

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111924\
 Data File : VW031063.D
 Acq On : 19 Nov 2024 17:01
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 20 03:21:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 20 03:15:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	350623	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	327334	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	168670	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	114720	19.949	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.800%
7) Chloroethane-d5	2.899	69	99335	22.523	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.080%
11) 1,1-Dichloroethene-d2	4.021	65	53136	22.393	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.560%
21) 2-Butanone-d5	7.075	46	60359	63.782	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.560%
24) Chloroform-d	7.648	84	285384	27.609	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.440%
26) 1,2-Dichloroethane-d4	8.307	65	141768	27.585	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.360%
32) Benzene-d6	8.270	84	545383	26.819	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.280%
36) 1,2-Dichloropropane-d6	9.270	67	163629	27.295	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.200%
41) Toluene-d8	10.319	98	476076	26.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	10.575	79	66604	27.410	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.640%
47) 2-Hexanone-d5	10.922	63	50003	64.360	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	132109	31.631	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.520%#
66) 1,2-Dichlorobenzene-d4	13.848	152	174491	28.400	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	75473	20.208	ug/L	94
3) Chloromethane	2.222	50	93044	18.489	ug/L	97
5) Vinyl chloride	2.375	62	121392	20.353	ug/L	98
6) Bromomethane	2.795	94	83104	21.221	ug/L	94
8) Chloroethane	2.936	64	77067	21.315	ug/L	96
9) Trichlorofluoromethane	3.277	101	135957	24.978	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	127629	25.471	ug/L	92
12) 1,1-Dichloroethene	4.045	96	117994	26.036	ug/L	86
13) Acetone	4.125	43	69560	60.183	ug/L	95
14) Carbon disulfide	4.393	76	357188	23.975	ug/L	100
15) Methyl Acetate	4.673	43	46449	27.398	ug/L	99
16) Methylene chloride	4.917	84	133170	26.865	ug/L	94
17) trans-1,2-Dichloroethene	5.435	96	131651	26.479	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	192586	28.699	ug/L	98
19) 1,1-Dichloroethane	6.216	63	236957	25.540	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	144875	27.468	ug/L	97
22) 2-Butanone	7.173	43	79262	61.237	ug/L	99
23) Bromochloromethane	7.514	128	65822	28.496	ug/L	96
25) Chloroform	7.679	83	253653	25.984	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111924\
 Data File : VW031063.D
 Acq On : 19 Nov 2024 17:01
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 20 03:21:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 20 03:15:02 2024
 Response via : Initial Calibration

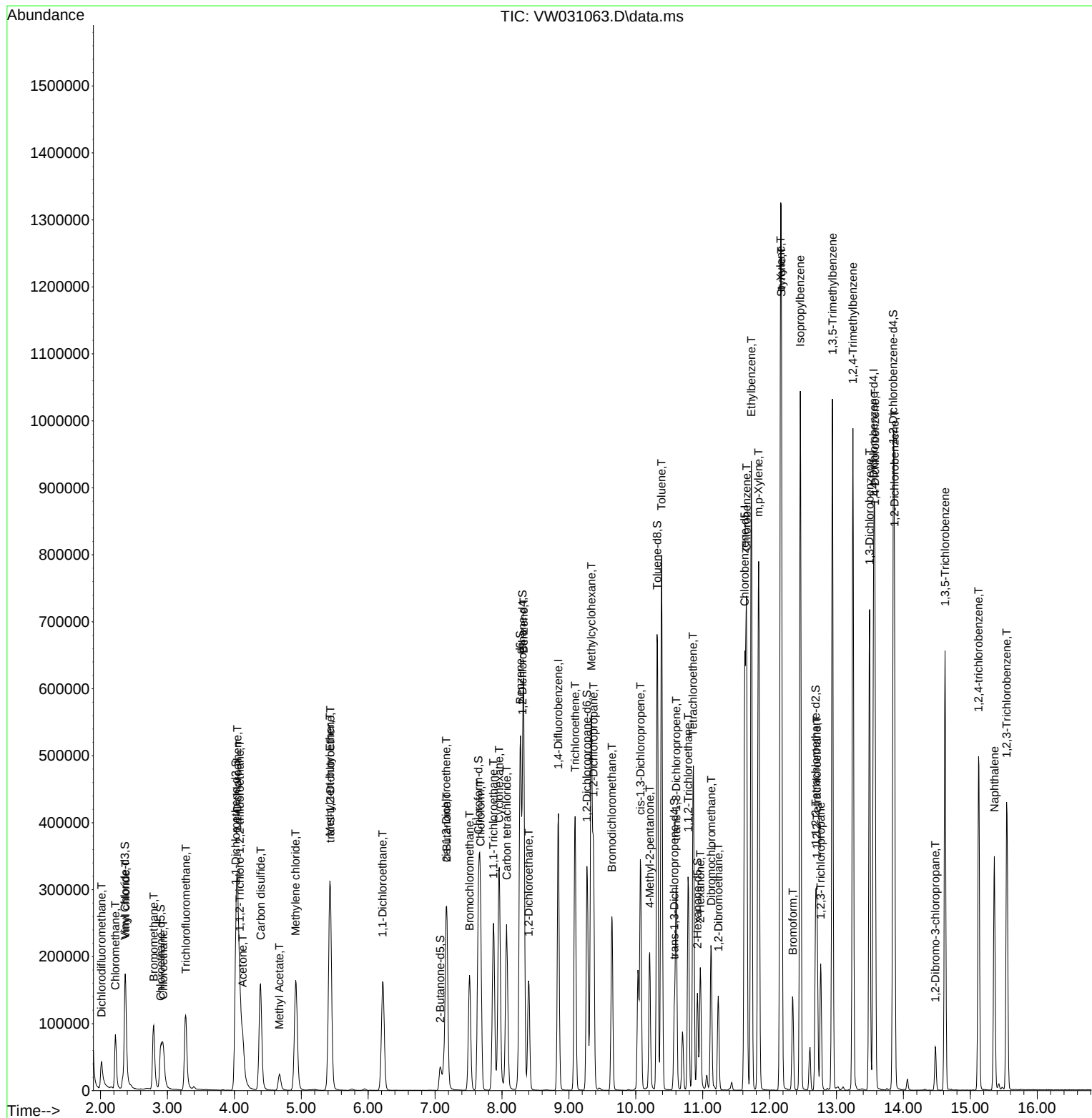
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	151904	24.986	ug/L	97
29) Cyclohexane	7.959	56	188187	23.990	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	208883	24.842	ug/L	97
31) Carbon tetrachloride	8.069	117	190008	25.148	ug/L	99
33) Benzene	8.325	78	548973	26.020	ug/L	100
34) Trichloroethene	9.093	95	146388	25.162	ug/L	92
35) Methylcyclohexane	9.337	83	232454	25.209	ug/L	98
37) 1,2-Dichloropropane	9.367	63	139617	26.478	ug/L	98
38) Bromodichloromethane	9.642	83	180502	26.067	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	212740	26.971	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	132201	54.824	ug/L	97
42) Toluene	10.386	91	597449	26.741	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	172906	26.386	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	104636	27.647	ug/L	97
46) Tetrachloroethene	10.855	164	118041	26.540	ug/L	94
48) 2-Hexanone	10.965	43	110158	60.045	ug/L	94
49) Dibromochloromethane	11.129	129	117916	28.575	ug/L	96
50) 1,2-Dibromoethane	11.233	107	98914	28.340	ug/L	98
51) Chlorobenzene	11.654	112	381276	26.665	ug/L	98
52) Ethylbenzene	11.727	91	674792	26.730	ug/L	95
53) m,p-Xylene	11.837	106	263206	27.722	ug/L	99
54) o-Xylene	12.166	106	242604	27.770	ug/L	95
55) Styrene	12.178	104	431649	28.918	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	118316	28.645	ug/L	99
59) Bromoform	12.349	173	65721	27.288	ug/L	99
60) Isopropylbenzene	12.458	105	661654	25.717	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	81202	25.678	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	545613	26.934	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	518226	26.269	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	303351	26.852	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	308197	26.573	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	270289	26.845	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	17364	25.936	ug/L	84
69) 1,3,5-Trichlorobenzene	14.623	180	203078	27.089	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	168090	28.238	ug/L	99
71) Naphthalene	15.360	128	290159	30.068	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	152484	29.723	ug/L	97

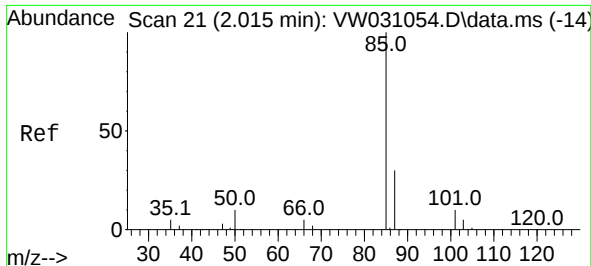
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111924\
Data File : VW031063.D
Acq On : 19 Nov 2024 17:01
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

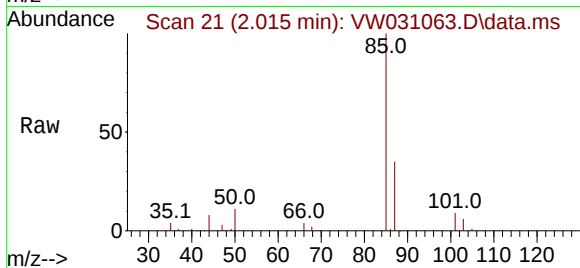
Quant Time: Nov 20 03:21:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 20 03:15:02 2024
Response via : Initial Calibration



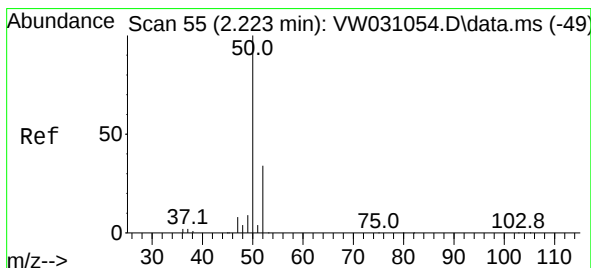
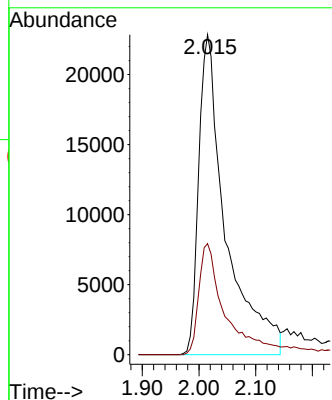
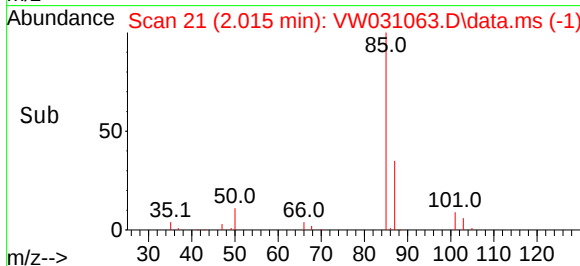


#2
Dichlorodifluoromethane
Concen: 20.208 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

Instrument :
MSVOA_W
ClientSampleId :

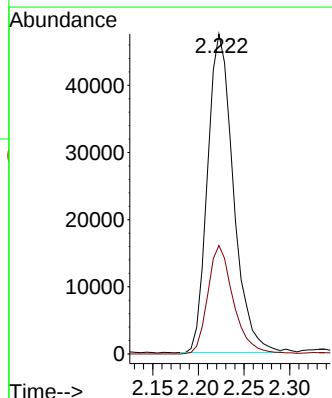
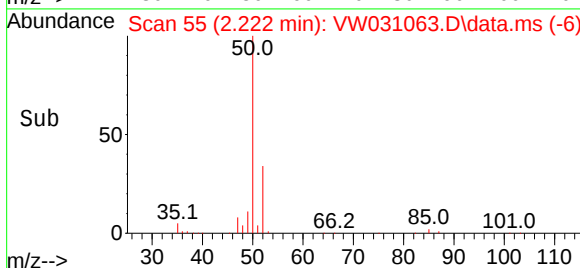
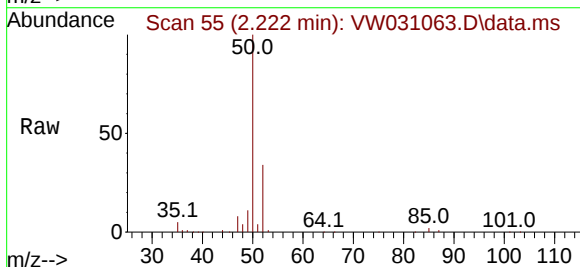


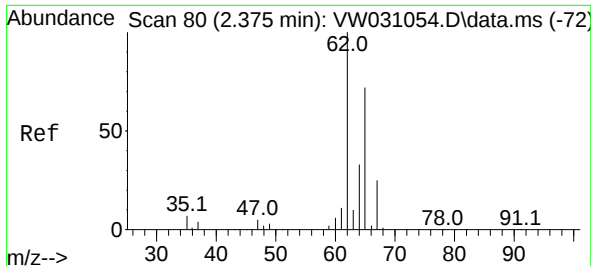
Tgt Ion: 85 Resp: 75473
Ion Ratio Lower Upper
85 100
87 33.5 24.2 36.4



#3
Chloromethane
Concen: 18.489 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

Tgt Ion: 50 Resp: 93044
Ion Ratio Lower Upper
50 100
52 33.9 22.5 41.9

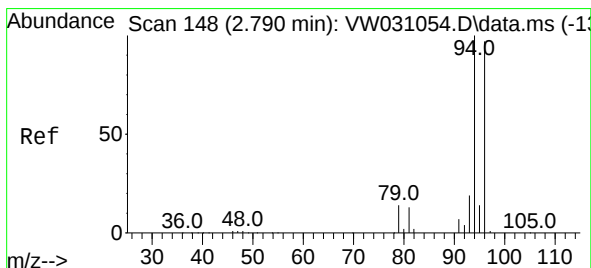
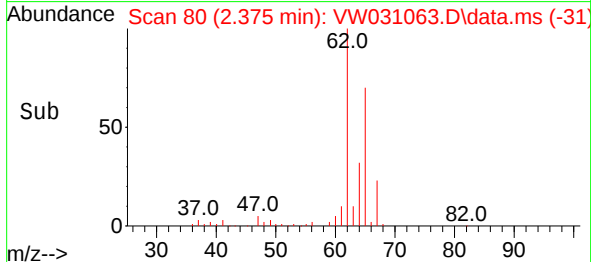
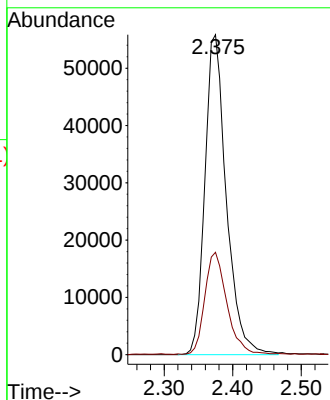
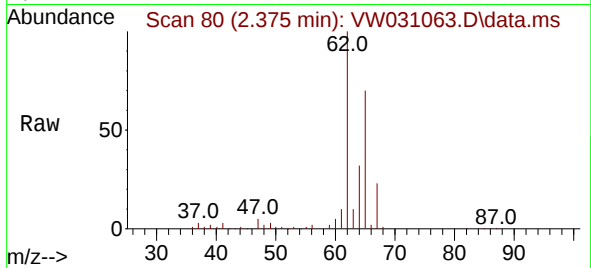




#5
 Vinyl chloride
 Concen: 20.353 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW031063.D
 Acq: 19 Nov 2024 17:01

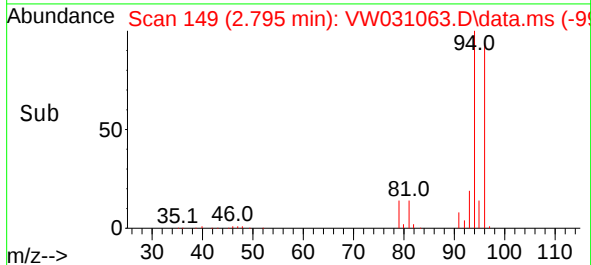
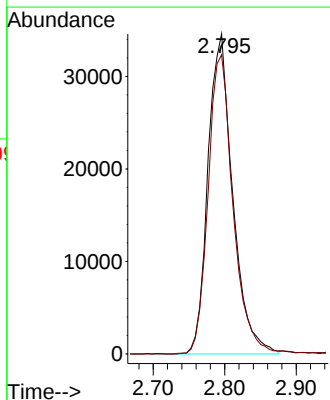
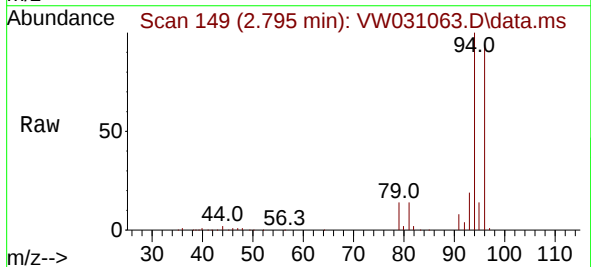
Instrument :
 MSVOA_W
 ClientSampleId :

