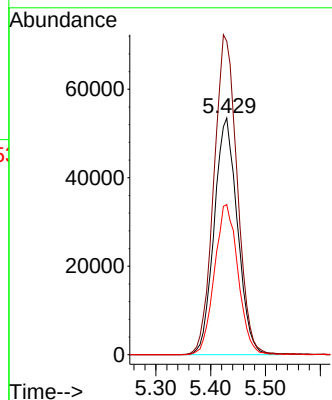
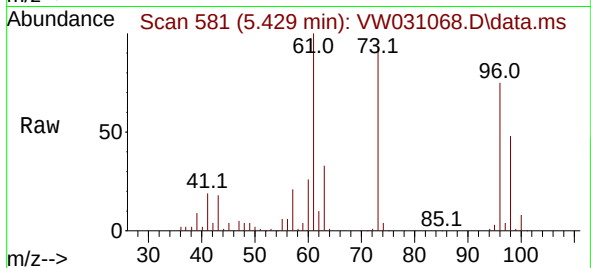
Tgt Ion: 96 Resp: 158143

Ion Ratio Lower Upper

96 100

61 132.5 92.7 172.3

98 63.4 44.4 82.4



#18

Methyl tert-butyl Ether

Concen: 26.266 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

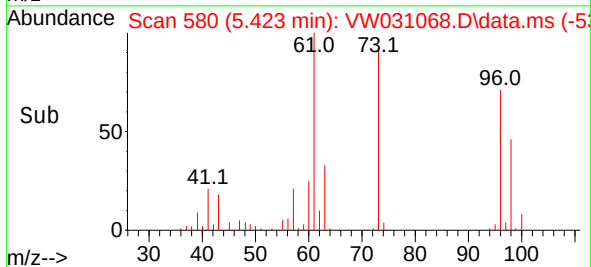
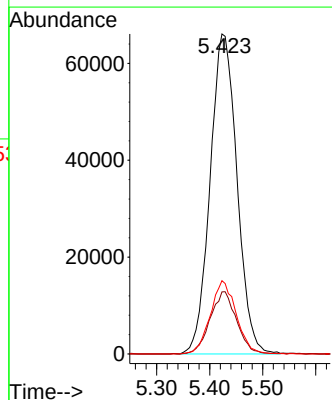
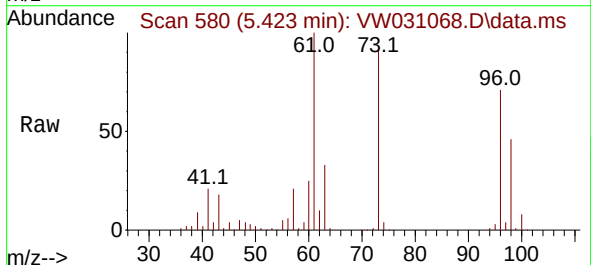
Tgt Ion: 73 Resp: 232835

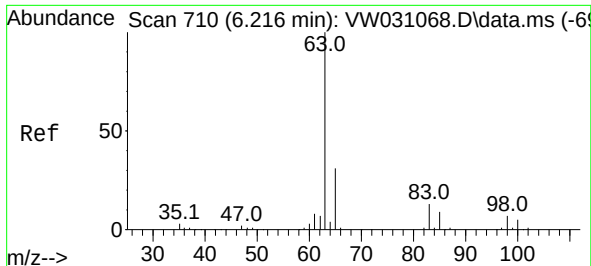
Ion Ratio Lower Upper

73 100

43 19.2 15.4 23.0

57 22.0 17.6 26.4

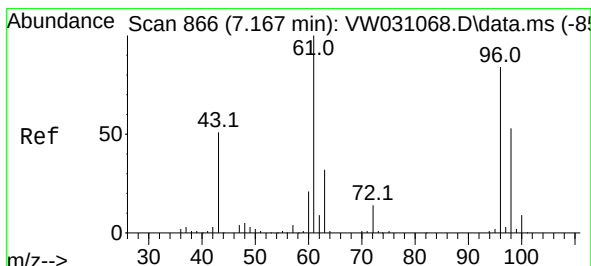
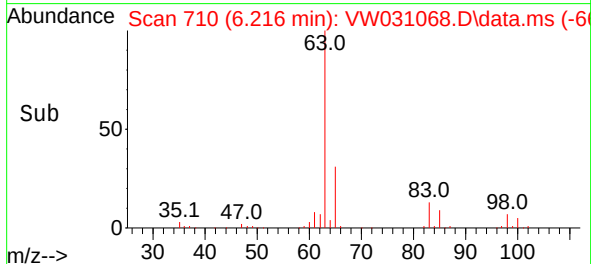
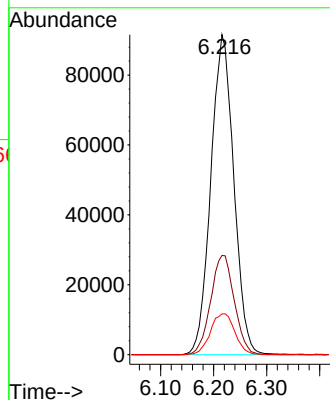
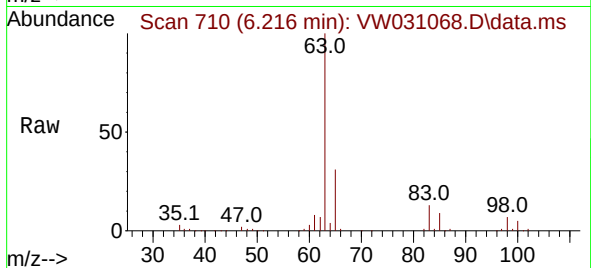




#19
1,1-Dichloroethane
Concen: 25.517 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

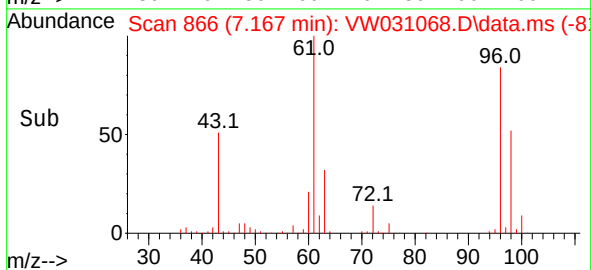
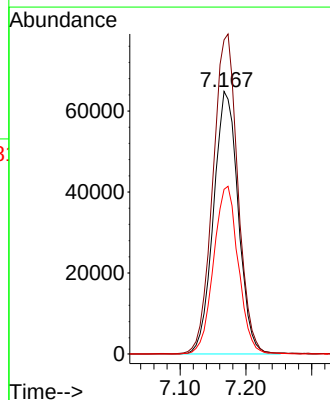
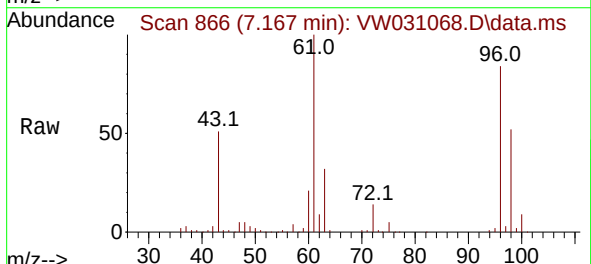
Instrument :
MSVOA_W
ClientSampleId :

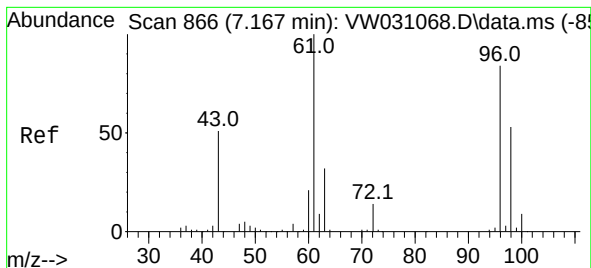
Tgt Ion: 63 Resp: 275067
Ion Ratio Lower Upper
63 100
65 31.0 21.7 40.3
83 12.7 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 26.119 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

Tgt Ion: 96 Resp: 169520
Ion Ratio Lower Upper
96 100
61 119.6 83.7 155.5
98 62.7 43.9 81.5





#22

2-Butanone

Concen: 54.858 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

Instrument :

MSVOA_W

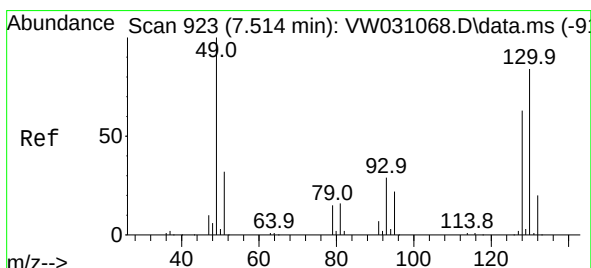
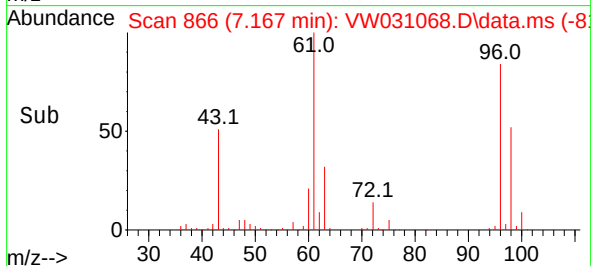
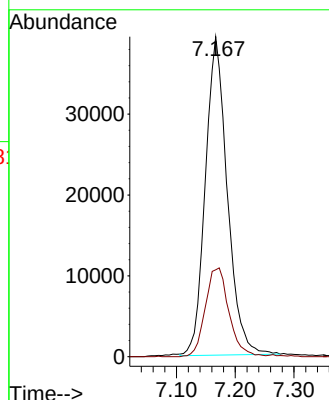
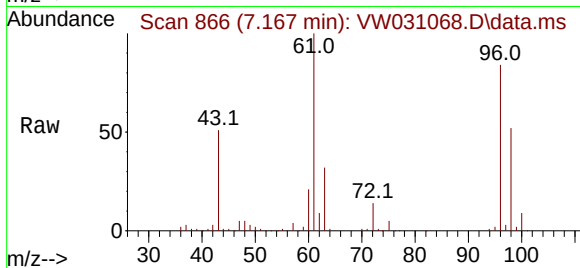
ClientSampleId :

Tgt Ion: 43 Resp: 102303

Ion Ratio Lower Upper

43 100

72 29.8 14.9 44.7



#23

Bromochloromethane

Concen: 25.050 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

Tgt Ion:128 Resp: 72845

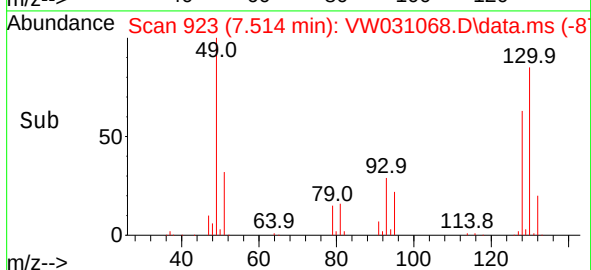
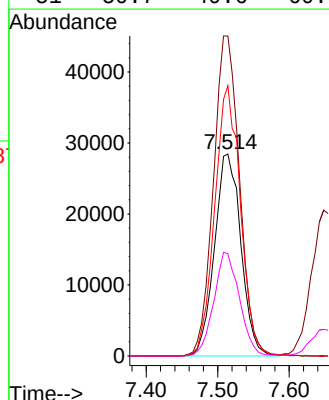
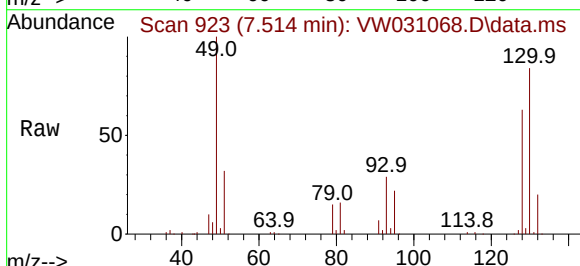
Ion Ratio Lower Upper

