

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030902.D
 Acq On : 04 Nov 2024 11:27
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 00:10:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:08:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	467544	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	426100	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	201187	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	369371	48.169	ug/L	0.00
7) Chloroethane-d5	2.899	69	296861	50.477	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	162242	51.276	ug/L	0.00
21) 2-Butanone-d5	7.075	46	142740	114.201	ug/L	0.00
24) Chloroform-d	7.648	84	731858	53.097	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	363211	53.000	ug/L	0.00
32) Benzene-d6	8.276	84	1432041	54.098	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	414105	53.066	ug/L	0.00
41) Toluene-d8	10.325	98	1314195	55.349	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	176324	55.744	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	123954	122.563	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	293455	53.976	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	417092	56.914	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	227421	48.995	ug/L	99
3) Chloromethane	2.229	50	331155	49.348	ug/L	100
5) Vinyl chloride	2.375	62	374411	47.078	ug/L	97
6) Bromomethane	2.783	94	244445	46.811	ug/L	93
8) Chloroethane	2.930	64	232639	48.253	ug/L	97
9) Trichlorofluoromethane	3.265	101	368378	51.407	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	320129	50.045	ug/L	94
12) 1,1-Dichloroethene	4.045	96	309115	51.150	ug/L	99
13) Acetone	4.125	43	154484	104.152	ug/L	100
14) Carbon disulfide	4.387	76	976174	49.137	ug/L	100
15) Methyl Acetate	4.667	43	113405	50.164	ug/L	99
16) Methylene chloride	4.917	84	309919	46.887	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	336877	50.813	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	472056	52.753	ug/L	100
19) 1,1-Dichloroethane	6.216	63	609403	49.258	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	366650	52.131	ug/L	99
22) 2-Butanone	7.167	43	191866	112.067	ug/L	98
23) Bromochloromethane	7.508	128	151172	49.080	ug/L	98
25) Chloroform	7.679	83	634712	48.759	ug/L	95
27) 1,2-Dichloroethane	8.398	62	395085	48.734	ug/L	100
29) Cyclohexane	7.953	56	559828	54.825	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	534603	48.842	ug/L	100
31) Carbon tetrachloride	8.069	117	477071	48.506	ug/L	98
33) Benzene	8.325	78	1373001	49.992	ug/L	100
34) Trichloroethene	9.093	95	372594	49.198	ug/L	93
35) Methylcyclohexane	9.337	83	619141	51.581	ug/L	99
37) 1,2-Dichloropropane	9.368	63	335589	48.892	ug/L	100
38) Bromodichloromethane	9.642	83	445283	49.400	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	553139	53.871	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	337686	108.428	ug/L	100
42) Toluene	10.386	91	1475906	50.748	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	455133	53.356	ug/L	95

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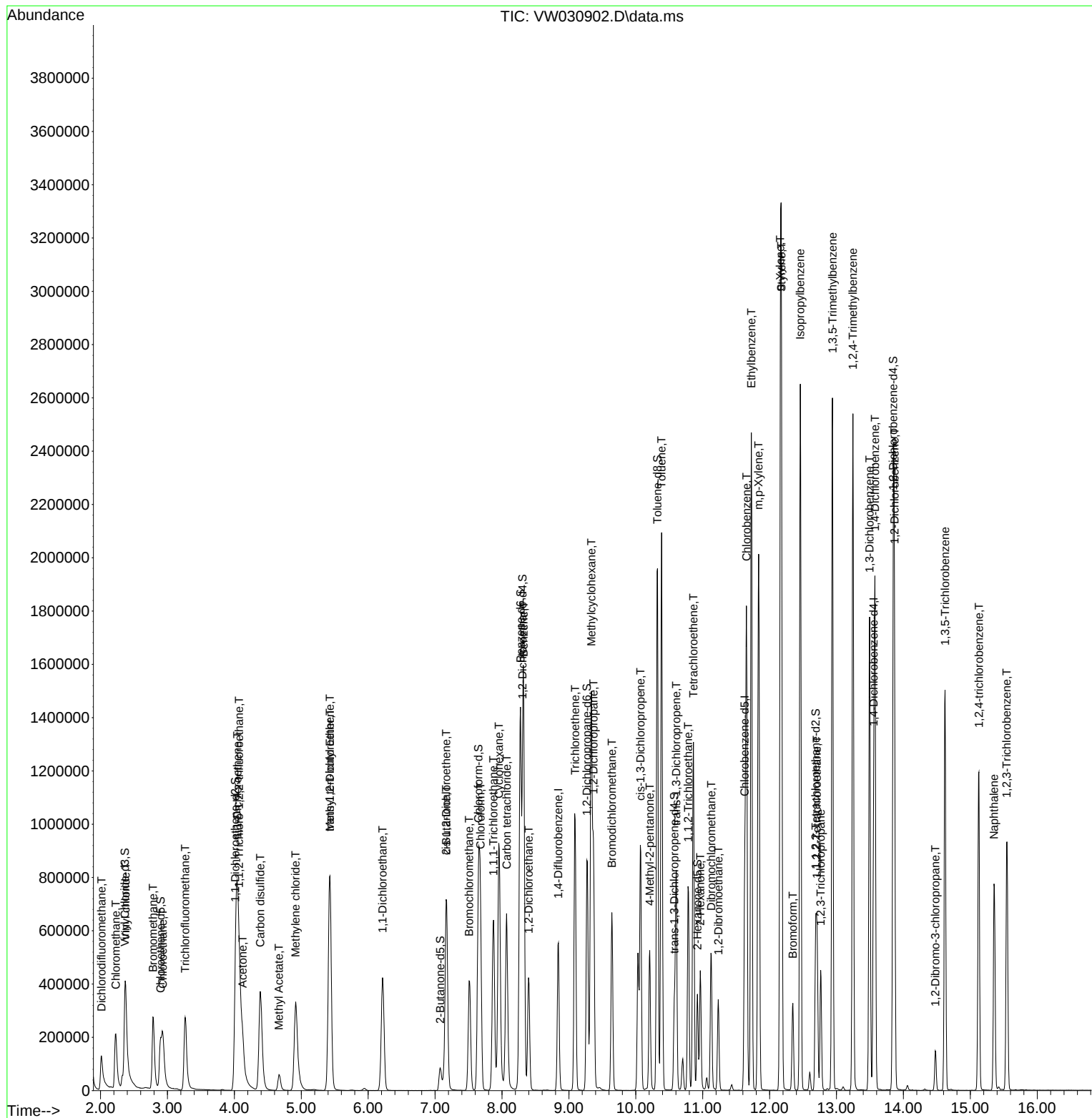
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	240331	48.781	ug/L	98
46) Tetrachloroethene	10.861	164	281832	48.678	ug/L	92
48) 2-Hexanone	10.965	43	266405	111.554	ug/L	96
49) Dibromochloromethane	11.129	129	268563	49.996	ug/L	97
50) 1,2-Dibromoethane	11.233	107	229296	50.468	ug/L	100
51) Chlorobenzene	11.654	112	922030	49.537	ug/L	99
52) Ethylbenzene	11.727	91	1715182	52.194	ug/L	99
53) m,p-Xylene	11.837	106	655208	53.013	ug/L	96
54) o-Xylene	12.160	106	600822	52.832	ug/L	96
55) Styrene	12.178	104	1048735	53.974	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	262857	48.889	ug/L	100
59) Bromoform	12.349	173	153069	53.283	ug/L	95
60) Isopropylbenzene	12.458	105	1696953	55.296	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	188754	50.042	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1406624	58.215	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1351514	57.436	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	707218	52.483	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	709033	51.253	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	615851	51.279	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	41115	51.487	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	459079	51.340	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	384375	54.135	ug/L	98
71) Naphthalene	15.354	128	680454	59.117	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	318265	52.011	ug/L	97

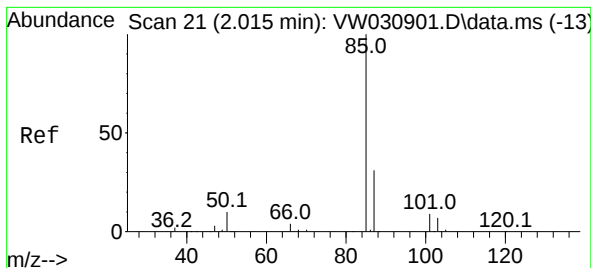
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 48.995 ug/L

RT: 2.015 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Instrument :

MSVOA_W

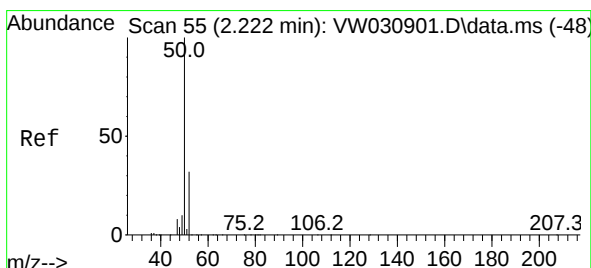
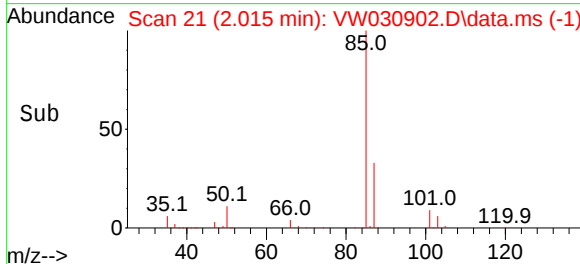
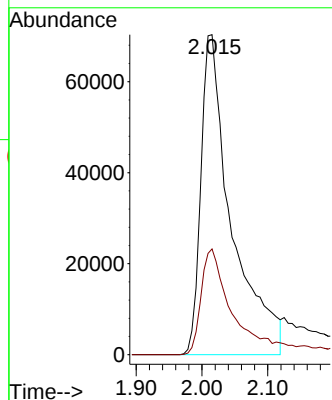
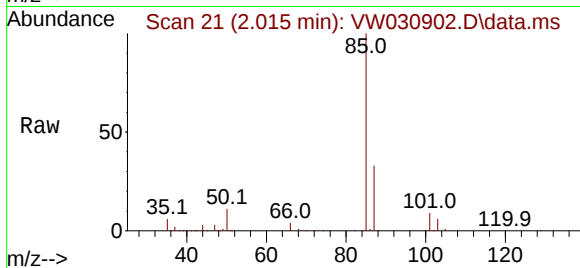
ClientSampleId :

