

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
 Data File : VW031067.D
 Acq On : 20 Nov 2024 11:27
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 21 03:50:08 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	409924	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	374791	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	201074	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	24090	4.821	ug/L	0.00
7) Chloroethane-d5	2.893	69	18840	4.777	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	10896	4.413	ug/L	0.00
21) 2-Butanone-d5	7.081	46	10278	8.933	ug/L	0.00
24) Chloroform-d	7.648	84	52211	4.689	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	25531	4.693	ug/L	0.00
32) Benzene-d6	8.270	84	100448	4.733	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	30947	4.945	ug/L	0.00
41) Toluene-d8	10.319	98	88019	4.552	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	11749	4.509	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	7187	7.990	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	23567	4.944	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	32098	4.568	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	9991	2.056	ug/L #	86
3) Chloromethane	2.228	50	14475	2.420	ug/L	94
5) Vinyl chloride	2.369	62	16732	2.716	ug/L	93
6) Bromomethane	2.783	94	12021	2.794	ug/L	99
8) Chloroethane	2.923	64	4784	1.295	ug/L #	81
9) Trichlorofluoromethane	3.265	101	29139	3.420	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	19684	3.411	ug/L #	64
12) 1,1-Dichloroethene	4.045	96	17785	3.171	ug/L	90
13) Acetone	4.131	43	11905	7.903	ug/L	100
14) Carbon disulfide	4.387	76	32664	1.794	ug/L	97
15) Methyl Acetate	4.673	43	9131	4.564	ug/L	96
16) Methylene chloride	4.917	84	23614	4.024	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	19829	3.254	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	36449	4.151	ug/L #	93
19) 1,1-Dichloroethane	6.222	63	45291	4.242	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	24798	3.857	ug/L	96
22) 2-Butanone	7.179	43	13568	7.345	ug/L	100
23) Bromochloromethane	7.514	128	12198	4.235	ug/L	81
25) Chloroform	7.679	83	49801	4.462	ug/L	94
27) 1,2-Dichloroethane	8.398	62	29935	4.500	ug/L	95
29) Cyclohexane	7.953	56	22851	2.607	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	38711	4.258	ug/L	100
31) Carbon tetrachloride	8.069	117	33598	4.064	ug/L	100
33) Benzene	8.325	78	93961	3.917	ug/L	100
34) Trichloroethene	9.093	95	26177	4.028	ug/L	96
35) Methylcyclohexane	9.331	83	30332	2.904	ug/L	98
37) 1,2-Dichloropropane	9.367	63	27626	4.619	ug/L	99
38) Bromodichloromethane	9.642	83	34382	4.567	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	36112	4.006	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	24956	8.867	ug/L	97
42) Toluene	10.386	91	100258	3.957	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	30683	4.215	ug/L	96

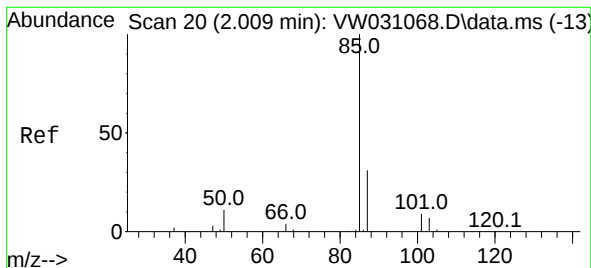
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
 Data File : VW031067.D
 Acq On : 20 Nov 2024 11:27
 Operator : SY/MD
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Quant Time: Nov 21 03:50:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 03:49:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	21967	5.049	ug/L	97
46) Tetrachloroethene	10.861	164	21022	4.045	ug/L	92
48) 2-Hexanone	10.965	43	19834	8.913	ug/L	88
49) Dibromochloromethane	11.123	129	22400	4.630	ug/L	98
50) 1,2-Dibromoethane	11.233	107	18460	4.459	ug/L	75
51) Chlorobenzene	11.654	112	72278	4.362	ug/L	91
52) Ethylbenzene	11.727	91	115626	4.070	ug/L	96
53) m,p-Xylene	11.837	106	44749	4.127	ug/L	92
54) o-Xylene	12.160	106	40645	3.989	ug/L	98
55) Styrene	12.178	104	72318	4.171	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	25282	5.210	ug/L	92
59) Bromoform	12.343	173	12569	4.177	ug/L	89
60) Isopropylbenzene	12.458	105	116234	3.968	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	17337	4.710	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	87516	3.787	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	88095	3.865	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	62105	4.648	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	62759	4.514	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	53245	4.446	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.476	75	3783	4.702	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	41077	4.497	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	32066	4.390	ug/L	99
71) Naphthalene	15.360	128	48768	3.949	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	29134	4.481	ug/L	99

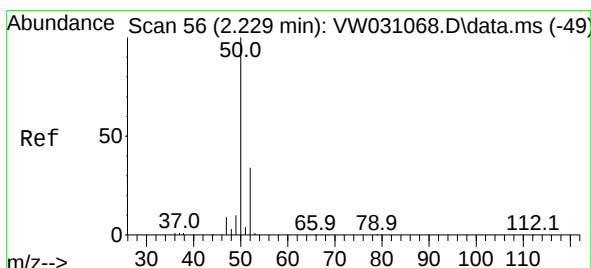
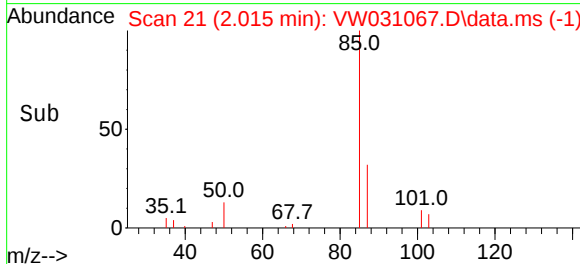
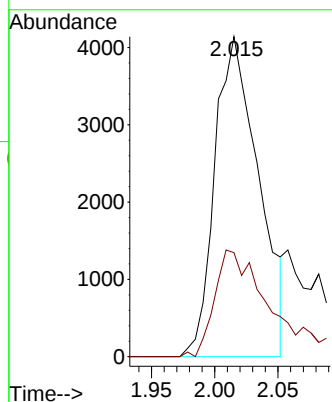
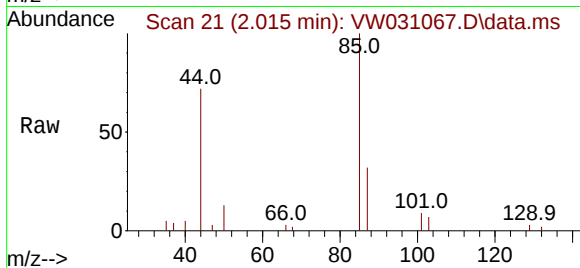
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 2.056 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031067.D
 Acq: 20 Nov 2024 11:27

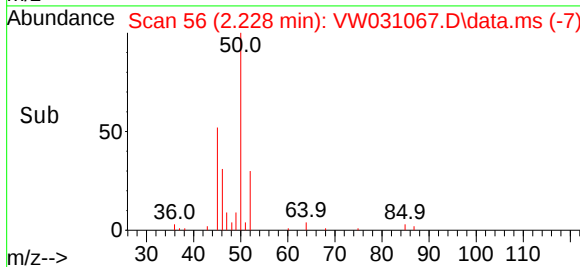
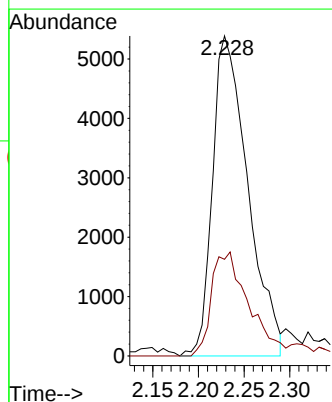
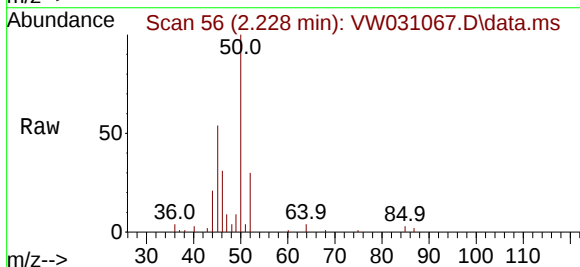
Instrument :
 MSVOA_W
 ClientSampleId :

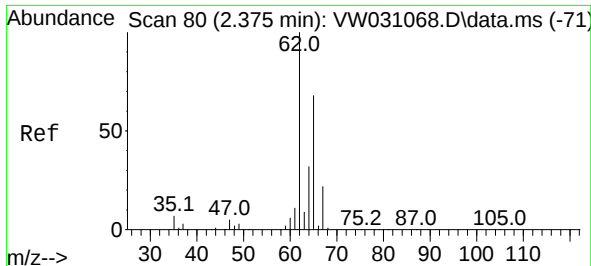
Tgt Ion: 85 Resp: 9991
 Ion Ratio Lower Upper
 85 100
 87 37.2 23.8 35.6#



#3
 Chloromethane
 Concen: 2.420 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW031067.D
 Acq: 20 Nov 2024 11:27

Tgt Ion: 50 Resp: 14475
 Ion Ratio Lower Upper
 50 100
 52 30.2 23.4 43.6

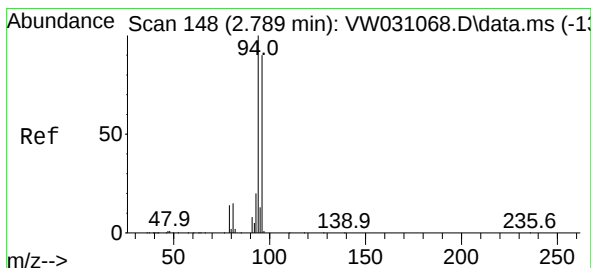
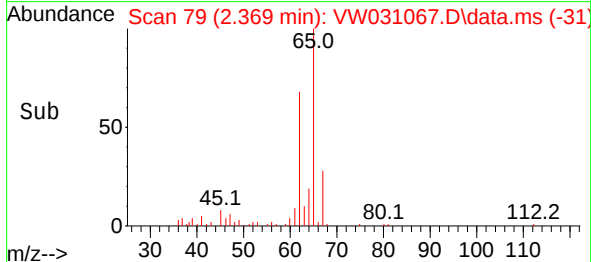
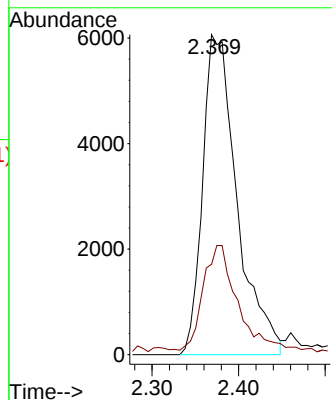
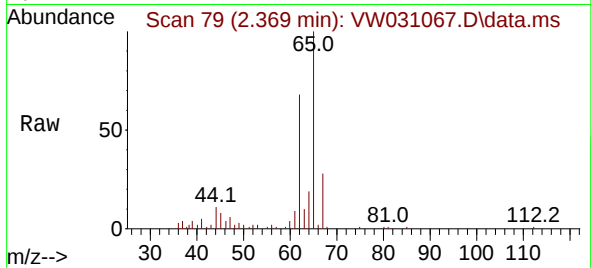




#5
 Vinyl chloride
 Concen: 2.716 ug/L
 RT: 2.369 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VW031067.D
 Acq: 20 Nov 2024 11:27

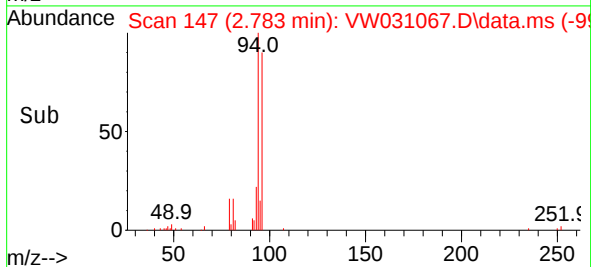
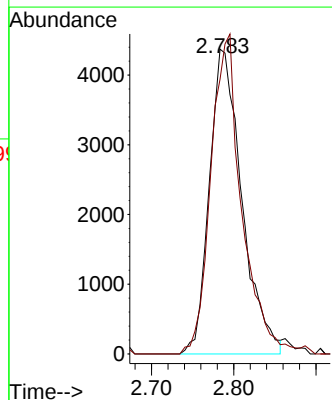
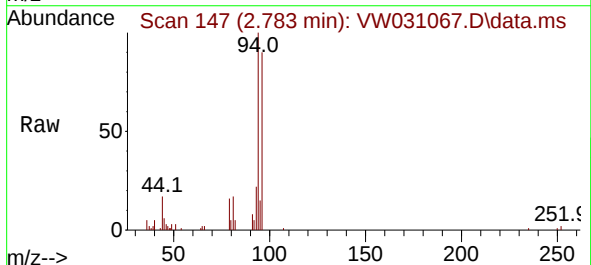
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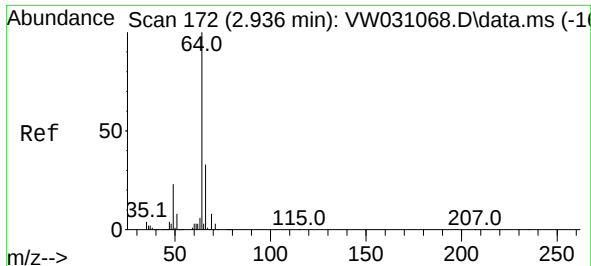
Tgt Ion: 62 Resp: 16732
 Ion Ratio Lower Upper
 62 100
 64 28.2 22.7 42.1



#6
 Bromomethane
 Concen: 2.794 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW031067.D
 Acq: 20 Nov 2024 11:27

Tgt Ion: 94 Resp: 12021
 Ion Ratio Lower Upper
 94 100
 96 90.1 62.6 116.3

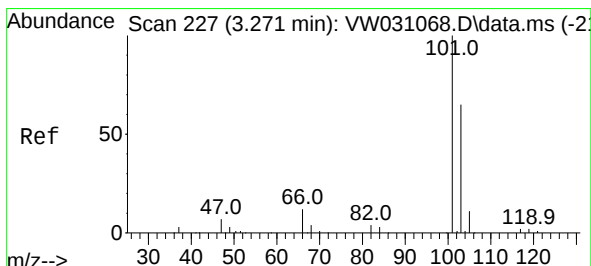
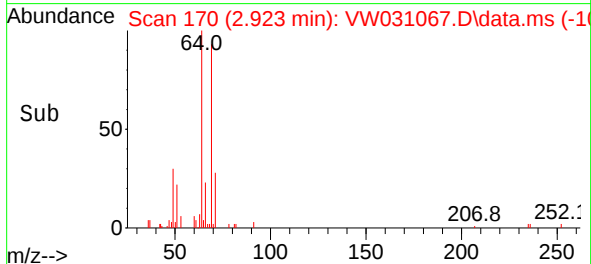
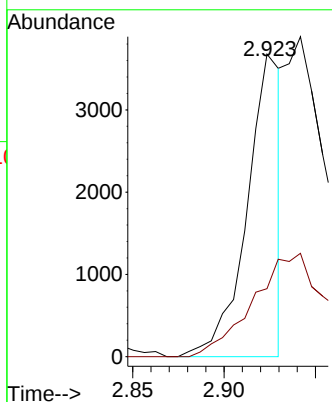
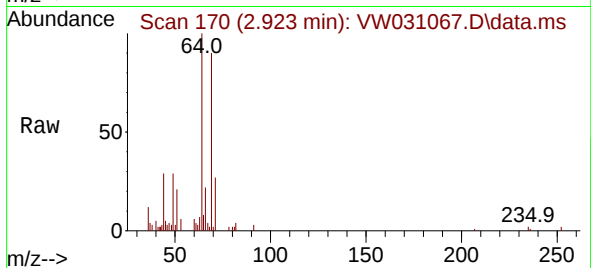




#8
Chloroethane
Concen: 1.295 ug/L
RT: 2.923 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27