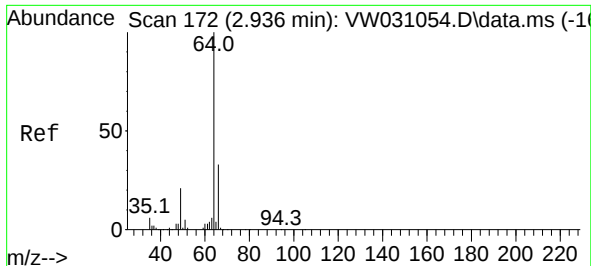
Tgt Ion: 62 Resp: 121392
 Ion Ratio Lower Upper
 62 100
 64 32.0 21.7 40.3



#6
 Bromomethane
 Concen: 21.221 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW031063.D
 Acq: 19 Nov 2024 17:01

Tgt Ion: 94 Resp: 83104
 Ion Ratio Lower Upper
 94 100
 96 93.5 61.6 114.4

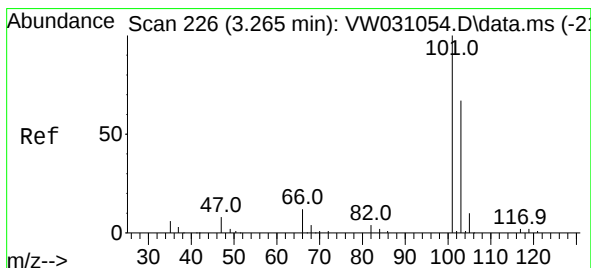
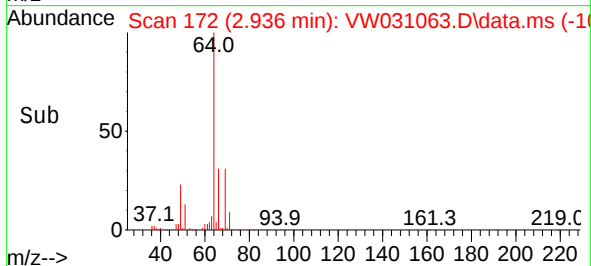
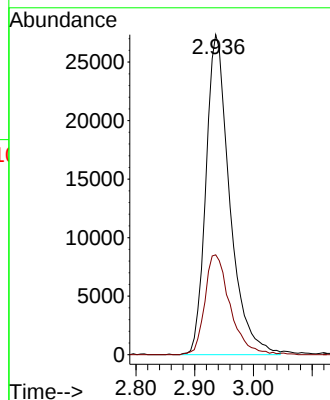
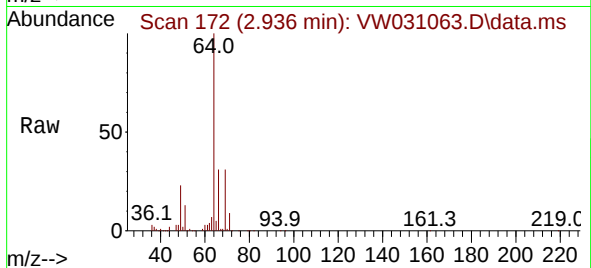




#8
Chloroethane
Concen: 21.315 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

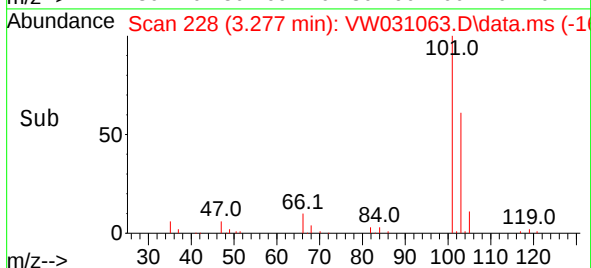
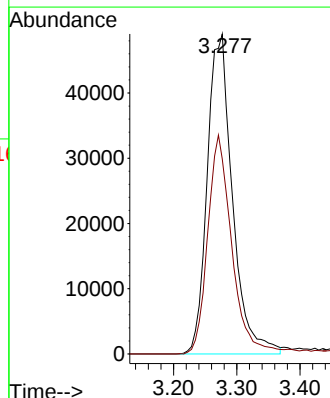
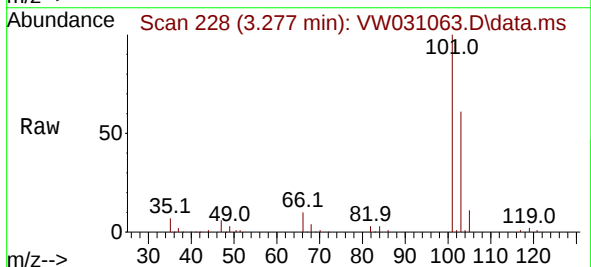
Instrument :
MSVOA_W
ClientSampleId :

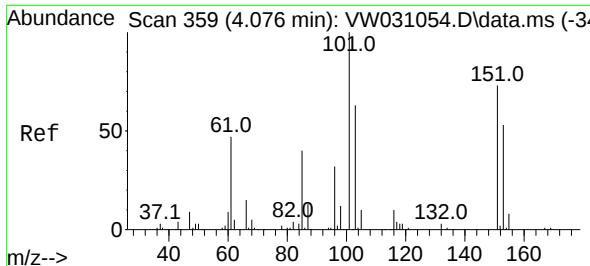
Tgt Ion: 64 Resp: 77067
Ion Ratio Lower Upper
64 100
66 31.2 23.5 43.7



#9
Trichlorofluoromethane
Concen: 24.978 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.012 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

Tgt Ion:101 Resp: 135957
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6





#10

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

Concen: 25.471 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

ClientSampleId :

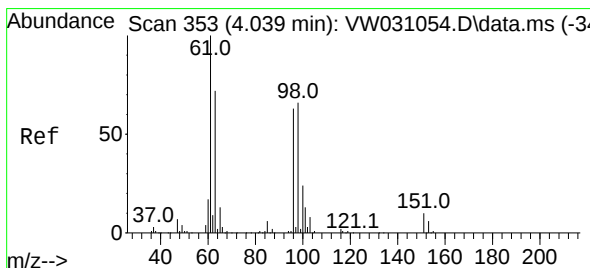
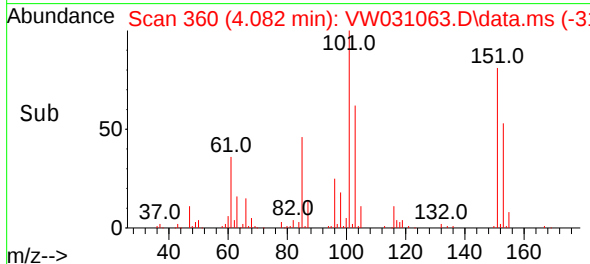
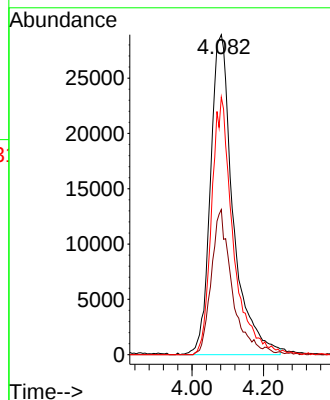
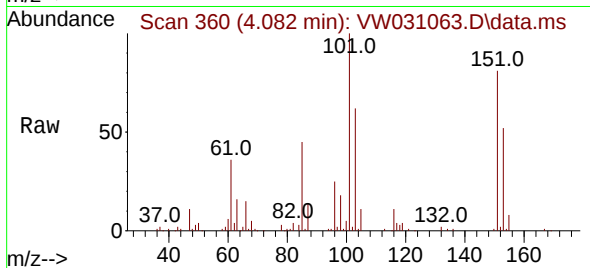
Tgt Ion:101 Resp: 127629

Ion Ratio Lower Upper

101 100

85 41.1 32.9 49.3

151 73.6 51.0 76.6



#12

1,1-Dichloroethene

Concen: 26.036 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

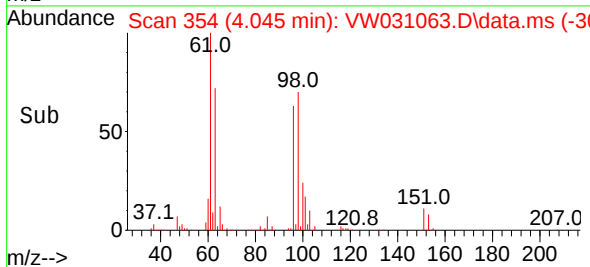
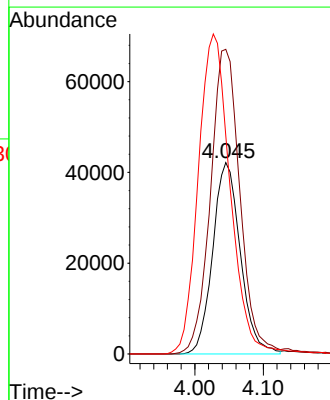
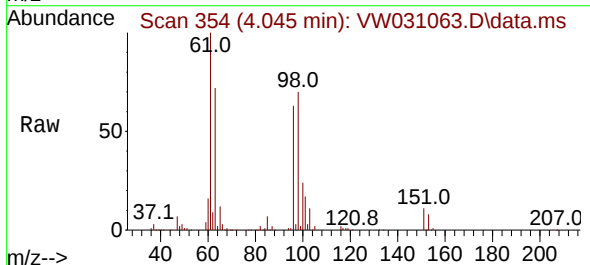
Tgt Ion: 96 Resp: 117994

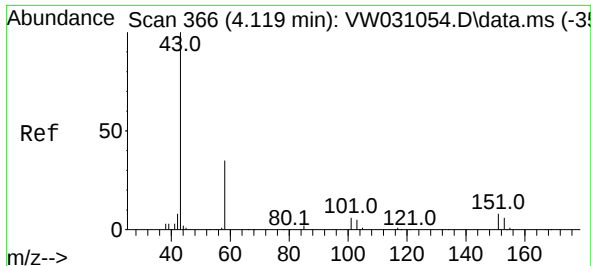
Ion Ratio Lower Upper

96 100

61 159.1 118.9 220.7

63 113.9 97.8 181.6





#13

Acetone

Concen: 60.183 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

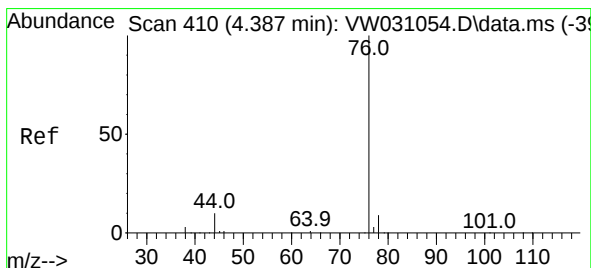
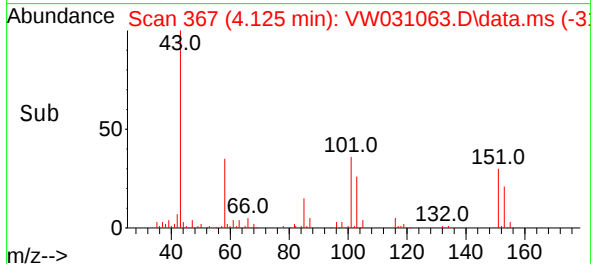
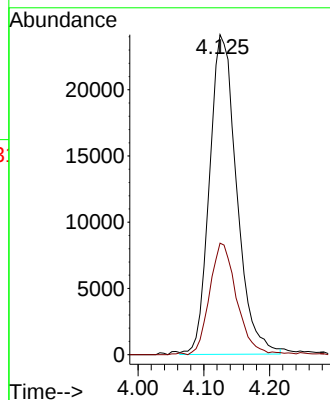
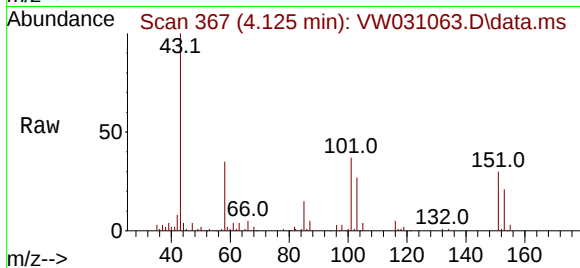
ClientSampleId :

Tgt Ion: 43 Resp: 69560

Ion Ratio Lower Upper

43 100

58 34.2 0.0 62.6



#14

Carbon disulfide

Concen: 23.975 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW031063.D

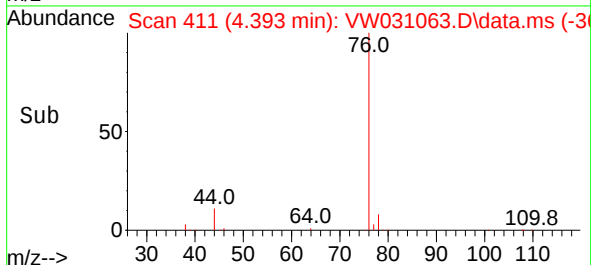
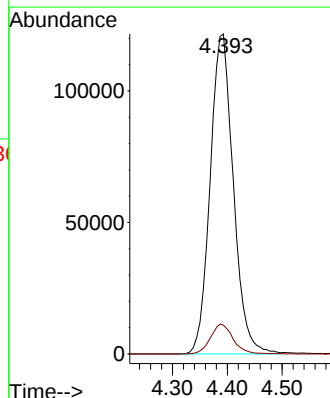
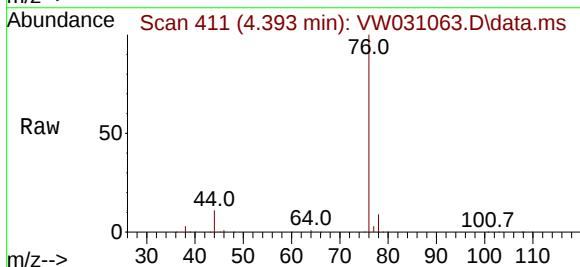
Acq: 19 Nov 2024 17:01

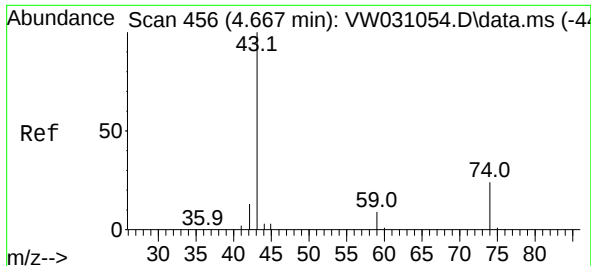
Tgt Ion: 76 Resp: 357188

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

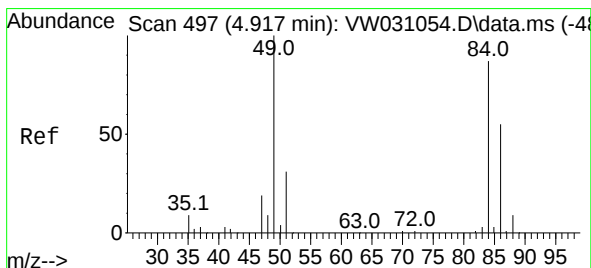
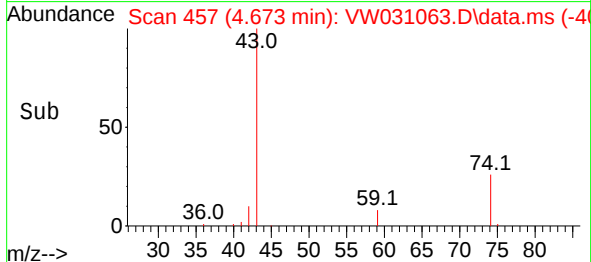
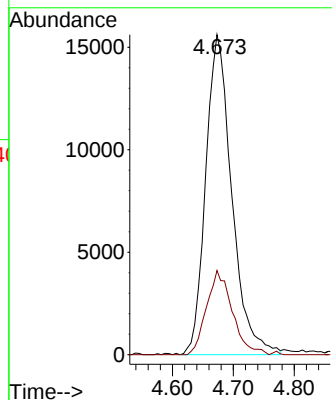
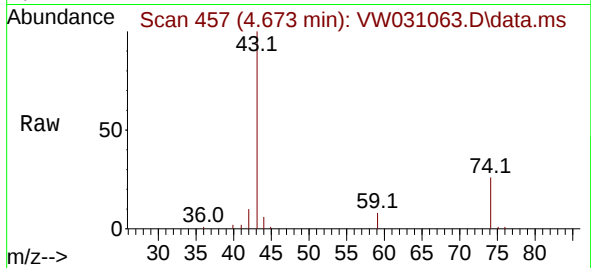