Tgt Ion: 85 Resp: 227421

Ion Ratio Lower Upper

85 100

87 30.6 24.2 36.4



#3

Chloromethane

Concen: 49.348 ug/L

RT: 2.229 min Scan# 56

Delta R.T. 0.006 min

Lab File: VW030902.D

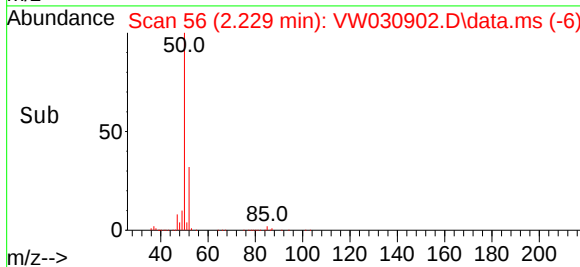
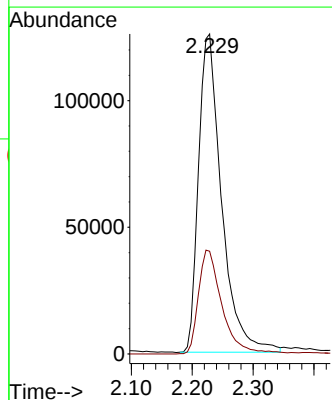
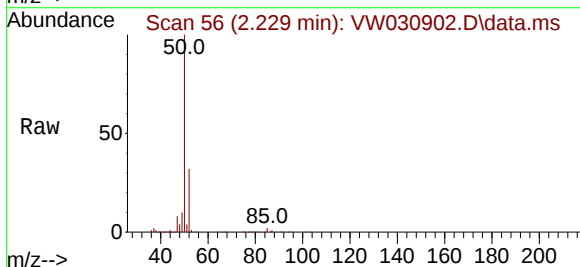
Acq: 04 Nov 2024 11:27

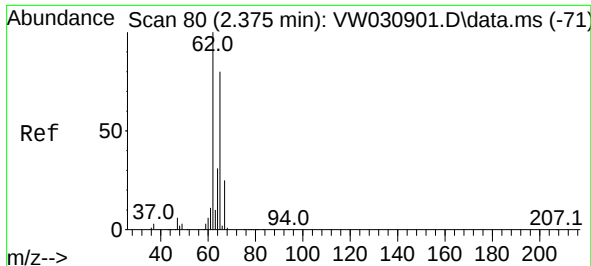
Tgt Ion: 50 Resp: 331155

Ion Ratio Lower Upper

50 100

52 32.1 22.5 41.9

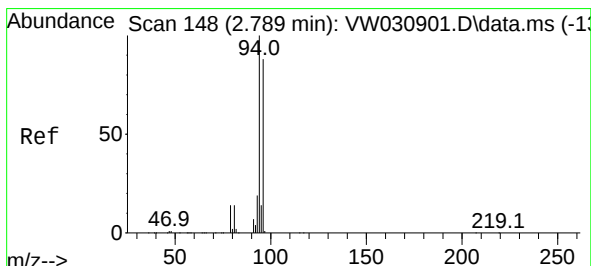
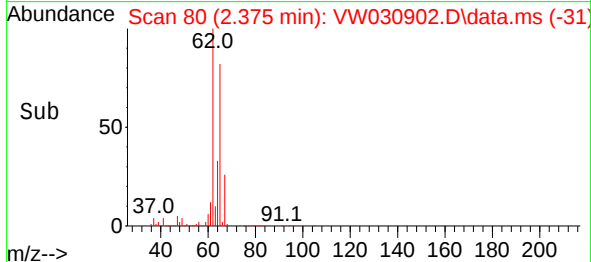
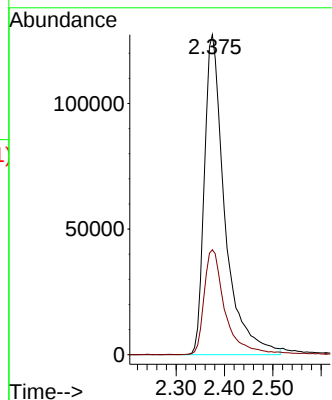
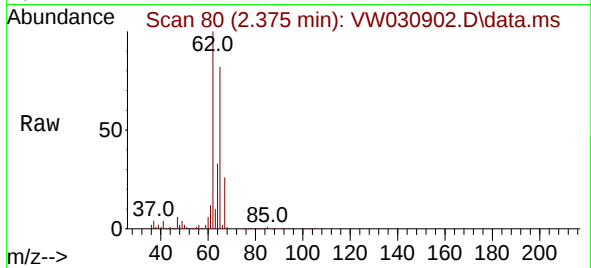




#5
 Vinyl chloride
 Concen: 47.078 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030902.D
 Acq: 04 Nov 2024 11:27

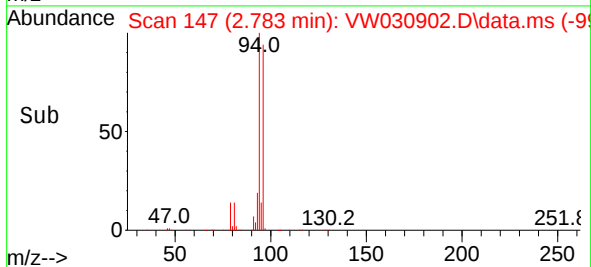
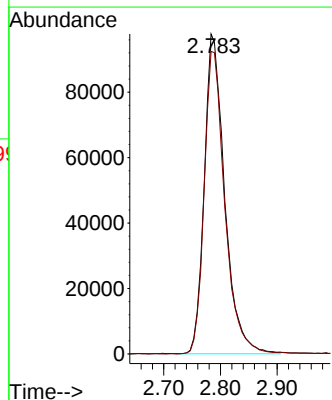
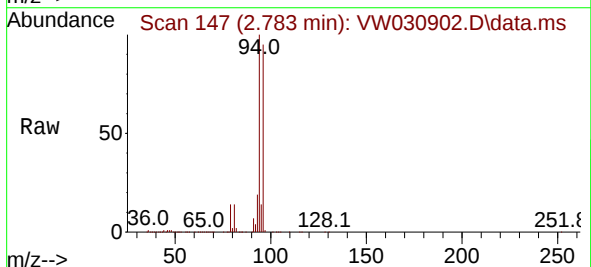
Instrument :
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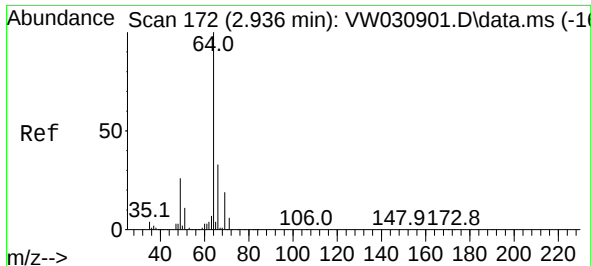
Tgt Ion: 62 Resp: 374411
 Ion Ratio Lower Upper
 62 100
 64 32.8 21.7 40.3



#6
 Bromomethane
 Concen: 46.811 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW030902.D
 Acq: 04 Nov 2024 11:27

Tgt Ion: 94 Resp: 244445
 Ion Ratio Lower Upper
 94 100
 96 94.6 61.6 114.4

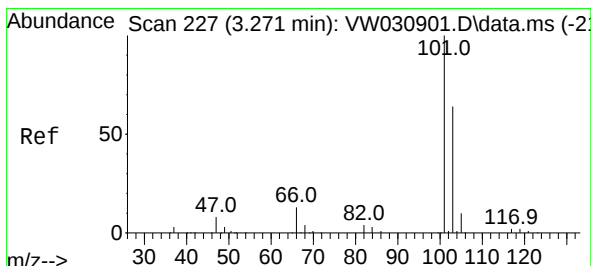
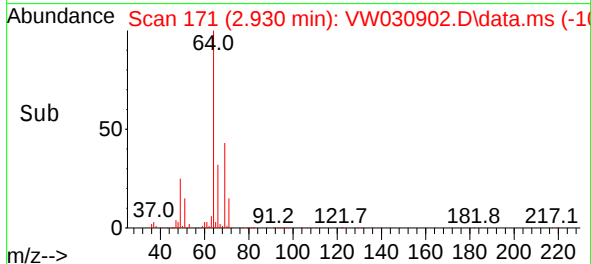
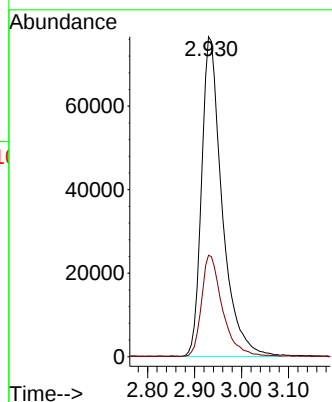
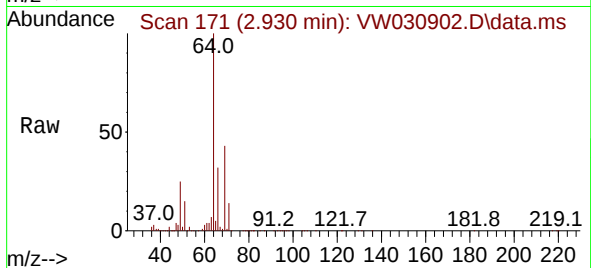




#8
Chloroethane
Concen: 48.253 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