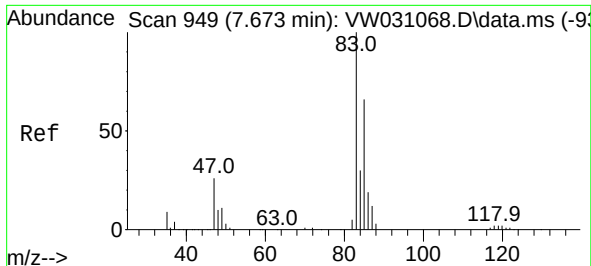
128 100

49 158.5 110.9 206.1

130 133.8 93.7 173.9

51 50.7 40.6 60.8





#25

Chloroform

Concen: 25.514 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

Instrument :

MSVOA_W

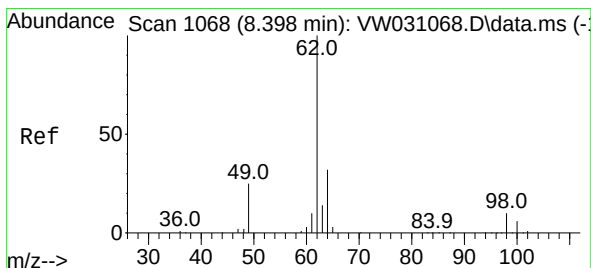
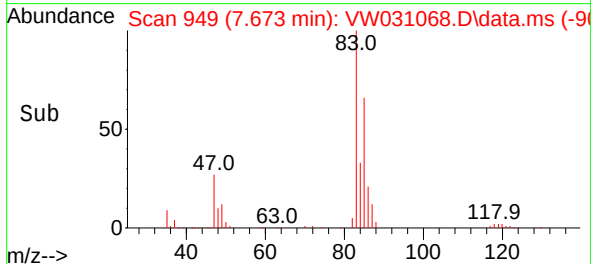
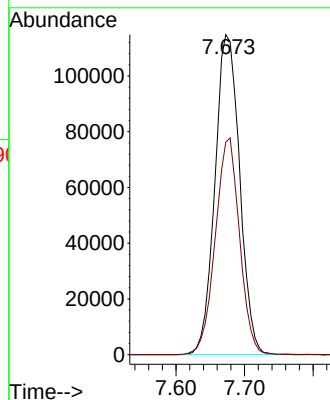
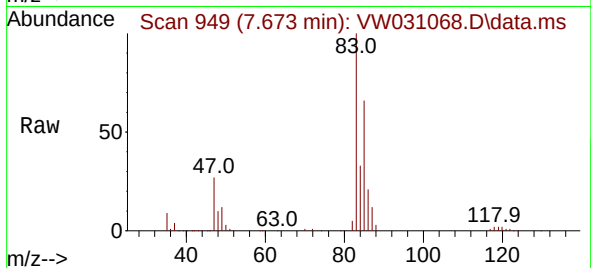
ClientSampleId :

Tgt Ion: 83 Resp: 287482

Ion Ratio Lower Upper

83 100

85 66.4 46.5 86.3



#27

1,2-Dichloroethane

Concen: 26.209 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031068.D

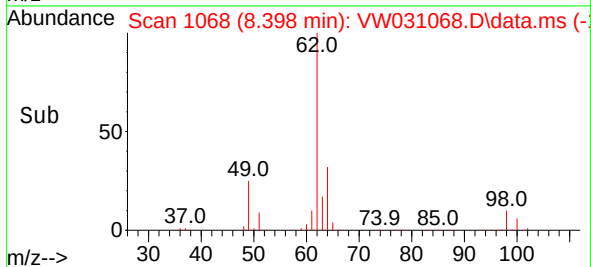
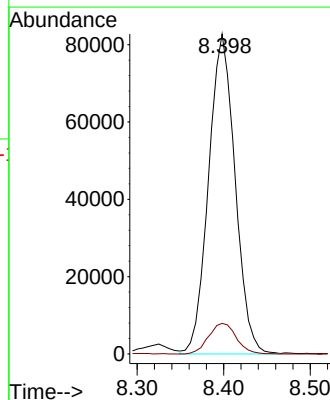
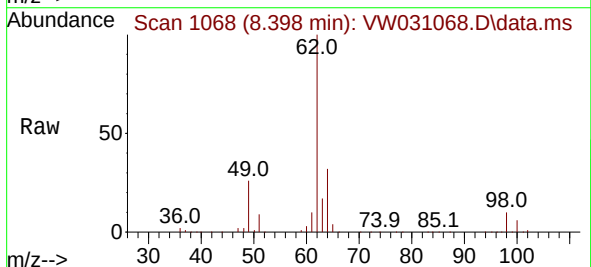
Acq: 20 Nov 2024 11:51

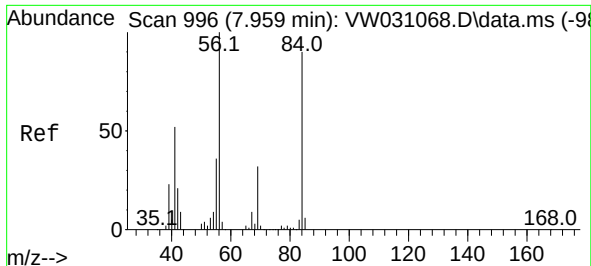
Tgt Ion: 62 Resp: 176000

Ion Ratio Lower Upper

62 100

98 9.6 7.7 11.5





#29

Cyclohexane

Concen: 26.953 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

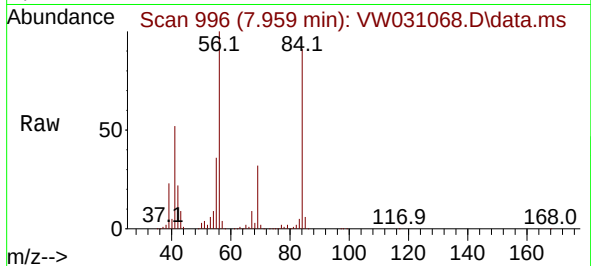
Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

Instrument :

MSVOA_W

ClientSampleId :



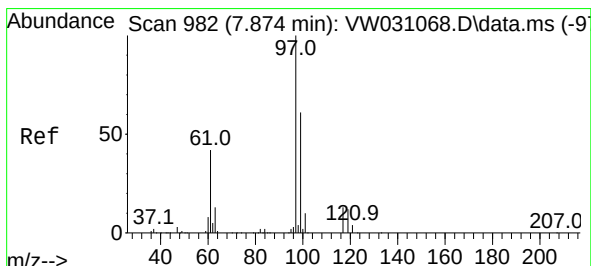
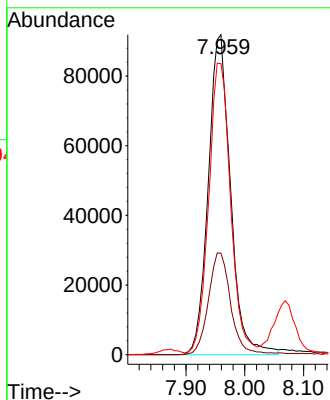
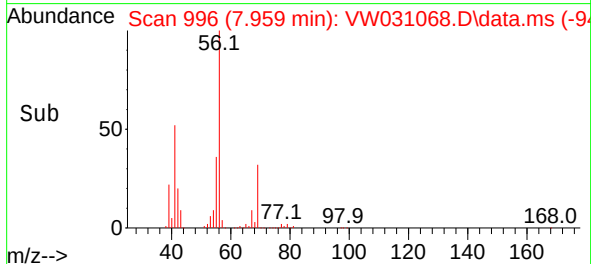
Tgt Ion: 56 Resp: 241750

Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.2

84 88.9 71.1 106.7



#30

1,1,1-Trichloroethane

Concen: 25.940 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

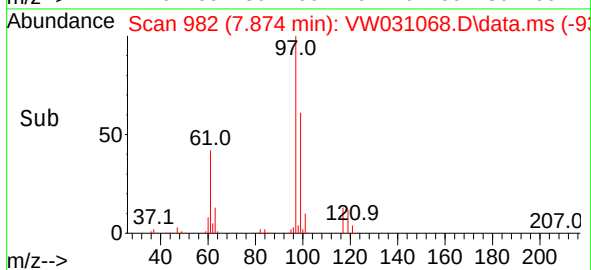
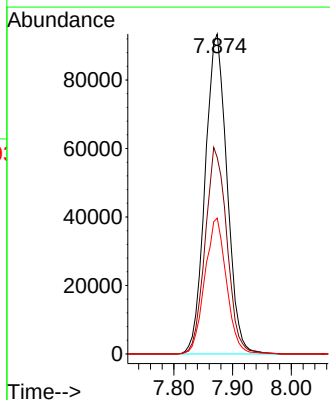
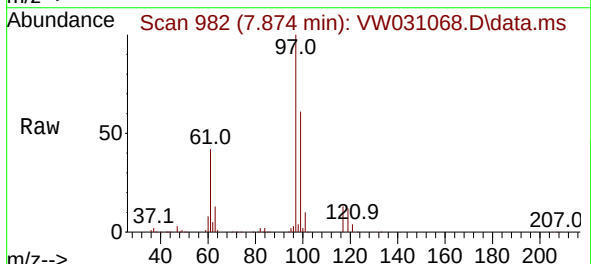
Tgt Ion: 97 Resp: 241284

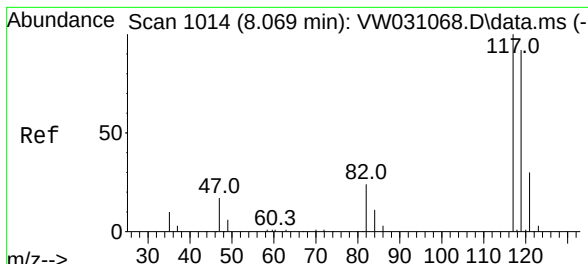
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 42.2 33.8 50.6

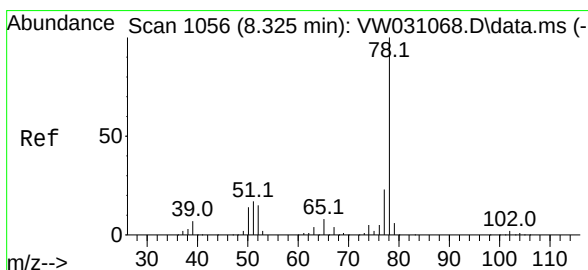
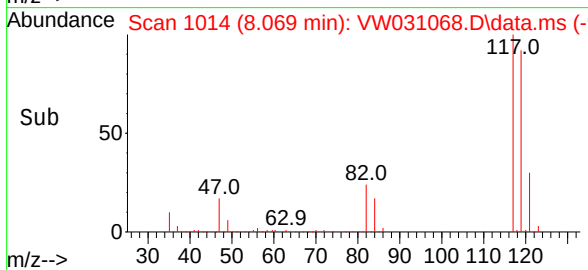
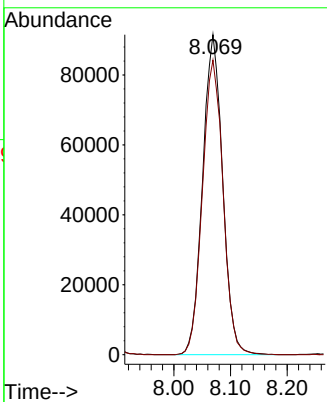
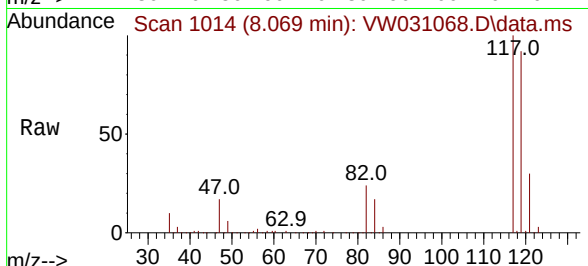




#31
Carbon tetrachloride
Concen: 26.543 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