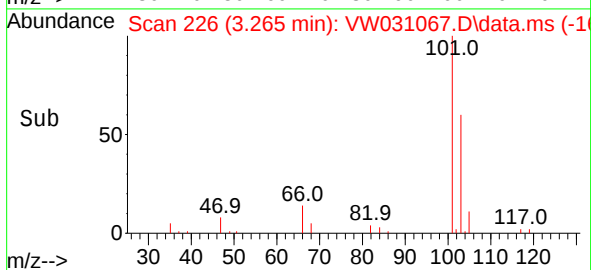
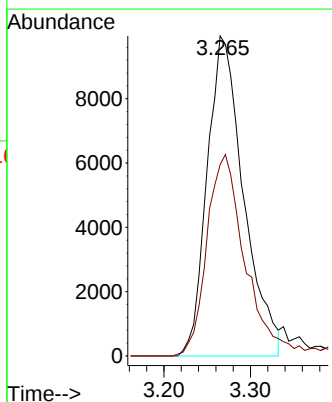
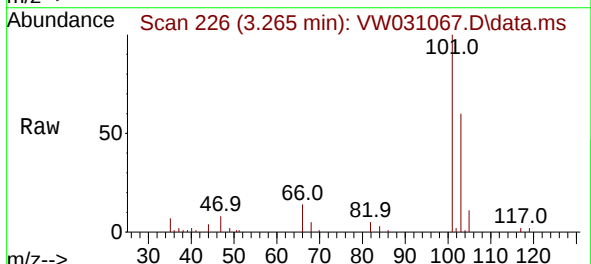
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ClientSampleId :

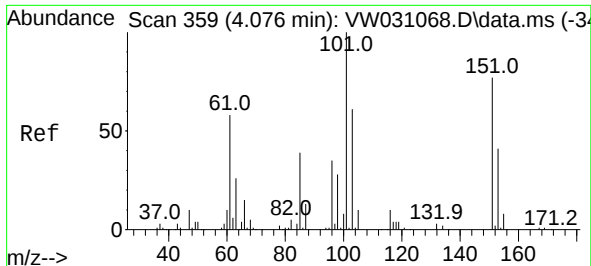
Tgt Ion: 64 Resp: 4784
Ion Ratio Lower Upper
64 100
66 22.5 23.2 43.2#



#9
Trichlorofluoromethane
Concen: 3.420 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27

Tgt Ion:101 Resp: 29139
Ion Ratio Lower Upper
101 100
103 65.9 50.7 76.1





#10

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

Concen: 3.411 ug/L

RT: 4.064 min Scan# 359

Delta R.T. -0.012 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

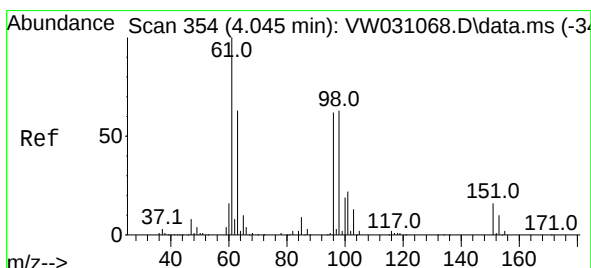
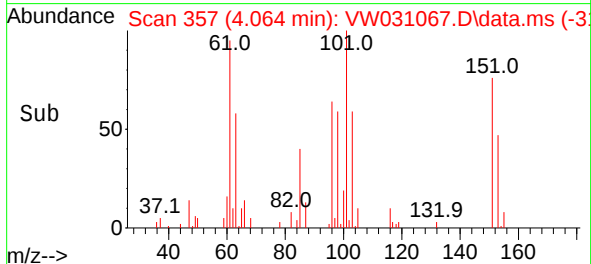
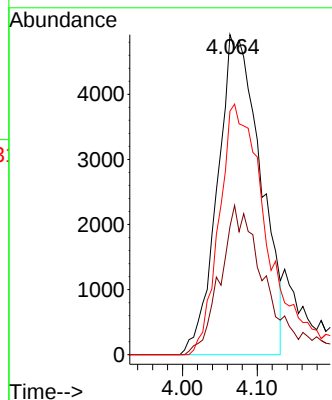
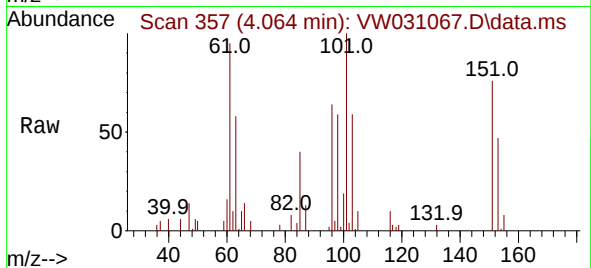
Tgt Ion:101 Resp: 19684

Ion Ratio Lower Upper

101 100

85 21.8 33.9 50.9#

151 44.8 61.8 92.6#



#12

1,1-Dichloroethene

Concen: 3.171 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

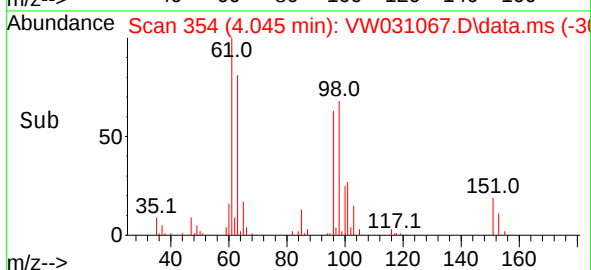
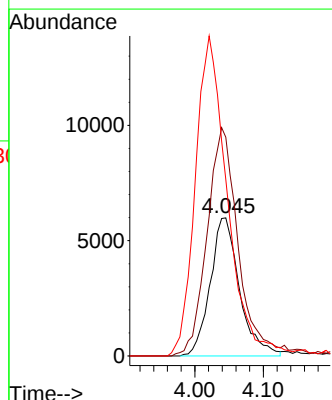
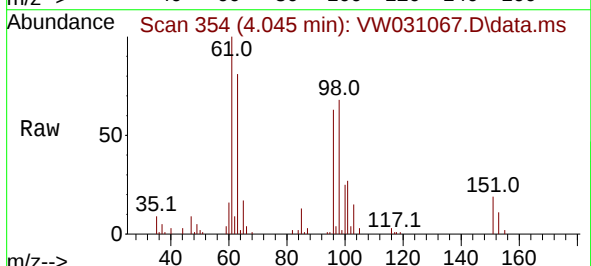
Tgt Ion: 96 Resp: 17785

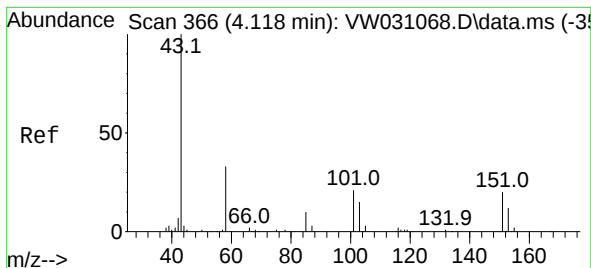
Ion Ratio Lower Upper

96 100

61 158.4 113.5 210.9

63 127.8 73.8 137.2





#13

Acetone

Concen: 7.903 ug/L

RT: 4.131 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

Instrument :

MSVOA_W

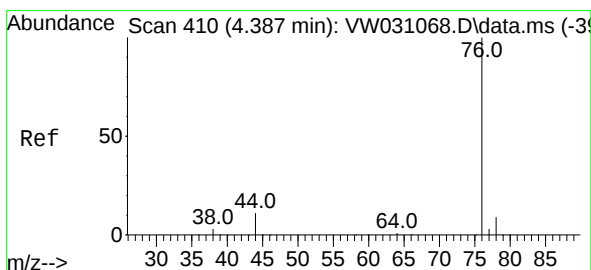
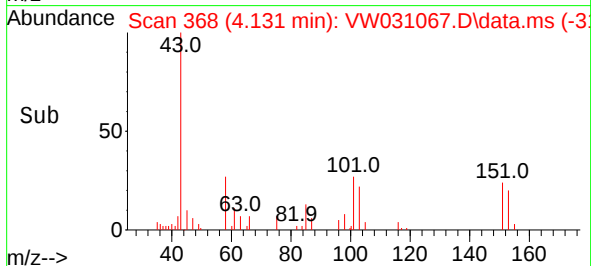
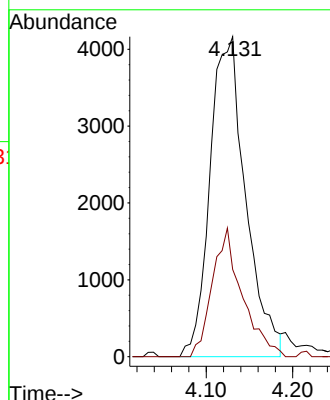
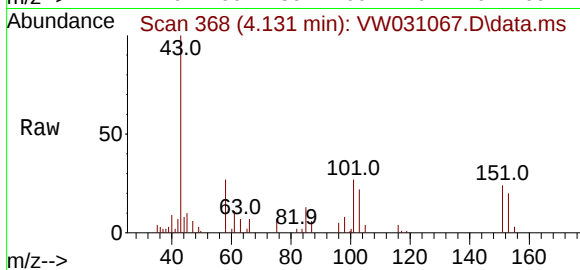
ClientSampleId :

Tgt Ion: 43 Resp: 11905

Ion Ratio Lower Upper

43 100

58 33.7 0.0 67.2



#14

Carbon disulfide

Concen: 1.794 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.000 min

Lab File: VW031067.D

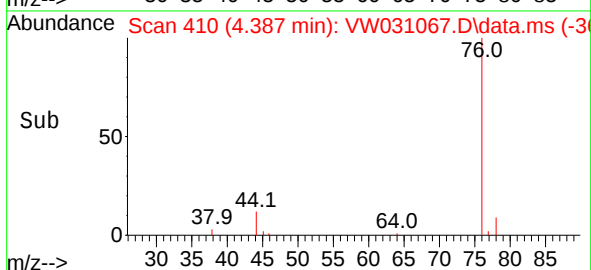
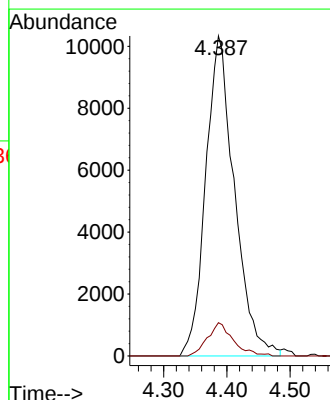
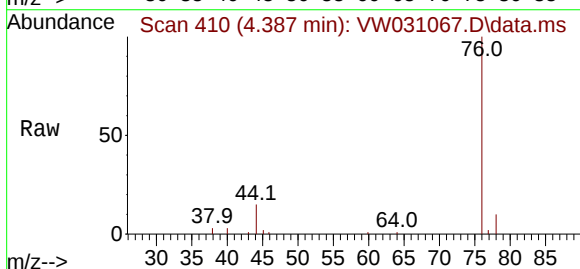
Acq: 20 Nov 2024 11:27

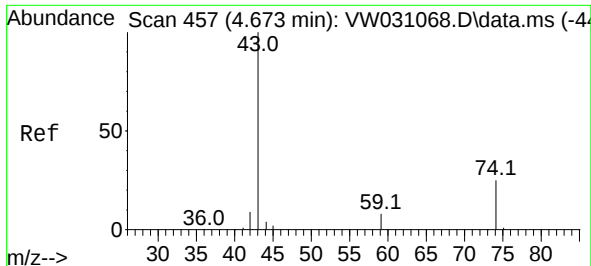
Tgt Ion: 76 Resp: 32664

Ion Ratio Lower Upper

76 100

78 10.4 7.4 11.2





#15

Methyl Acetate

Concen: 4.564 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.000 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

Instrument :

MSVOA_W

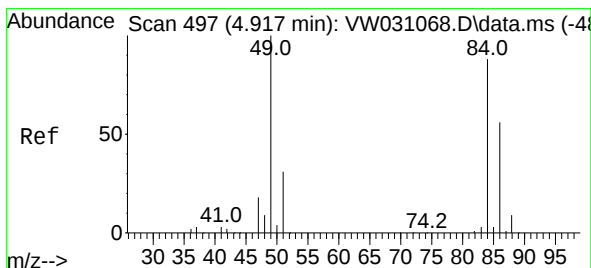
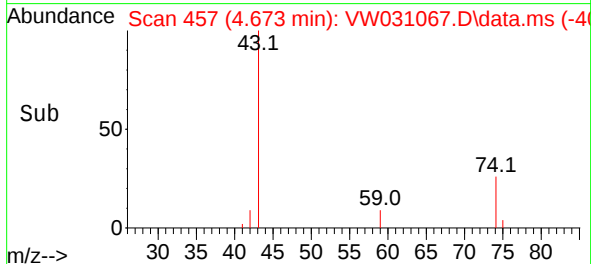
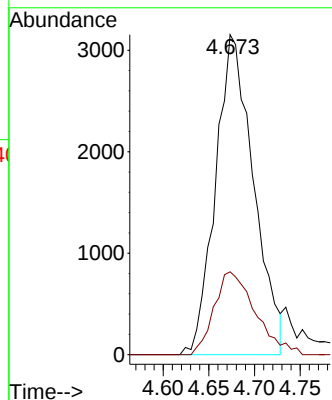
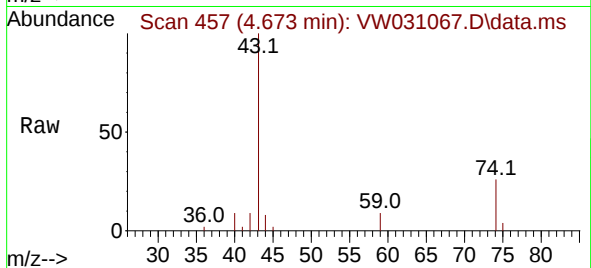
ClientSampleId :

Tgt Ion: 43 Resp: 9131

Ion Ratio Lower Upper

43 100

74 28.0 20.8 31.2



#16

Methylene chloride

Concen: 4.024 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.000 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

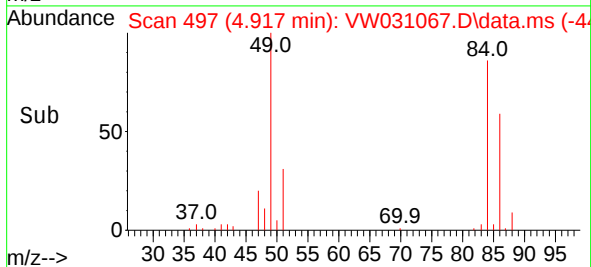
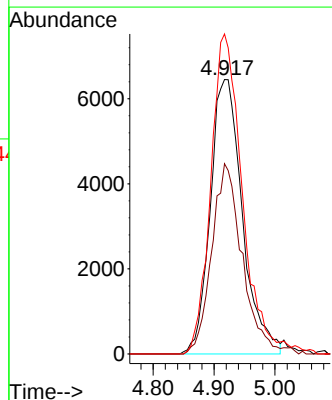
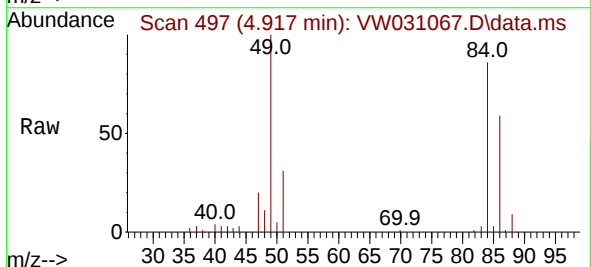
Tgt Ion: 84 Resp: 23614