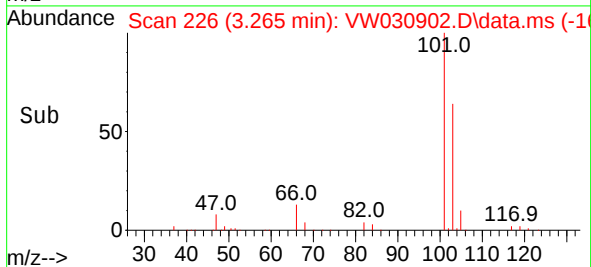
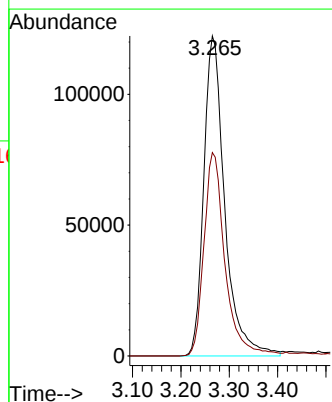
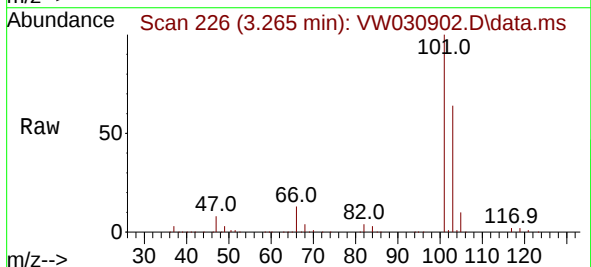
Instrument :
MSVOA_W
ClientSampleId :

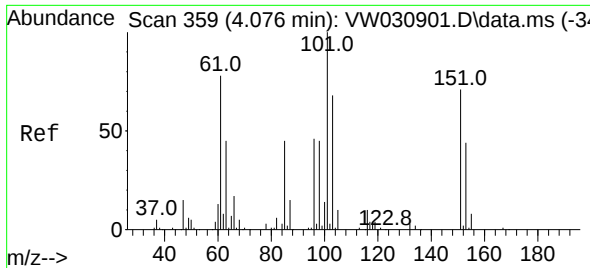
Tgt Ion: 64 Resp: 232639
Ion Ratio Lower Upper
64 100
66 31.7 23.5 43.7



#9
Trichlorofluoromethane
Concen: 51.407 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

Tgt Ion:101 Resp: 368378
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.6





#10

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

Concen: 50.045 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

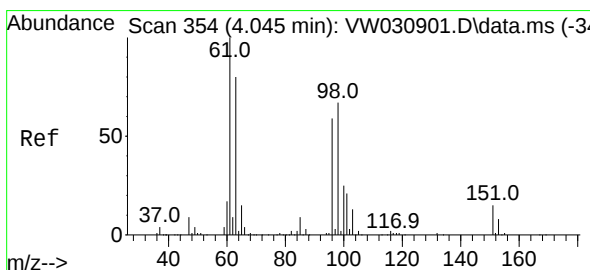
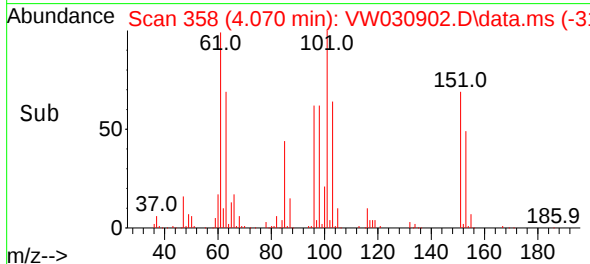
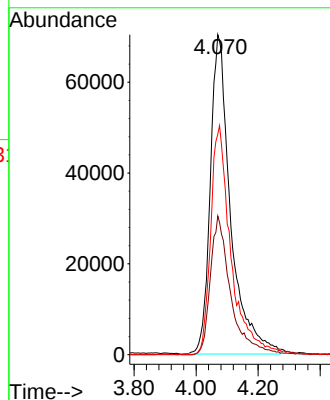
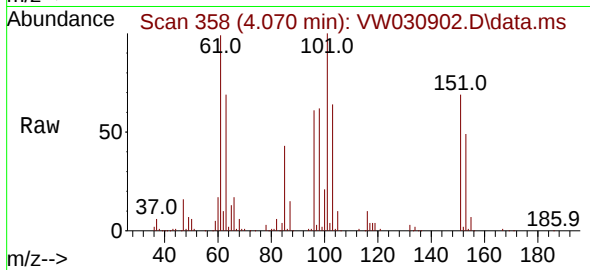
Tgt Ion:101 Resp: 320129

Ion Ratio Lower Upper

101 100

85 39.0 32.9 49.3

151 70.0 51.0 76.6



#12

1,1-Dichloroethene

Concen: 51.150 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

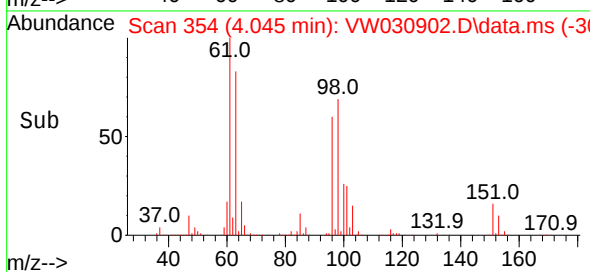
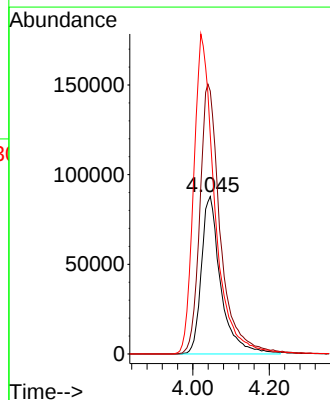
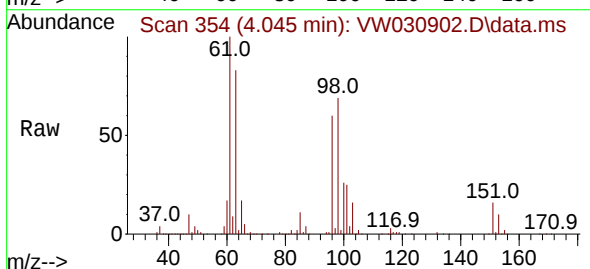
Tgt Ion: 96 Resp: 309115

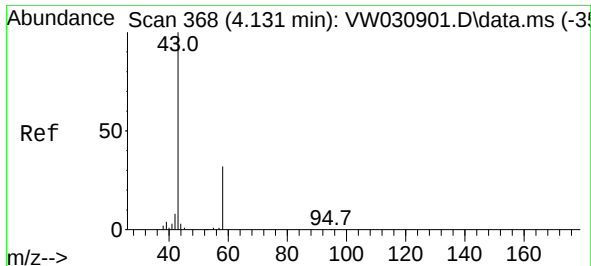
Ion Ratio Lower Upper

96 100

61 166.9 118.9 220.7

63 138.9 97.8 181.6

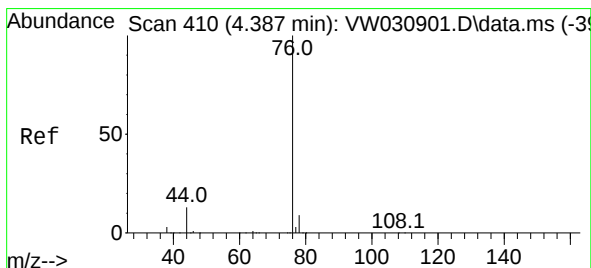
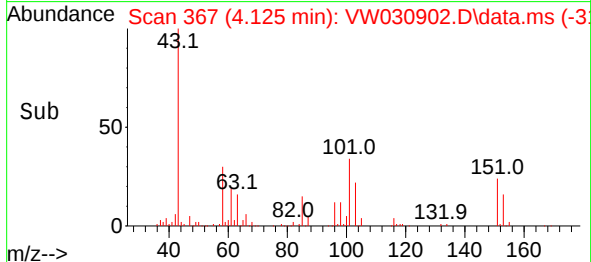
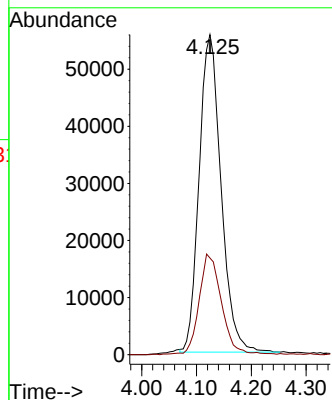
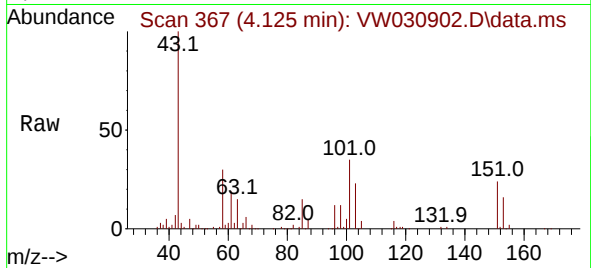




#13
Acetone
Concen: 104.152 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

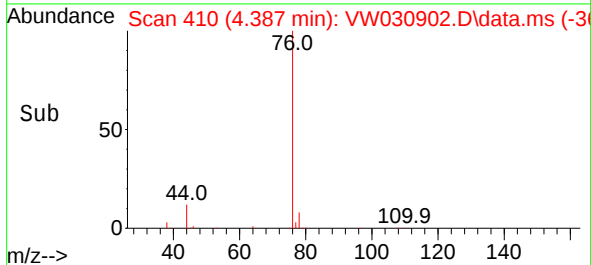
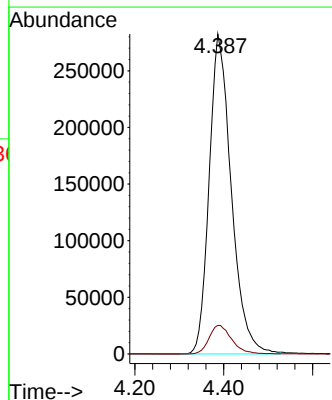
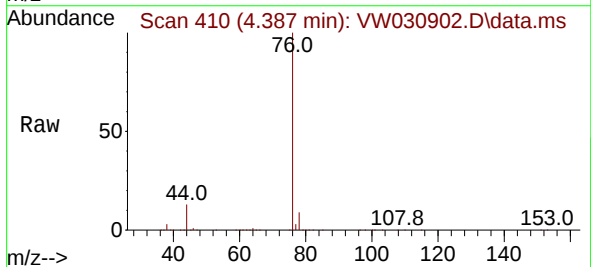
Instrument :
MSVOA_W
ClientSampleId :