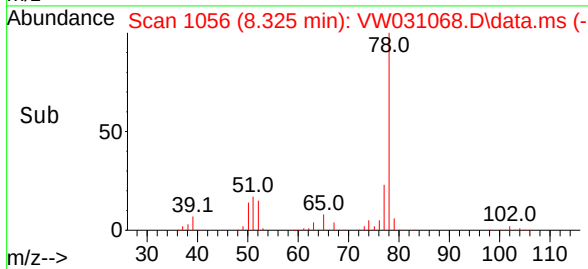
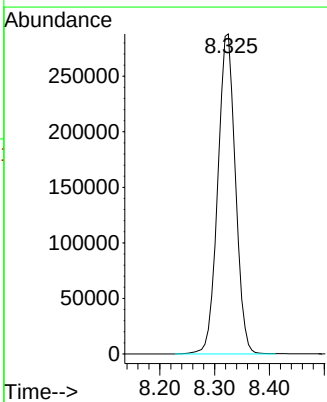
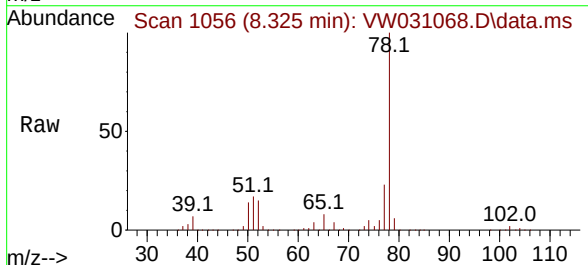
Instrument :
MSVOA_W
ClientSampleId :

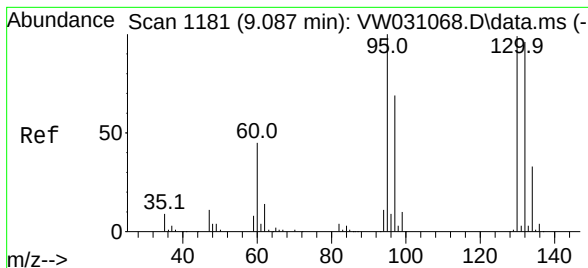
Tgt Ion:117 Resp: 224500
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8



#33
Benzene
Concen: 26.290 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

Tgt Ion: 78 Resp: 645306





#34

Trichloroethene

Concen: 25.351 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 168568

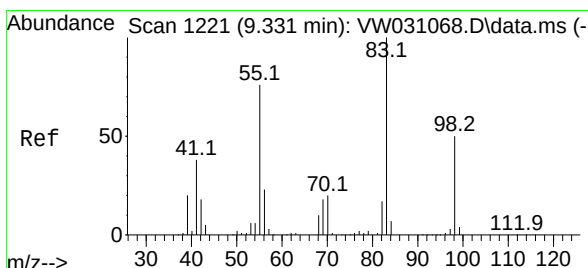
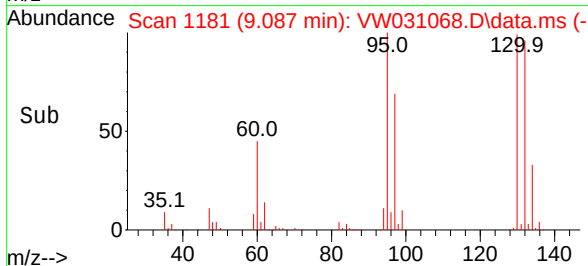
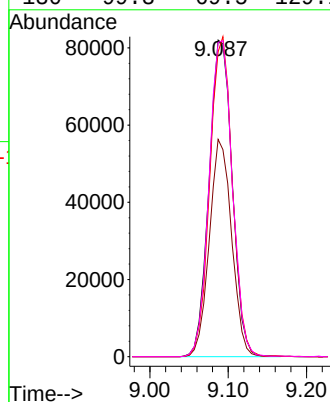
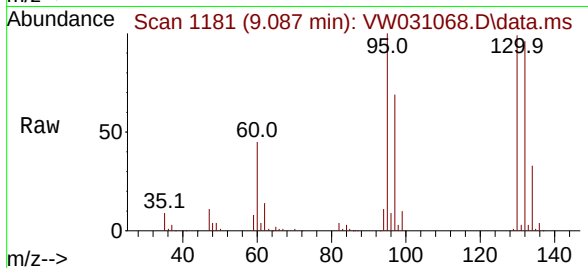
Ion Ratio Lower Upper

95 100

97 68.6 48.0 89.2

132 96.3 67.4 125.2

130 99.3 69.5 129.1



#35

Methylcyclohexane

Concen: 27.379 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

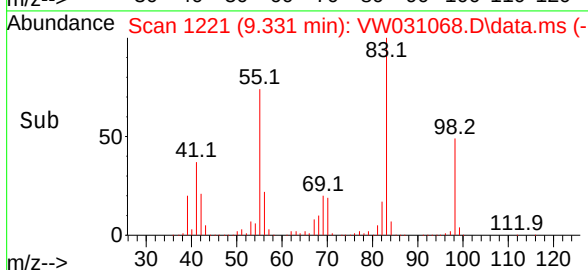
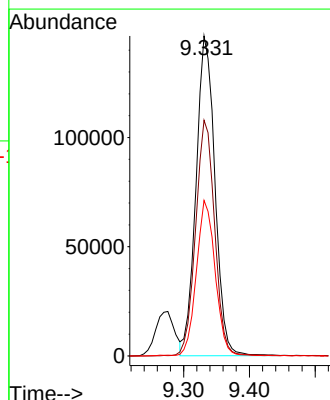
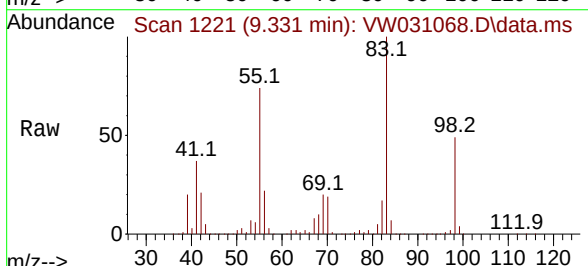
Tgt Ion: 83 Resp: 292545

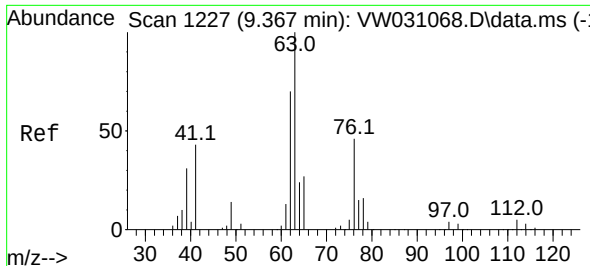
Ion Ratio Lower Upper

83 100

55 74.4 59.5 89.3

98 48.4 38.7 58.1





#37

1,2-Dichloropropane

Concen: 25.523 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

Instrument :

MSVOA_W

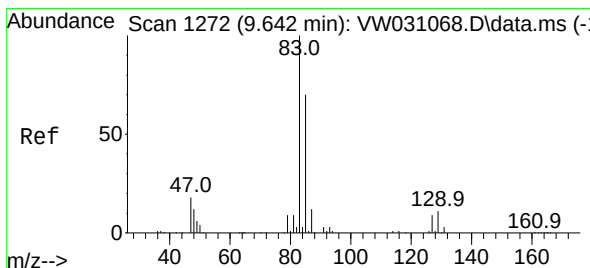
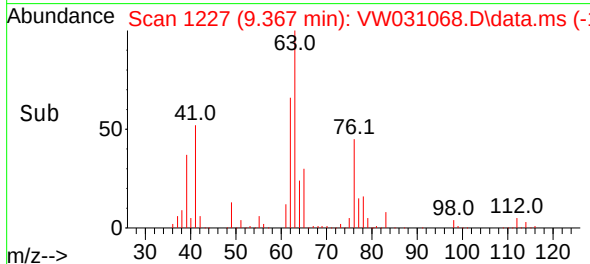
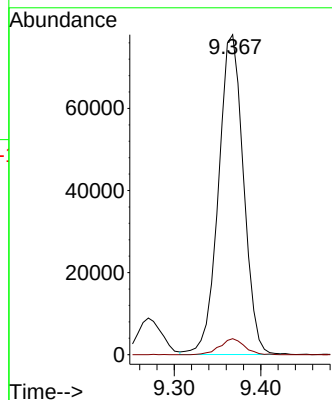
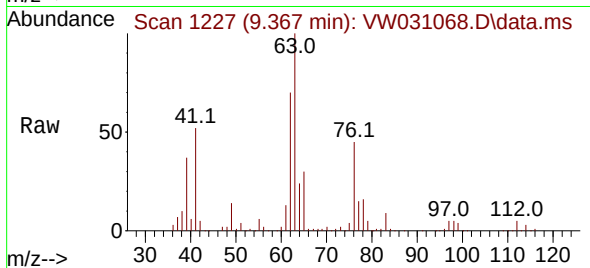
ClientSampleId :

Tgt Ion: 63 Resp: 156194

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 25.918 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

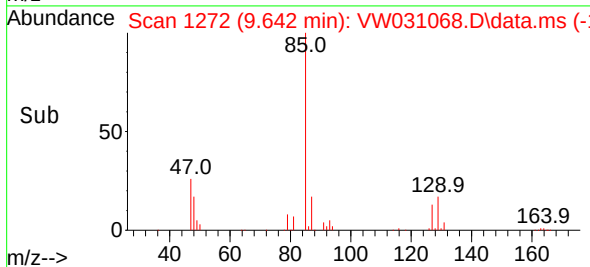
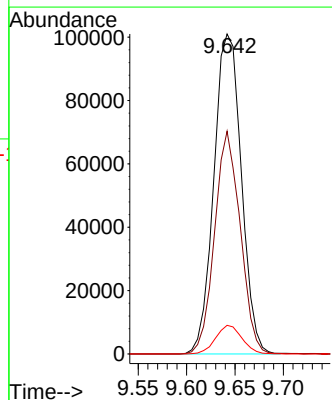
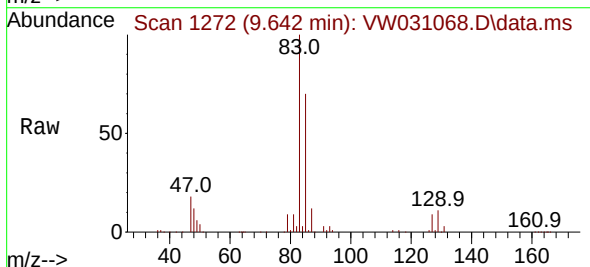
Tgt Ion: 83 Resp: 199626

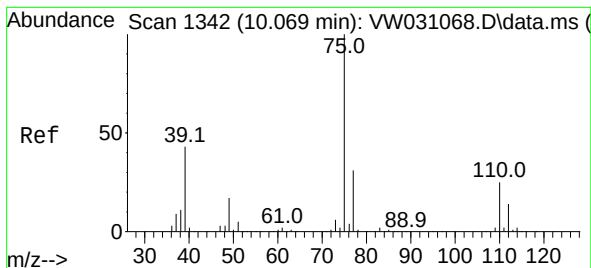
Ion Ratio Lower Upper

83 100

85 69.6 48.7 90.5

127 9.0 7.2 10.8

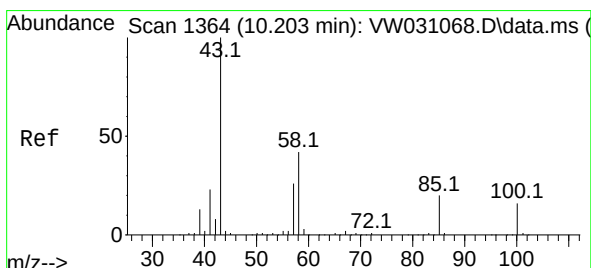
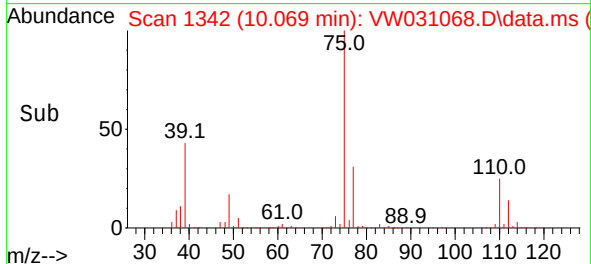
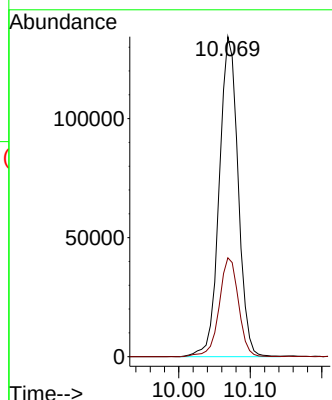
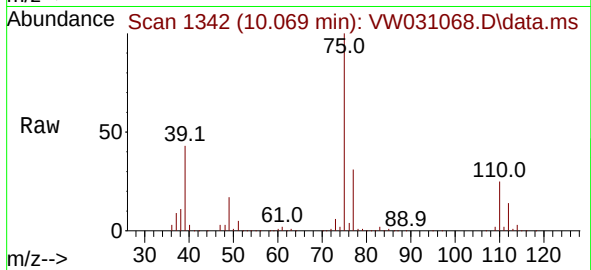