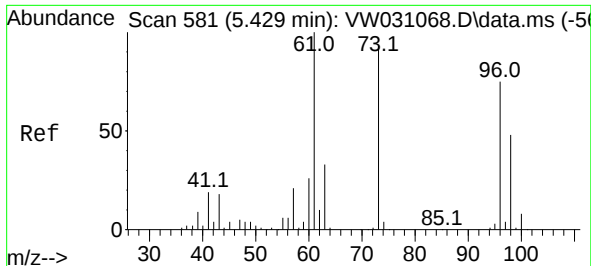
Ion Ratio Lower Upper

84 100

86 69.3 44.9 83.5

49 116.6 79.9 148.5





#17

trans-1,2-Dichloroethene

Concen: 3.254 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

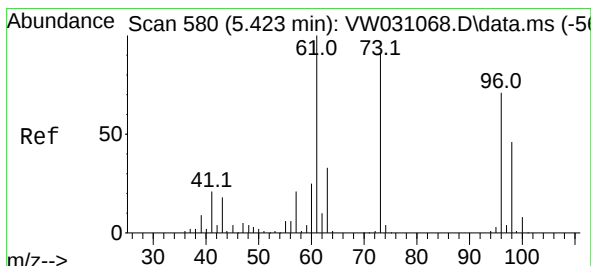
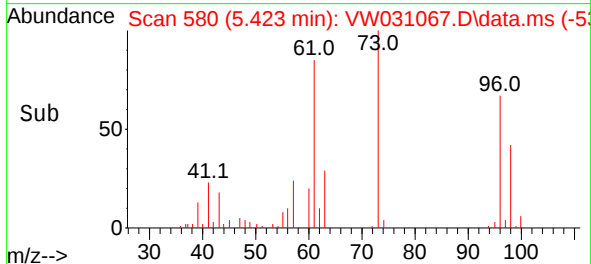
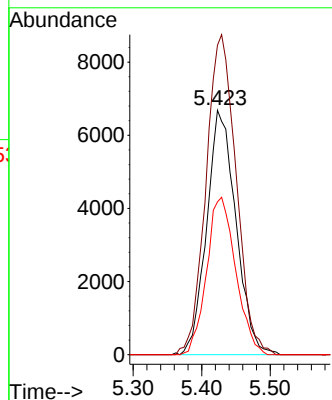
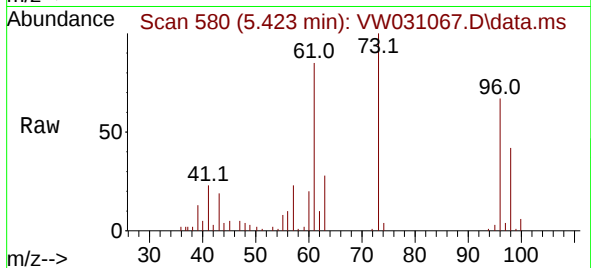
Tgt Ion: 96 Resp: 19829

Ion Ratio Lower Upper

96 100

61 126.5 92.7 172.3

98 62.5 44.4 82.4



#18

Methyl tert-butyl Ether

Concen: 4.151 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

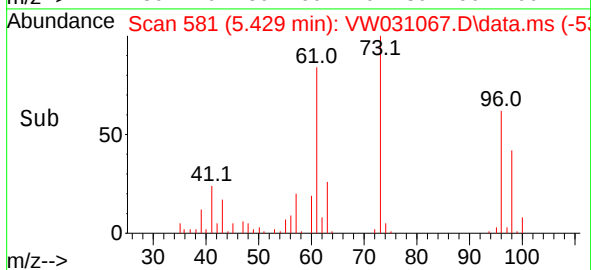
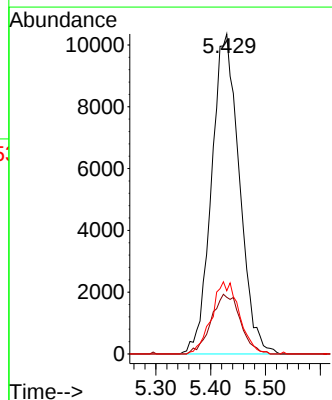
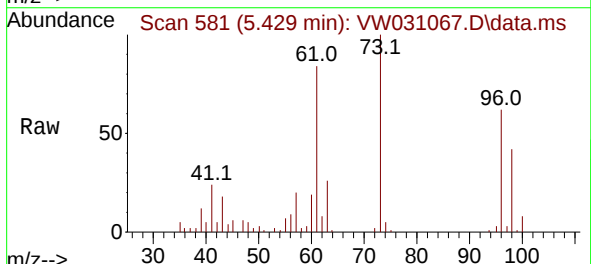
Tgt Ion: 73 Resp: 36449

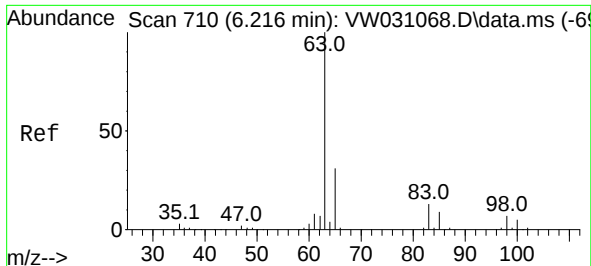
Ion Ratio Lower Upper

73 100

43 13.0 15.4 23.0#

57 22.6 17.6 26.4

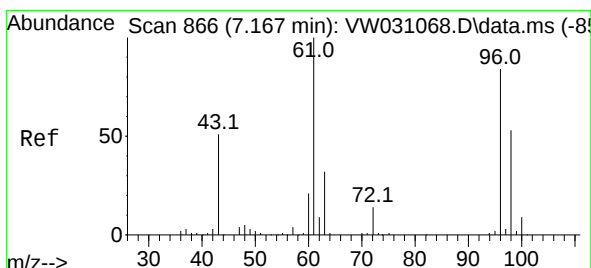
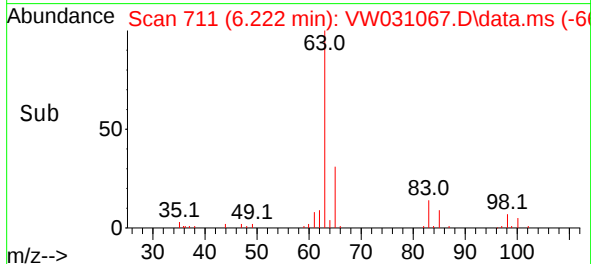
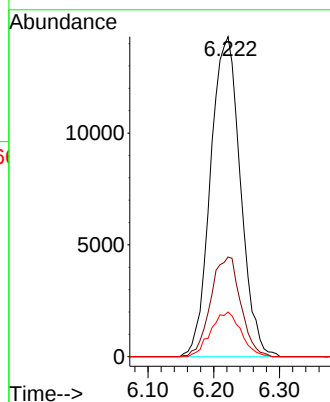
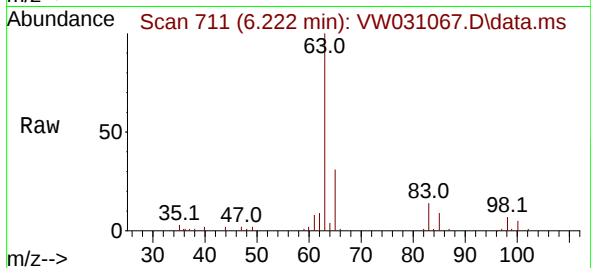




#19
1,1-Dichloroethane
Concen: 4.242 ug/L
RT: 6.222 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27

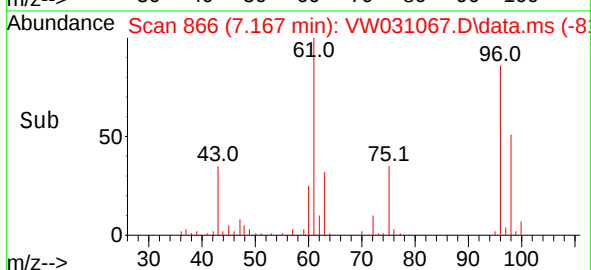
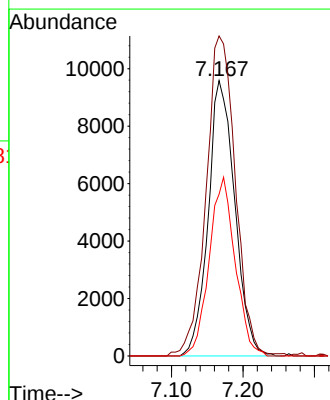
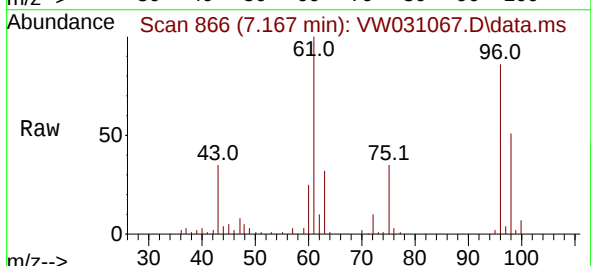
Instrument :
MSVOA_W
ClientSampleId :

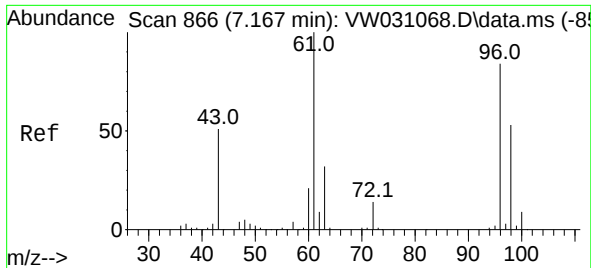
Tgt Ion: 63 Resp: 45291
Ion Ratio Lower Upper
63 100
65 31.1 21.7 40.3
83 14.0 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 3.857 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27

Tgt Ion: 96 Resp: 24798
Ion Ratio Lower Upper
96 100
61 116.2 83.7 155.5
98 58.7 43.9 81.5

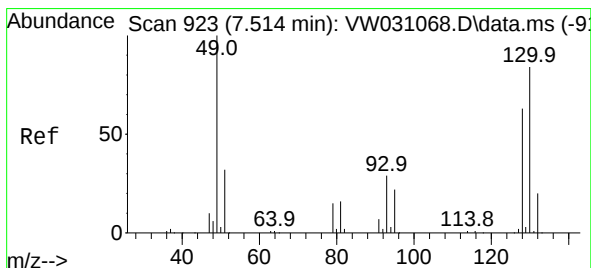
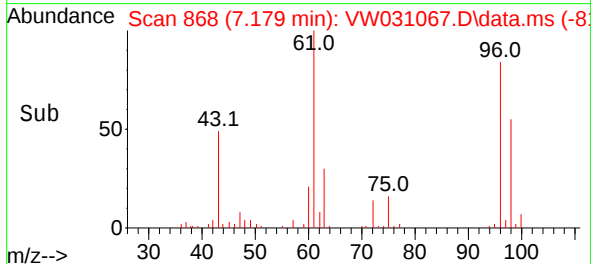
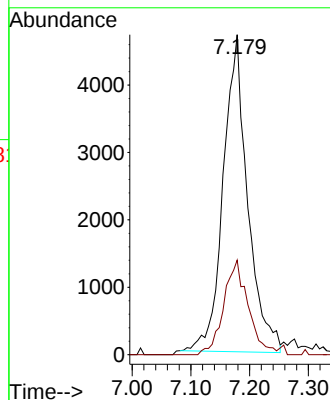
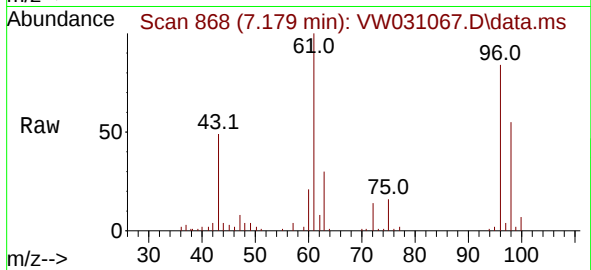




#22
2-Butanone
Concen: 7.345 ug/L
RT: 7.179 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27

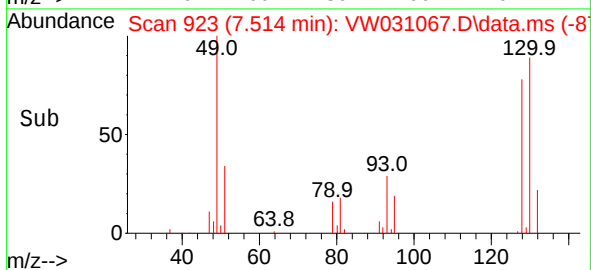
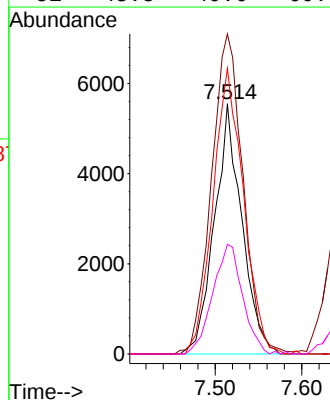
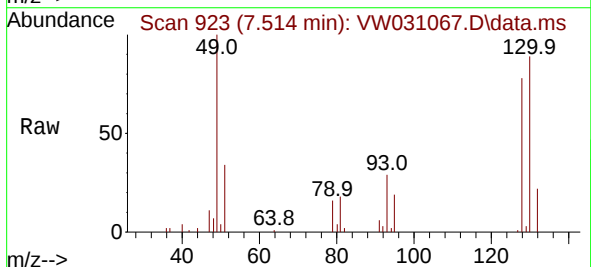
Instrument :
MSVOA_W
ClientSampleId :

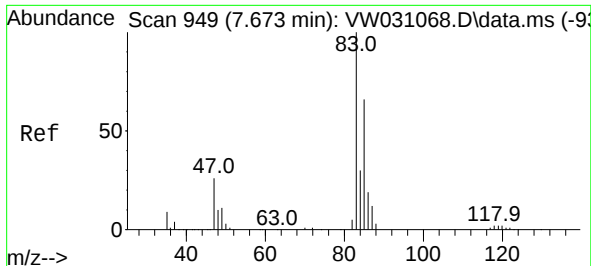
Tgt Ion: 43 Resp: 13568
Ion Ratio Lower Upper
43 100
72 29.9 14.9 44.7



#23
Bromochloromethane
Concen: 4.235 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27

Tgt Ion: 128 Resp: 12198
Ion Ratio Lower Upper
128 100
49 127.9 110.9 206.1
130 114.1 93.7 173.9
51 43.8 40.6 60.8





#25

Chloroform

Concen: 4.462 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

Instrument :

MSVOA_W

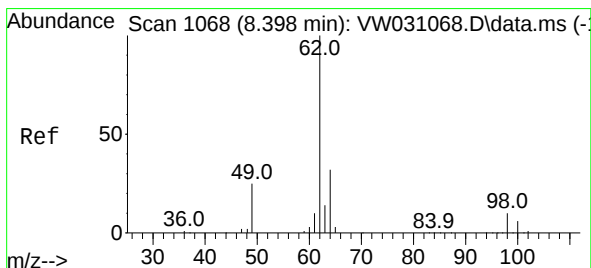
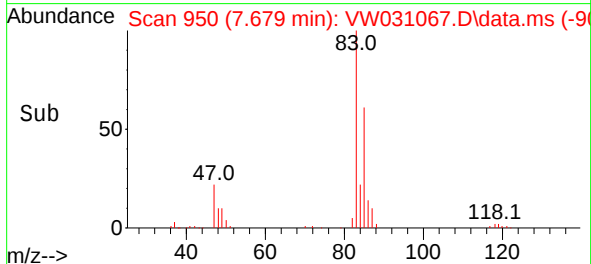
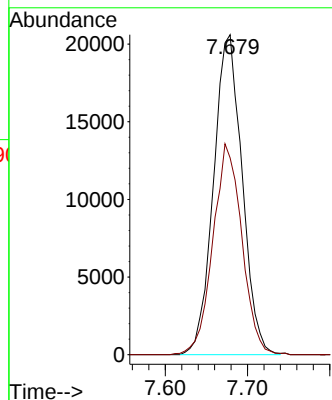
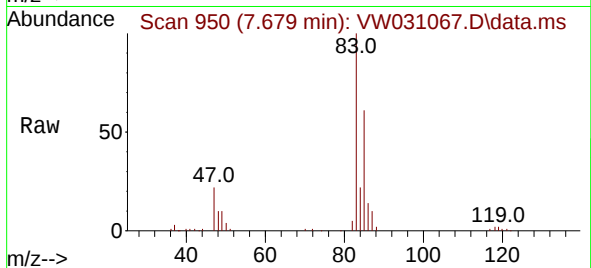
ClientSampleId :