#15
Methyl Acetate
Concen: 27.398 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

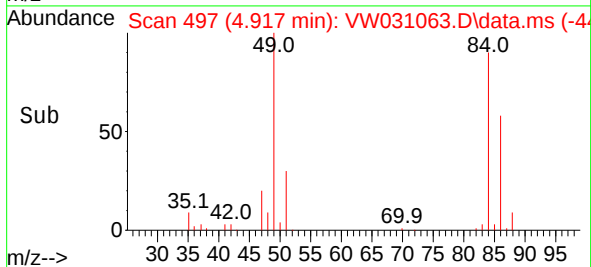
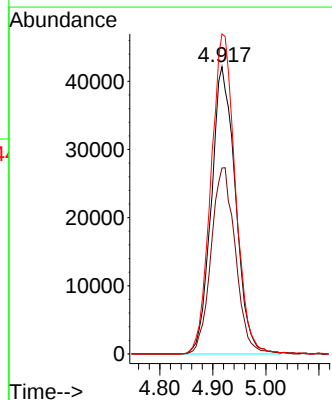
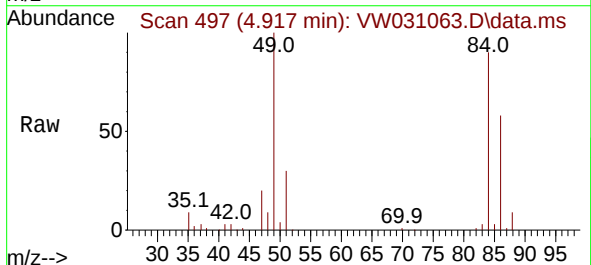
Instrument :
MSVOA_W
ClientSampleId :

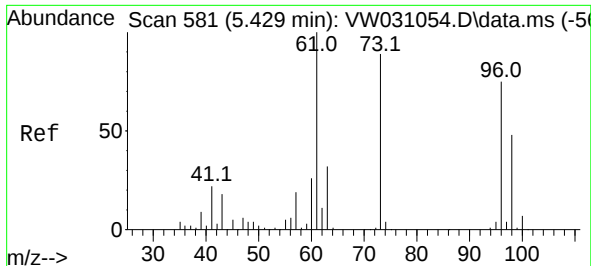
Tgt Ion: 43 Resp: 46449
Ion Ratio Lower Upper
43 100
74 25.6 20.2 30.2



#16
Methylene chloride
Concen: 26.865 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

Tgt Ion: 84 Resp: 133170
Ion Ratio Lower Upper
84 100
86 64.8 41.8 77.6
49 111.4 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 26.479 ug/L

RT: 5.435 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

ClientSampleId :

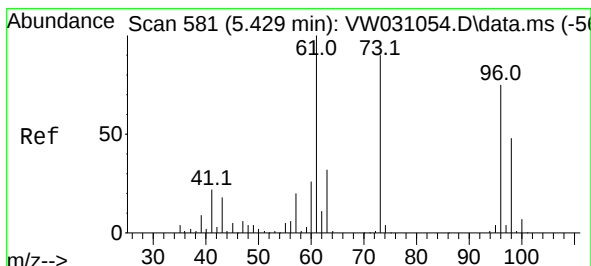
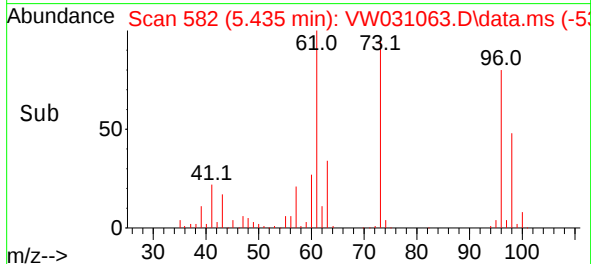
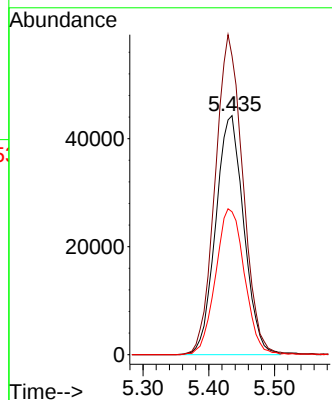
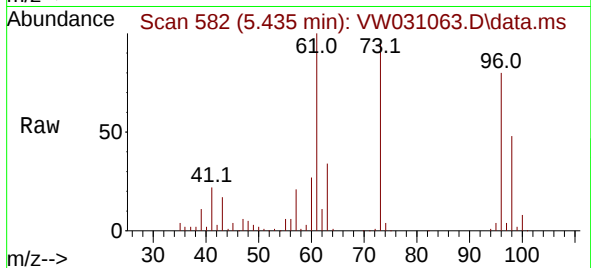
Tgt Ion: 96 Resp: 131651

Ion Ratio Lower Upper

96 100

61 124.9 95.2 176.8

98 59.8 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 28.699 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

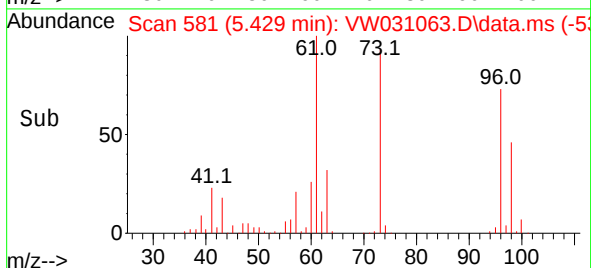
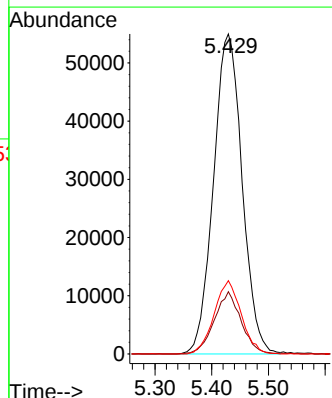
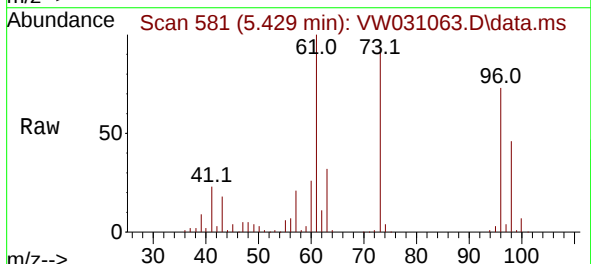
Tgt Ion: 73 Resp: 192586

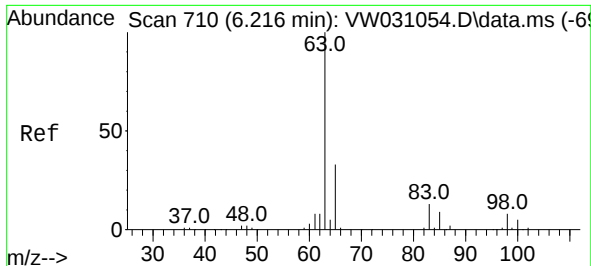
Ion Ratio Lower Upper

73 100

43 18.3 16.2 24.2

57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 25.540 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

ClientSampleId :

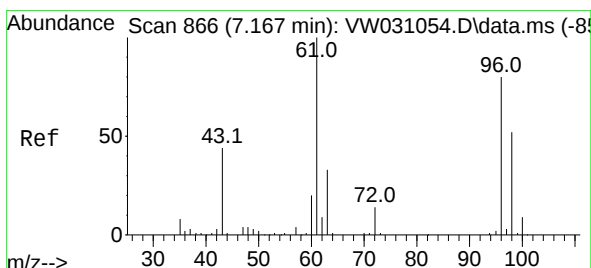
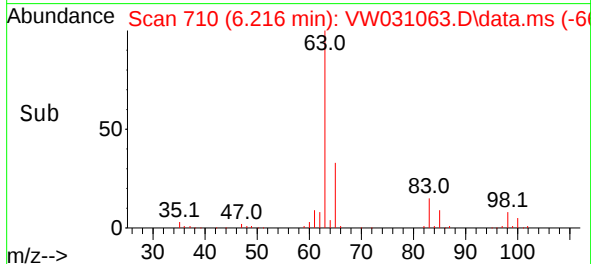
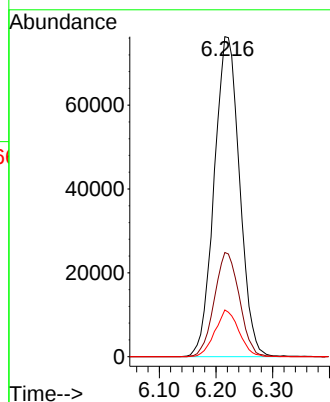
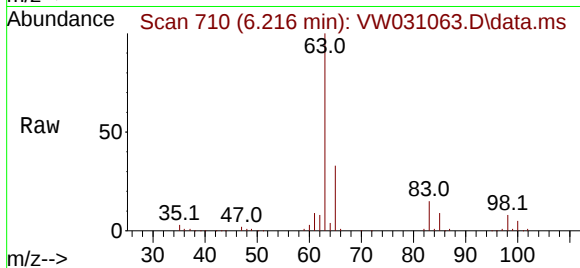
Tgt Ion: 63 Resp: 236957

Ion Ratio Lower Upper

63 100

65 32.6 23.0 42.8

83 14.6 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 27.468 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

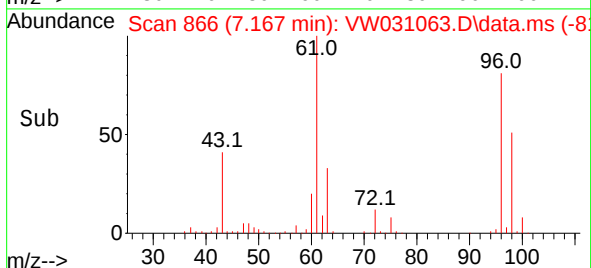
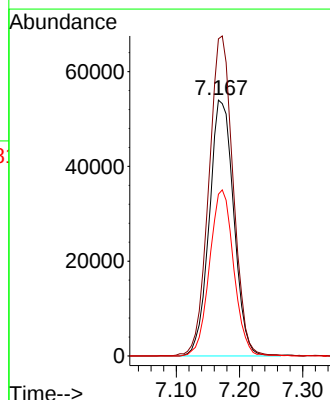
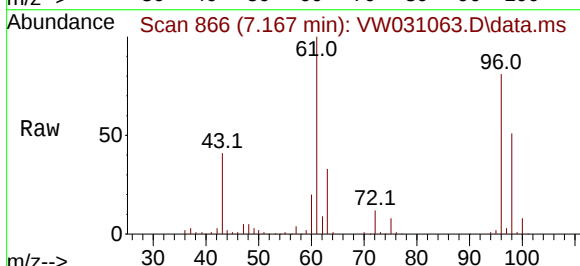
Tgt Ion: 96 Resp: 144875

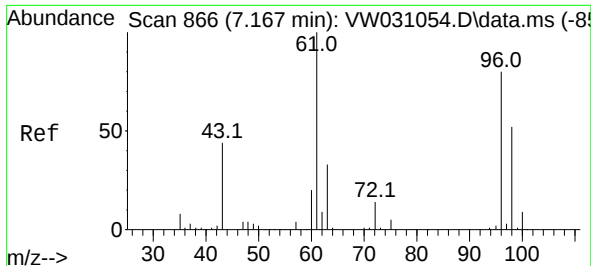
Ion Ratio Lower Upper

96 100

61 124.0 89.2 165.8

98 63.2 45.1 83.9





#22

2-Butanone

Concen: 61.237 ug/L

RT: 7.173 min Scan# 866

Delta R.T. 0.006 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

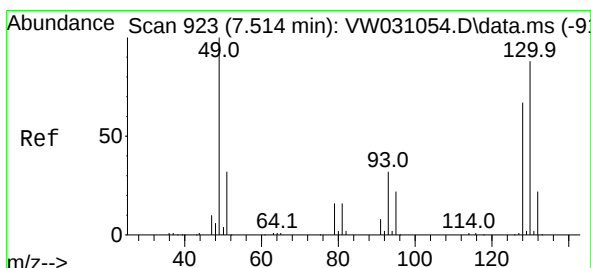
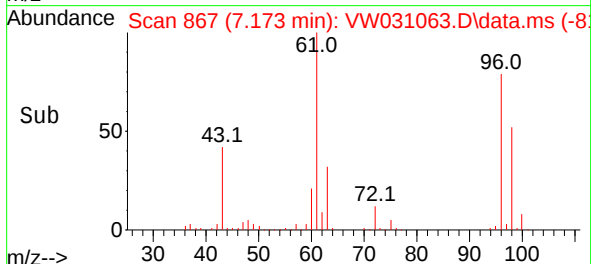
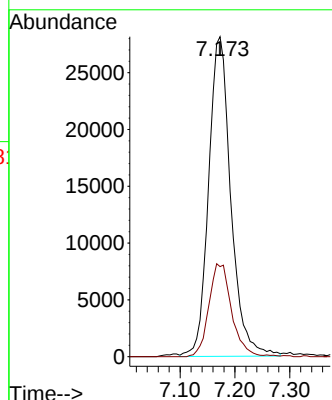
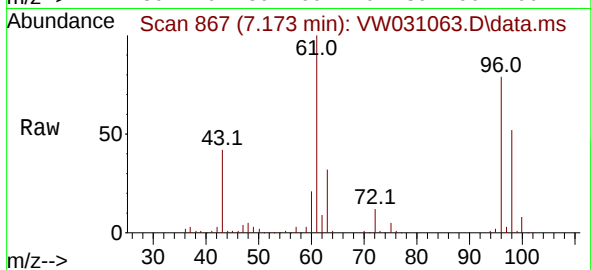
ClientSampleId :

Tgt Ion: 43 Resp: 79262

Ion Ratio Lower Upper

43 100

72 29.5 14.5 43.6



#23

Bromochloromethane

Concen: 28.496 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Tgt Ion: 128 Resp: 65822

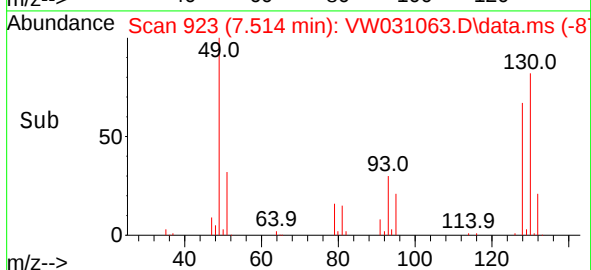
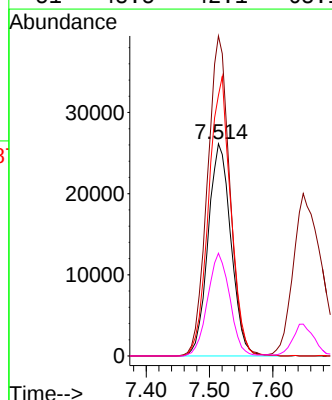
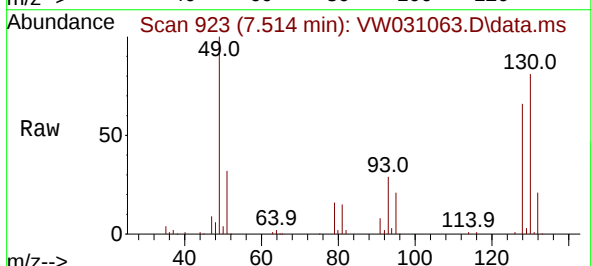
Ion Ratio Lower Upper