#39
cis-1,3-Dichloropropene
Concen: 26.679 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

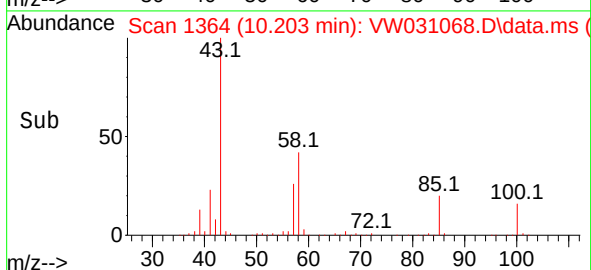
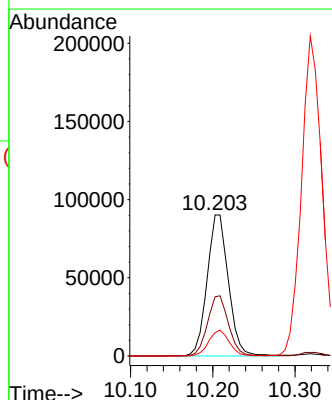
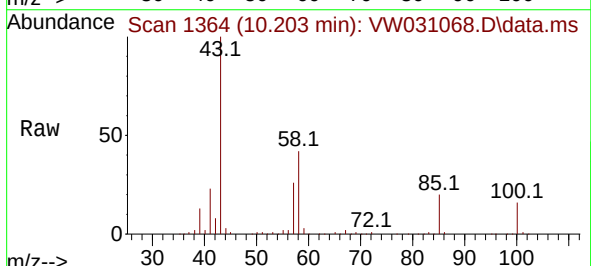
Instrument :
MSVOA_W
ClientSampleId :

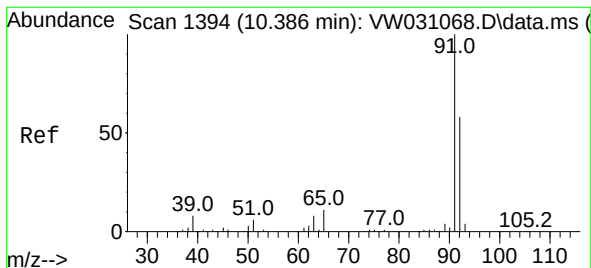
Tgt Ion: 75 Resp: 246071
Ion Ratio Lower Upper
75 100
77 30.9 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 56.228 ug/L
RT: 10.203 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

Tgt Ion: 43 Resp: 161909
Ion Ratio Lower Upper
43 100
58 42.1 33.7 50.5
100 17.7 14.2 21.2





#42

Toluene

Concen: 26.632 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

Instrument :

MSVOA_W

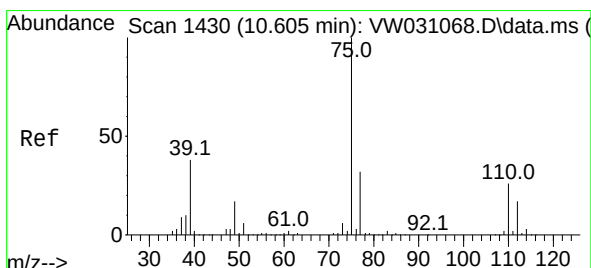
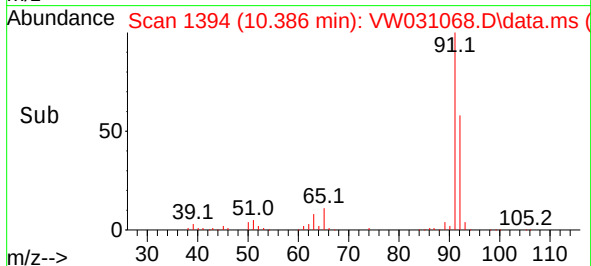
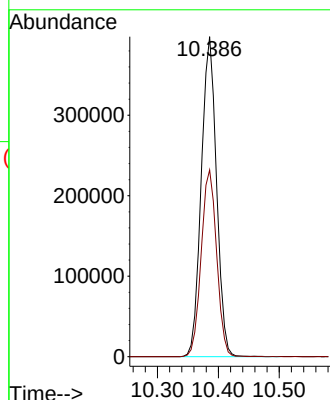
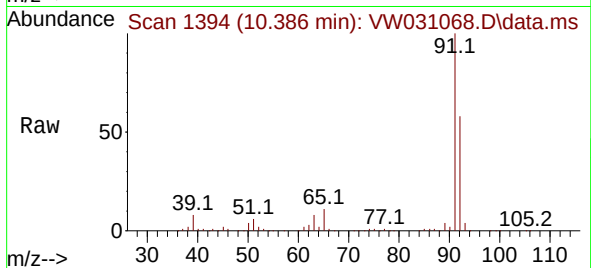
ClientSampleId :

Tgt Ion: 91 Resp: 690361

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 27.197 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031068.D

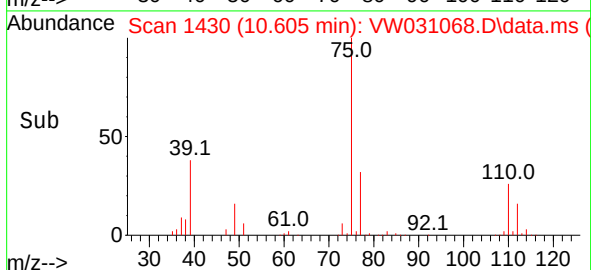
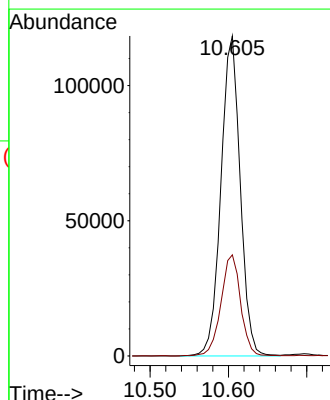
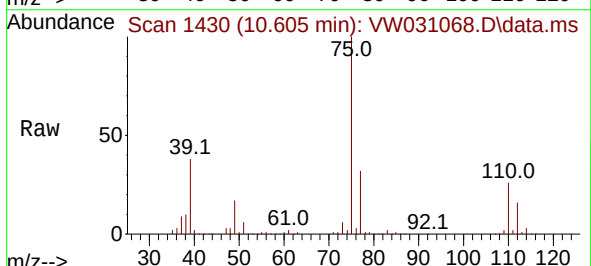
Acq: 20 Nov 2024 11:51

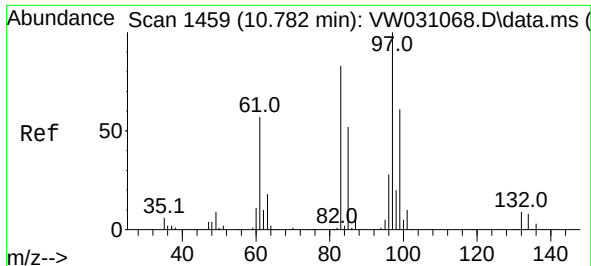
Tgt Ion: 75 Resp: 202564

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 26.423 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 117618

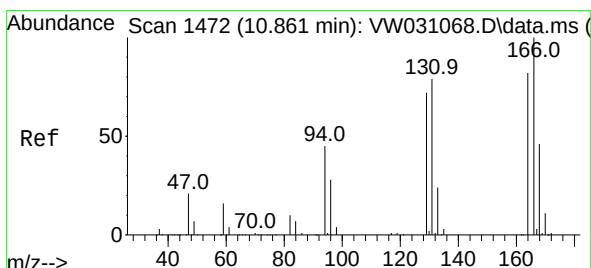
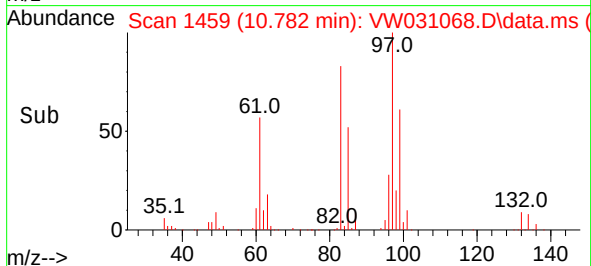
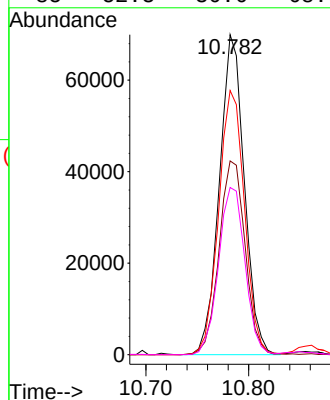
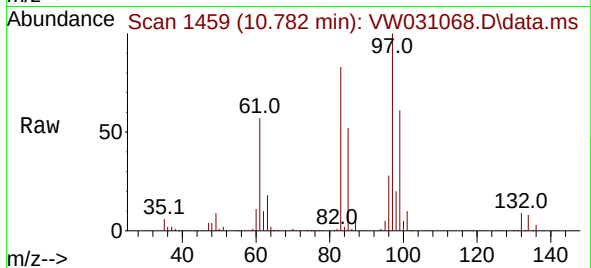
Ion Ratio Lower Upper

97 100

99 60.6 42.4 78.8

83 82.6 57.8 107.4

85 52.3 36.6 68.0



#46

Tetrachloroethene

Concen: 25.396 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

Tgt Ion:164 Resp: 135033

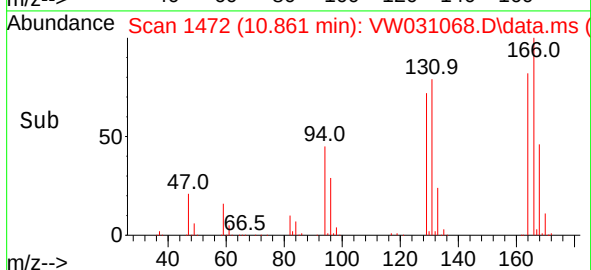
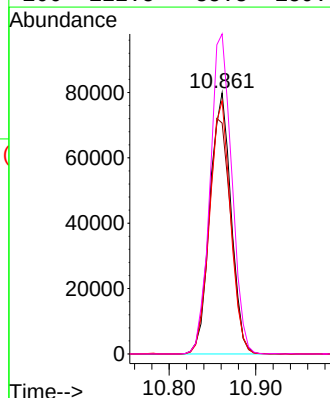
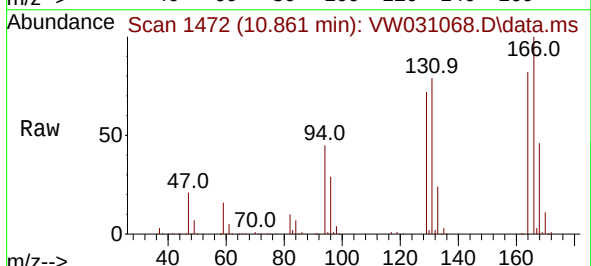
Ion Ratio Lower Upper