Tgt Ion: 83 Resp: 49801

Ion Ratio Lower Upper

83 100

85 61.5 46.5 86.3



#27

1,2-Dichloroethane

Concen: 4.500 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031067.D

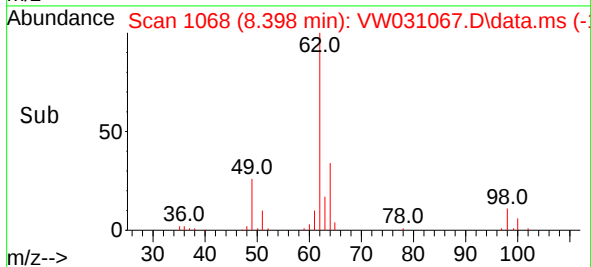
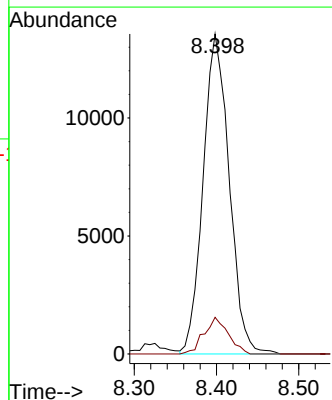
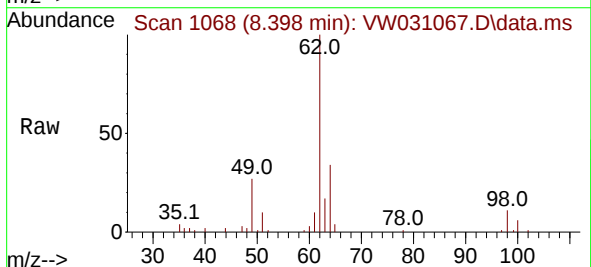
Acq: 20 Nov 2024 11:27

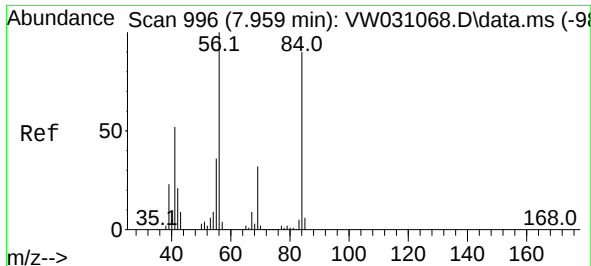
Tgt Ion: 62 Resp: 29935

Ion Ratio Lower Upper

62 100

98 11.5 7.7 11.5





#29

Cyclohexane

Concen: 2.607 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

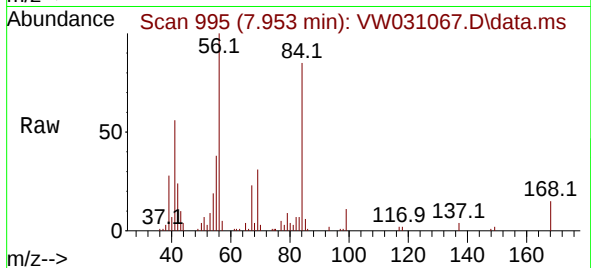
Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :



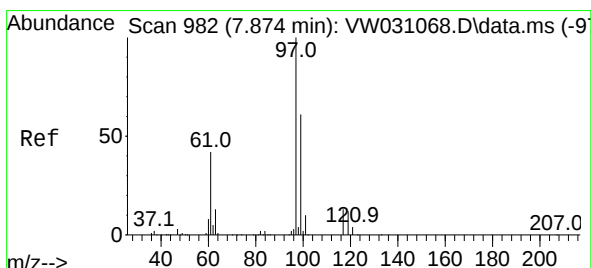
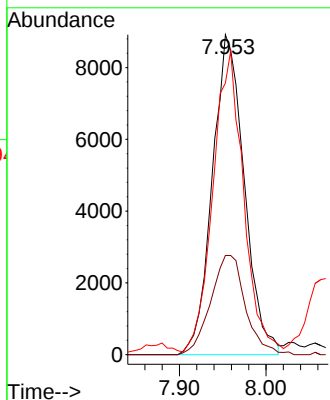
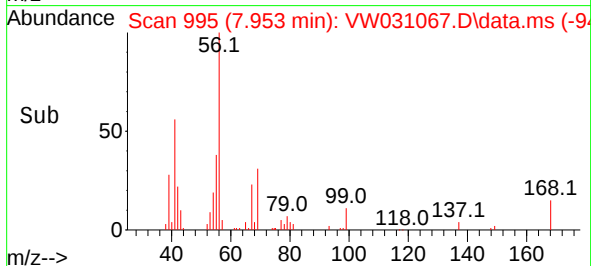
Tgt Ion: 56 Resp: 22851

Ion Ratio Lower Upper

56 100

69 33.6 25.4 38.2

84 90.7 71.1 106.7



#30

1,1,1-Trichloroethane

Concen: 4.258 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

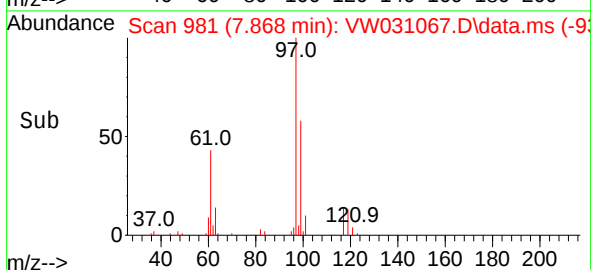
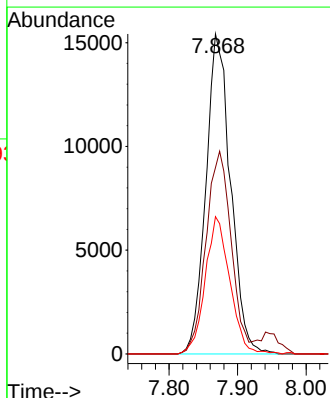
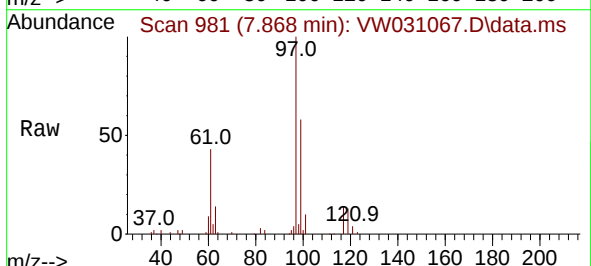
Tgt Ion: 97 Resp: 38711

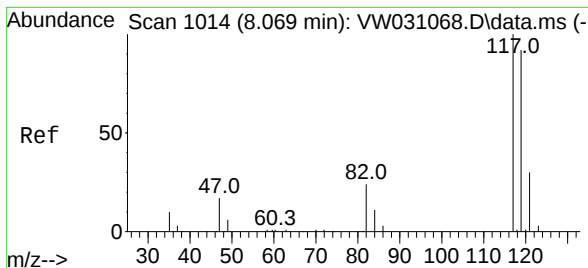
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 42.4 33.8 50.6

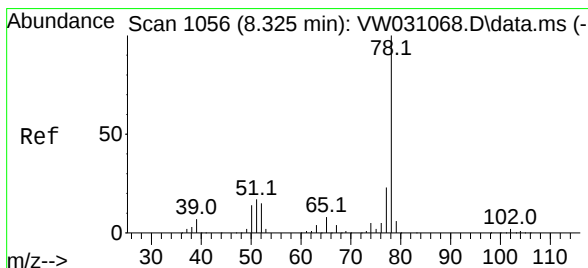
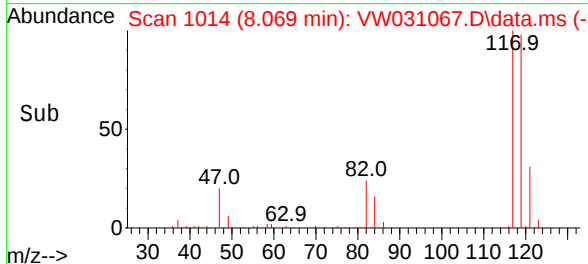
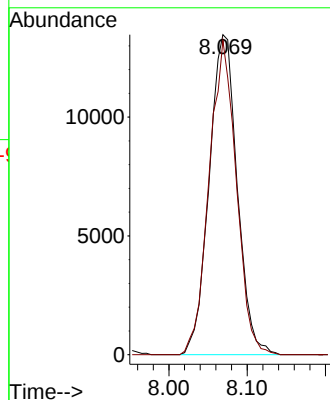
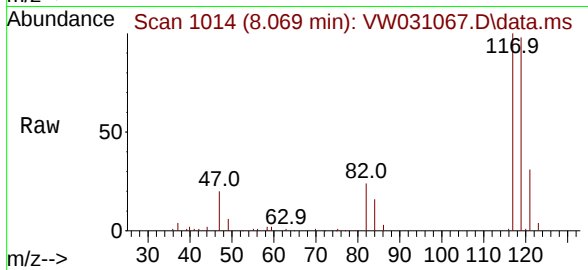




#31
Carbon tetrachloride
Concen: 4.064 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27

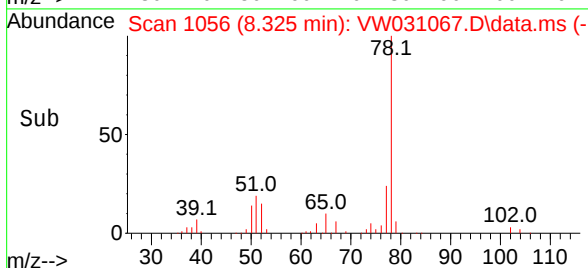
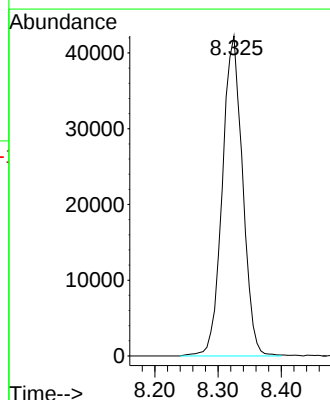
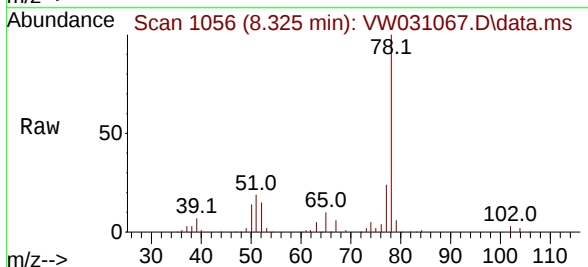
Instrument :
MSVOA_W
ClientSampleId :

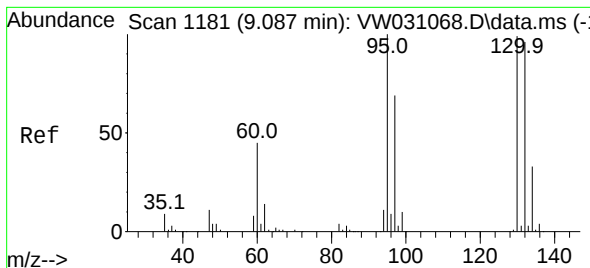
Tgt Ion:117 Resp: 33598
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.8



#33
Benzene
Concen: 3.917 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27

Tgt Ion: 78 Resp: 93961





#34

Trichloroethene

Concen: 4.028 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 26177

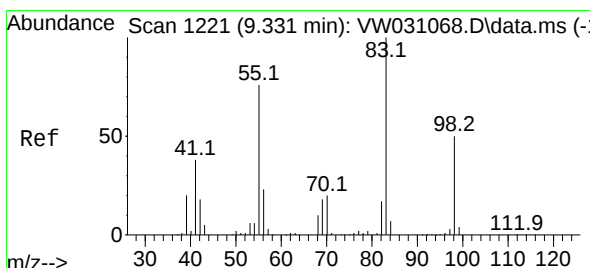
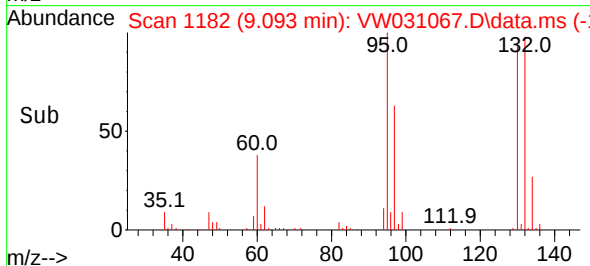
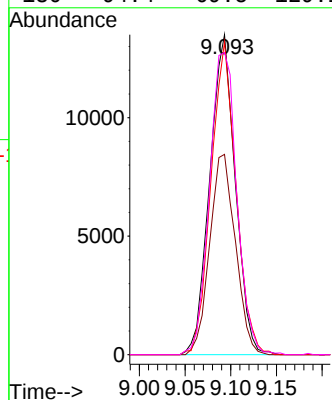
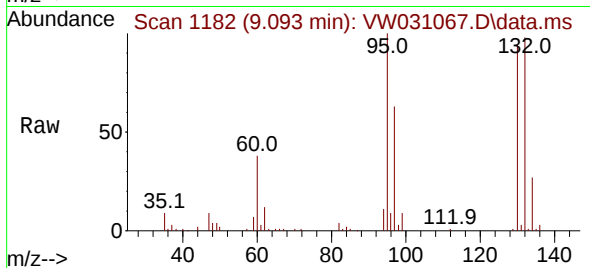
Ion Ratio Lower Upper

95 100

97 62.6 48.0 89.2

132 97.7 67.4 125.2

130 94.4 69.5 129.1



#35

Methylcyclohexane

Concen: 2.904 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

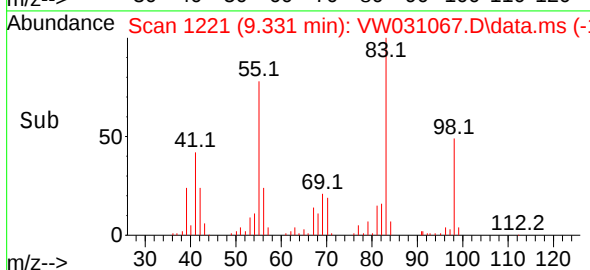
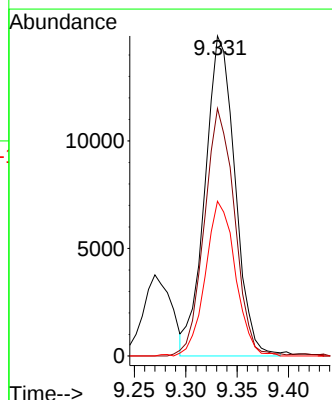
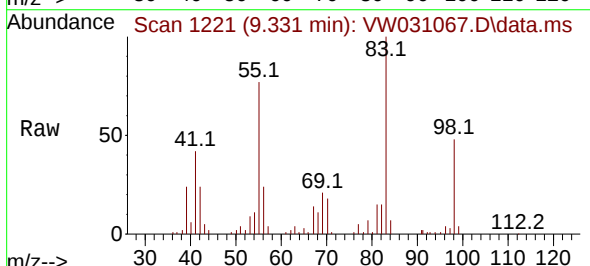
Tgt Ion: 83 Resp: 30332

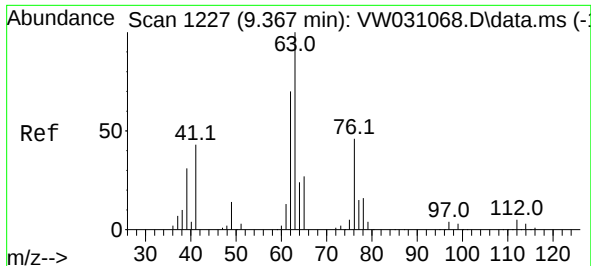
Ion Ratio Lower Upper

83 100

55 77.5 59.5 89.3

98 47.9 38.7 58.1





#37

1,2-Dichloropropane

Concen: 4.619 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

Instrument :

MSVOA_W

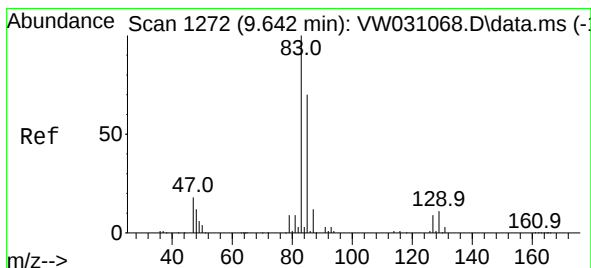
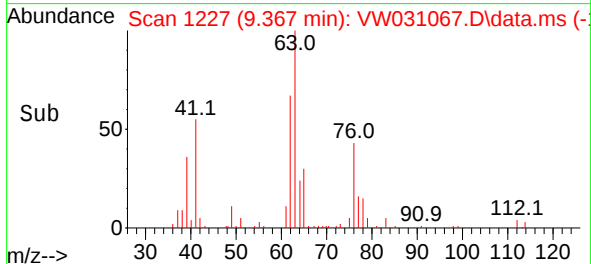
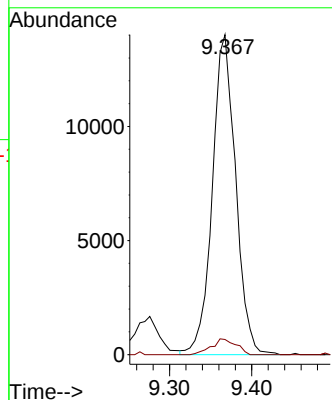
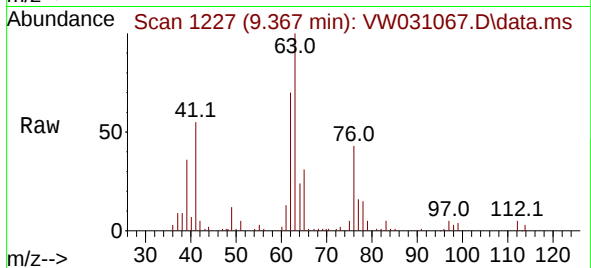
ClientSampleId :