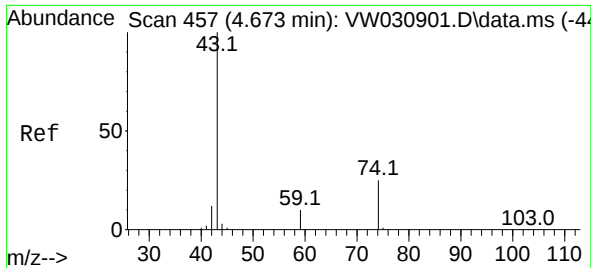
Tgt Ion: 43 Resp: 154484
Ion Ratio Lower Upper
43 100
58 31.4 0.0 62.6



#14
Carbon disulfide
Concen: 49.137 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

Tgt Ion: 76 Resp: 976174
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

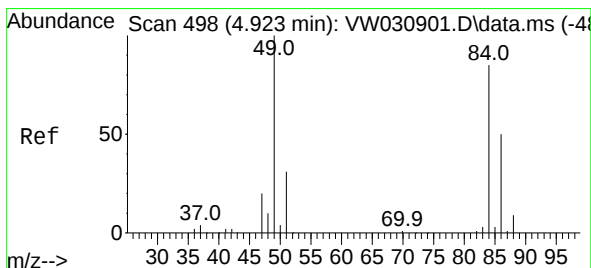
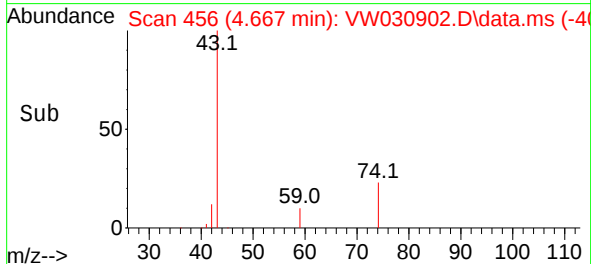
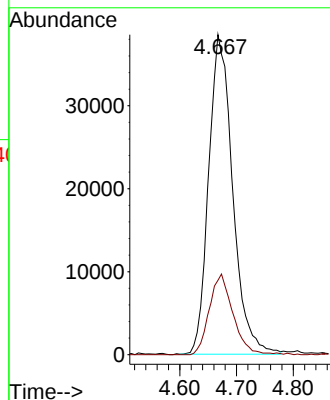
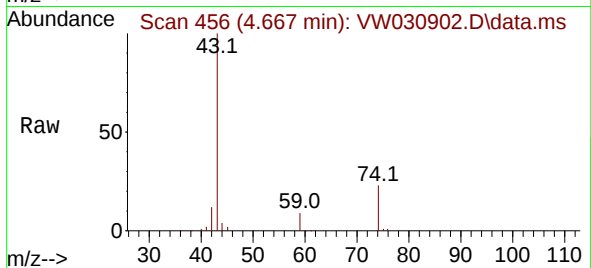




#15
Methyl Acetate
Concen: 50.164 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

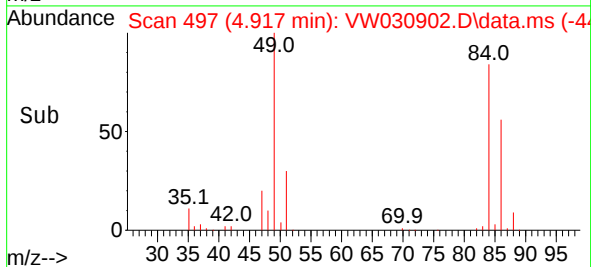
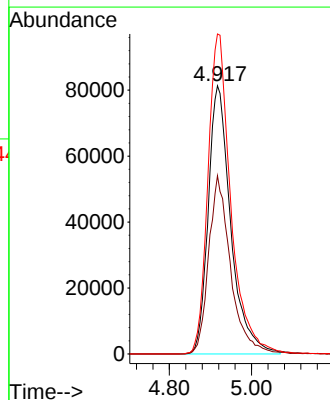
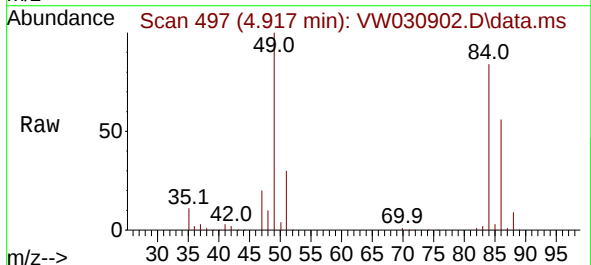
Instrument :
MSVOA_W
ClientSampleId :

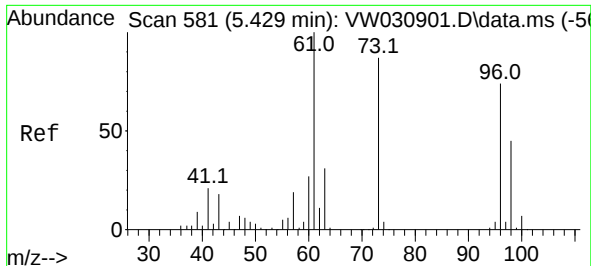
Tgt Ion: 43 Resp: 113405
Ion Ratio Lower Upper
43 100
74 24.6 20.2 30.2



#16
Methylene chloride
Concen: 46.887 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

Tgt Ion: 84 Resp: 309919
Ion Ratio Lower Upper
84 100
86 66.4 41.8 77.6
49 119.3 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 50.813 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

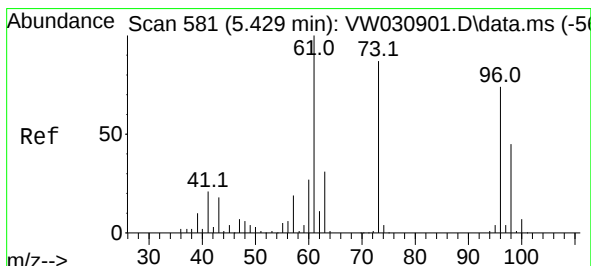
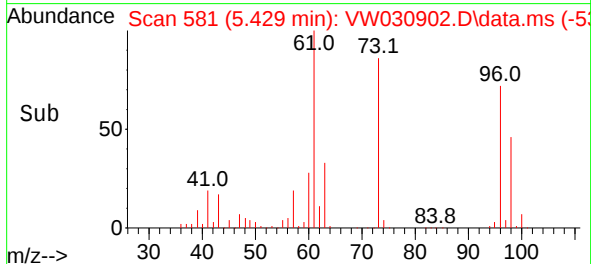
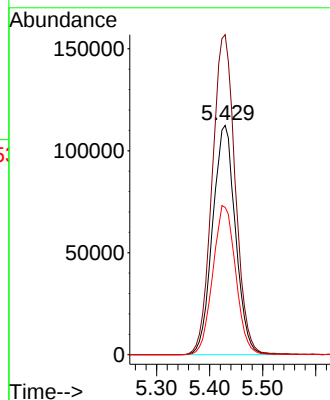
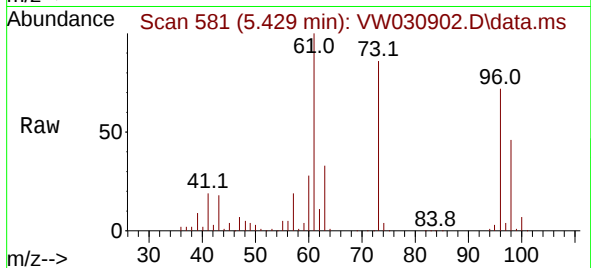
Tgt Ion: 96 Resp: 336877

Ion Ratio Lower Upper

96 100

61 139.5 95.2 176.8

98 64.2 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 52.753 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

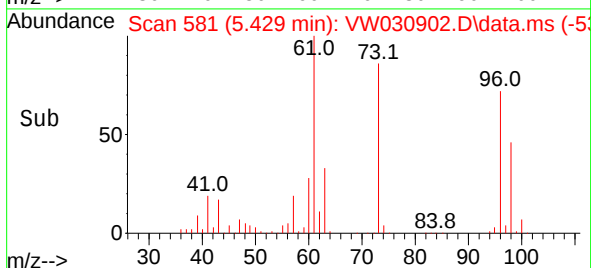
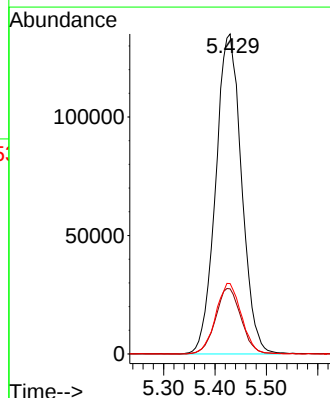
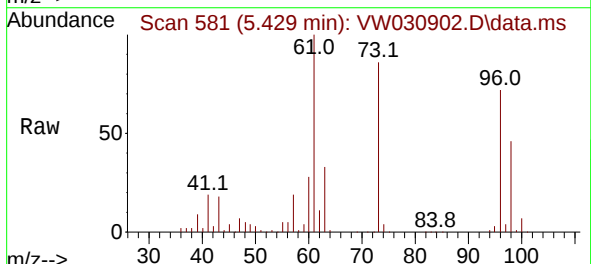
Tgt Ion: 73 Resp: 472056