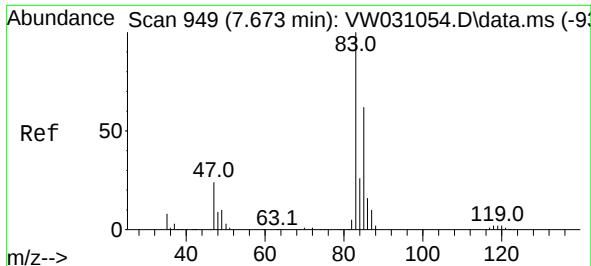
128 100

49 150.9 112.4 208.8

130 122.9 86.2 160.0

51 48.5 42.1 63.1





#25

Chloroform

Concen: 25.984 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

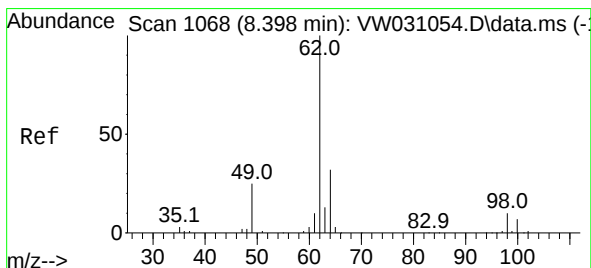
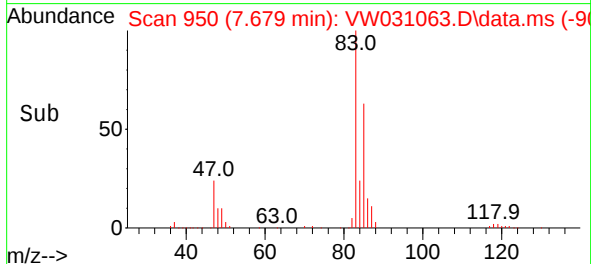
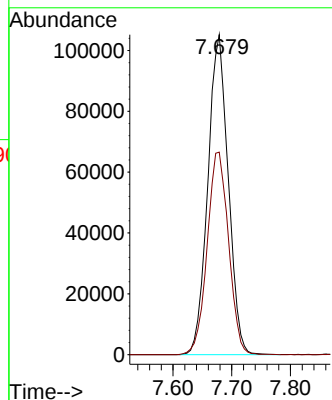
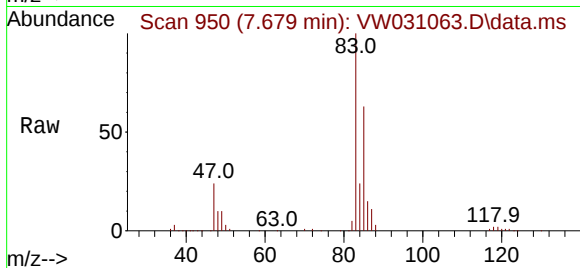
ClientSampleId :

Tgt Ion: 83 Resp: 253653

Ion Ratio Lower Upper

83 100

85 63.3 47.2 87.6



#27

1,2-Dichloroethane

Concen: 24.986 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031063.D

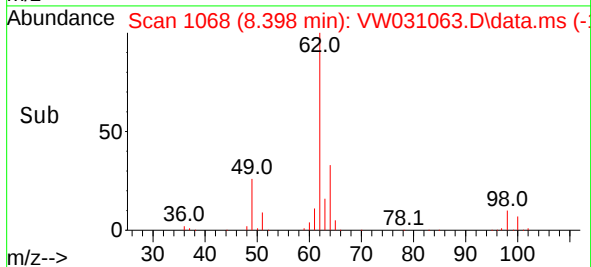
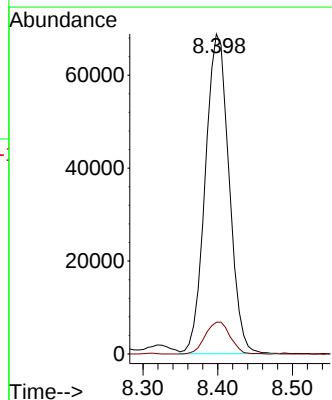
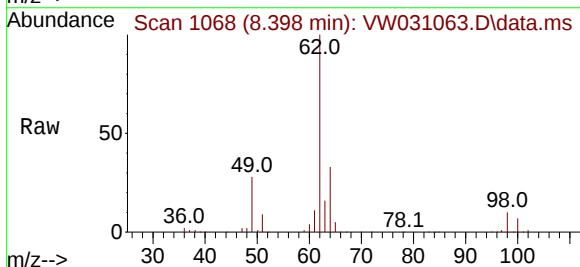
Acq: 19 Nov 2024 17:01

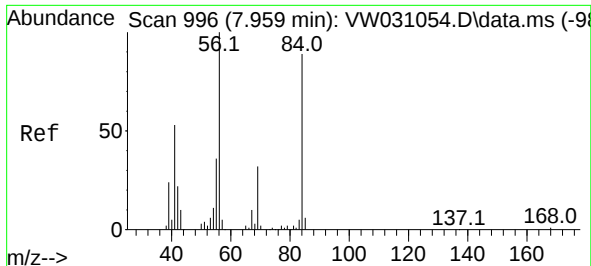
Tgt Ion: 62 Resp: 151904

Ion Ratio Lower Upper

62 100

98 9.9 7.1 10.7





#29

Cyclohexane

Concen: 23.990 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

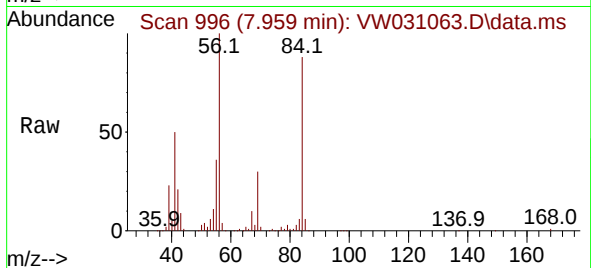
Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

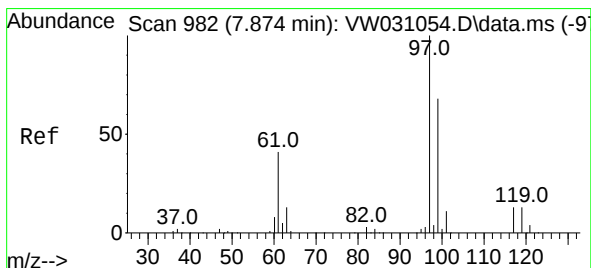
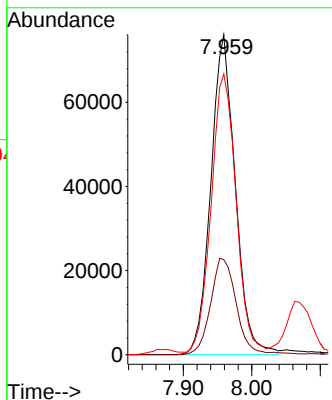
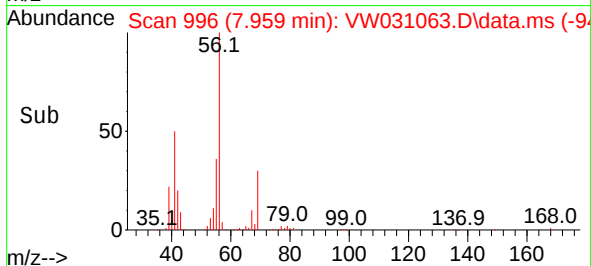
ClientSampleId :



Tgt Ion: 56 Resp: 188187

Ion Ratio Lower Upper

56	100		
69	31.3	24.8	37.2
84	88.2	69.5	104.3



#30

1,1,1-Trichloroethane

Concen: 24.842 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

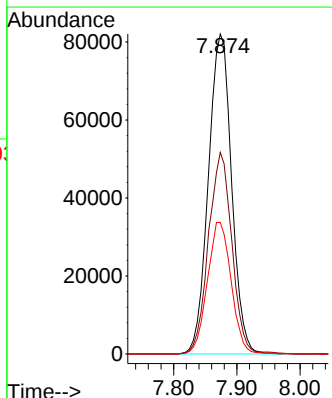
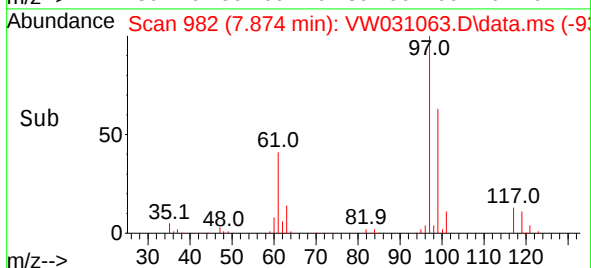
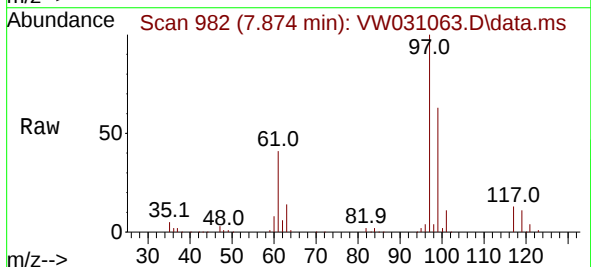
Lab File: VW031063.D

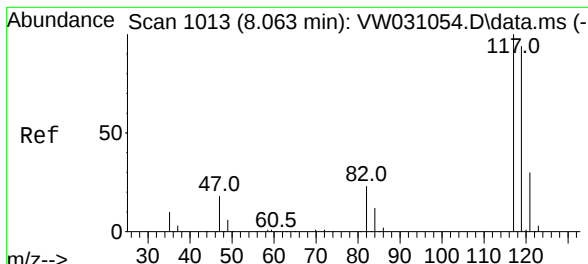
Acq: 19 Nov 2024 17:01

Tgt Ion: 97 Resp: 208883

Ion Ratio Lower Upper

97	100		
99	63.4	51.3	76.9
61	42.1	36.2	54.4

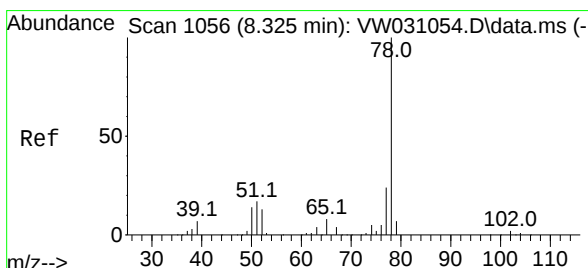
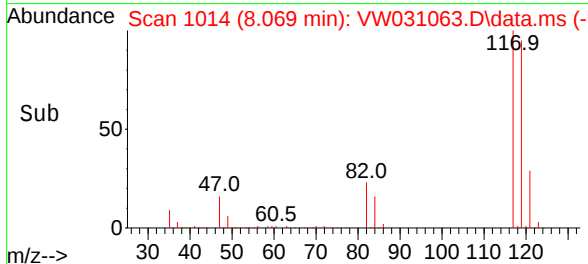
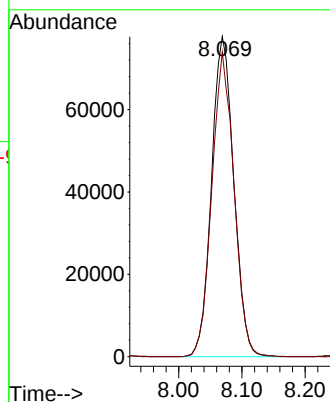
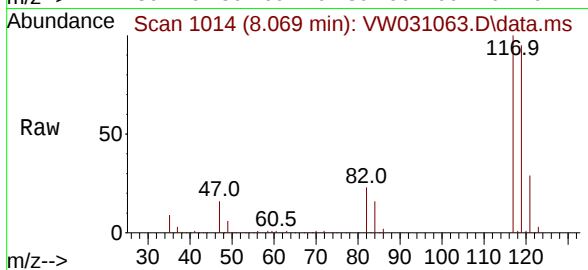




#31
Carbon tetrachloride
Concen: 25.148 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

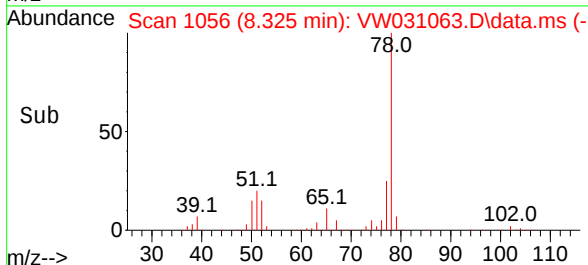
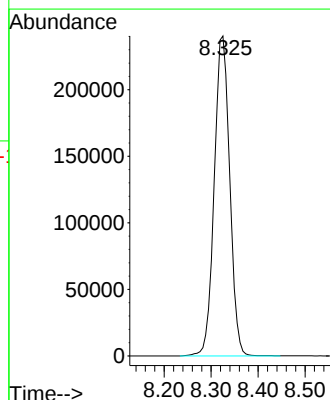
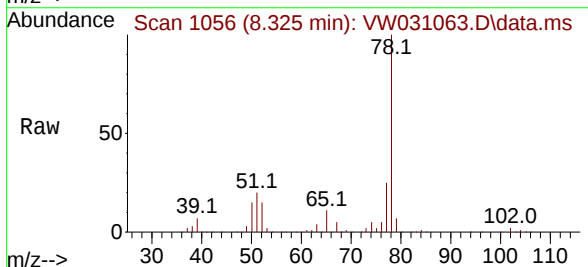
Instrument :
MSVOA_W
ClientSampleId :

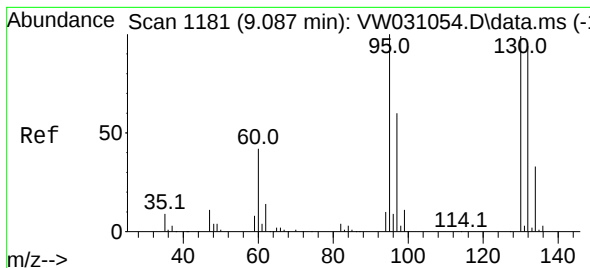
Tgt Ion:117 Resp: 190008
Ion Ratio Lower Upper
117 100
119 94.2 76.2 114.2



#33
Benzene
Concen: 26.020 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

Tgt Ion: 78 Resp: 548973





#34

Trichloroethene

Concen: 25.162 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 146388

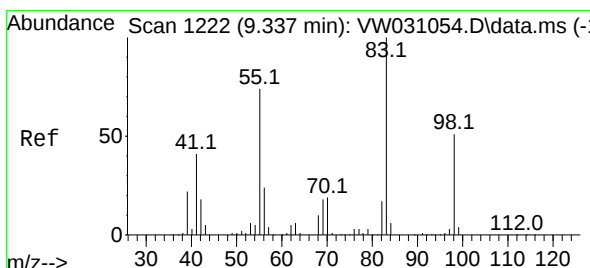
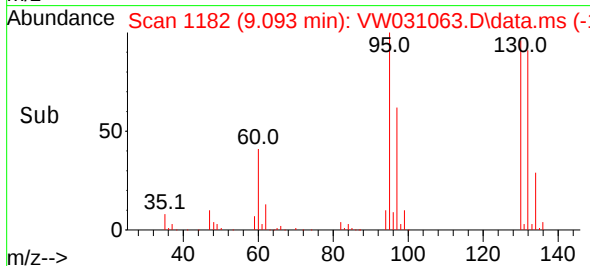
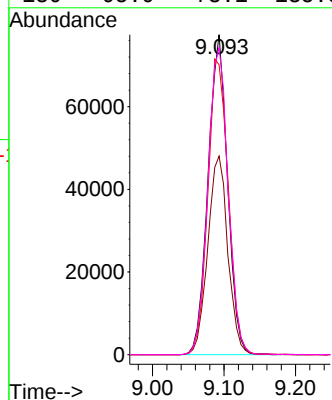
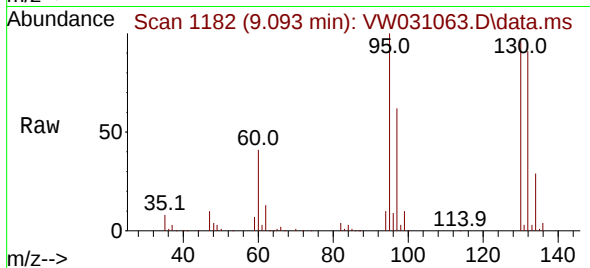
Ion Ratio Lower Upper

95 100

97 62.1 48.9 90.7

132 90.6 67.7 125.7

130 95.9 73.1 135.8



#35

Methylcyclohexane

Concen: 25.209 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

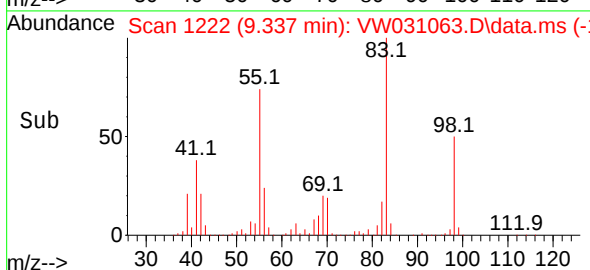
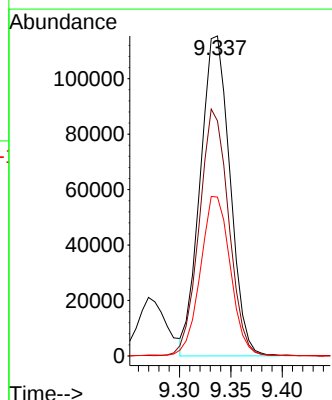
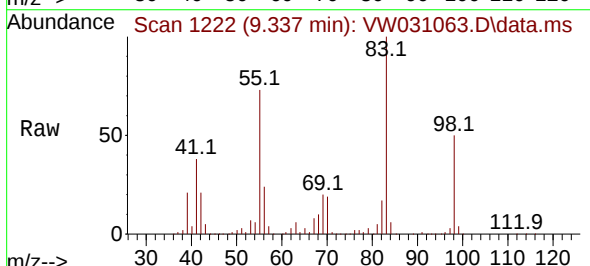
Tgt Ion: 83 Resp: 232454