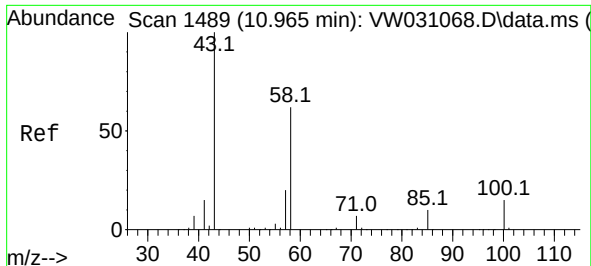
164 100

129 88.4 61.9 114.9

131 97.0 67.9 126.1

166 122.5 85.8 159.3

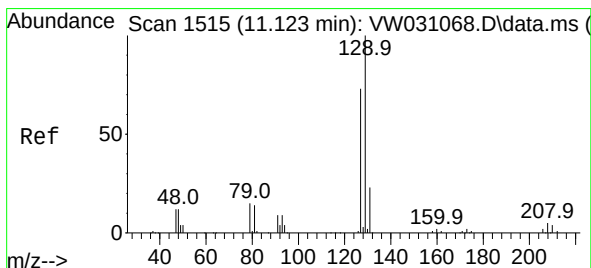
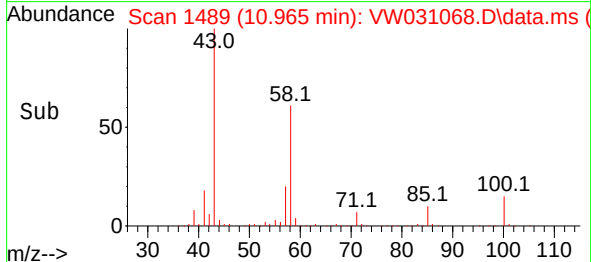
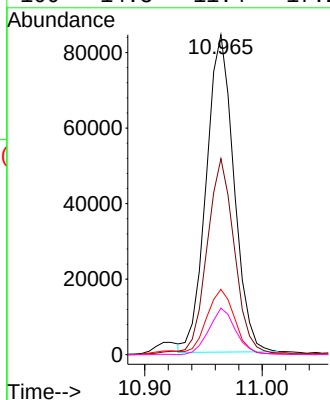
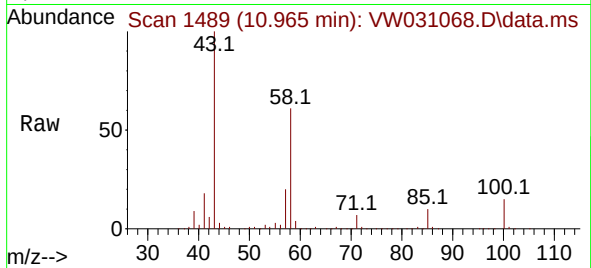




#48
2-Hexanone
Concen: 60.470 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

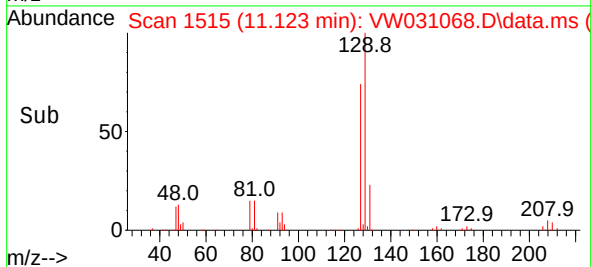
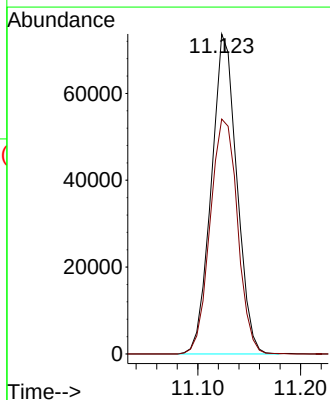
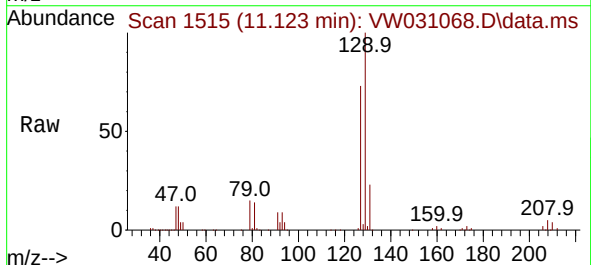
Instrument :
MSVOA_W
ClientSampleId :

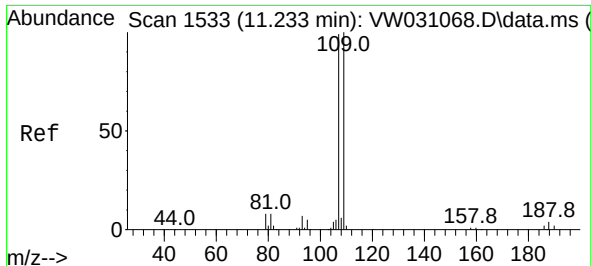
Tgt Ion: 43 Resp: 137672
Ion Ratio Lower Upper
43 100
58 62.2 49.8 74.6
57 20.7 16.6 24.8
100 14.3 11.4 17.2



#49
Dibromochloromethane
Concen: 25.569 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

Tgt Ion:129 Resp: 126578
Ion Ratio Lower Upper
129 100
127 73.4 51.4 95.4





#50

1,2-Dibromoethane

Concen: 26.291 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

Instrument :

MSVOA_W

ClientSampleId :

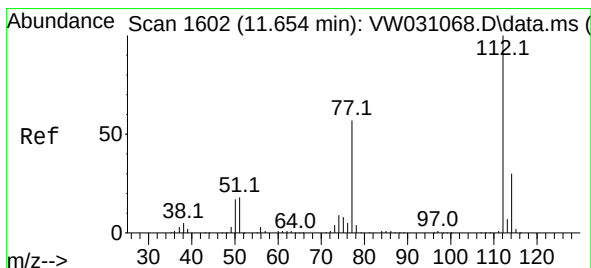
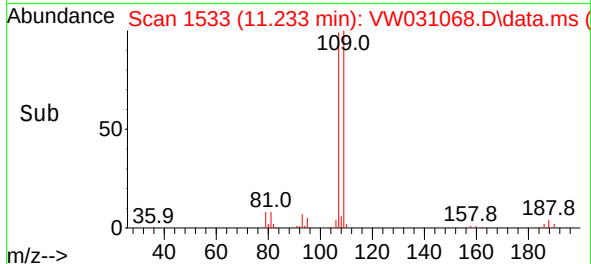
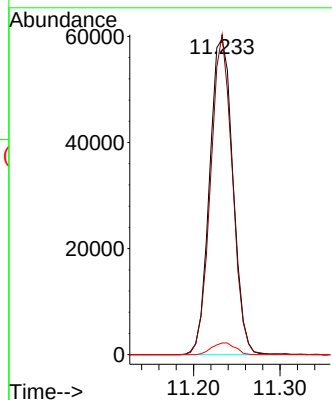
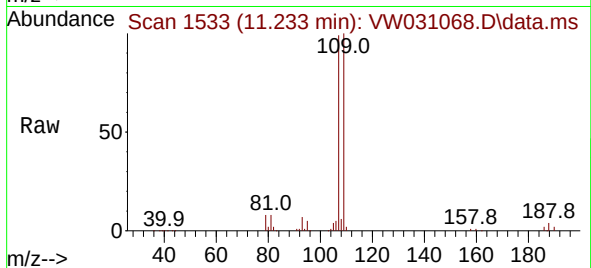
Tgt Ion:107 Resp: 111371

Ion Ratio Lower Upper

107 100

109 101.5 71.0 131.9

188 3.7 3.0 4.4



#51

Chlorobenzene

Concen: 25.544 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

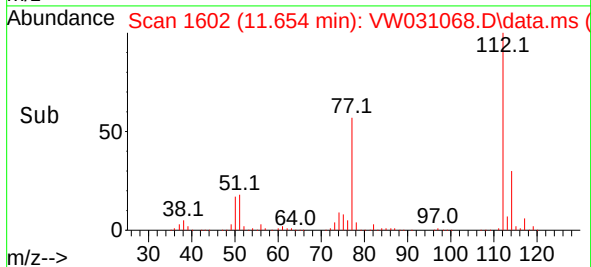
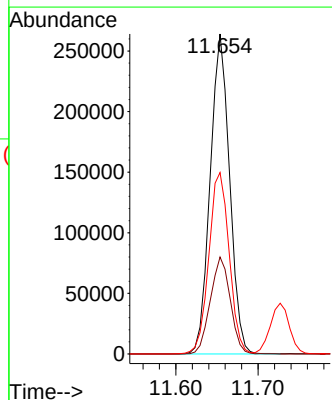
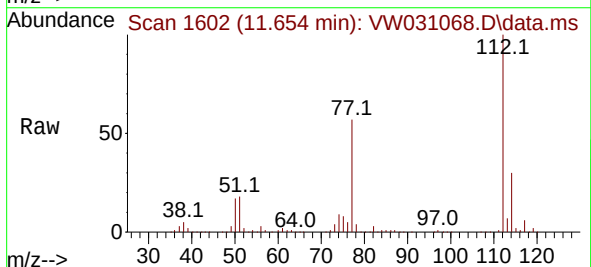
Tgt Ion:112 Resp: 433043

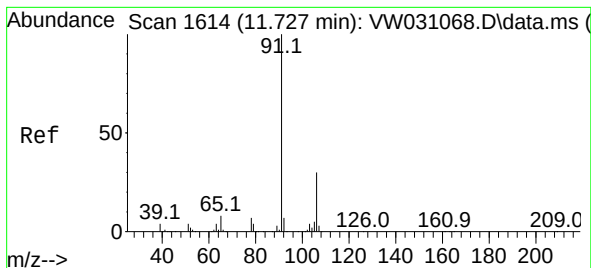
Ion Ratio Lower Upper

112 100

114 30.3 21.2 39.4

77 56.7 45.4 68.0

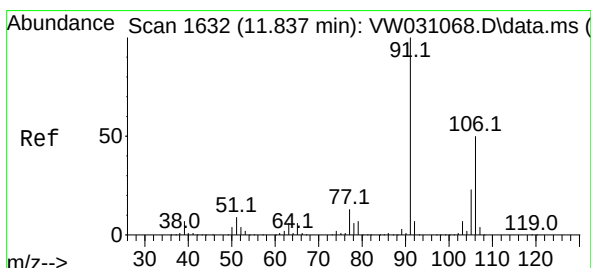
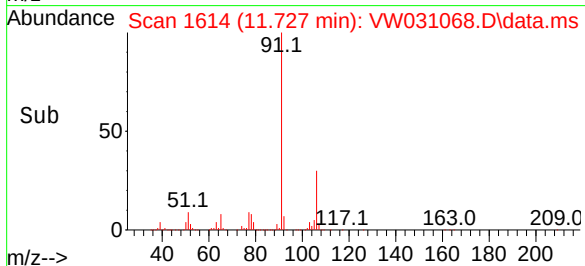
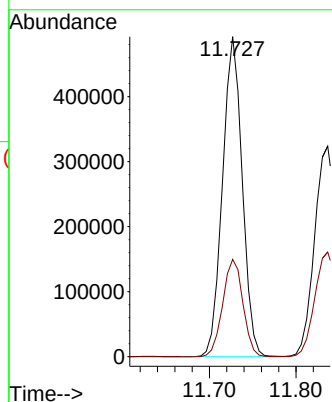
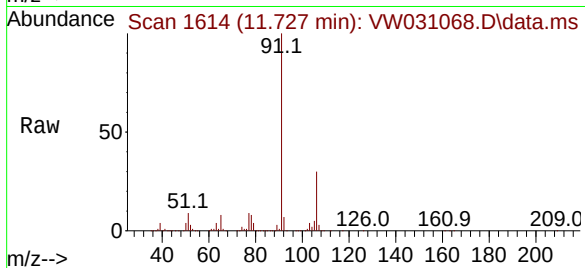




#52
Ethylbenzene
Concen: 26.763 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