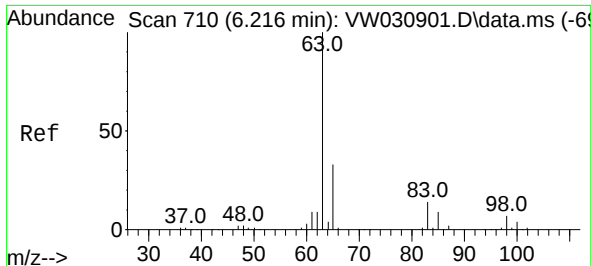
Ion Ratio Lower Upper

73 100

43 20.4 16.2 24.2

57 21.9 17.3 25.9





#19

1,1-Dichloroethane

Concen: 49.258 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

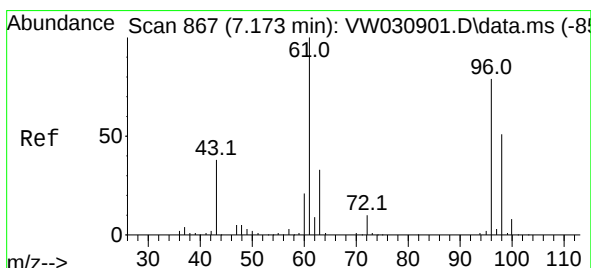
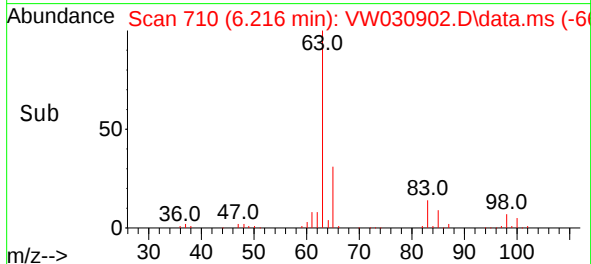
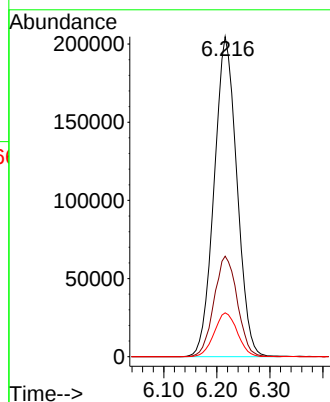
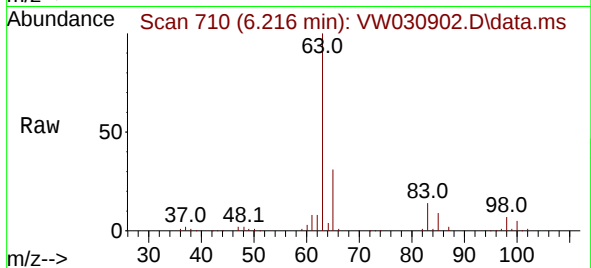
Tgt Ion: 63 Resp: 609403

Ion Ratio Lower Upper

63 100

65 31.4 23.0 42.8

83 13.7 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 52.131 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

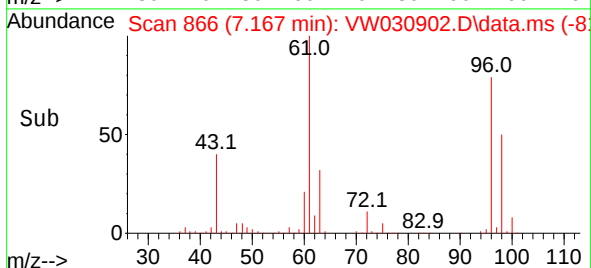
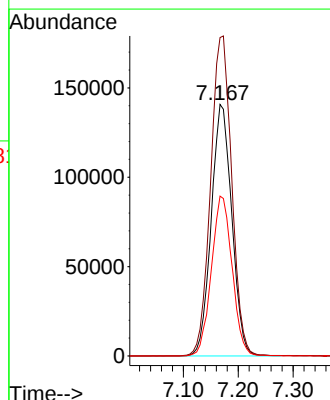
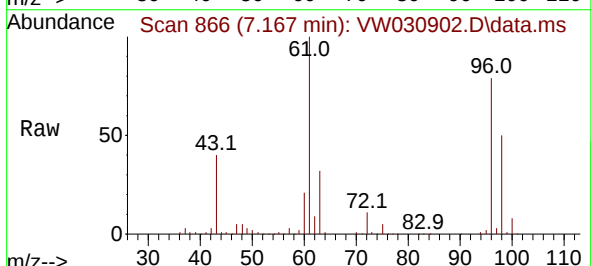
Tgt Ion: 96 Resp: 366650

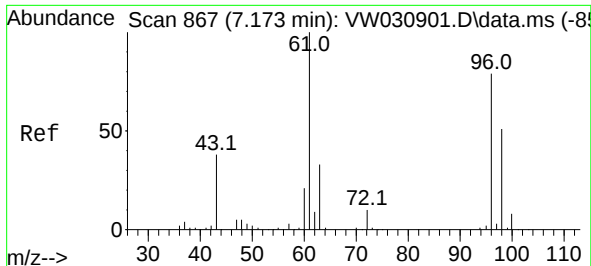
Ion Ratio Lower Upper

96 100

61 126.6 89.2 165.8

98 63.5 45.1 83.9

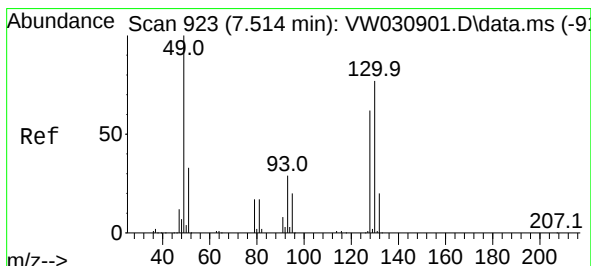
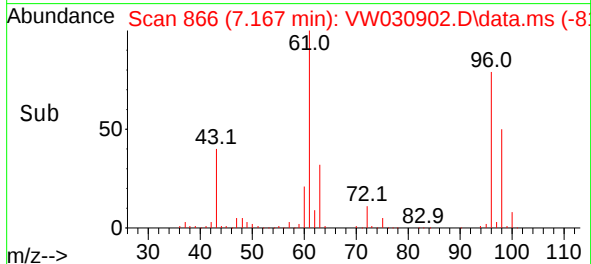
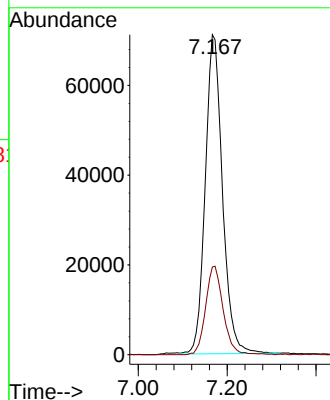
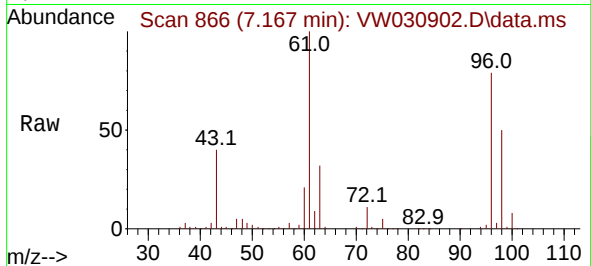




#22
2-Butanone
Concen: 112.067 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

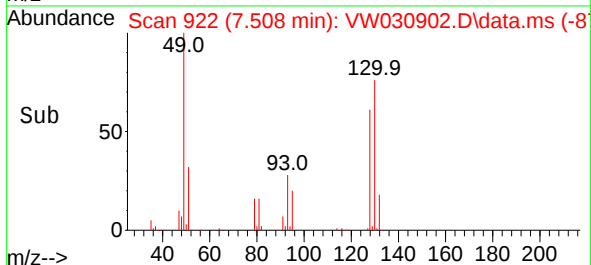
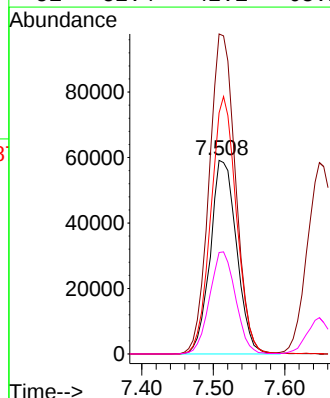
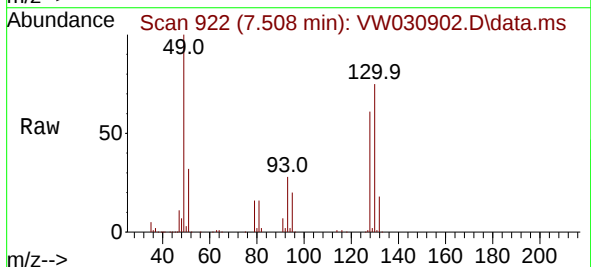
Instrument :
MSVOA_W
ClientSampleId :

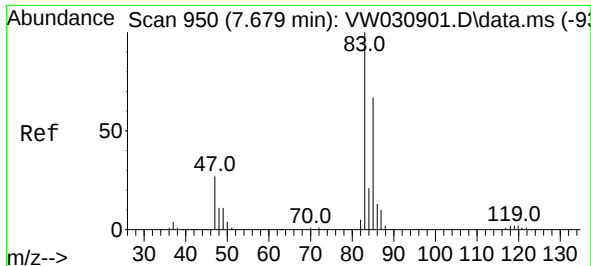
Tgt Ion: 43 Resp: 191866
Ion Ratio Lower Upper
43 100
72 28.0 14.5 43.6



#23
Bromochloromethane
Concen: 49.080 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

Tgt Ion:128 Resp: 151172
Ion Ratio Lower Upper
128 100
49 165.2 112.4 208.8
130 124.5 86.2 160.0
51 52.4 42.1 63.1





#25

Chloroform

Concen: 48.759 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Instrument :

MSVOA_W

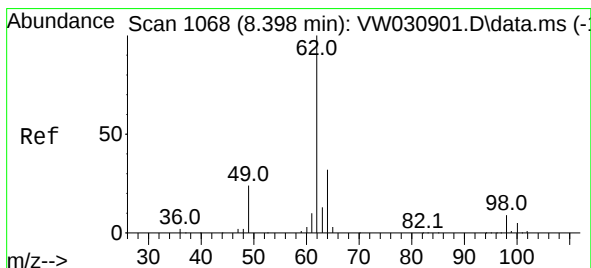
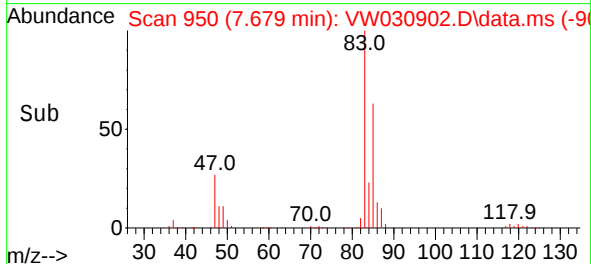
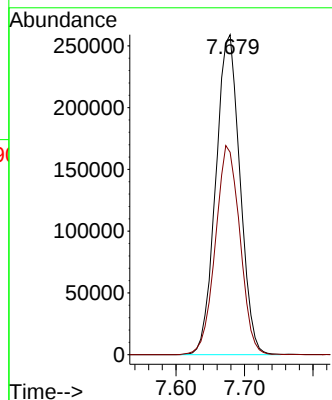
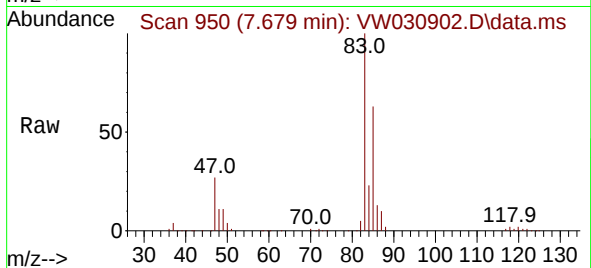
ClientSampleId :