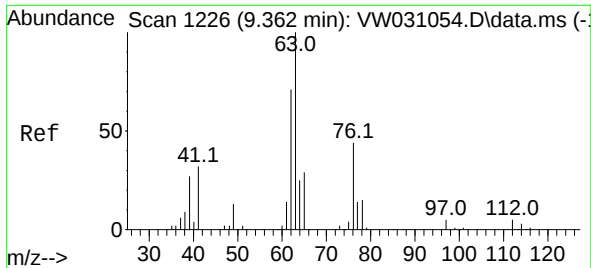
Ion Ratio Lower Upper

83 100

55 76.3 62.8 94.2

98 50.2 39.4 59.2





#37

1,2-Dichloropropane

Concen: 26.478 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

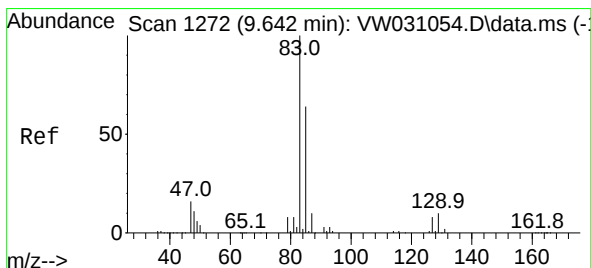
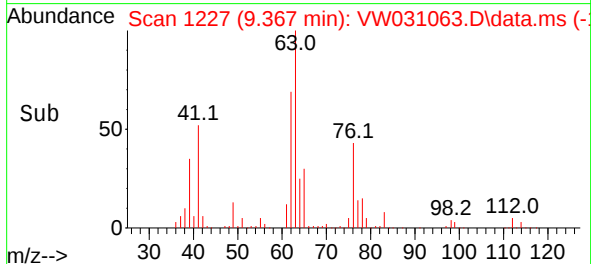
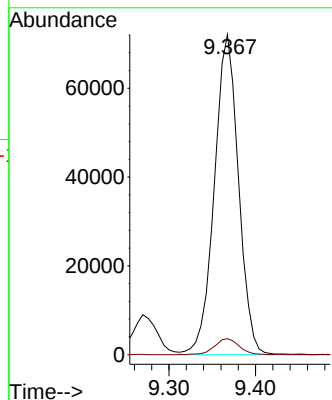
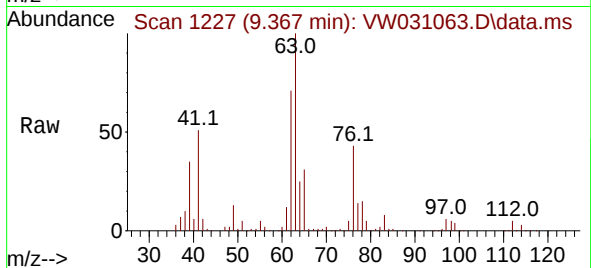
ClientSampleId :

Tgt Ion: 63 Resp: 139617

Ion Ratio Lower Upper

63 100

112 5.1 3.5 5.3



#38

Bromodichloromethane

Concen: 26.067 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

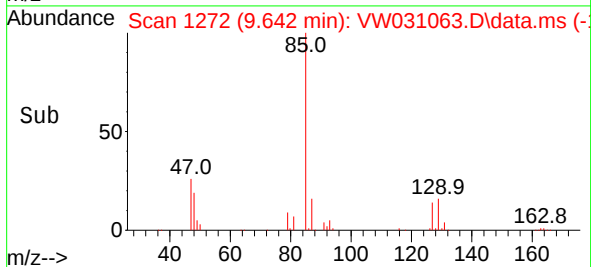
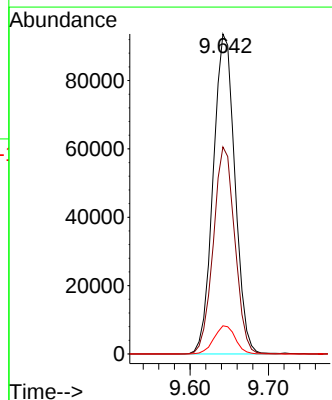
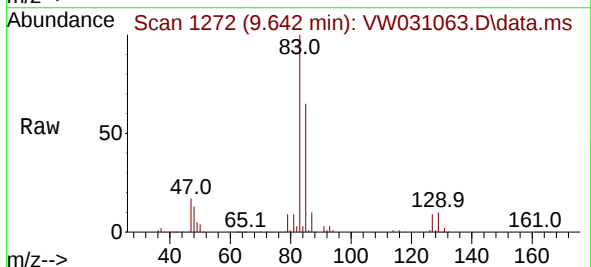
Tgt Ion: 83 Resp: 180502

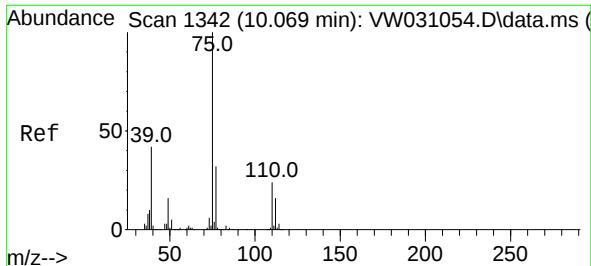
Ion Ratio Lower Upper

83 100

85 64.7 44.1 81.9

127 8.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 26.971 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

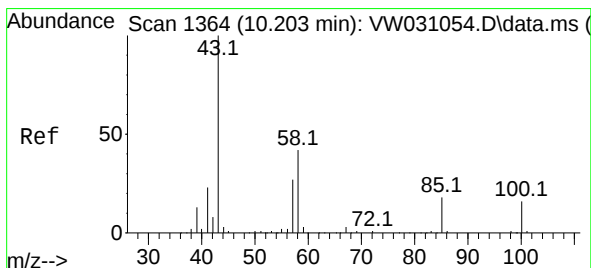
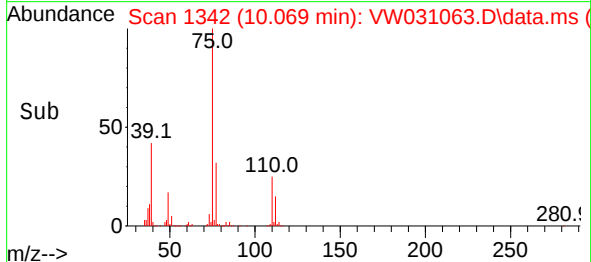
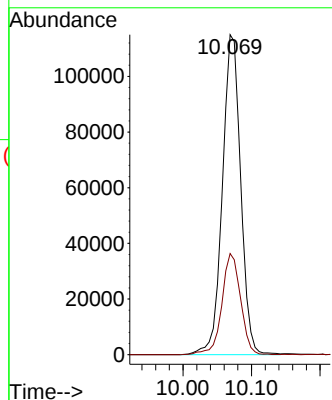
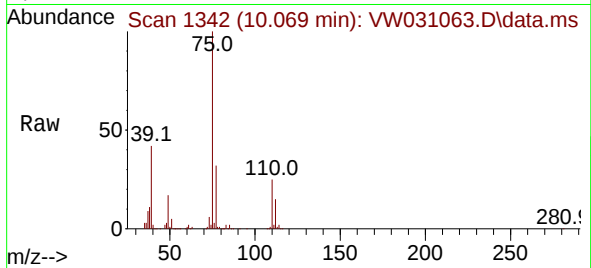
ClientSampleId :

Tgt Ion: 75 Resp: 212740

Ion Ratio Lower Upper

75 100

77 31.6 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 54.824 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

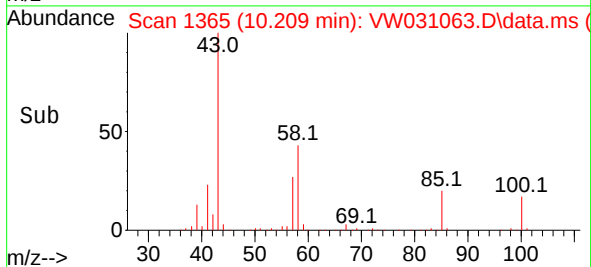
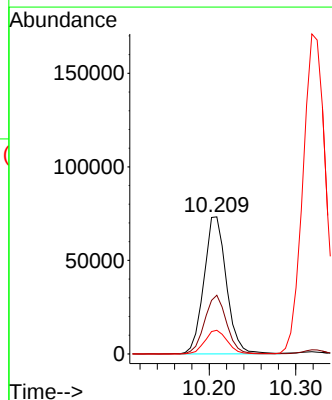
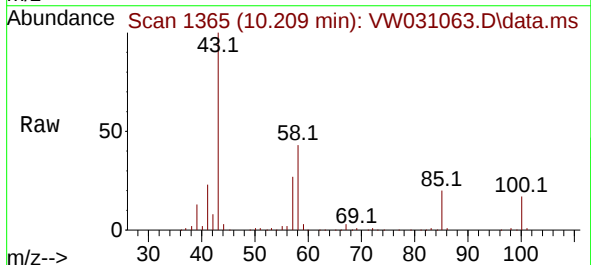
Tgt Ion: 43 Resp: 132201

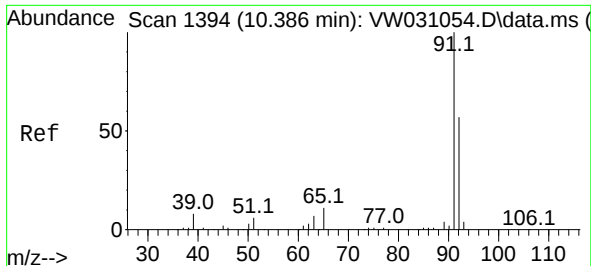
Ion Ratio Lower Upper

43 100

58 42.1 32.2 48.4

100 17.2 13.3 19.9

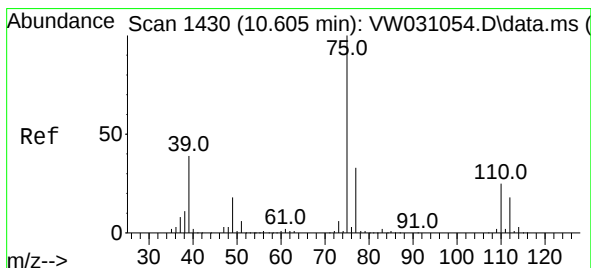
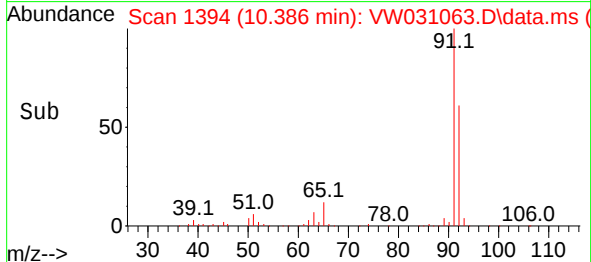
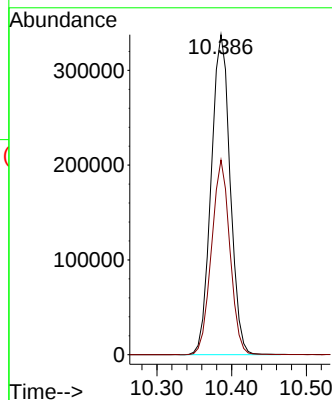
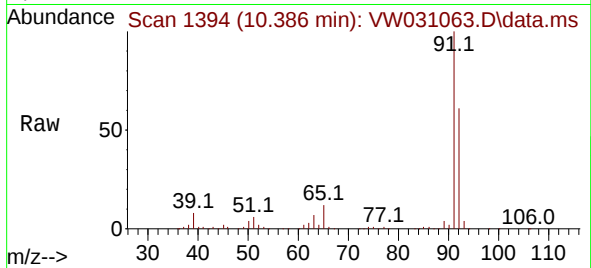




#42
Toluene
Concen: 26.741 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

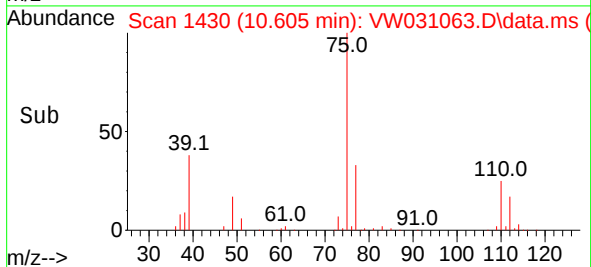
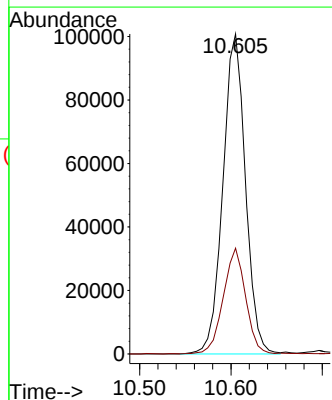
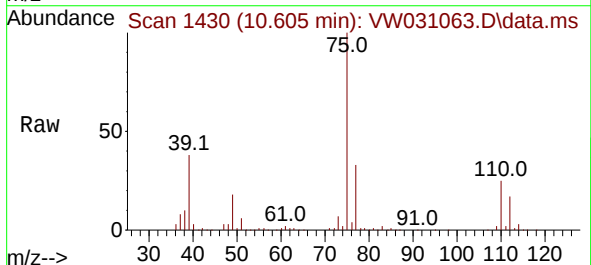
Instrument :
MSVOA_W
ClientSampleId :

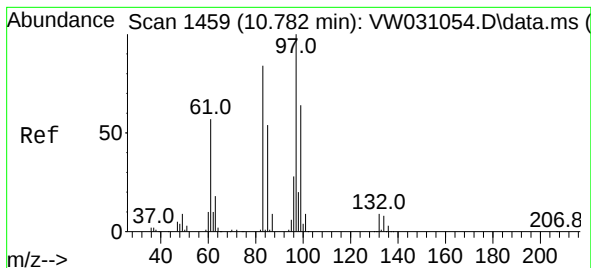
Tgt Ion: 91 Resp: 597449
Ion Ratio Lower Upper
91 100
92 60.8 39.4 73.2



#44
trans-1,3-Dichloropropene
Concen: 26.386 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

Tgt Ion: 75 Resp: 172906
Ion Ratio Lower Upper
75 100
77 33.0 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 27.647 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 104636

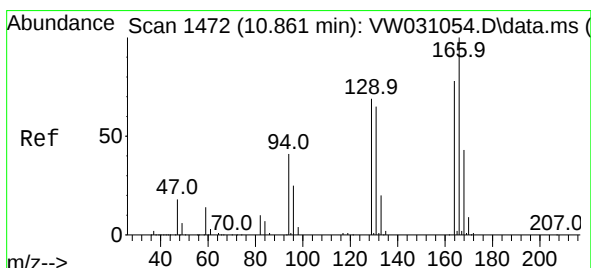
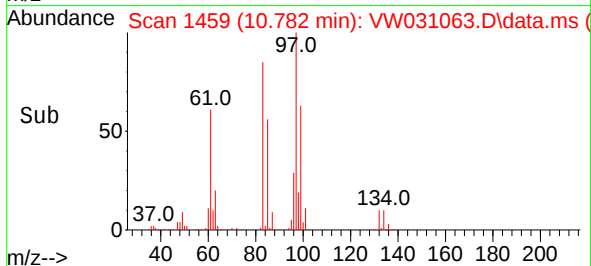
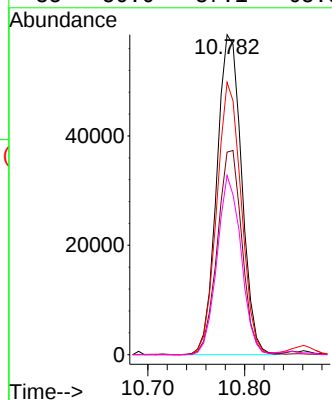
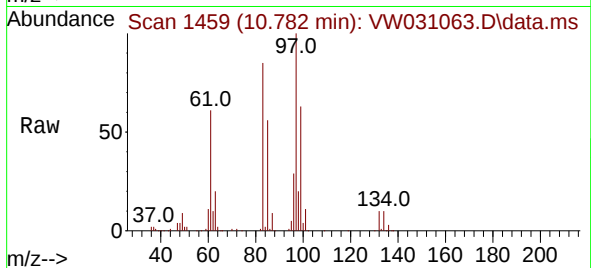
Ion Ratio Lower Upper

97 100

99 63.3 42.8 79.4

83 85.1 60.6 112.6

85 56.0 37.1 68.9



#46

Tetrachloroethene

Concen: 26.540 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Tgt Ion:164 Resp: 118041