Tgt Ion: 63 Resp: 27626

Ion Ratio Lower Upper

63 100

112 5.3 3.9 5.9



#38

Bromodichloromethane

Concen: 4.567 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

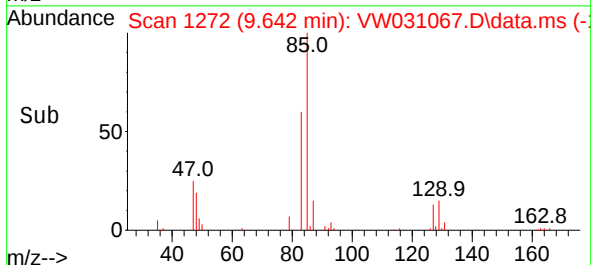
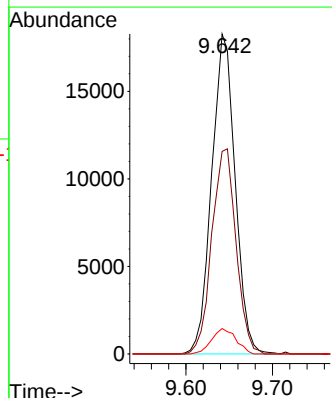
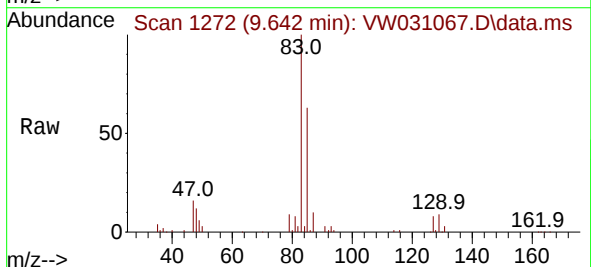
Tgt Ion: 83 Resp: 34382

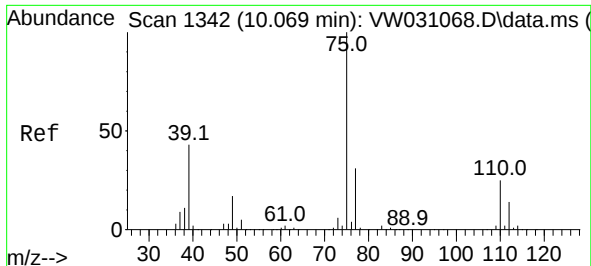
Ion Ratio Lower Upper

83 100

85 63.3 48.7 90.5

127 7.9 7.2 10.8

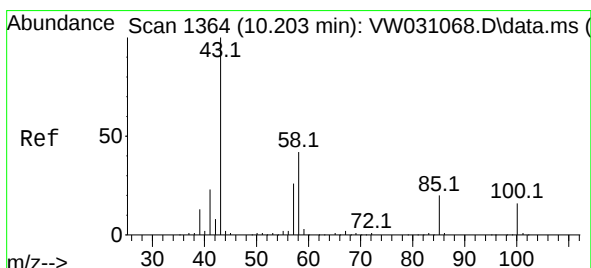
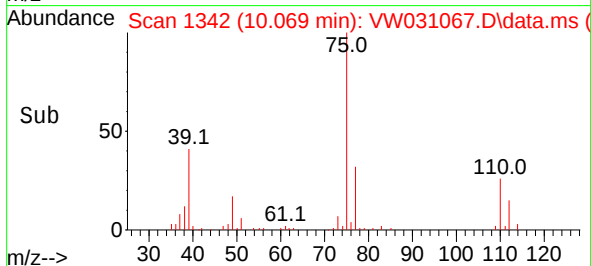
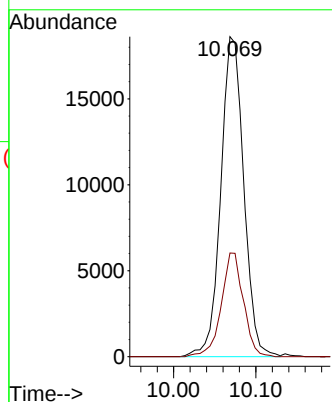
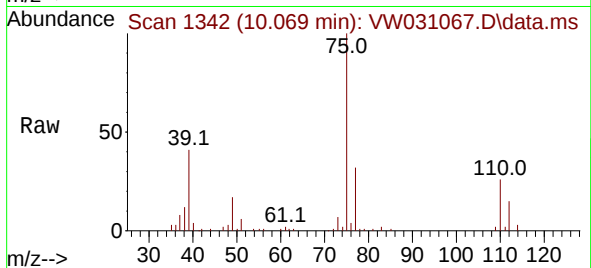




#39
cis-1,3-Dichloropropene
Concen: 4.006 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27

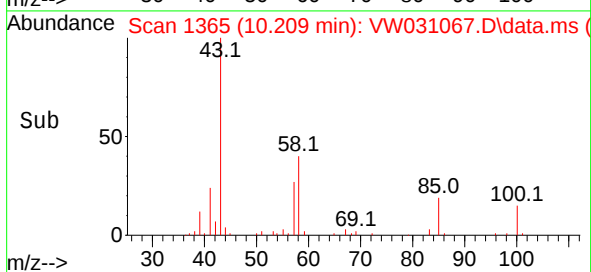
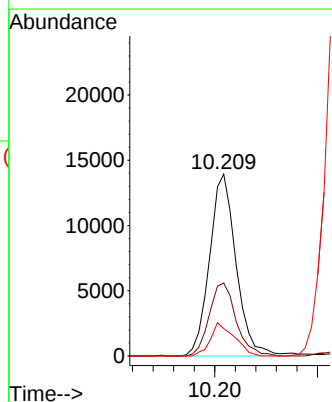
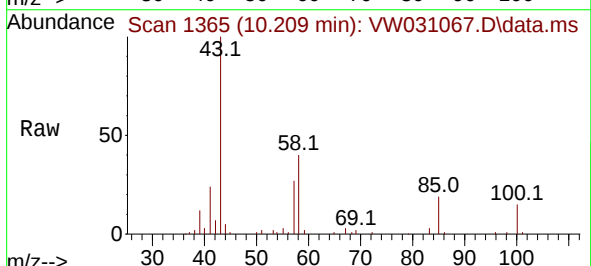
Instrument :
MSVOA_W
ClientSampleId :

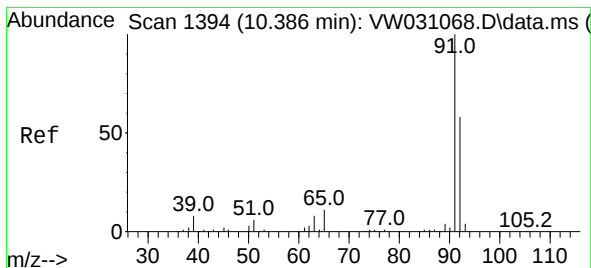
Tgt Ion: 75 Resp: 36112
Ion Ratio Lower Upper
75 100
77 32.4 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 8.867 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.006 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27

Tgt Ion: 43 Resp: 24956
Ion Ratio Lower Upper
43 100
58 40.6 33.7 50.5
100 16.4 14.2 21.2





#42

Toluene

Concen: 3.957 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

Instrument :

MSVOA_W

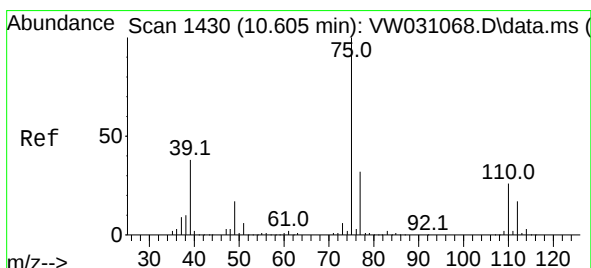
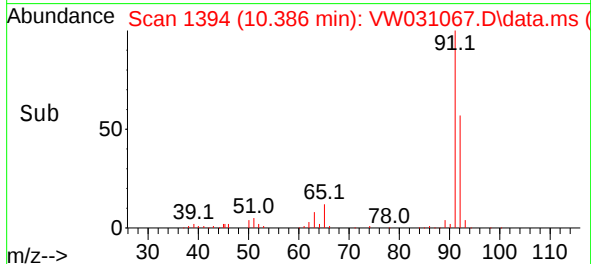
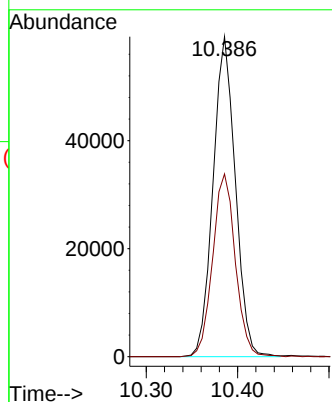
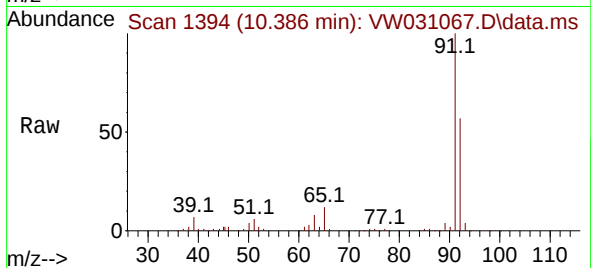
ClientSampleId :

Tgt Ion: 91 Resp: 100258

Ion Ratio Lower Upper

91 100

92 57.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.215 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031067.D

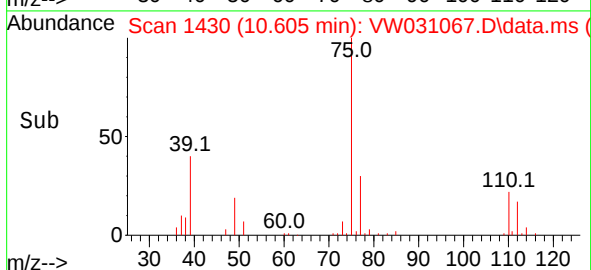
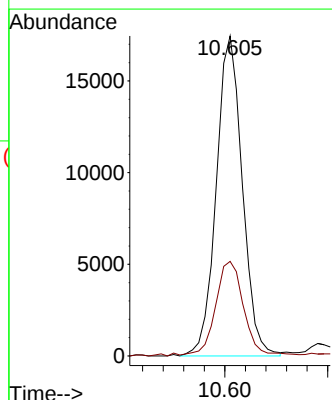
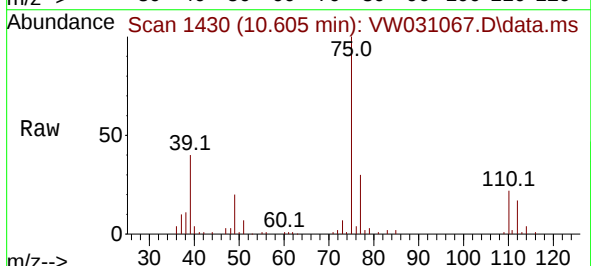
Acq: 20 Nov 2024 11:27

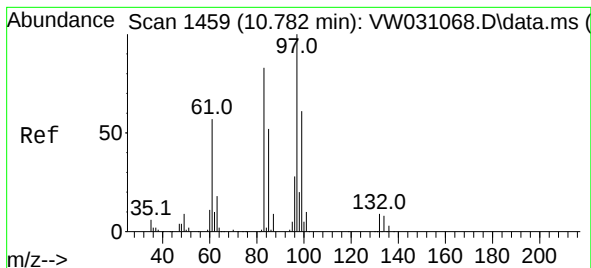
Tgt Ion: 75 Resp: 30683

Ion Ratio Lower Upper

75 100

77 29.6 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 5.049 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 21967

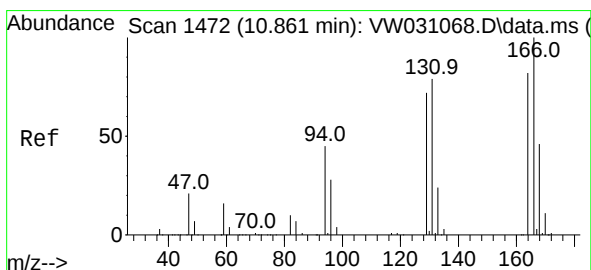
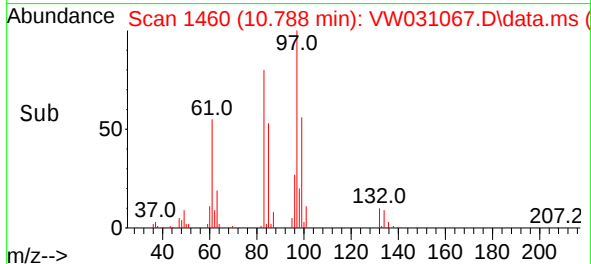
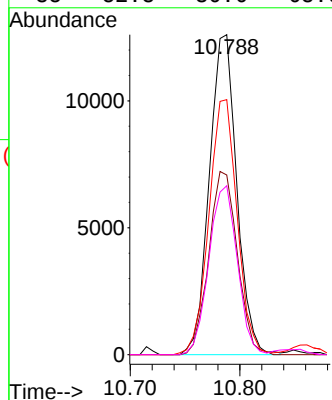
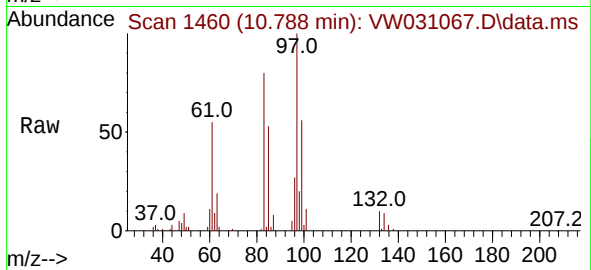
Ion Ratio Lower Upper

97 100

99 56.1 42.4 78.8

83 79.7 57.8 107.4

85 52.8 36.6 68.0



#46

Tetrachloroethene

Concen: 4.045 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

Tgt Ion:164 Resp: 21022

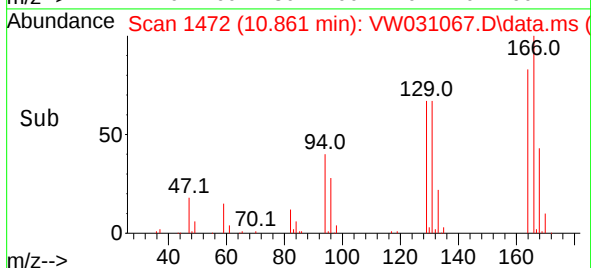
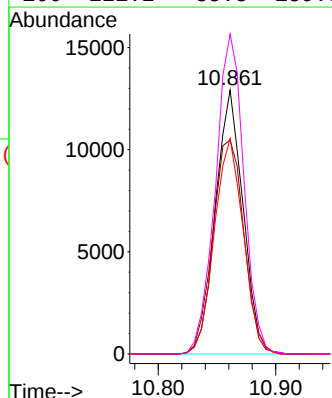
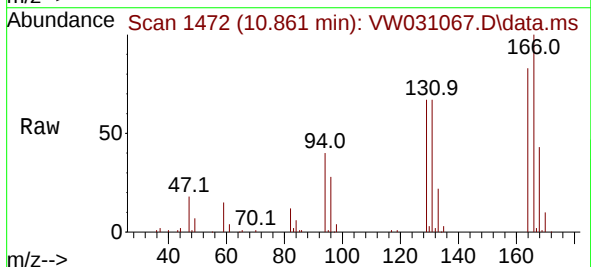
Ion Ratio Lower Upper