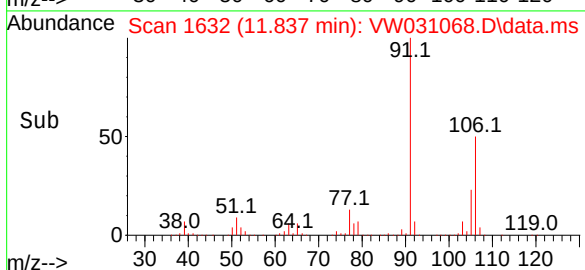
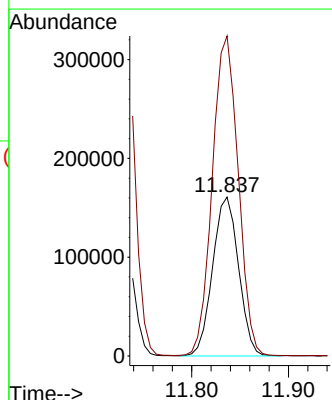
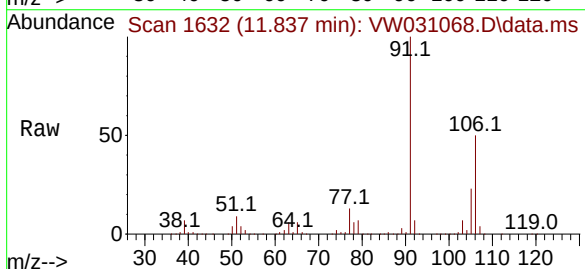
Instrument :
MSVOA_W
ClientSampleId :

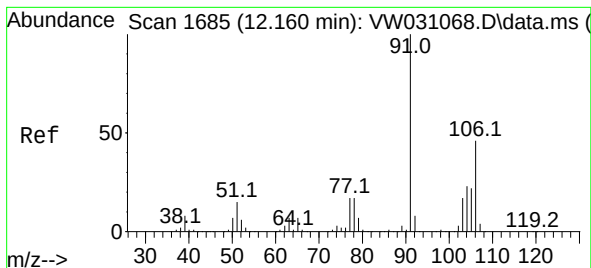
Tgt Ion: 91 Resp: 777815
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 26.996 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

Tgt Ion:106 Resp: 299462
Ion Ratio Lower Upper
106 100
91 201.3 140.9 261.7

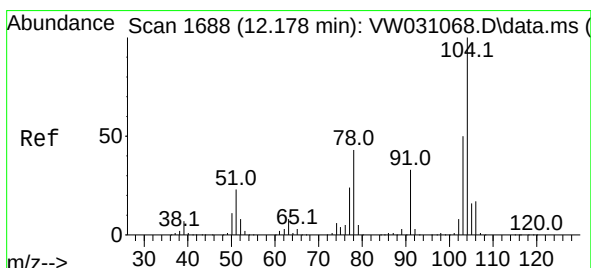
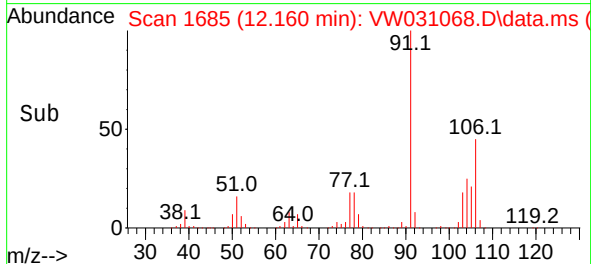
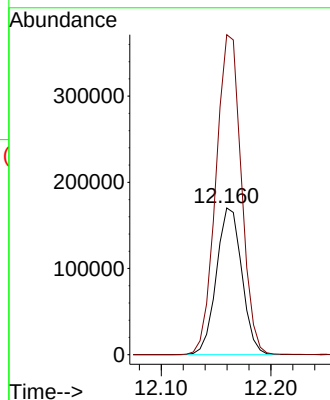
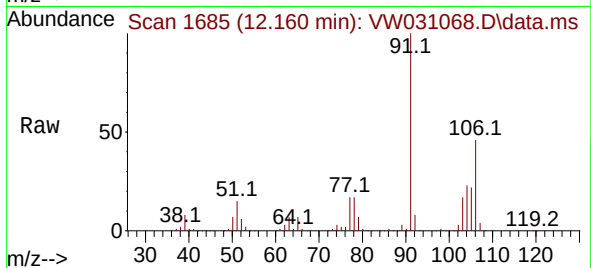




#54
o-Xylene
Concen: 26.344 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

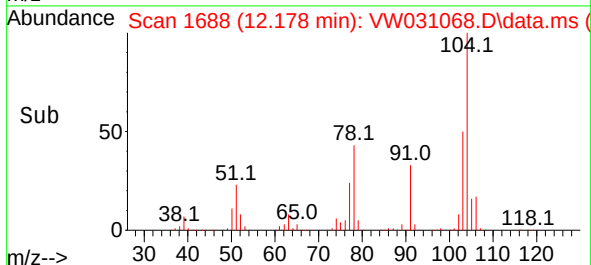
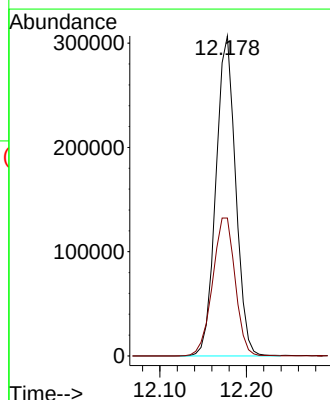
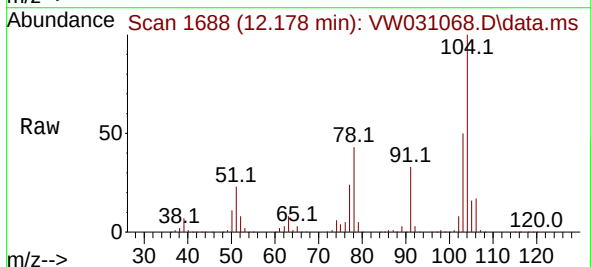
Instrument :
MSVOA_W
ClientSampleId :

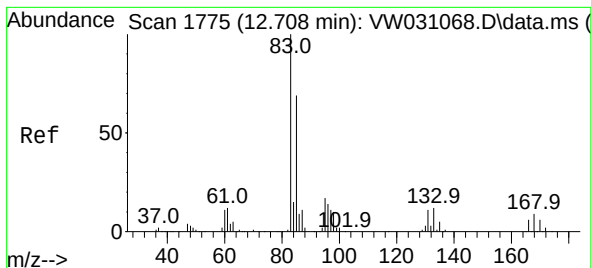
Tgt Ion:106 Resp: 274631
Ion Ratio Lower Upper
106 100
91 218.1 152.7 283.5



#55
Styrene
Concen: 27.393 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

Tgt Ion:104 Resp: 485995
Ion Ratio Lower Upper
104 100
78 43.1 30.2 56.0

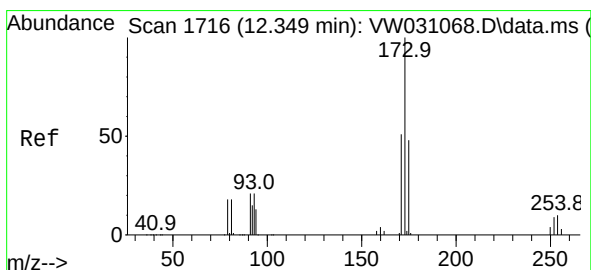
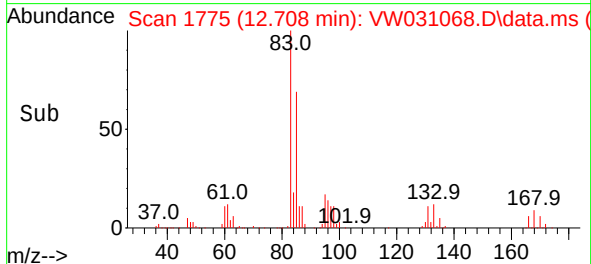
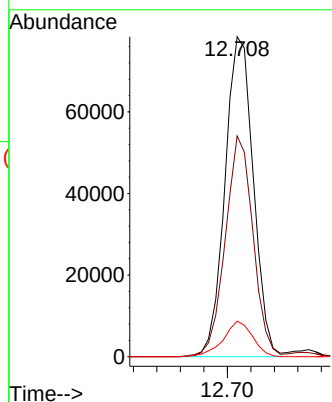
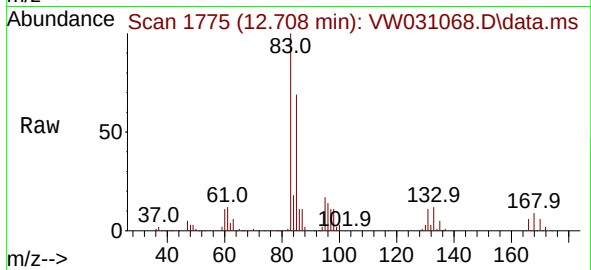




#57
1,1,2,2-Tetrachloroethane
Concen: 26.449 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

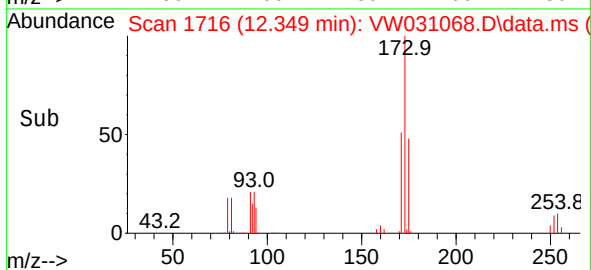
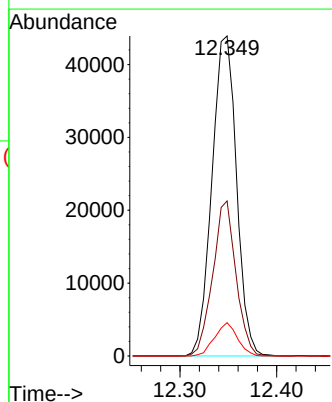
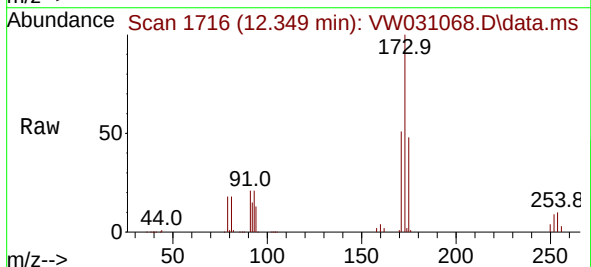
Instrument :
MSVOA_W
ClientSampleId :

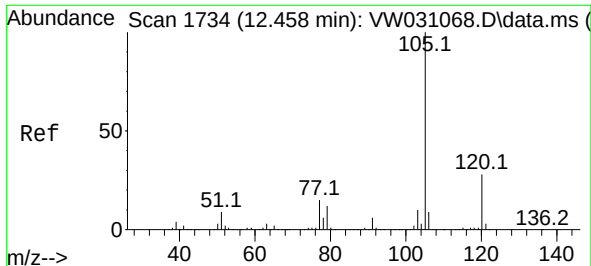
Tgt Ion: 83 Resp: 131320
Ion Ratio Lower Upper
83 100
85 69.0 48.3 89.7
131 11.1 8.9 13.3



#59
Bromoform
Concen: 26.624 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

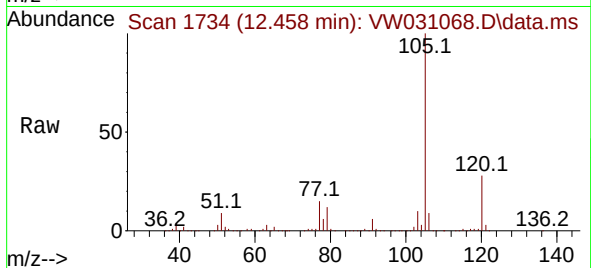
Tgt Ion:173 Resp: 77561
Ion Ratio Lower Upper
173 100
175 45.7 36.6 54.8
254 9.6 7.7 11.5