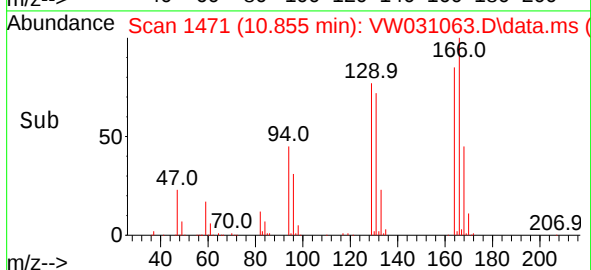
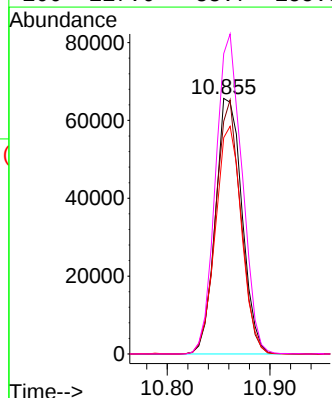
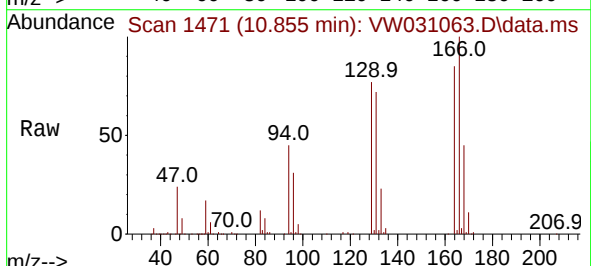
Ion Ratio Lower Upper

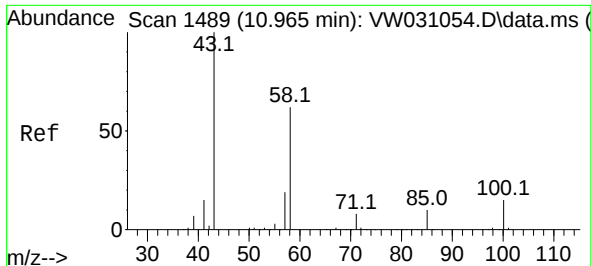
164 100

129 91.1 71.1 132.1

131 84.7 62.6 116.3

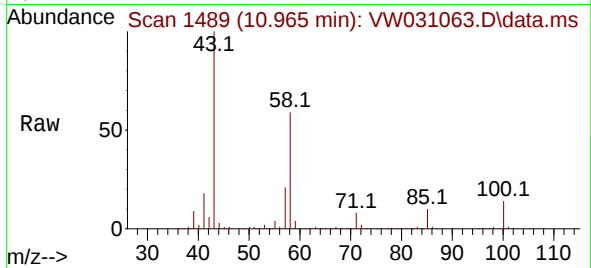
166 117.6 83.7 155.5



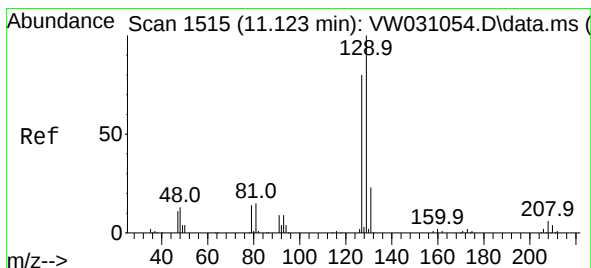
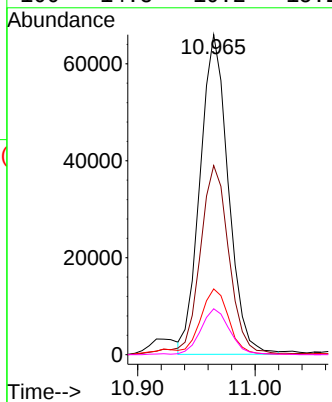
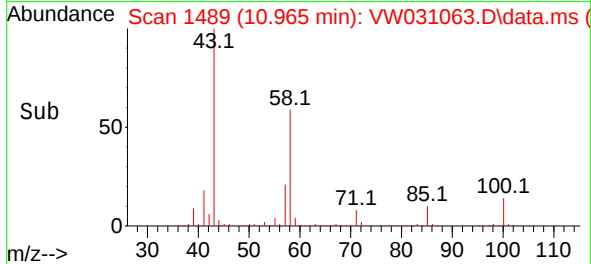


#48
2-Hexanone
Concen: 60.045 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

Instrument :
MSVOA_W
ClientSampleId :

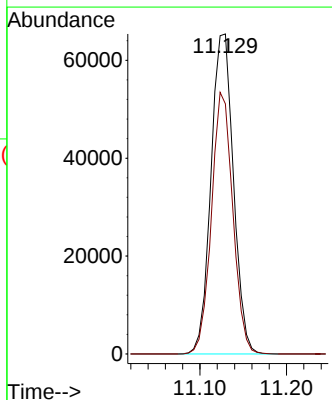
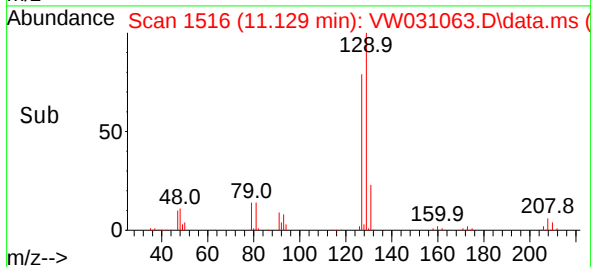
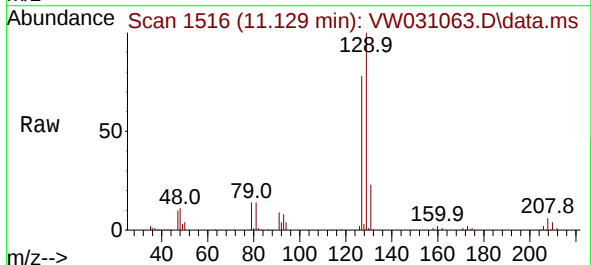


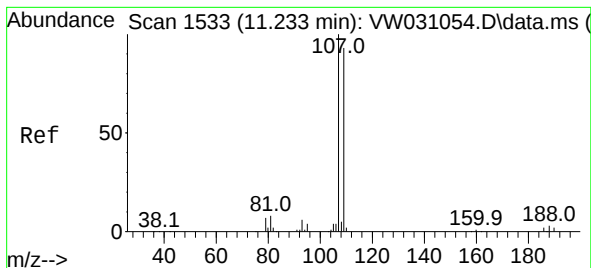
Tgt Ion:	43	Resp:	110158
Ion Ratio	Lower	Upper	
43	100		
58	60.2	43.8	65.8
57	20.6	15.4	23.2
100	14.8	10.2	15.2



#49
Dibromochloromethane
Concen: 28.575 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

Tgt Ion:	129	Resp:	117916
Ion Ratio	Lower	Upper	
129	100		
127	78.1	52.1	96.7





#50

1,2-Dibromoethane

Concen: 28.340 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW031063.D

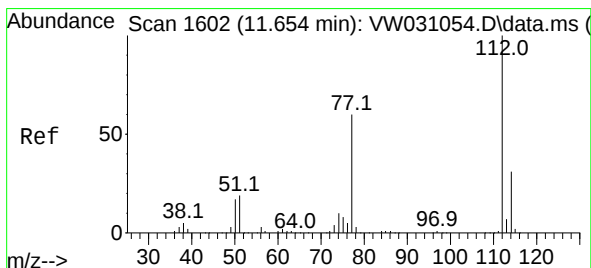
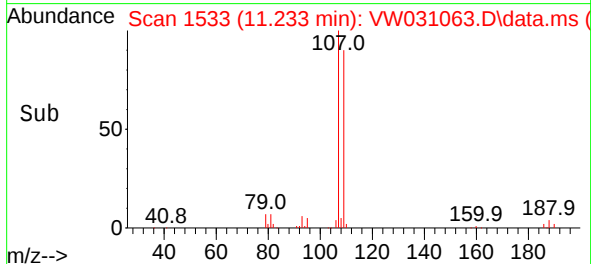
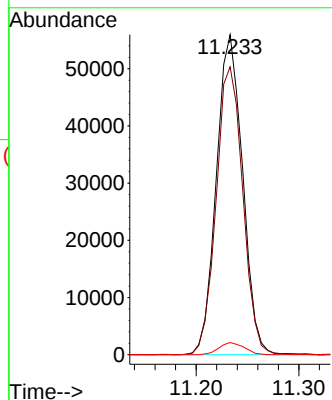
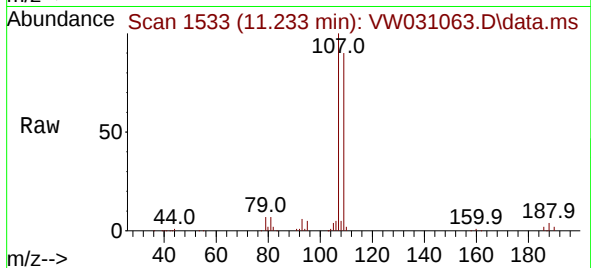
Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	98914
Ion	Ratio	Lower Upper
107	100	
109	89.9	64.3 119.3
188	3.8	2.7 4.1



#51

Chlorobenzene

Concen: 26.665 ug/L

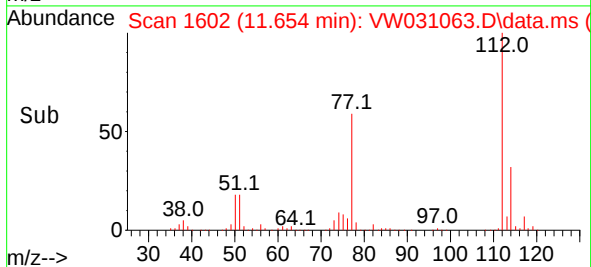
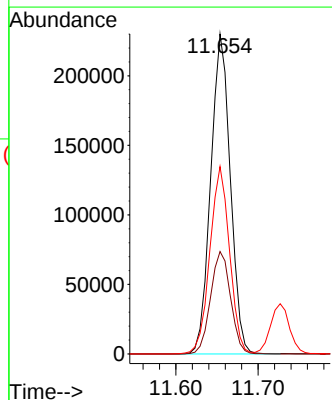
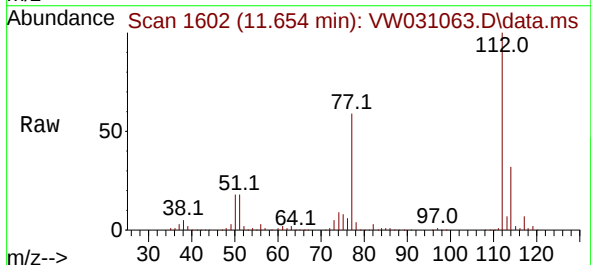
RT: 11.654 min Scan# 1602

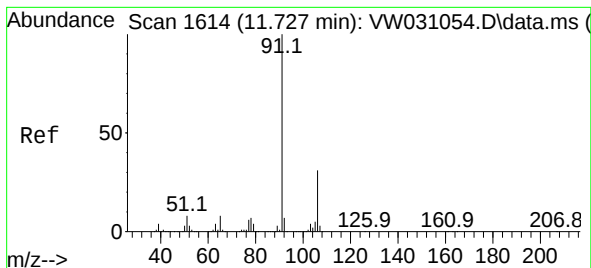
Delta R.T. -0.000 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Tgt Ion:112	Resp:	381276
Ion	Ratio	Lower Upper
112	100	
114	32.0	21.9 40.7
77	58.6	45.3 67.9

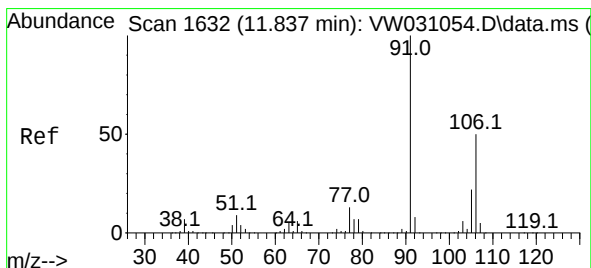
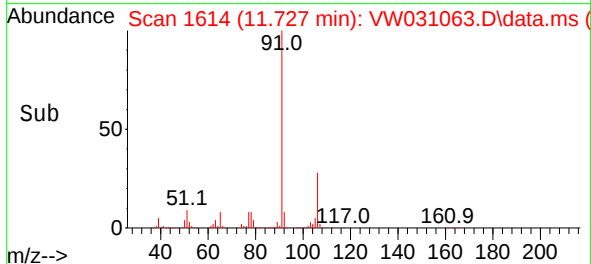
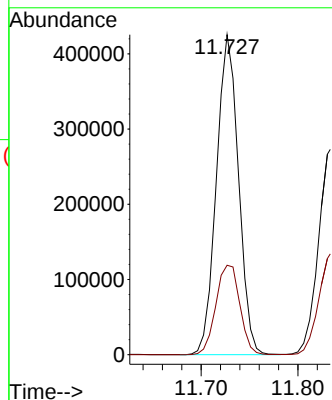
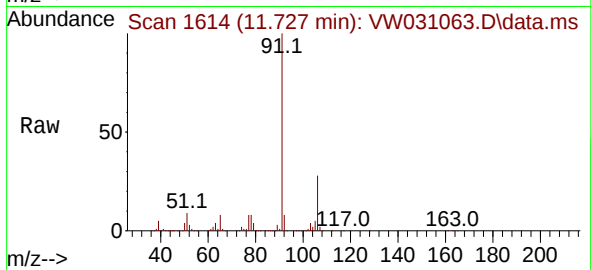




#52
Ethylbenzene
Concen: 26.730 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

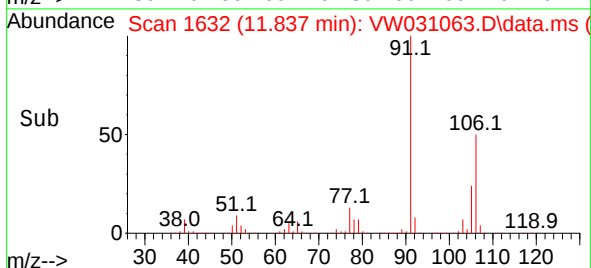
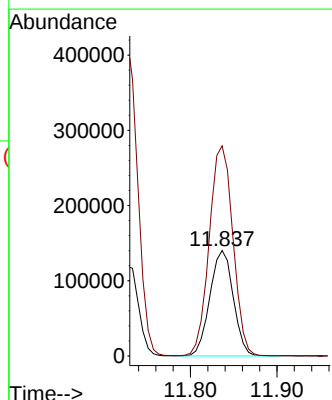
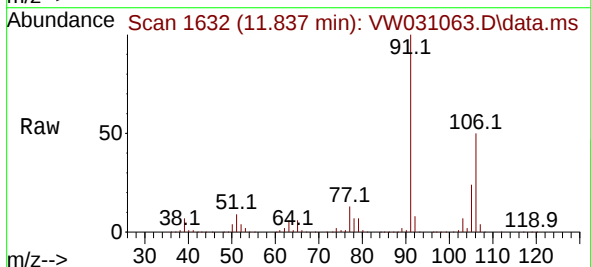
Instrument :
MSVOA_W
ClientSampleId :

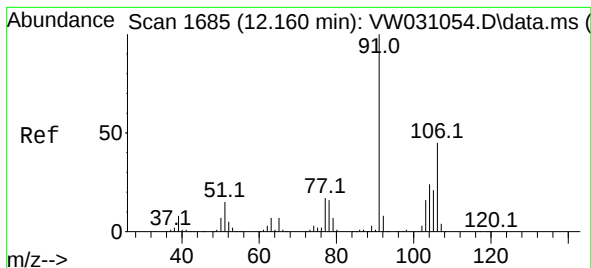
Tgt Ion: 91 Resp: 674792
Ion Ratio Lower Upper
91 100
106 28.0 21.6 40.0



#53
m,p-Xylene
Concen: 27.722 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