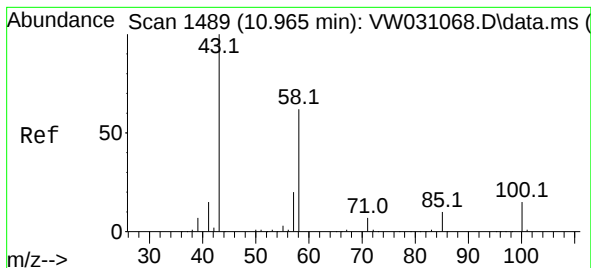
164 100

129 81.0 61.9 114.9

131 81.6 67.9 126.1

166 121.2 85.8 159.3





#48

2-Hexanone

Concen: 8.913 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 19834

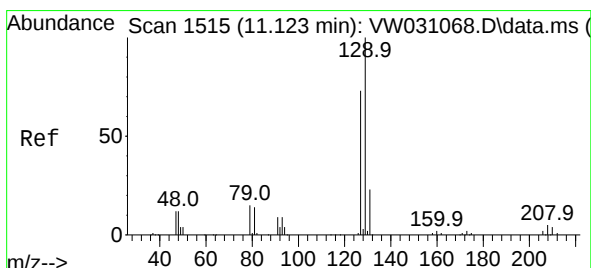
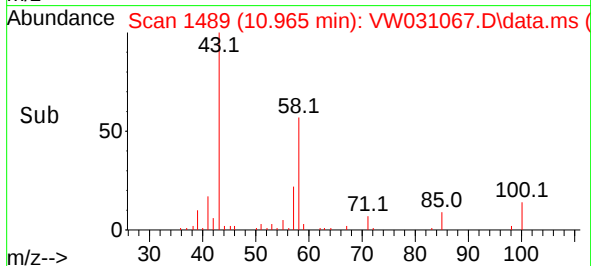
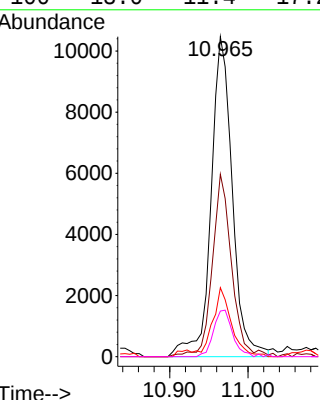
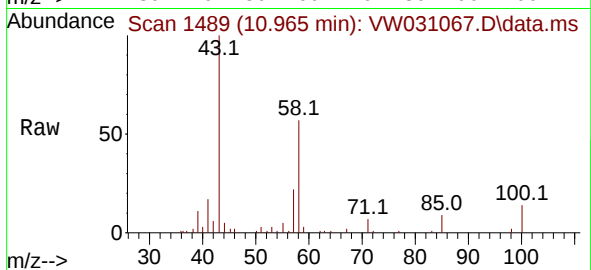
Ion Ratio Lower Upper

43 100

58 49.9 49.8 74.6

57 18.3 16.6 24.8

100 13.0 11.4 17.2



#49

Dibromochloromethane

Concen: 4.630 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW031067.D

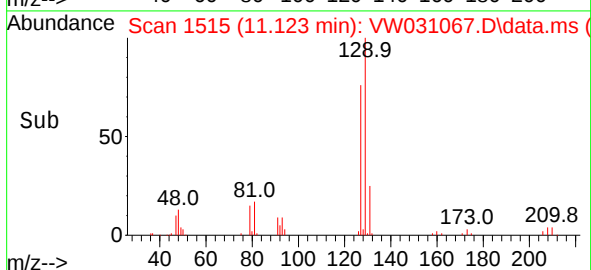
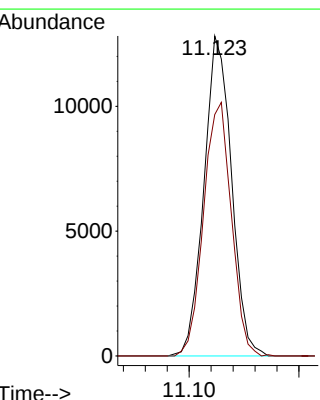
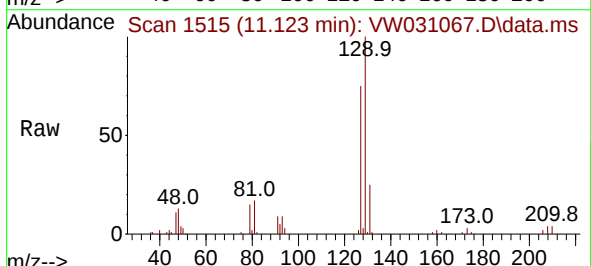
Acq: 20 Nov 2024 11:27

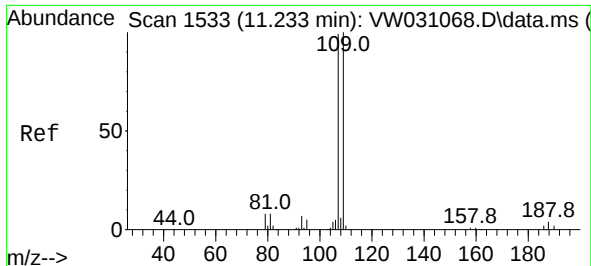
Tgt Ion:129 Resp: 22400

Ion Ratio Lower Upper

129 100

127 75.4 51.4 95.4





#50

1,2-Dibromoethane

Concen: 4.459 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW031067.D

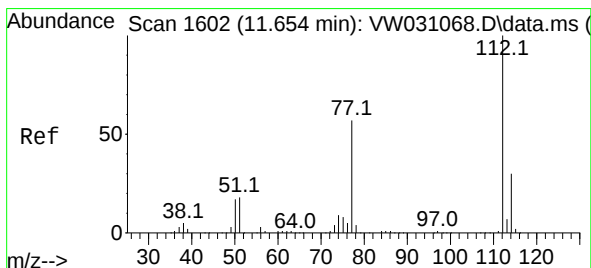
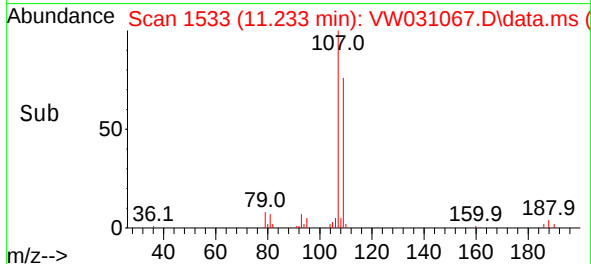
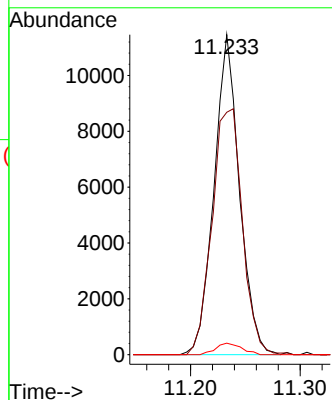
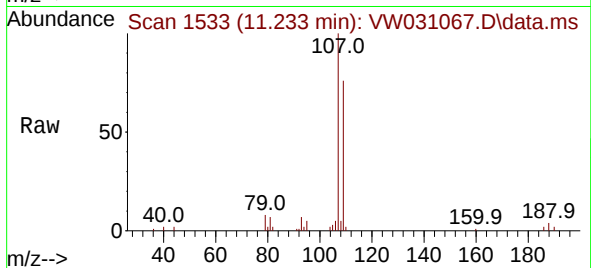
Acq: 20 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	18460
Ion Ratio	Lower	Upper	
107	100		
109	75.8	71.0	131.9
188	3.6	3.0	4.4



#51

Chlorobenzene

Concen: 4.362 ug/L

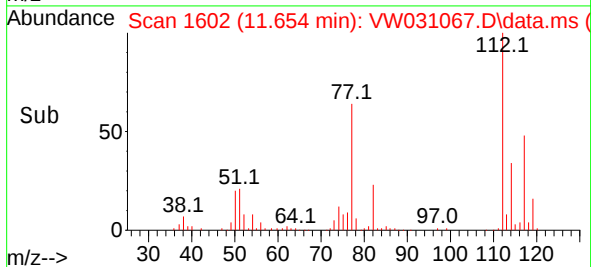
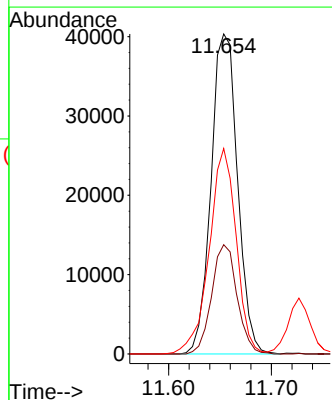
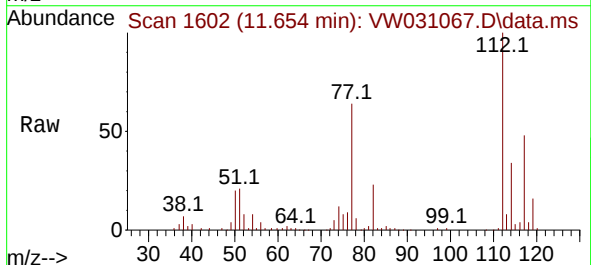
RT: 11.654 min Scan# 1602

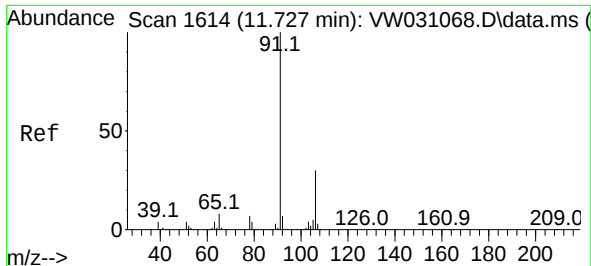
Delta R.T. -0.000 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

Tgt Ion:	112	Resp:	72278
Ion Ratio	Lower	Upper	
112	100		
114	34.2	21.2	39.4
77	64.2	45.4	68.0





#52

Ethylbenzene

Concen: 4.070 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

Instrument :

MSVOA_W

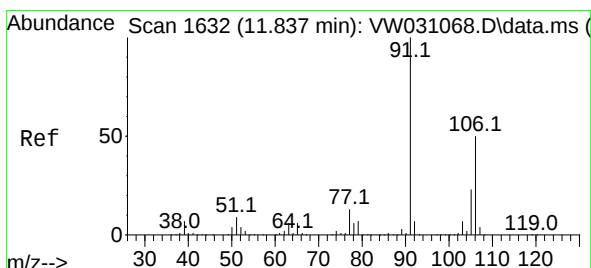
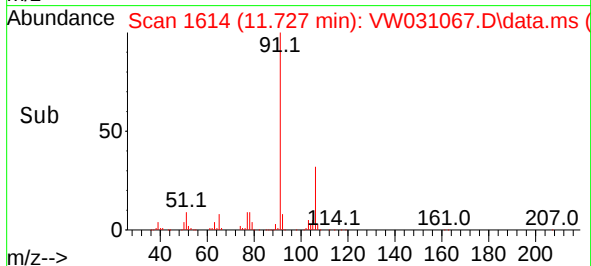
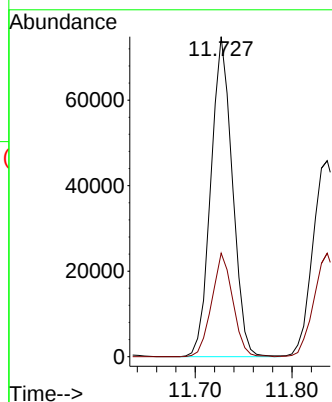
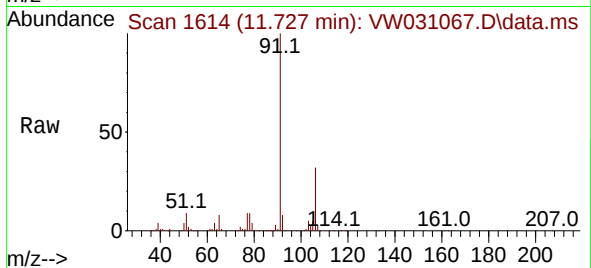
ClientSampleId :

Tgt Ion: 91 Resp: 115626

Ion Ratio Lower Upper

91 100

106 32.3 21.3 39.5



#53

m,p-Xylene

Concen: 4.127 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW031067.D

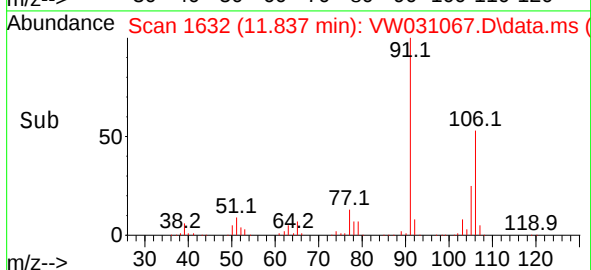
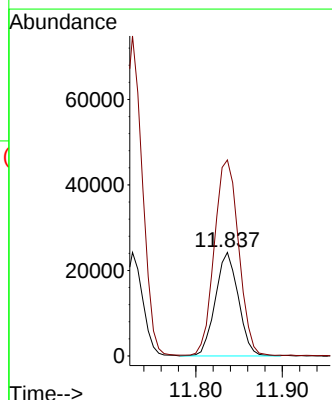
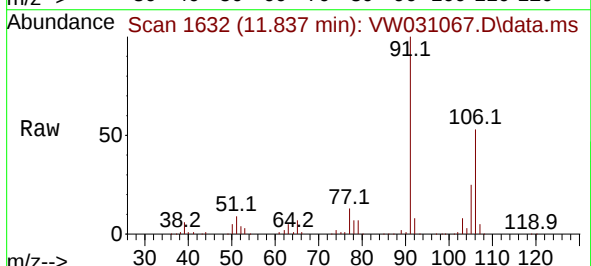
Acq: 20 Nov 2024 11:27

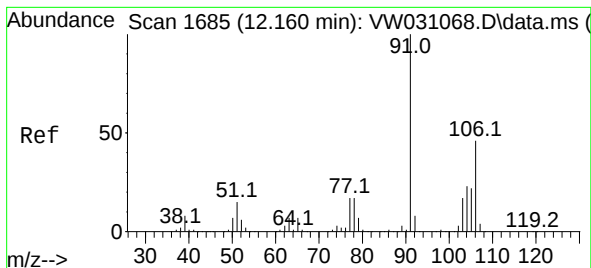
Tgt Ion:106 Resp: 44749

Ion Ratio Lower Upper

106 100

91 189.3 140.9 261.7





#54

o-Xylene

Concen: 3.989 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

Instrument :

MSVOA_W

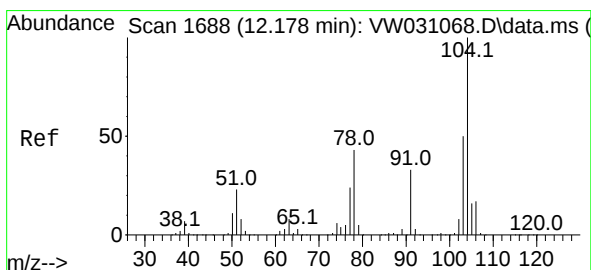
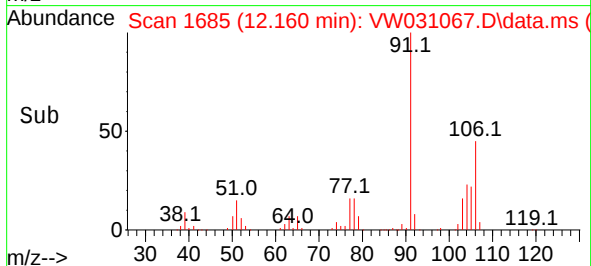
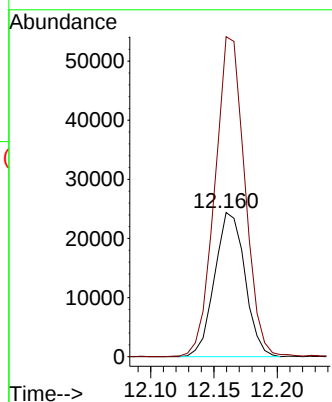
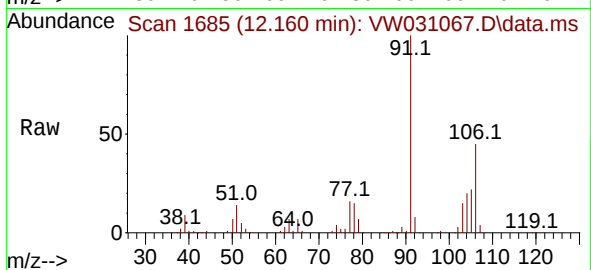
ClientSampleId :