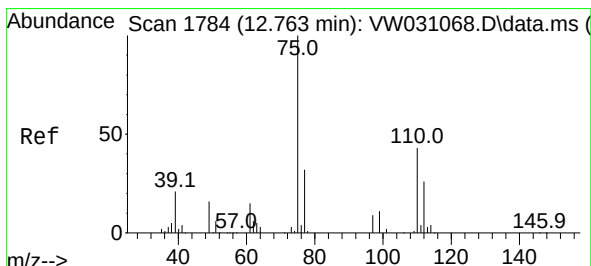
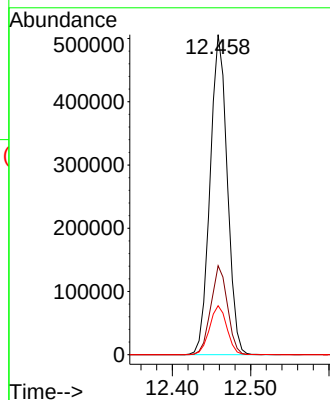
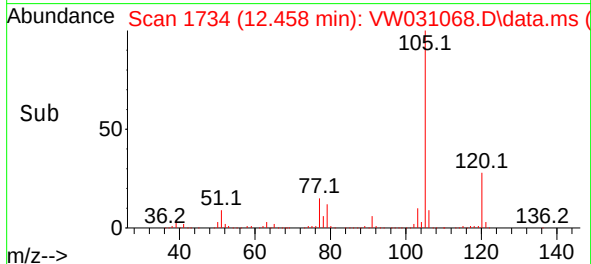


#60
Isopropylbenzene
Concen: 27.187 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

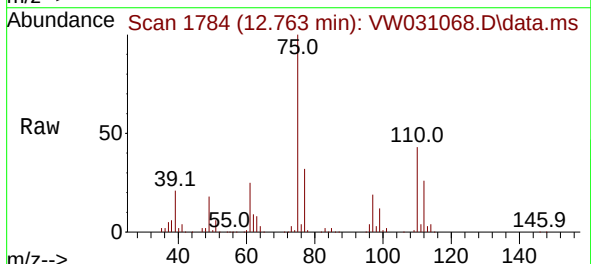
Instrument :
MSVOA_W
ClientSampleId :



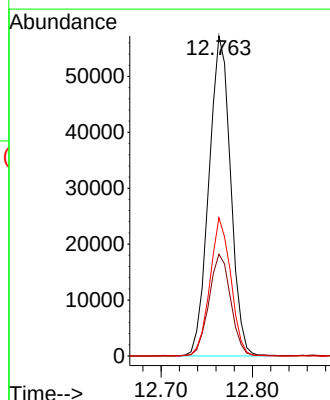
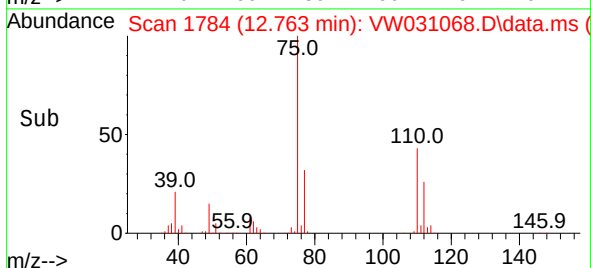
Tgt Ion:105 Resp: 771025
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 15.4 12.3 18.5

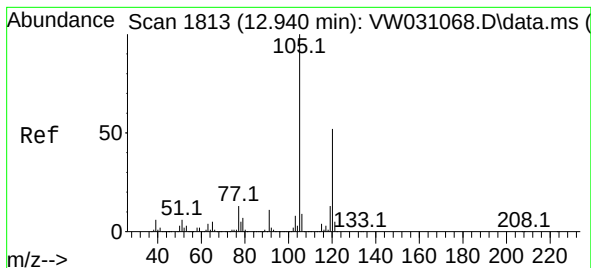


#61
1,2,3-Trichloropropane
Concen: 26.489 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51



Tgt Ion: 75 Resp: 94390
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
110 41.4 33.1 49.7

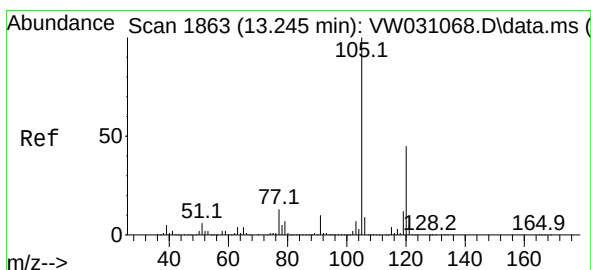
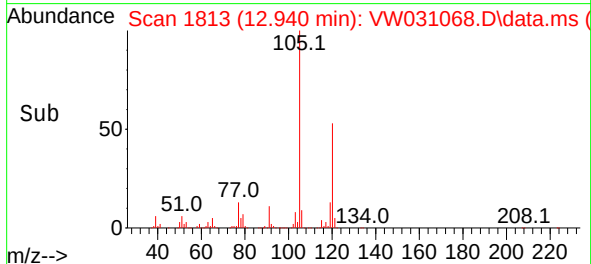
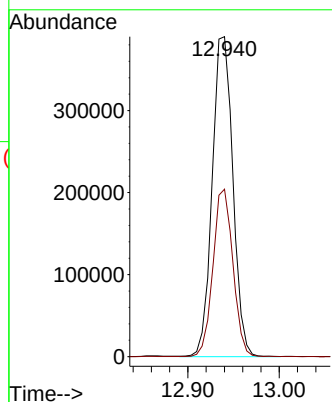
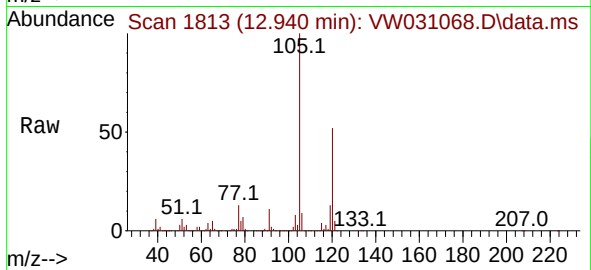




#62
1,3,5-Trimethylbenzene
Concen: 27.376 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

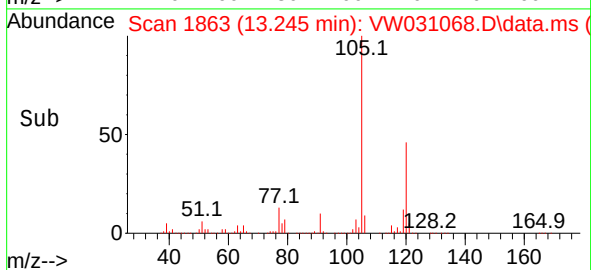
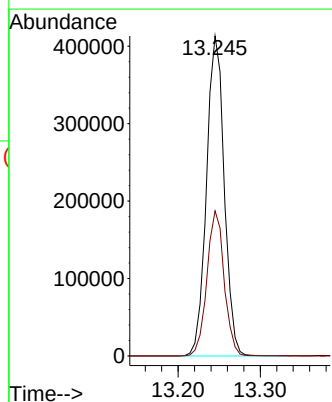
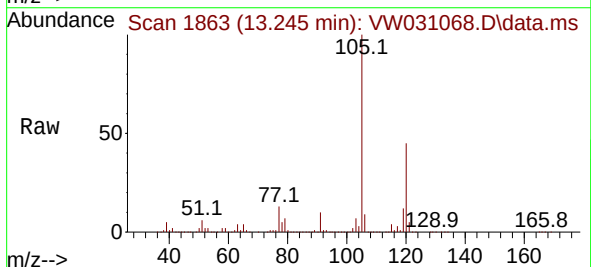
Instrument :
MSVOA_W
ClientSampleId :

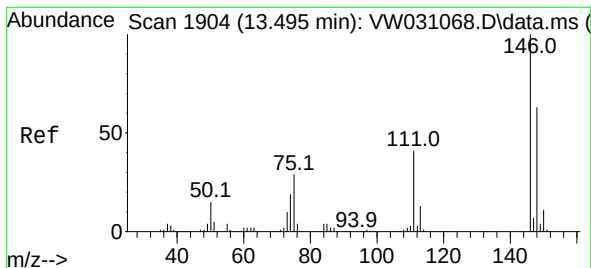
Tgt Ion:105 Resp: 612457
Ion Ratio Lower Upper
105 100
120 50.6 40.5 60.7



#63
1,2,4-Trimethylbenzene
Concen: 27.993 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031068.D
Acq: 20 Nov 2024 11:51

Tgt Ion:105 Resp: 617728
Ion Ratio Lower Upper
105 100
120 44.2 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 25.912 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

Instrument :

MSVOA_W

ClientSampleId :

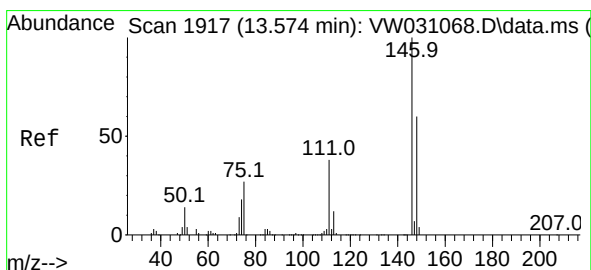
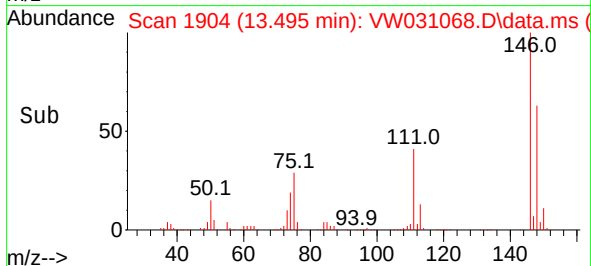
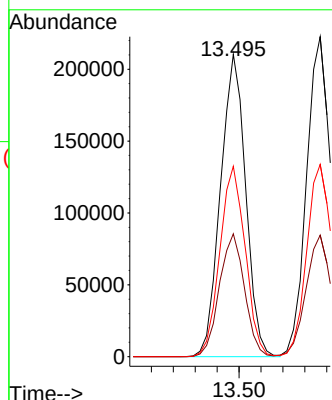
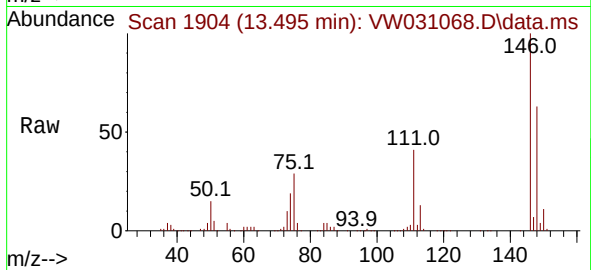
Tgt Ion:146 Resp: 335161

Ion Ratio Lower Upper

146 100

111 40.7 28.5 52.9

148 63.0 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 25.908 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

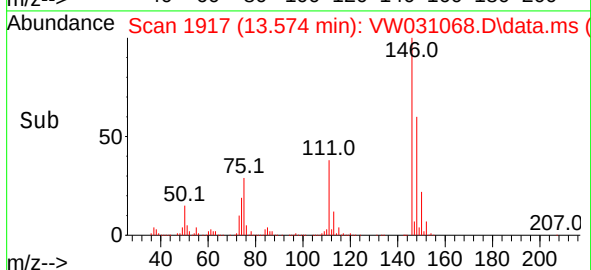
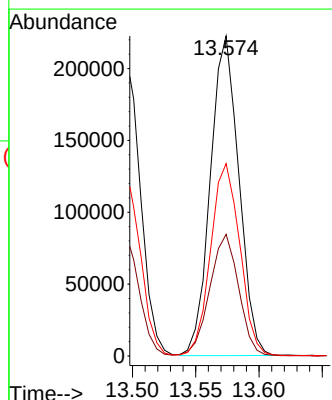
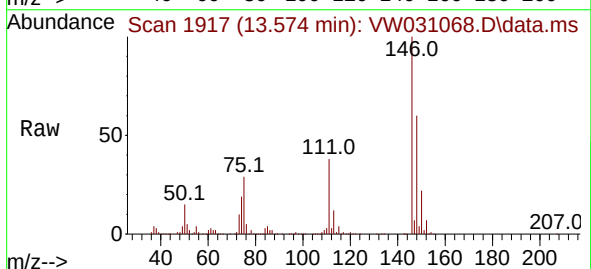
Tgt Ion:146 Resp: 348679