Tgt Ion:106 Resp: 263206
Ion Ratio Lower Upper
106 100
91 199.2 140.7 261.3





#54

o-Xylene

Concen: 27.770 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

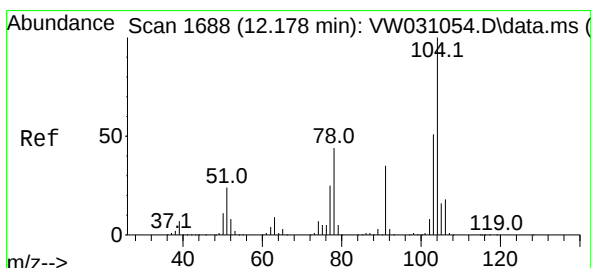
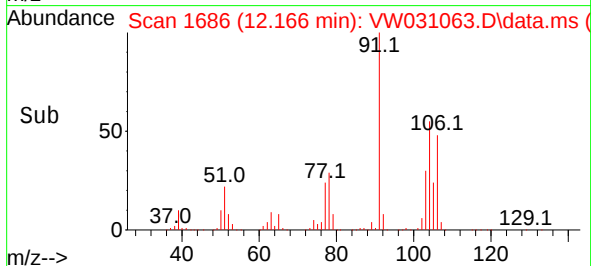
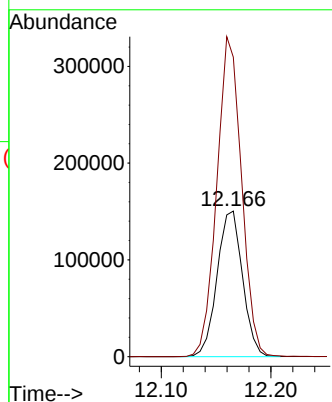
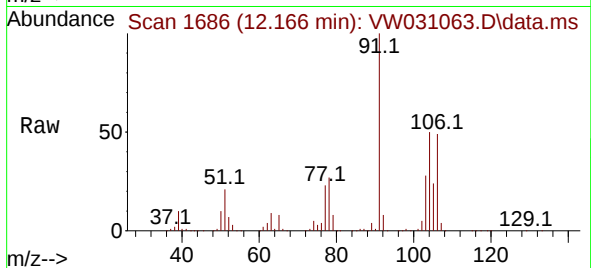
ClientSampleId :

Tgt Ion:106 Resp: 242604

Ion Ratio Lower Upper

106 100

91 205.8 149.9 278.3



#55

Styrene

Concen: 28.918 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW031063.D

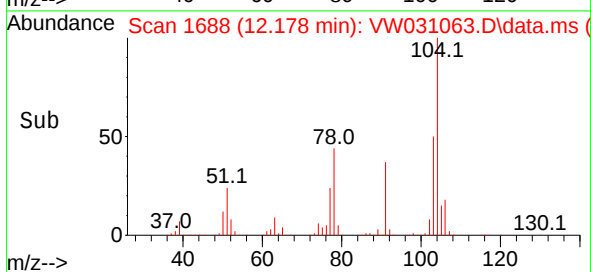
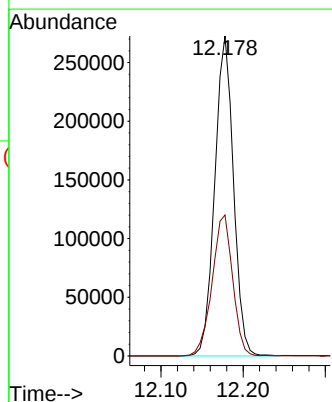
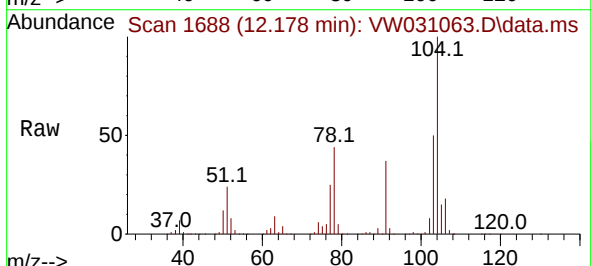
Acq: 19 Nov 2024 17:01

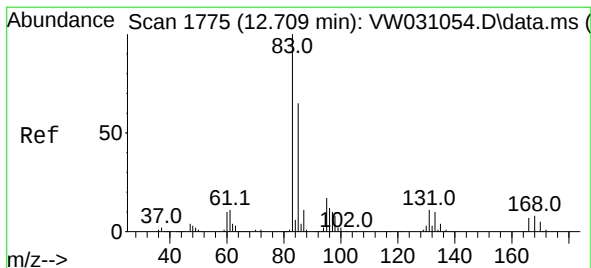
Tgt Ion:104 Resp: 431649

Ion Ratio Lower Upper

104 100

78 44.0 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 28.645 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

ClientSampleId :

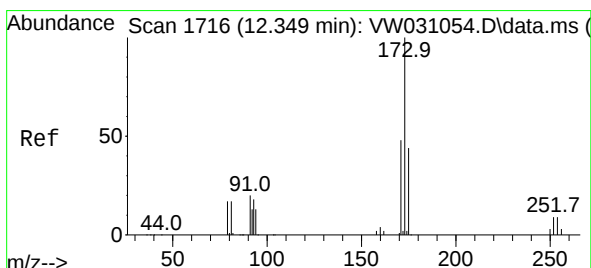
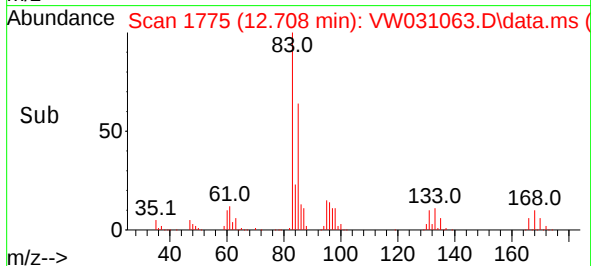
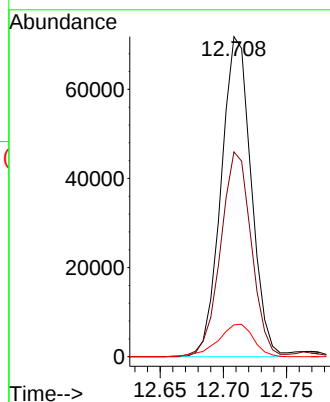
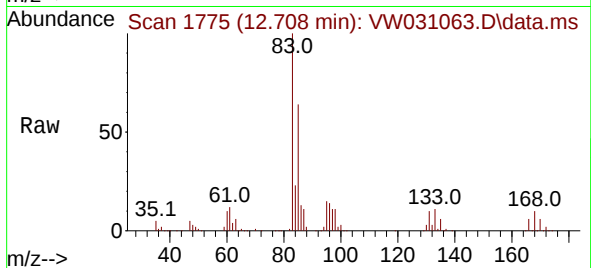
Tgt Ion: 83 Resp: 118316

Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.7

131 10.0 7.7 11.5



#59

Bromoform

Concen: 27.288 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

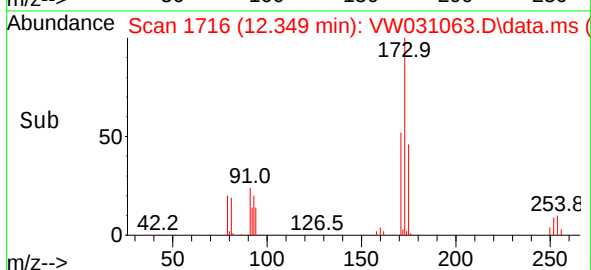
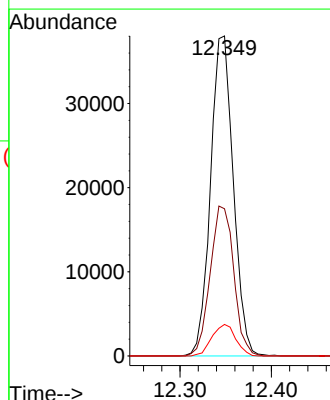
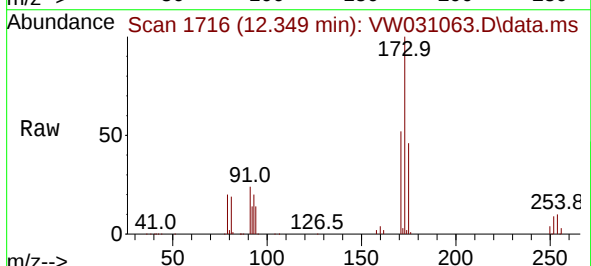
Tgt Ion:173 Resp: 65721

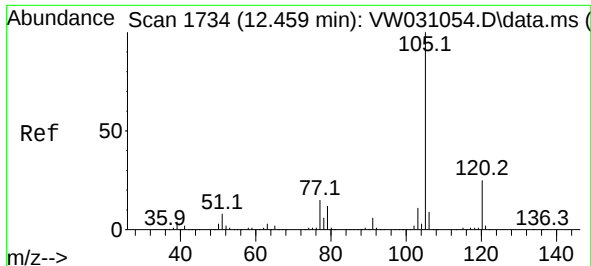
Ion Ratio Lower Upper

173 100

175 48.5 39.3 58.9

254 10.3 7.8 11.6

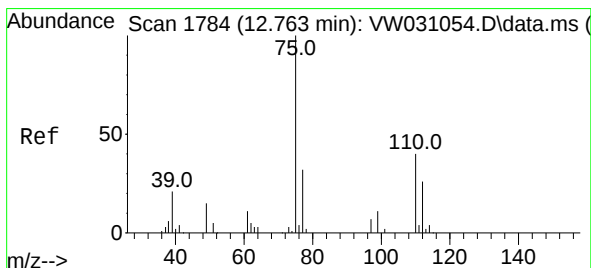
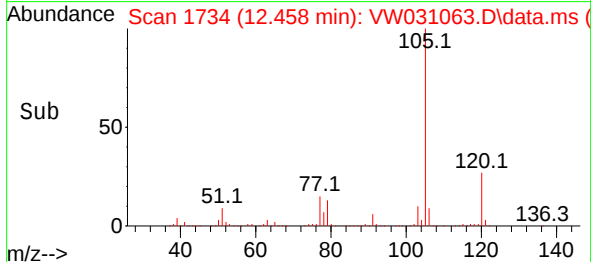
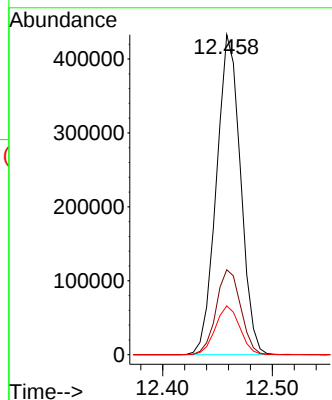
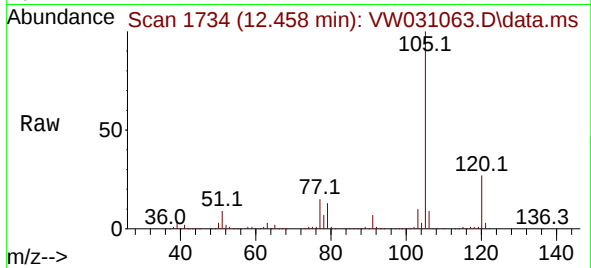




#60
Isopropylbenzene
Concen: 25.717 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

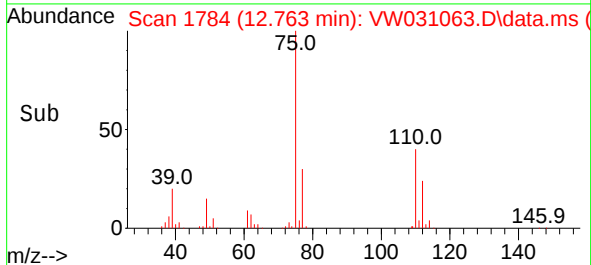
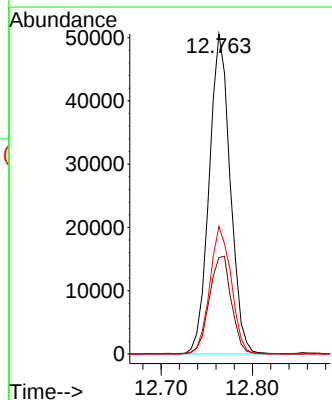
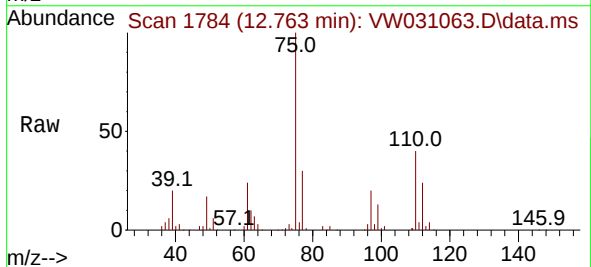
Instrument :
MSVOA_W
ClientSampleId :

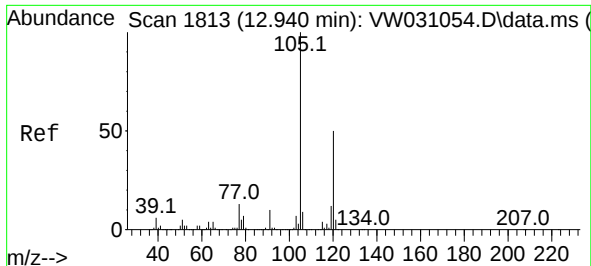
Tgt Ion:105 Resp: 661654
Ion Ratio Lower Upper
105 100
120 27.0 20.6 31.0
77 15.4 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 25.678 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

Tgt Ion: 75 Resp: 81202
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 40.4 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 26.934 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

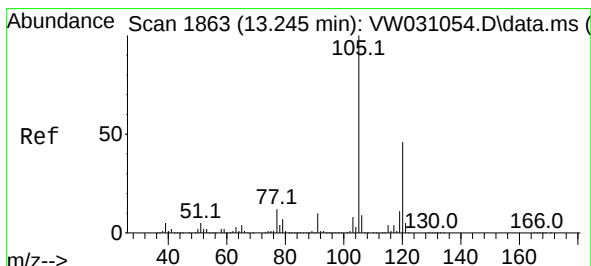
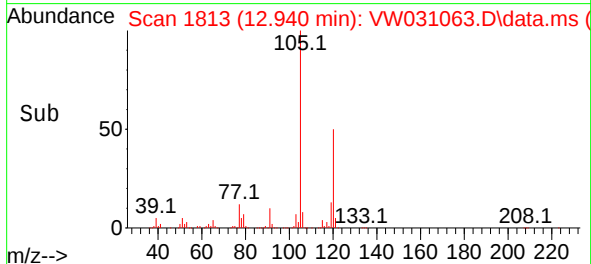
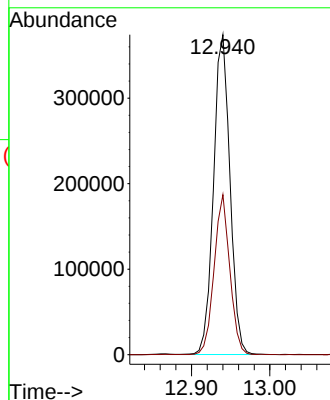
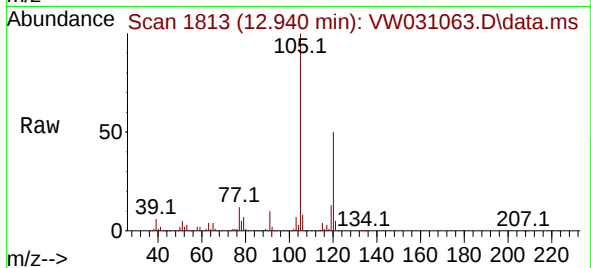
ClientSampleId :

Tgt Ion:105 Resp: 545613

Ion Ratio Lower Upper

105 100

120 47.6 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 26.269 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW031063.D

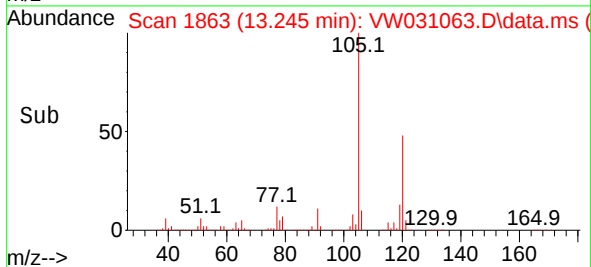
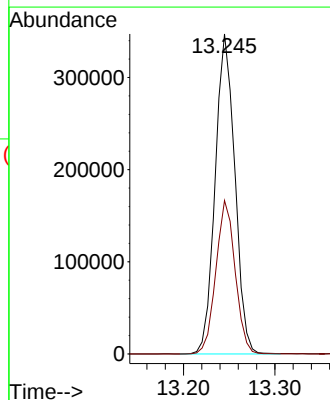
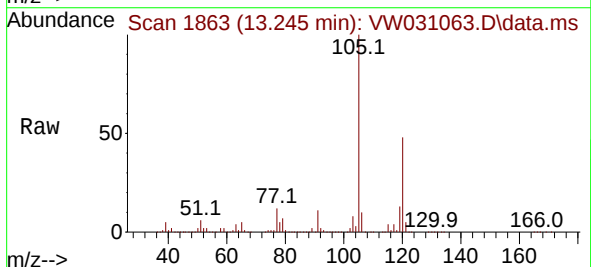
Acq: 19 Nov 2024 17:01