Tgt Ion: 83 Resp: 634712

Ion Ratio Lower Upper

83 100

85 63.2 47.2 87.6



#27

1,2-Dichloroethane

Concen: 48.734 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030902.D

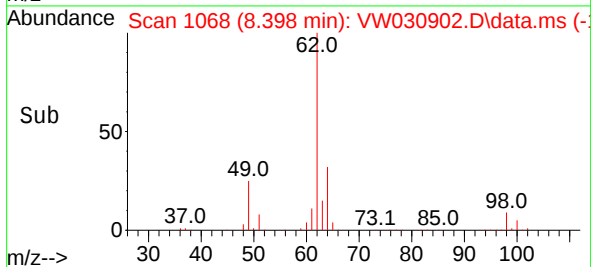
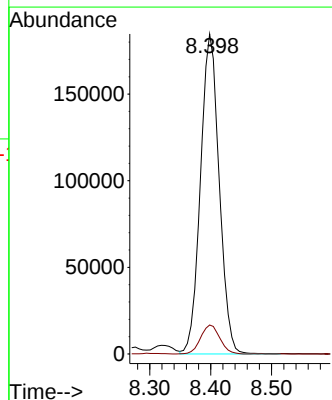
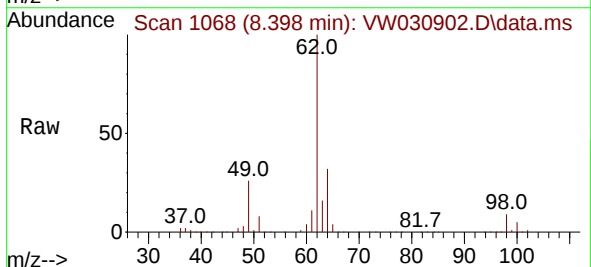
Acq: 04 Nov 2024 11:27

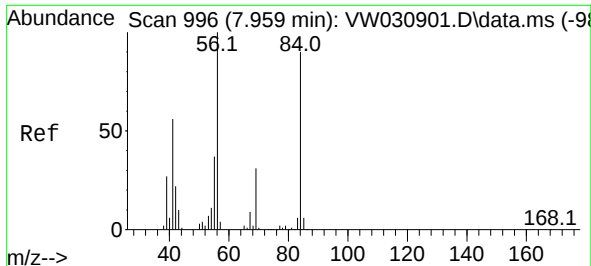
Tgt Ion: 62 Resp: 395085

Ion Ratio Lower Upper

62 100

98 9.0 7.1 10.7





#29

Cyclohexane

Concen: 54.825 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

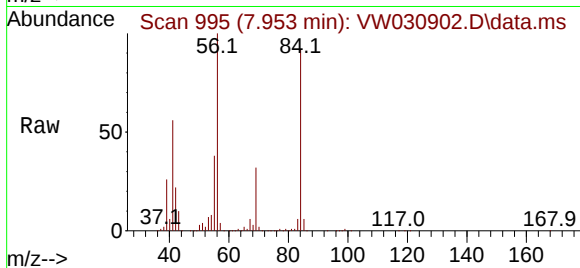
Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :



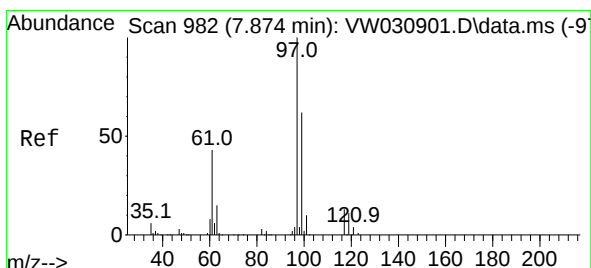
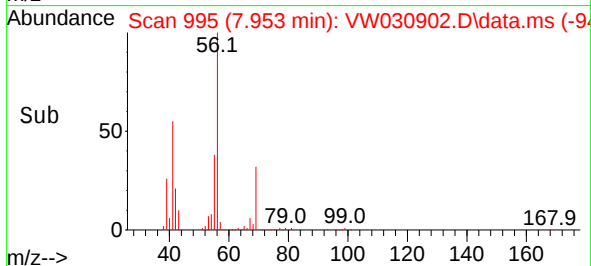
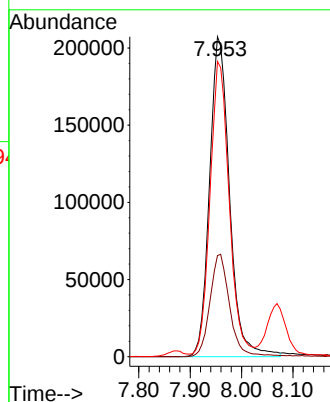
Tgt Ion: 56 Resp: 559828

Ion Ratio Lower Upper

56 100

69 31.1 24.8 37.2

84 88.0 69.5 104.3



#30

1,1,1-Trichloroethane

Concen: 48.842 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

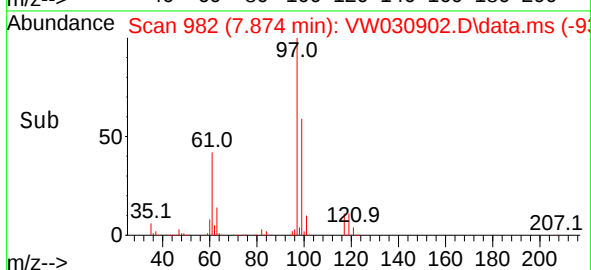
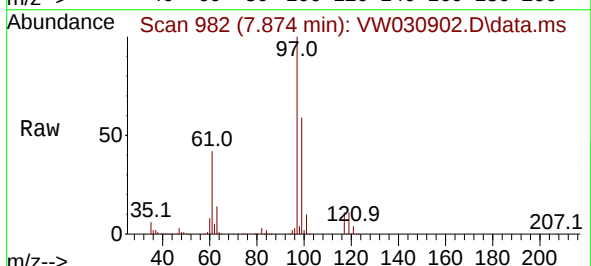
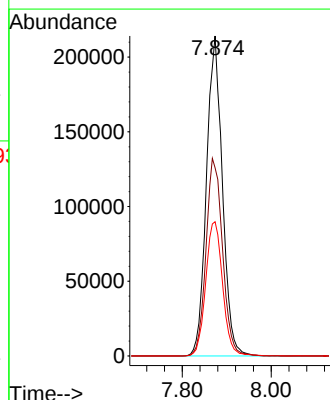
Tgt Ion: 97 Resp: 534603

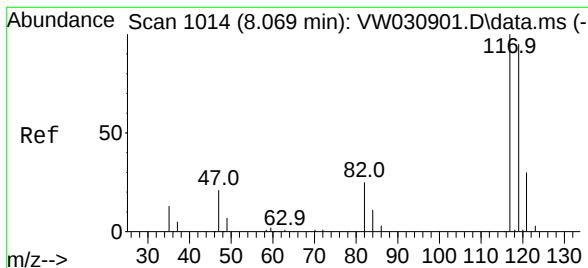
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 44.6 36.2 54.4





#31

Carbon tetrachloride

Concen: 48.506 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Instrument :

MSVOA_W

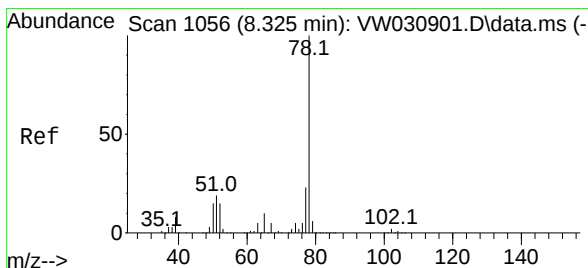
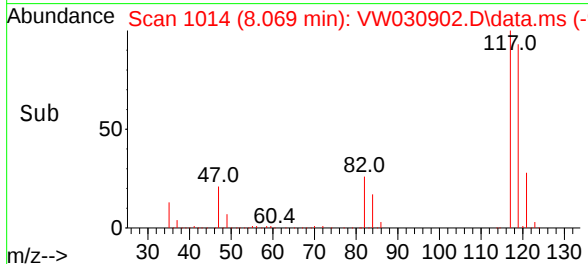
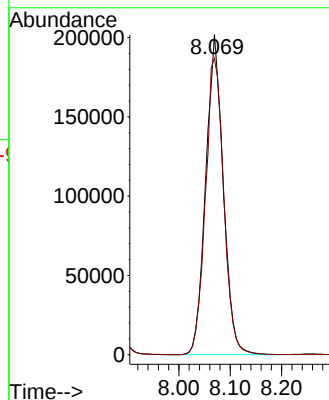
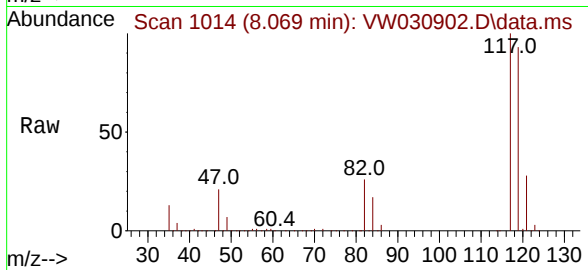
ClientSampleId :