Tgt Ion:106 Resp: 40645

Ion Ratio Lower Upper

106 100

91 222.0 152.7 283.5



#55

Styrene

Concen: 4.171 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW031067.D

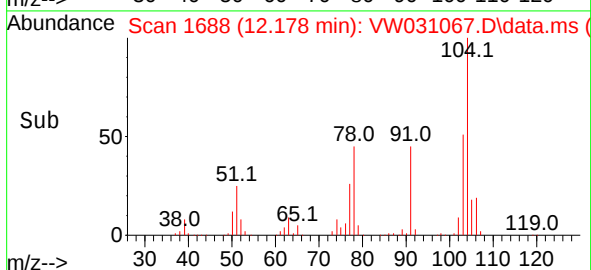
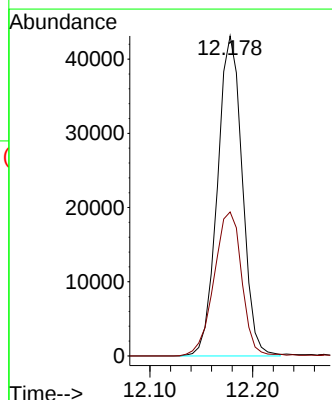
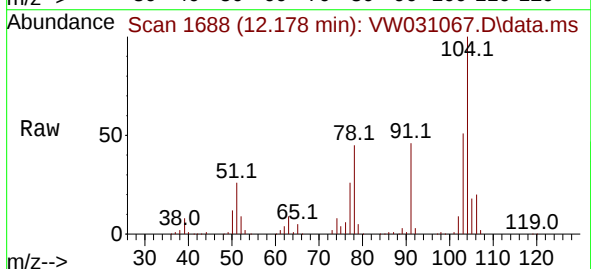
Acq: 20 Nov 2024 11:27

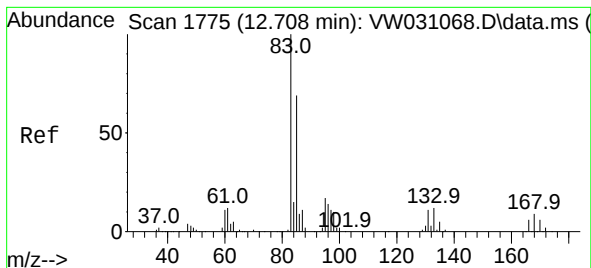
Tgt Ion:104 Resp: 72318

Ion Ratio Lower Upper

104 100

78 45.0 30.2 56.0

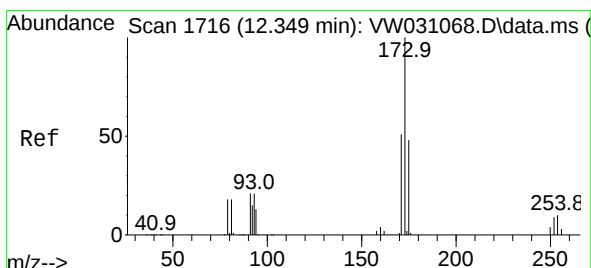
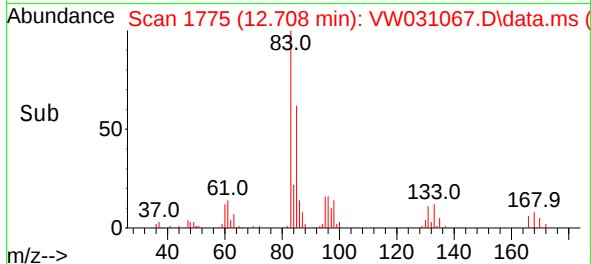
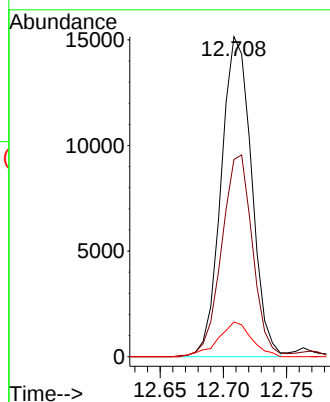
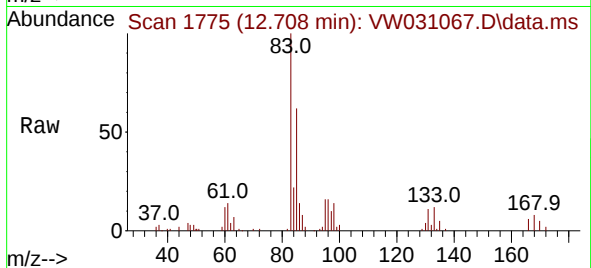




#57
1,1,2,2-Tetrachloroethane
Concen: 5.210 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27

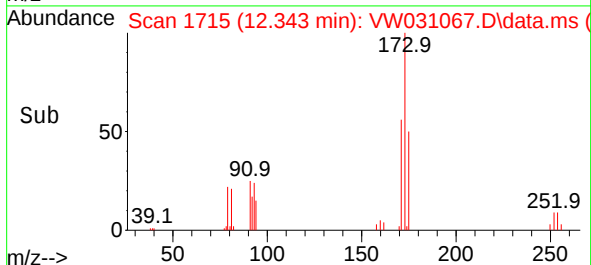
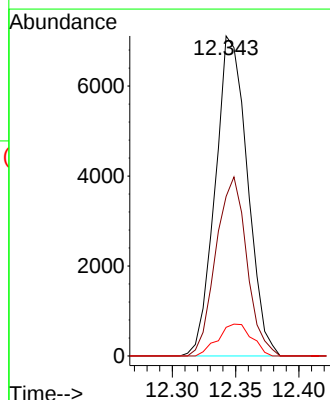
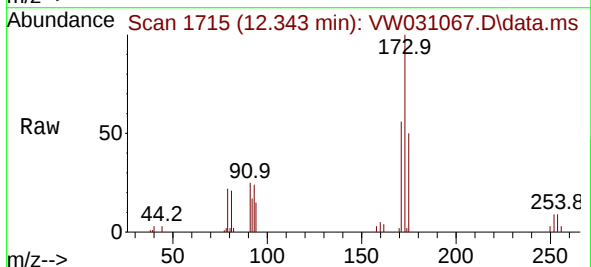
Instrument :
MSVOA_W
ClientSampleId :

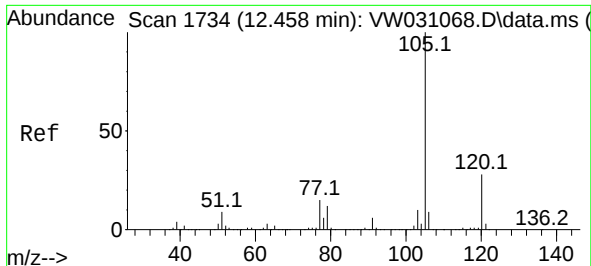
Tgt Ion: 83 Resp: 25282
Ion Ratio Lower Upper
83 100
85 61.6 48.3 89.7
131 10.9 8.9 13.3



#59
Bromoform
Concen: 4.177 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27

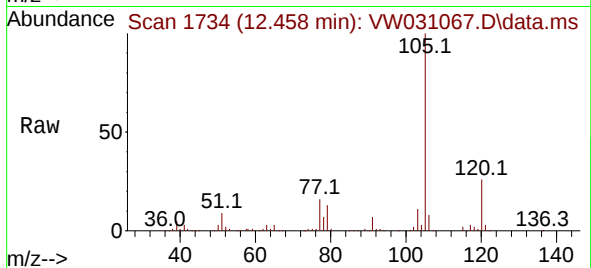
Tgt Ion:173 Resp: 12569
Ion Ratio Lower Upper
173 100
175 53.9 36.6 54.8
254 10.5 7.7 11.5



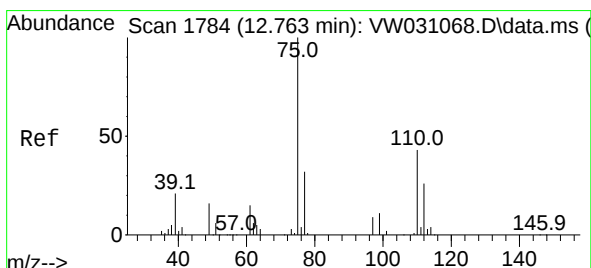
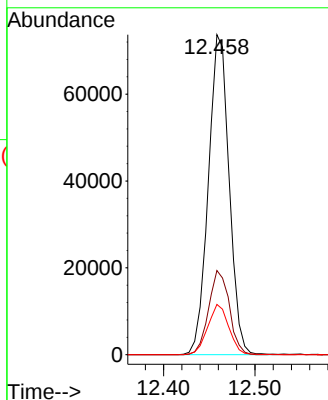
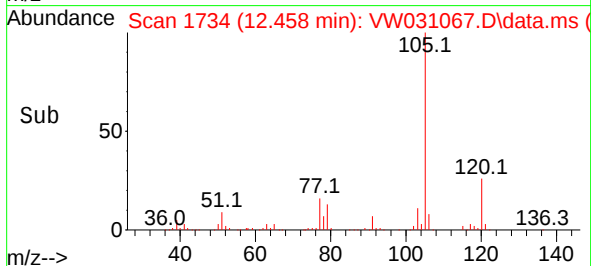


#60
Isopropylbenzene
Concen: 3.968 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27

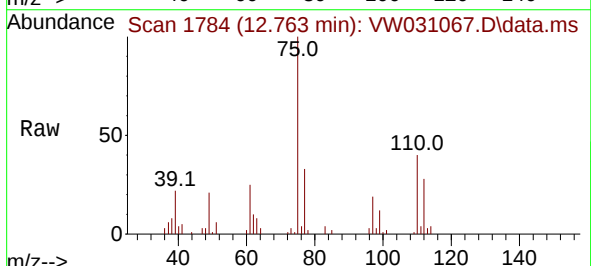
Instrument :
MSVOA_W
ClientSampleId :



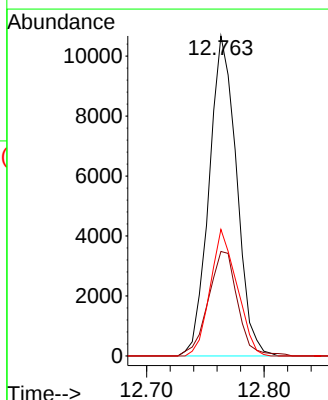
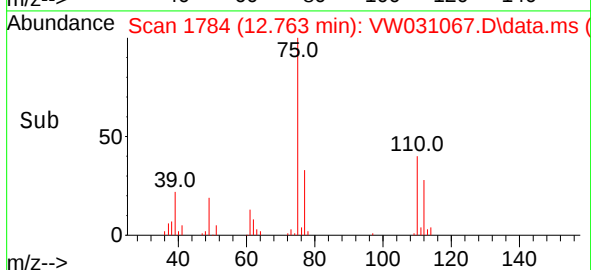
Tgt Ion:105 Resp: 116234
Ion Ratio Lower Upper
105 100
120 26.1 21.5 32.3
77 16.0 12.3 18.5

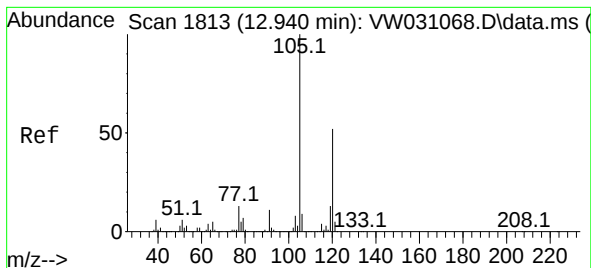


#61
1,2,3-Trichloropropane
Concen: 4.710 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27



Tgt Ion: 75 Resp: 17337
Ion Ratio Lower Upper
75 100
77 34.8 25.4 38.2
110 38.4 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 3.787 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW031067.D

Acq: 20 Nov 2024 11:27

Instrument :

MSVOA_W

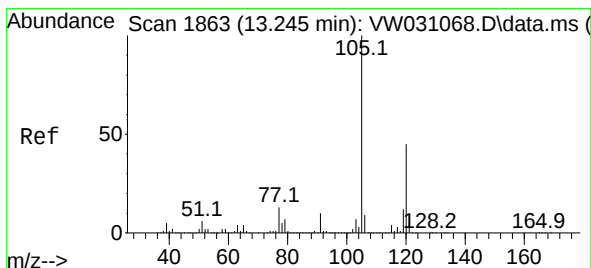
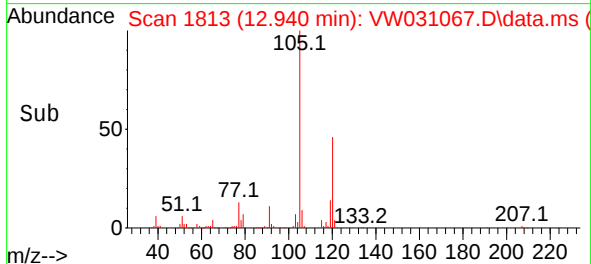
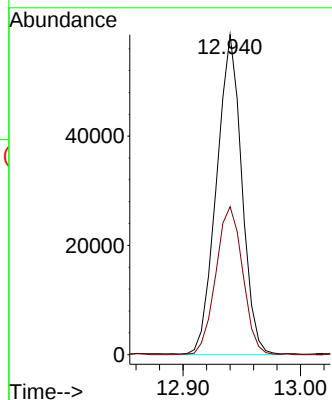
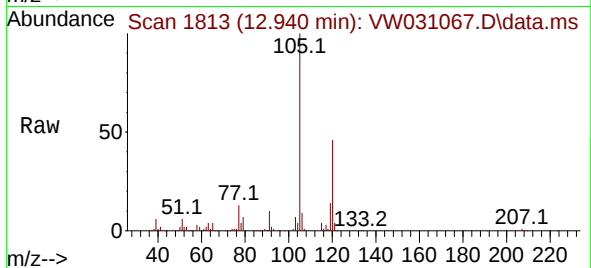
ClientSampleId :

Tgt Ion:105 Resp: 87516

Ion Ratio Lower Upper

105 100

120 49.0 40.5 60.7



#63

1,2,4-Trimethylbenzene

Concen: 3.865 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW031067.D

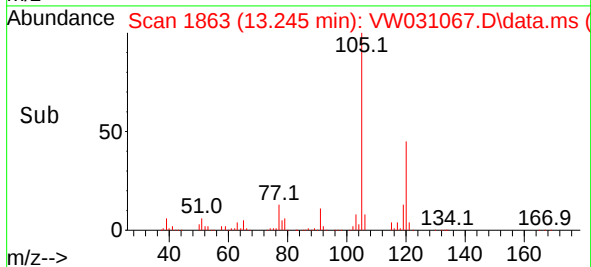
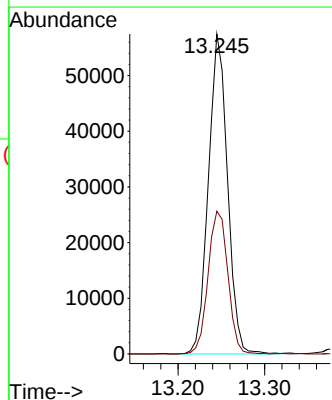
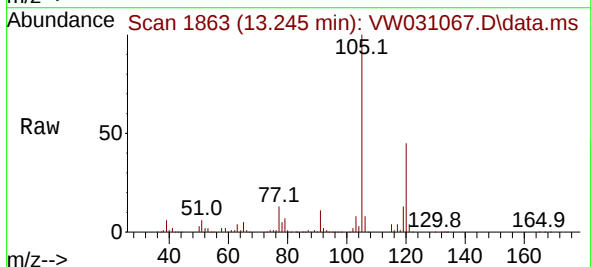
Acq: 20 Nov 2024 11:27