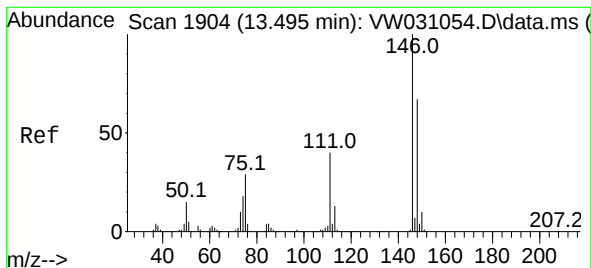
Tgt Ion:105 Resp: 518226

Ion Ratio Lower Upper

105 100

120 47.1 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 26.852 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

ClientSampleId :

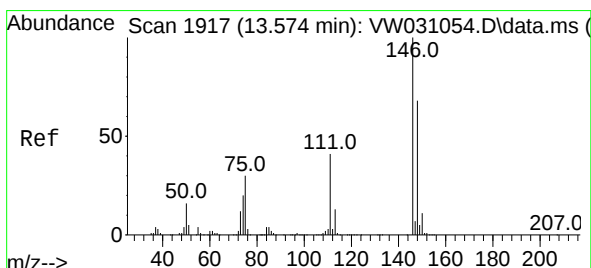
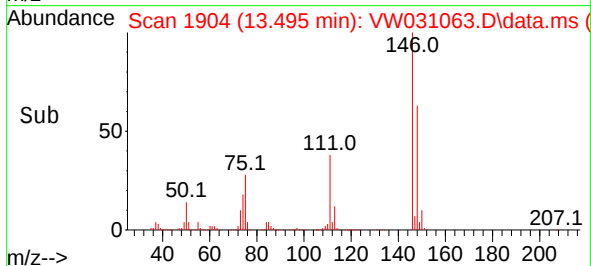
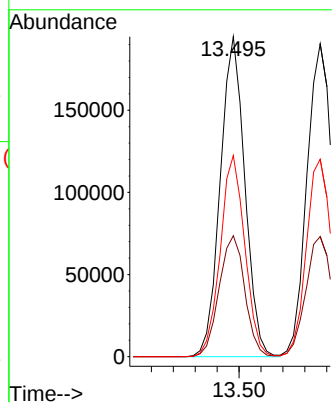
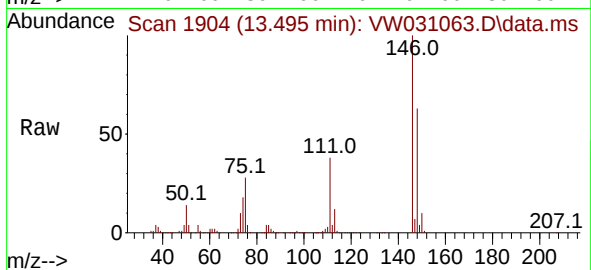
Tgt Ion:146 Resp: 303351

Ion Ratio Lower Upper

146 100

111 37.8 26.8 49.8

148 62.8 41.8 77.6



#65

1,4-Dichlorobenzene

Concen: 26.573 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

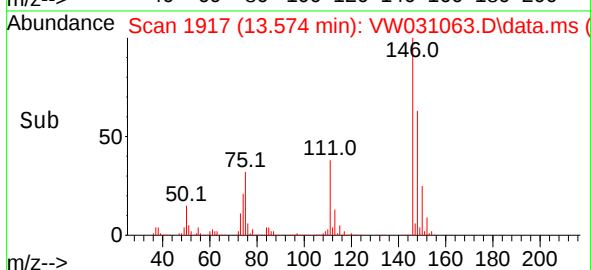
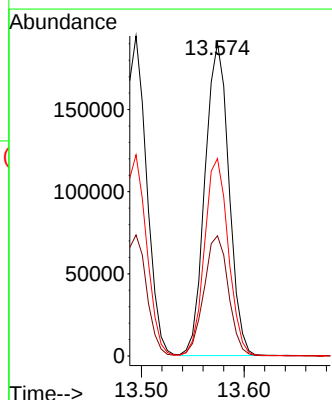
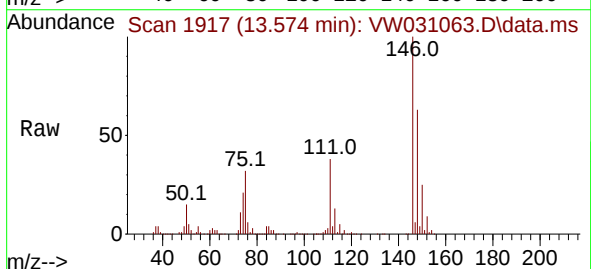
Tgt Ion:146 Resp: 308197

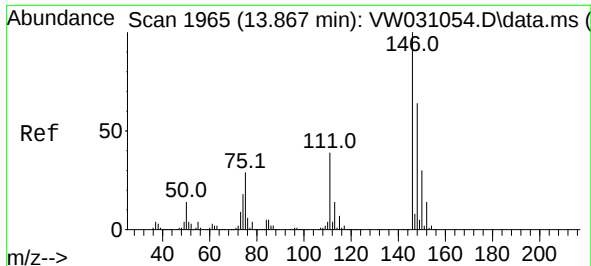
Ion Ratio Lower Upper

146 100

111 38.4 27.6 51.4

148 63.1 41.6 77.2

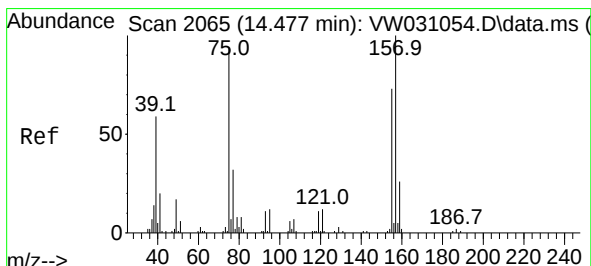
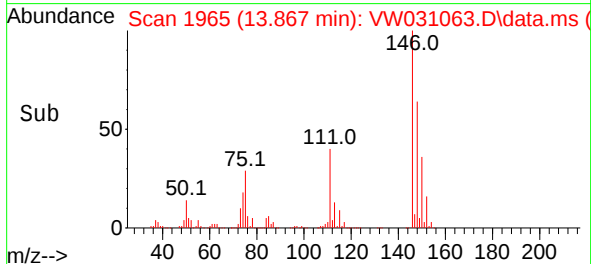
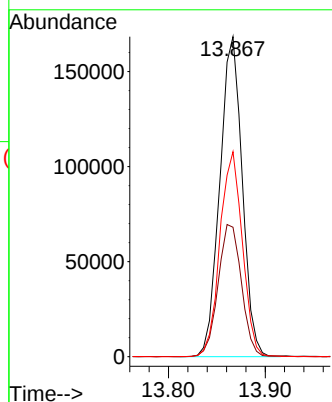
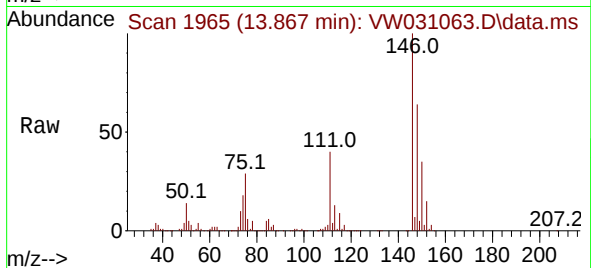




#67
1,2-Dichlorobenzene
Concen: 26.845 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

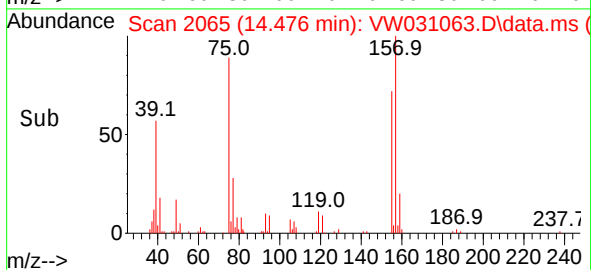
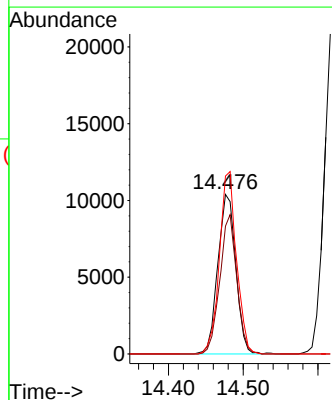
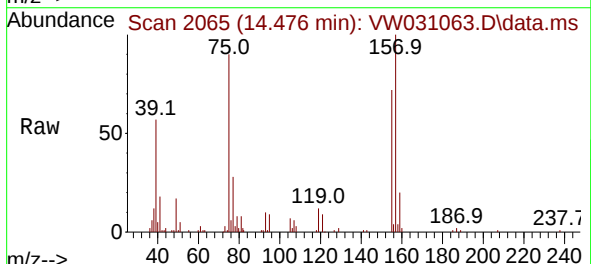
Instrument :
MSVOA_W
ClientSampleId :

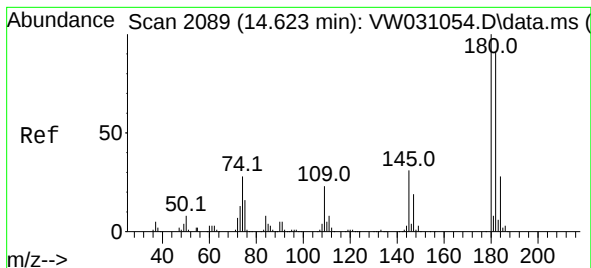
Tgt Ion:146 Resp: 270289
Ion Ratio Lower Upper
146 100
111 40.5 34.3 51.5
148 64.0 48.0 72.0



#68
1,2-Dibromo-3-chloropropane
Concen: 25.936 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031063.D
Acq: 19 Nov 2024 17:01

Tgt Ion: 75 Resp: 17364
Ion Ratio Lower Upper
75 100
155 80.1 56.2 84.2
157 111.4 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 27.089 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 203078

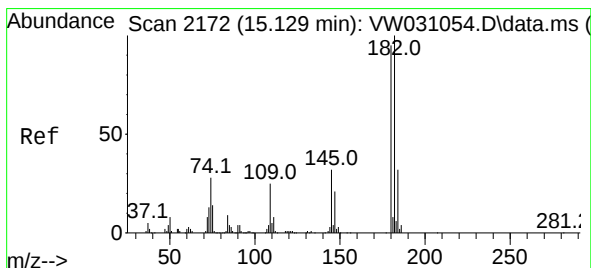
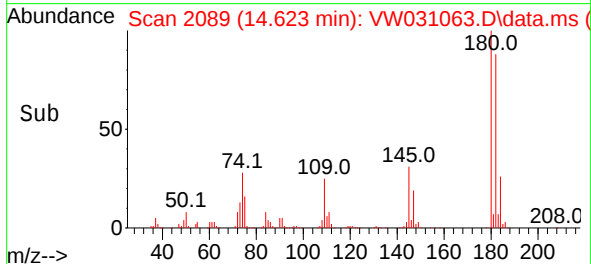
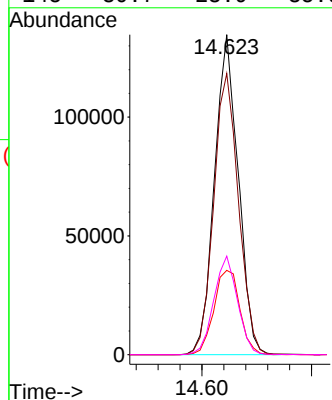
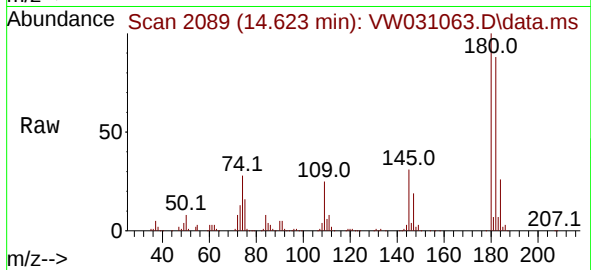
Ion Ratio Lower Upper

180 100

182 91.8 76.6 114.8

184 28.9 23.9 35.9

145 30.7 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 28.238 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

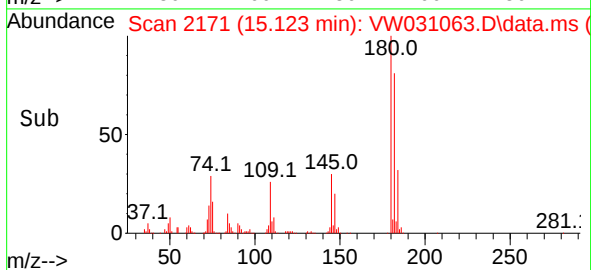
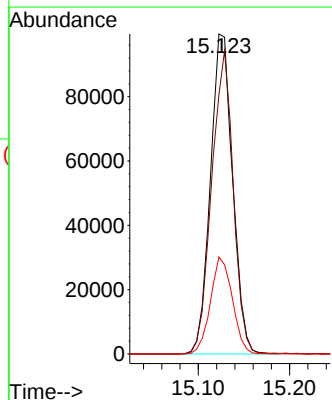
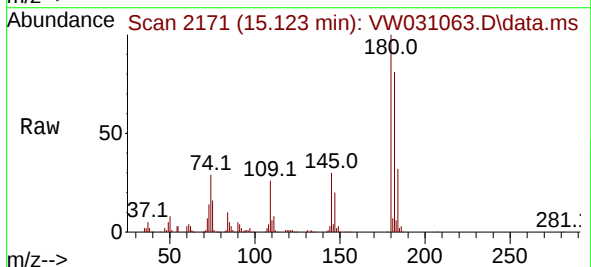
Tgt Ion:180 Resp: 168090

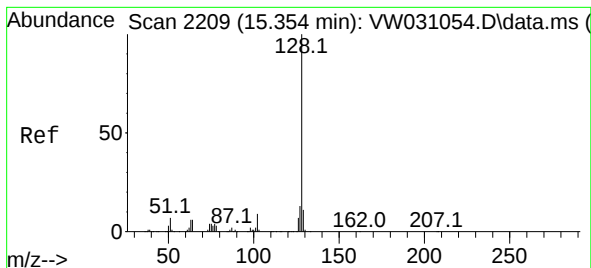
Ion Ratio Lower Upper

180 100

182 92.0 74.5 111.7

145 29.9 24.2 36.2





#71

Naphthalene

Concen: 30.068 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Instrument :

MSVOA_W

ClientSampleId :

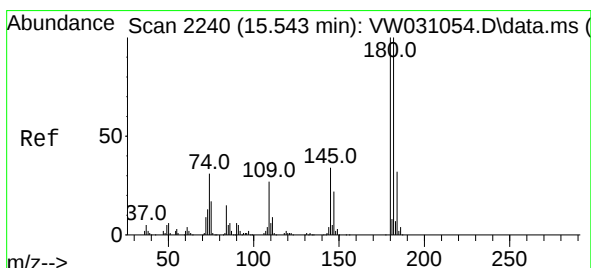
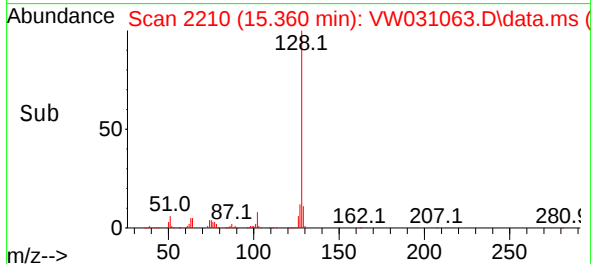
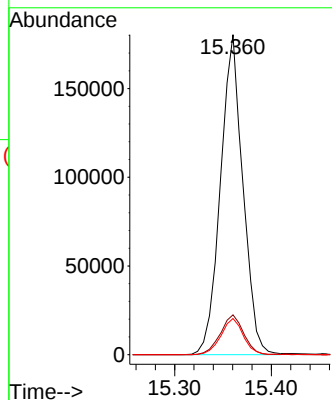
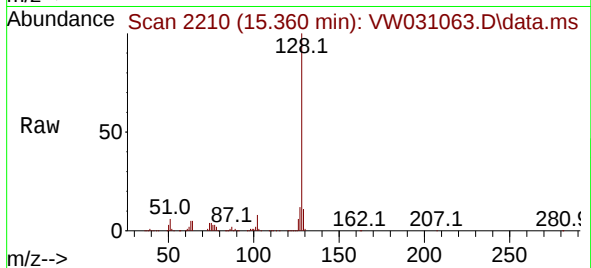
Tgt Ion:128 Resp: 290159

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.3 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 29.723 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW031063.D

Acq: 19 Nov 2024 17:01

Tgt Ion:180 Resp: 152484

Ion Ratio Lower Upper

180 100

182 95.6 79.2 118.8

145 32.5 27.0 40.6