Tgt Ion:117 Resp: 477071

Ion Ratio Lower Upper

117 100

119 97.2 76.2 114.2



#33

Benzene

Concen: 49.992 ug/L

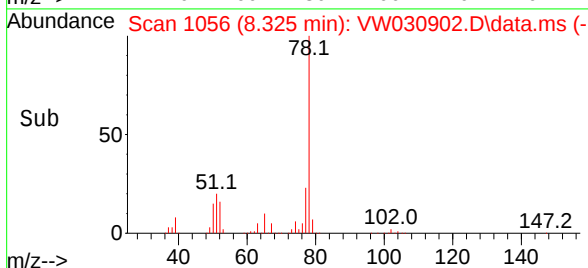
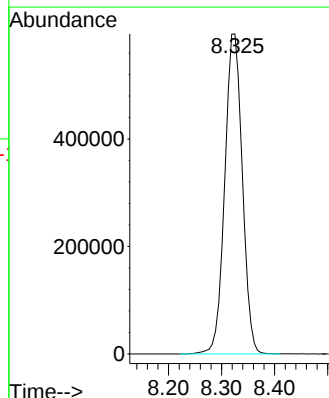
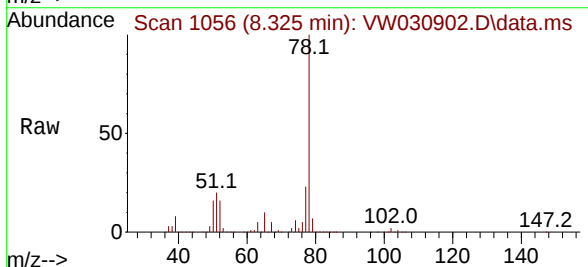
RT: 8.325 min Scan# 1056

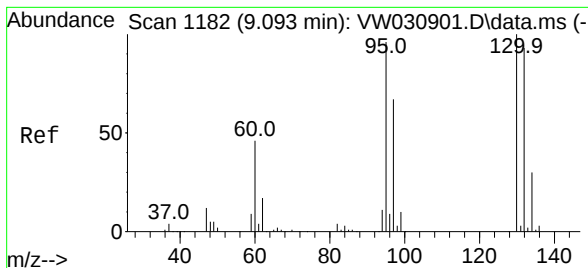
Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Tgt Ion: 78 Resp: 1373001





#34

Trichloroethene

Concen: 49.198 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 372594

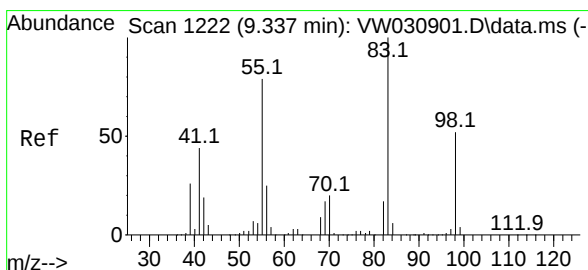
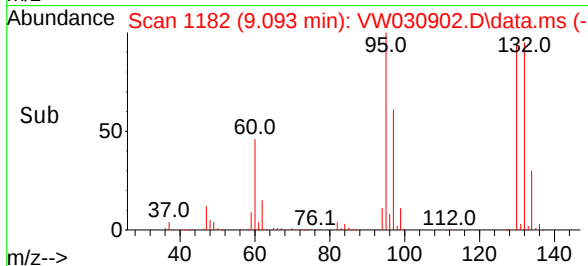
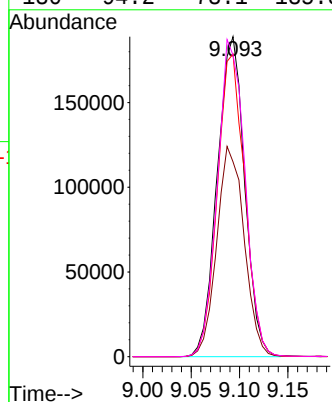
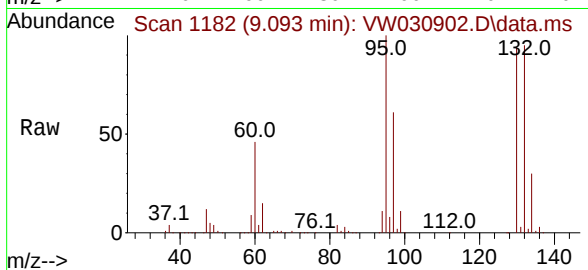
Ion Ratio Lower Upper

95 100

97 60.9 48.9 90.7

132 94.6 67.7 125.7

130 94.2 73.1 135.8



#35

Methylcyclohexane

Concen: 51.581 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

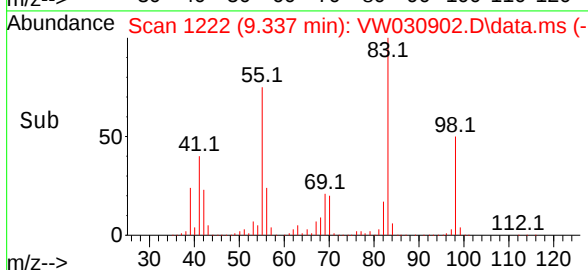
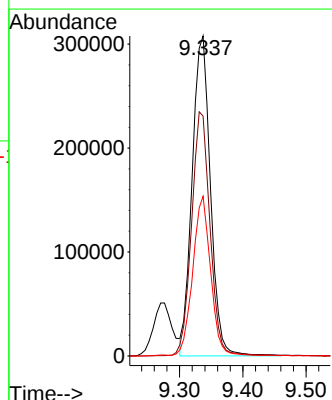
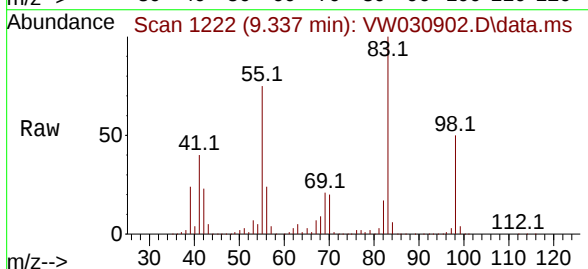
Tgt Ion: 83 Resp: 619141

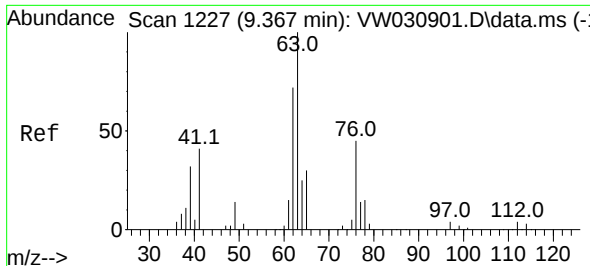
Ion Ratio Lower Upper

83 100

55 77.1 62.8 94.2

98 48.6 39.4 59.2





#37

1,2-Dichloropropane

Concen: 48.892 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Instrument :

MSVOA_W

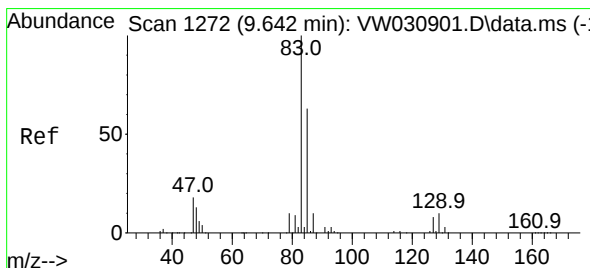
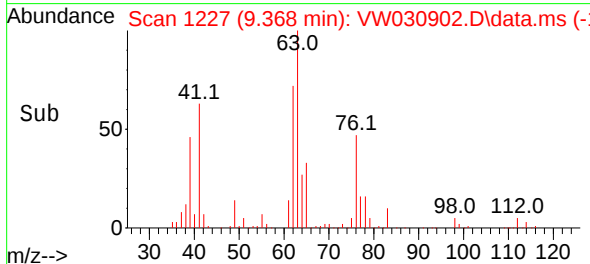
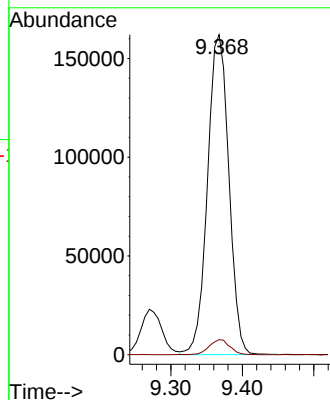
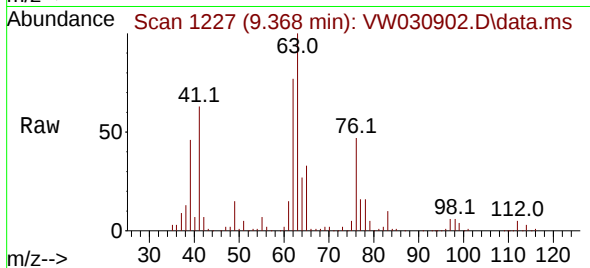
ClientSampleId :

Tgt Ion: 63 Resp: 335589

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 49.400 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

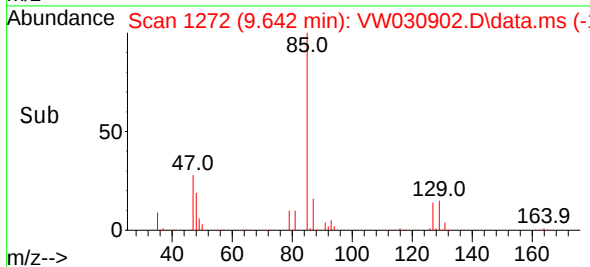
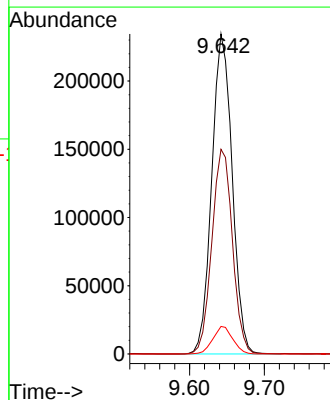
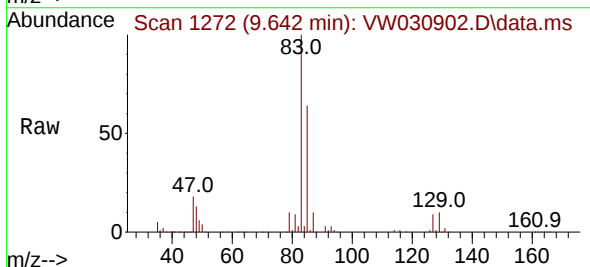
Tgt Ion: 83 Resp: 445283