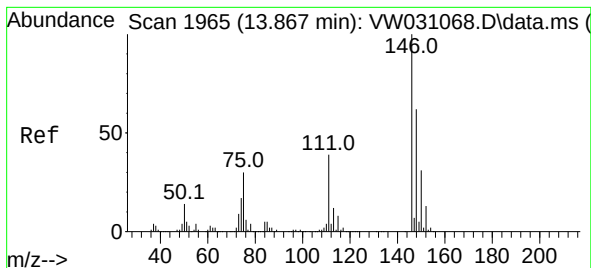
Ion Ratio Lower Upper

146 100

111 38.0 26.6 49.4

148 60.1 42.1 78.1





#67

1,2-Dichlorobenzene

Concen: 25.917 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

Instrument :

MSVOA_W

ClientSampleId :

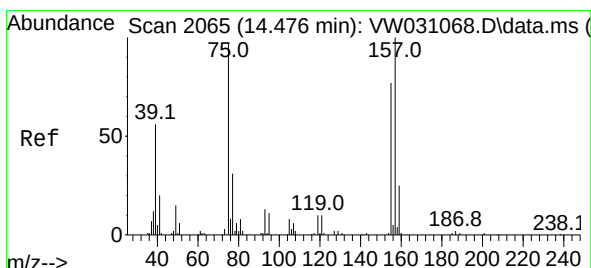
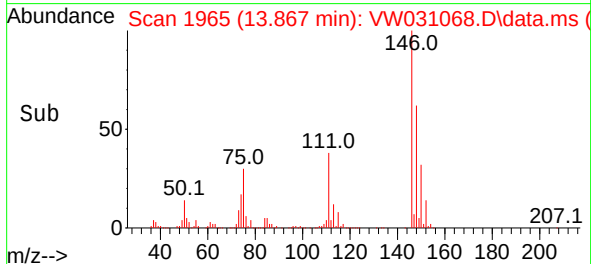
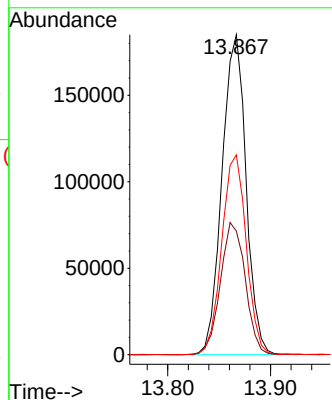
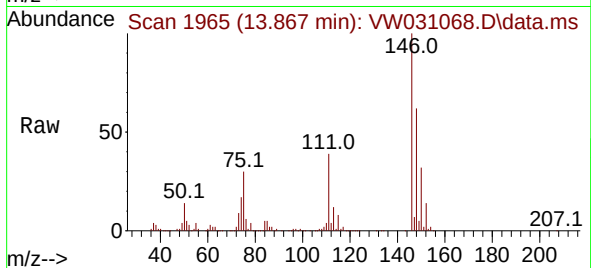
Tgt Ion:146 Resp: 300494

Ion Ratio Lower Upper

146 100

111 38.6 30.9 46.3

148 62.5 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.181 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

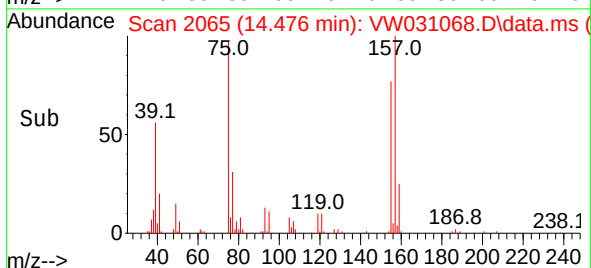
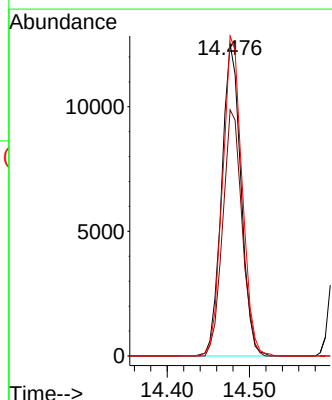
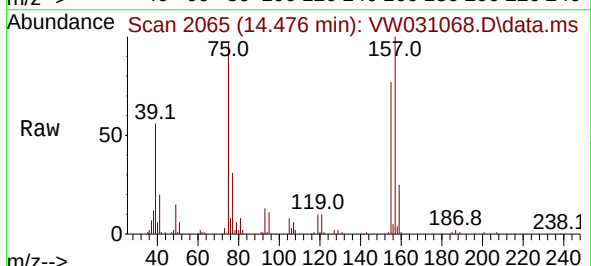
Tgt Ion: 75 Resp: 20391

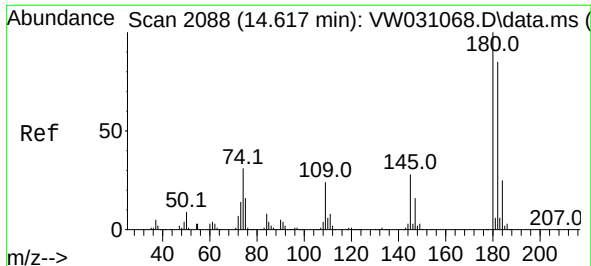
Ion Ratio Lower Upper

75 100

155 78.9 63.1 94.7

157 102.6 82.1 123.1





#69

1,3,5-Trichlorobenzene

Concen: 24.716 ug/L

RT: 14.617 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 218532

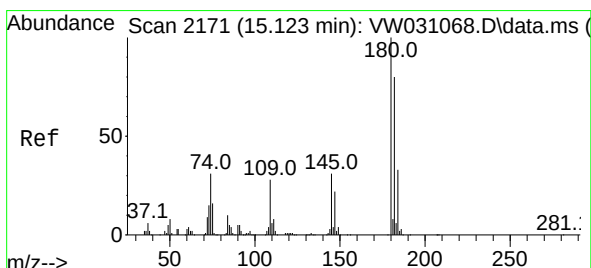
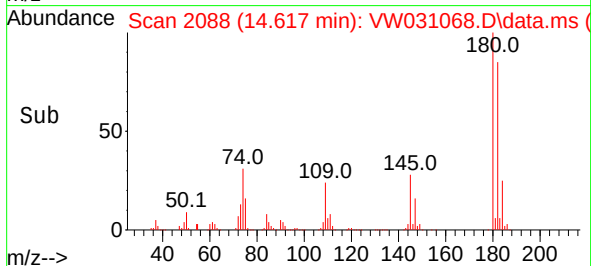
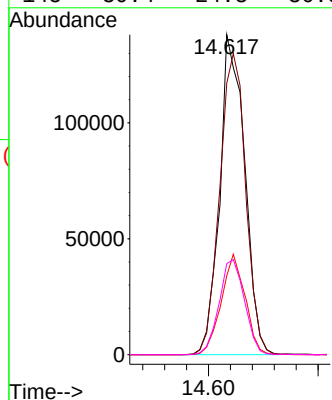
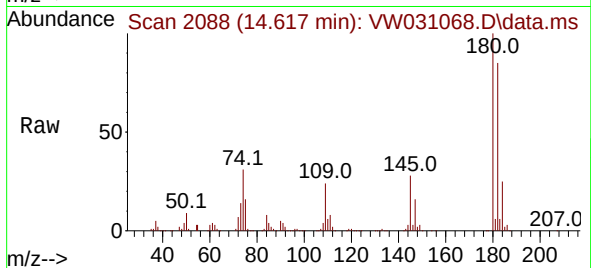
Ion Ratio Lower Upper

180 100

182 97.7 78.2 117.2

184 30.0 24.0 36.0

145 30.4 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 25.335 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031068.D

Acq: 20 Nov 2024 11:51

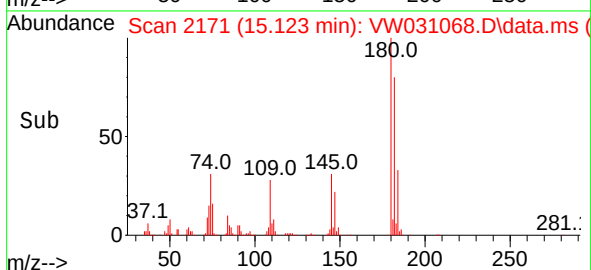
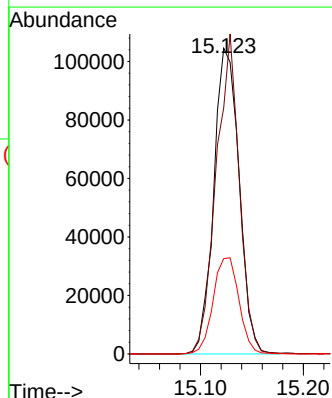
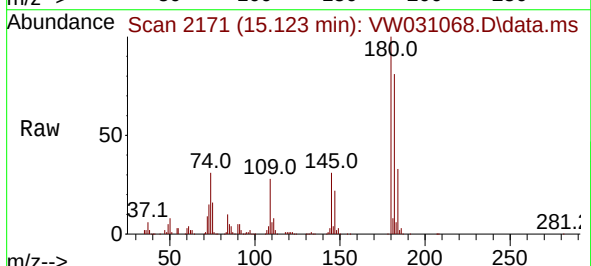
Tgt Ion:180 Resp: 179144

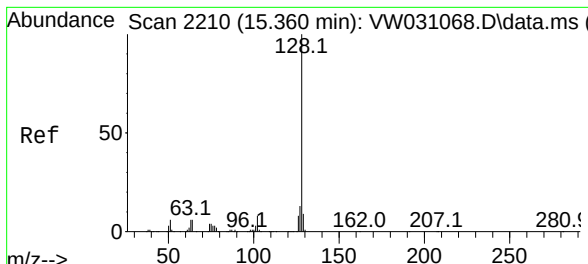
Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 32.1 25.7 38.5



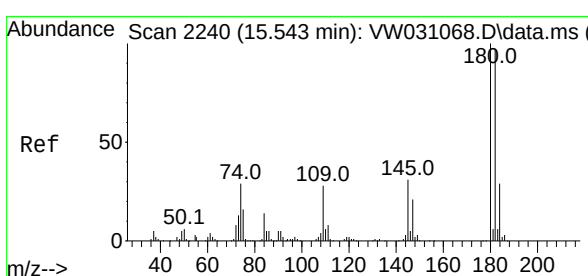
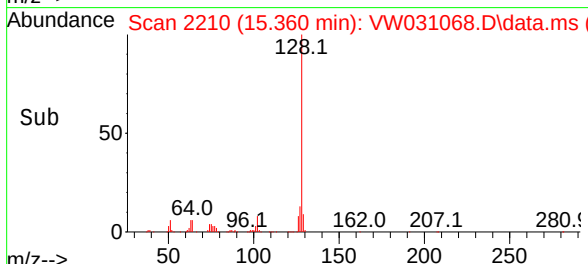
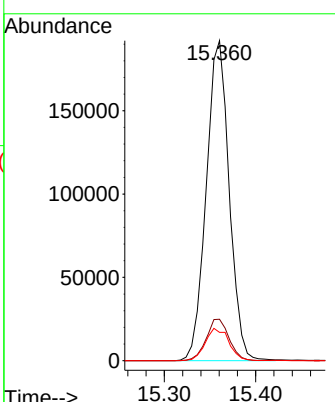
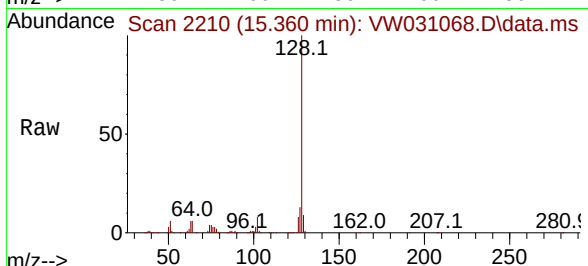


#71
 Naphthalene
 Concen: 28.007 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW031068.D
 Acq: 20 Nov 2024 11:51

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 334821

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.4	8.3	12.5



#72
 1,2,3-Trichlorobenzene
 Concen: 25.837 ug/L
 RT: 15.543 min Scan# 2240
 Delta R.T. 0.000 min
 Lab File: VW031068.D
 Acq: 20 Nov 2024 11:51

Tgt Ion:180 Resp: 162608

Ion	Ratio	Lower	Upper
180	100		
182	98.4	78.7	118.1
145	32.9	26.3	39.5