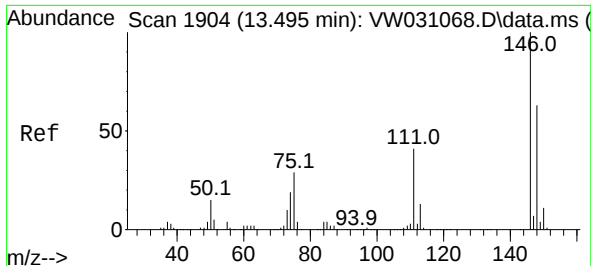
Tgt Ion:105 Resp: 88095

Ion Ratio Lower Upper

105 100

120 46.3 35.4 53.0

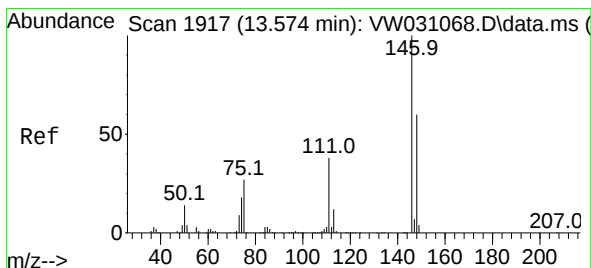
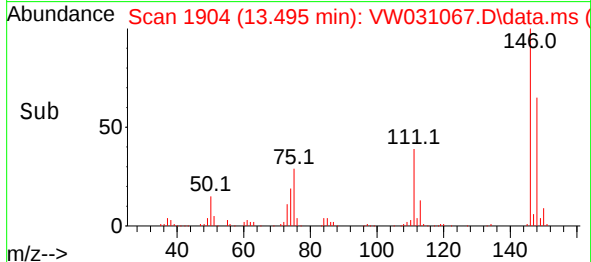
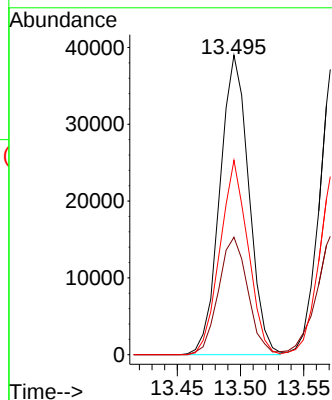
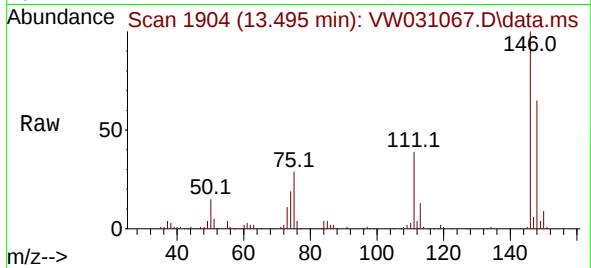




#64
1,3-Dichlorobenzene
Concen: 4.648 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27

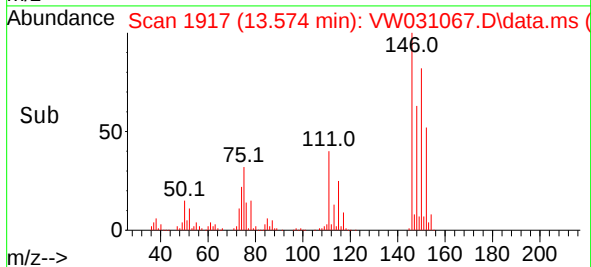
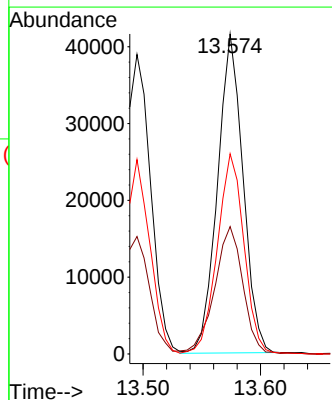
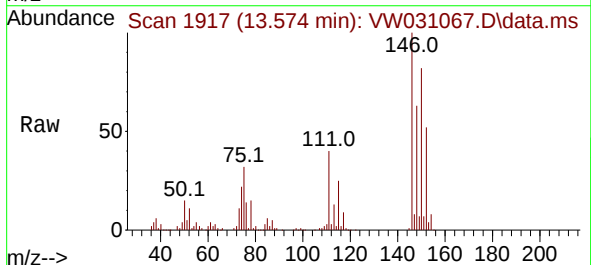
Instrument :
MSVOA_W
ClientSampleId :

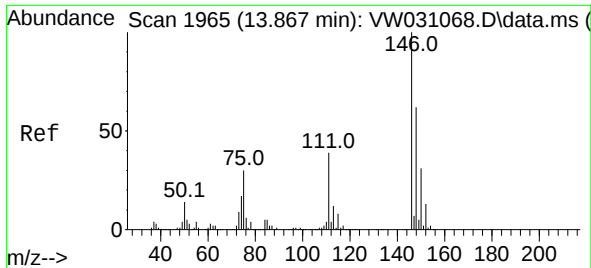
Tgt Ion:146 Resp: 62105
Ion Ratio Lower Upper
146 100
111 39.2 28.5 52.9
148 64.9 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 4.514 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27

Tgt Ion:146 Resp: 62759
Ion Ratio Lower Upper
146 100
111 39.8 26.6 49.4
148 62.5 42.1 78.1

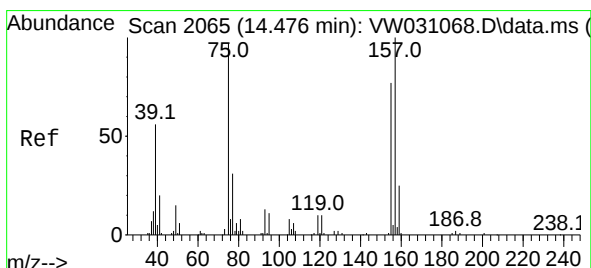
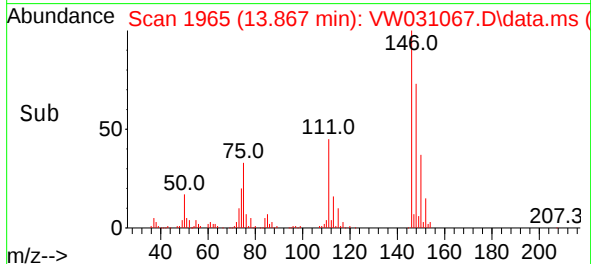
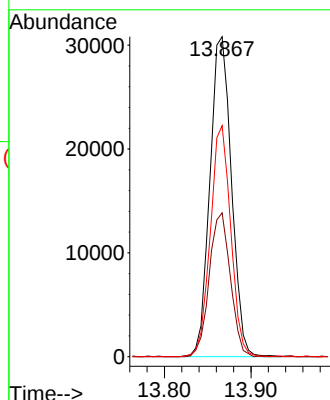
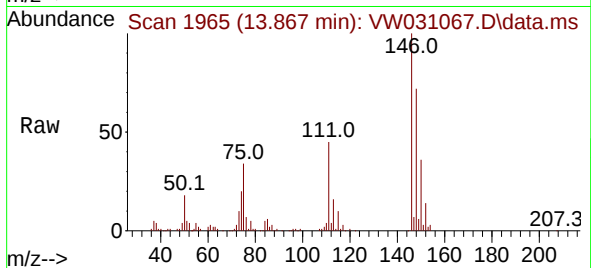




#67
1,2-Dichlorobenzene
Concen: 4.446 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27

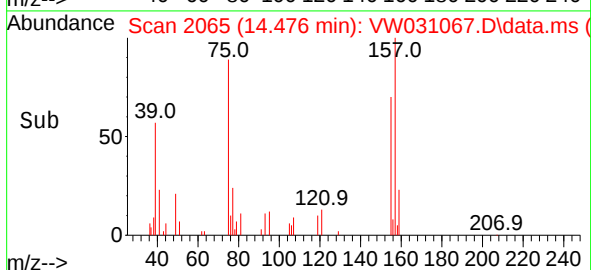
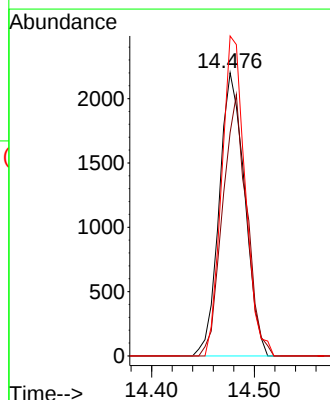
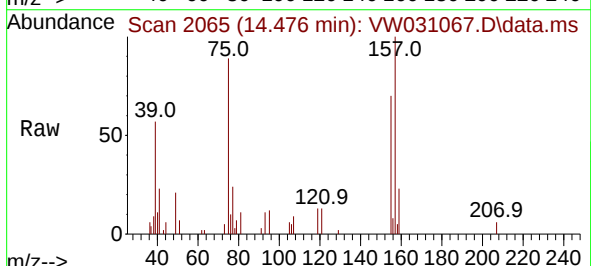
Instrument :
MSVOA_W
ClientSampleId :

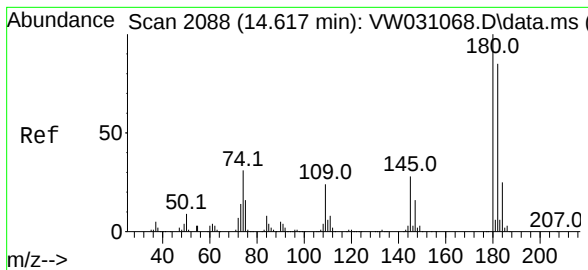
Tgt Ion:146 Resp: 53245
Ion Ratio Lower Upper
146 100
111 45.0 30.9 46.3
148 72.2 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.702 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031067.D
Acq: 20 Nov 2024 11:27

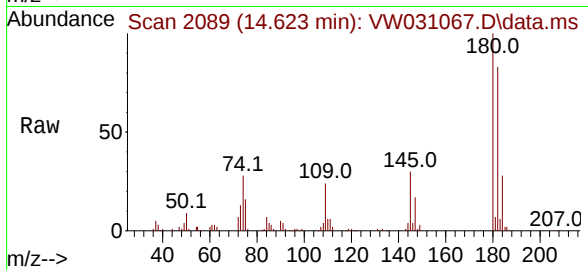
Tgt Ion: 75 Resp: 3783
Ion Ratio Lower Upper
75 100
155 78.9 63.1 94.7
157 113.0 82.1 123.1



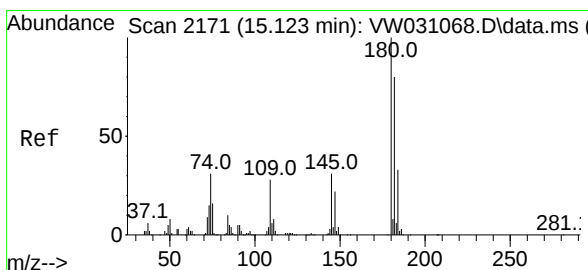
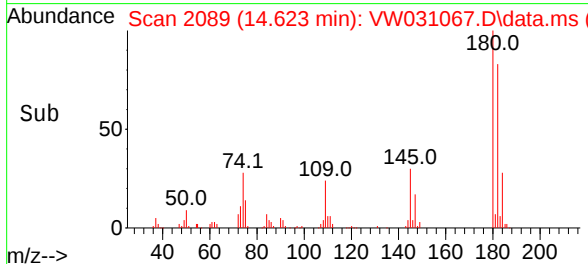
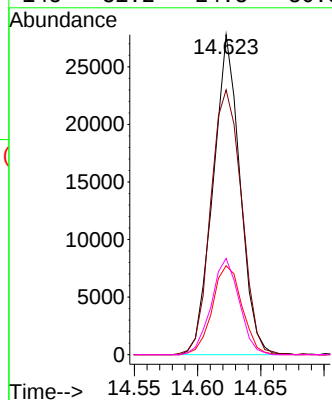


#69
 1,3,5-Trichlorobenzene
 Concen: 4.497 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.006 min
 Lab File: VW031067.D
 Acq: 20 Nov 2024 11:27

Instrument :
 MSVOA_W
 ClientSampleId :

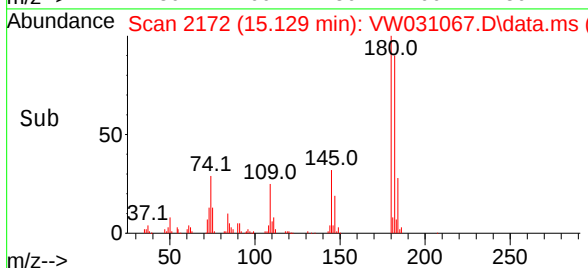
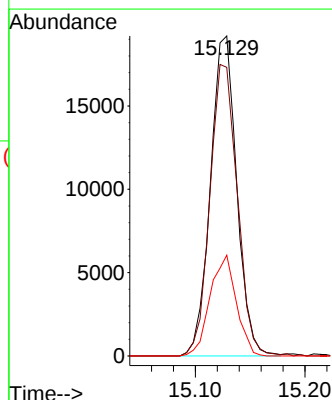
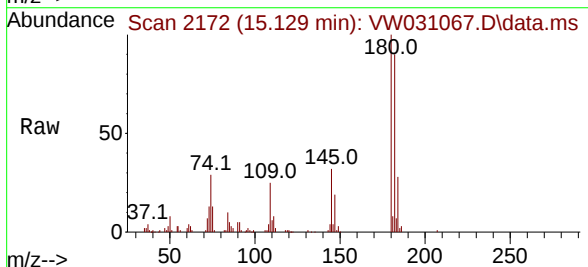


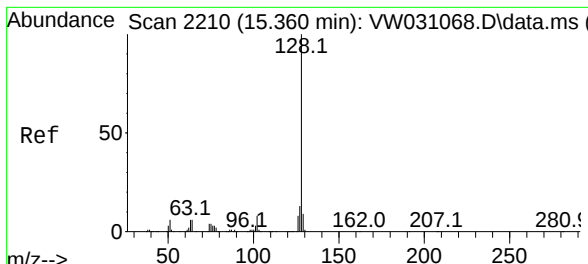
Tgt Ion:180 Resp: 41077
 Ion Ratio Lower Upper
 180 100
 182 94.9 78.2 117.2
 184 30.6 24.0 36.0
 145 31.2 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 4.390 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VW031067.D
 Acq: 20 Nov 2024 11:27

Tgt Ion:180 Resp: 32066
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.1 114.1
 145 31.4 25.7 38.5



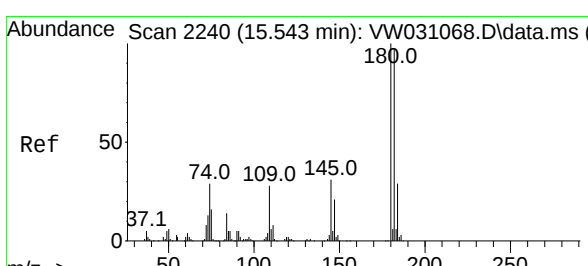
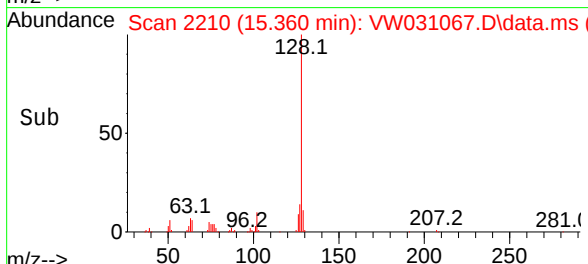
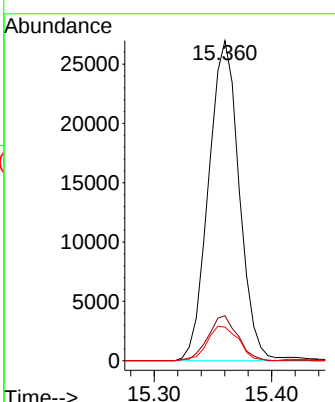
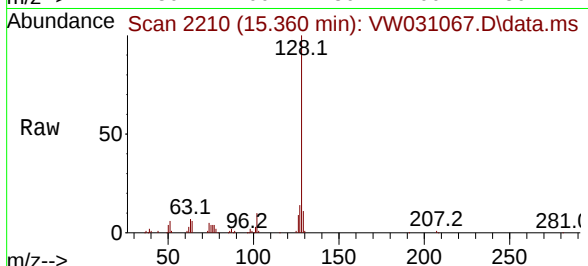


#71
 Naphthalene
 Concen: 3.949 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VW031067.D
 Acq: 20 Nov 2024 11:27

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 48768

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	11.0	8.3	12.5



#72
 1,2,3-Trichlorobenzene
 Concen: 4.481 ug/L
 RT: 15.543 min Scan# 2240
 Delta R.T. -0.000 min
 Lab File: VW031067.D
 Acq: 20 Nov 2024 11:27

Tgt Ion:180 Resp: 29134

Ion	Ratio	Lower	Upper
180	100		
182	97.7	78.7	118.1
145	34.1	26.3	39.5