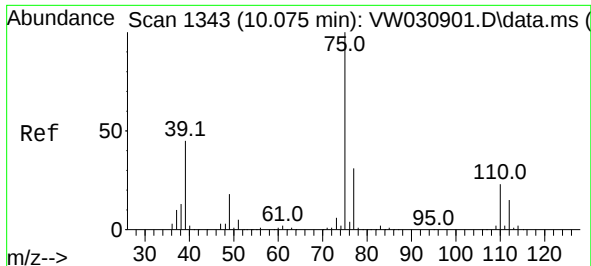
Ion Ratio Lower Upper

83 100

85 64.0 44.1 81.9

127 8.6 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 53.871 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Instrument :

MSVOA_W

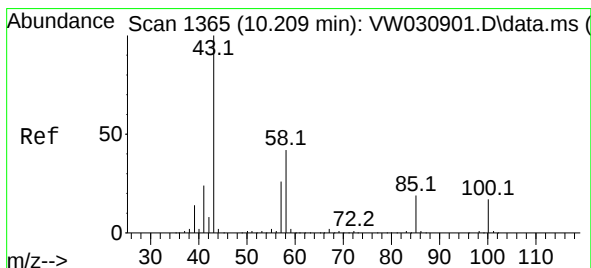
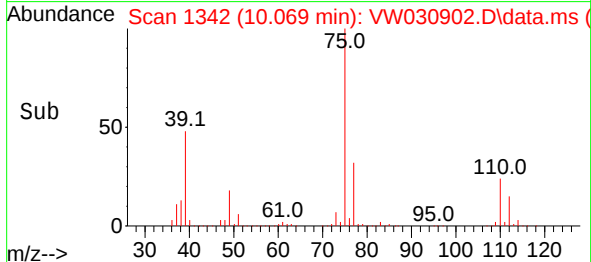
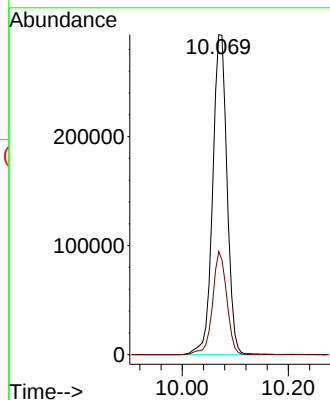
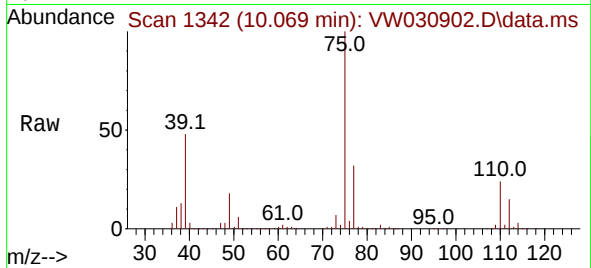
ClientSampleId :

Tgt Ion: 75 Resp: 553139

Ion Ratio Lower Upper

75 100

77 32.2 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 108.428 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

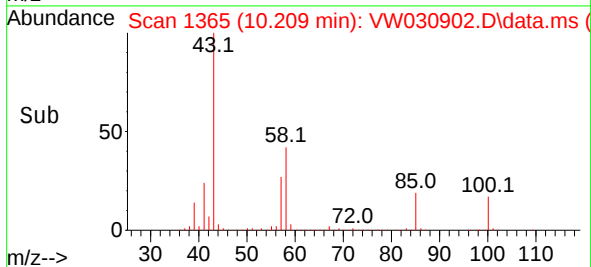
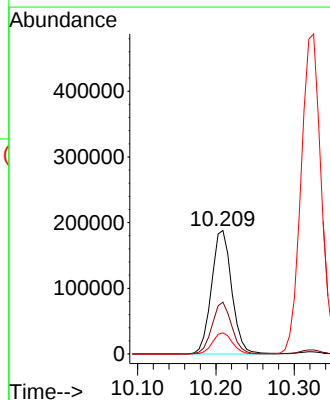
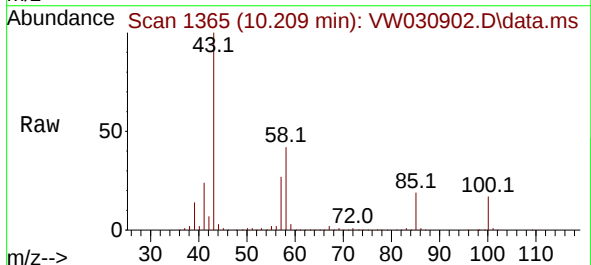
Tgt Ion: 43 Resp: 337686

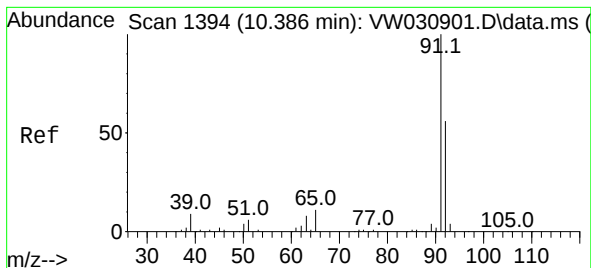
Ion Ratio Lower Upper

43 100

58 40.5 32.2 48.4

100 16.8 13.3 19.9





#42

Toluene

Concen: 50.748 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Instrument :

MSVOA_W

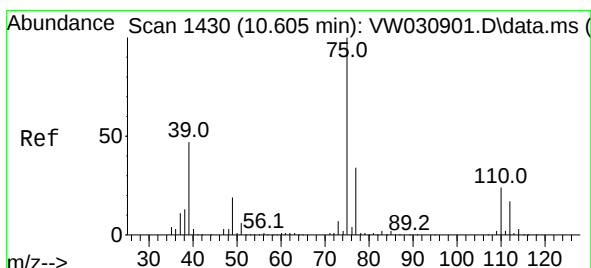
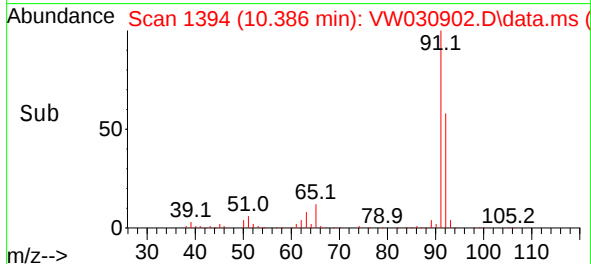
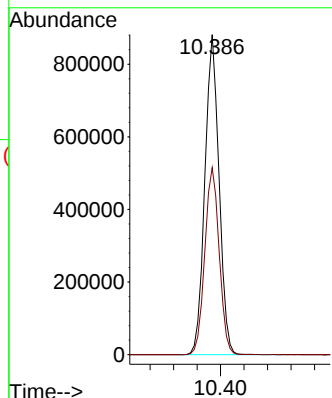
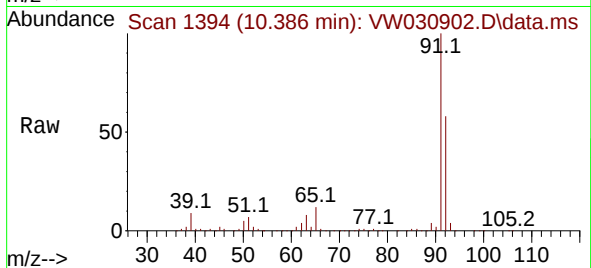
ClientSampleId :

Tgt Ion: 91 Resp: 1475906

Ion Ratio Lower Upper

91 100

92 58.5 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 53.356 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030902.D

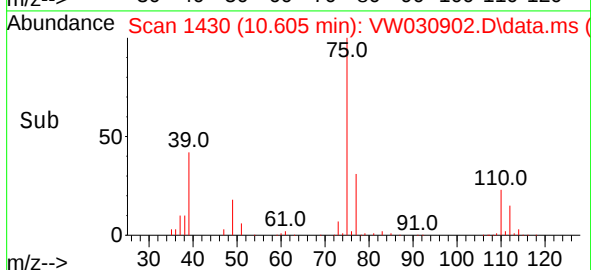
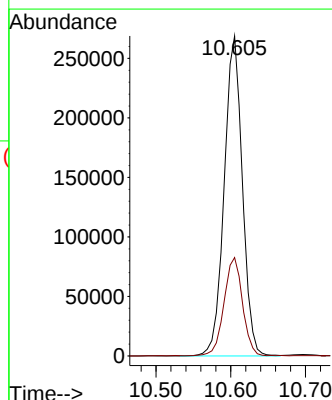
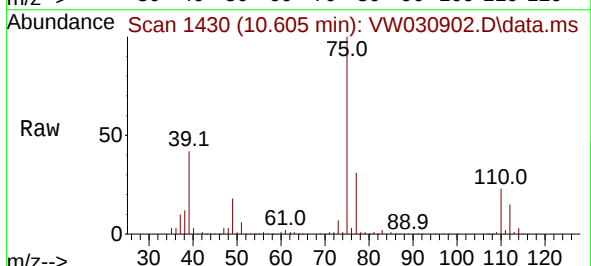
Acq: 04 Nov 2024 11:27

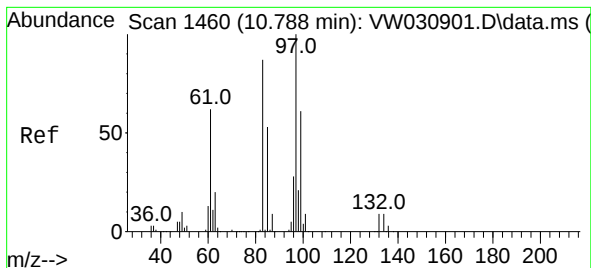
Tgt Ion: 75 Resp: 455133

Ion Ratio Lower Upper

75 100

77 30.8 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 48.781 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 240331

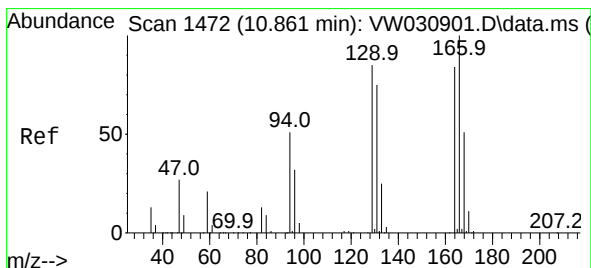
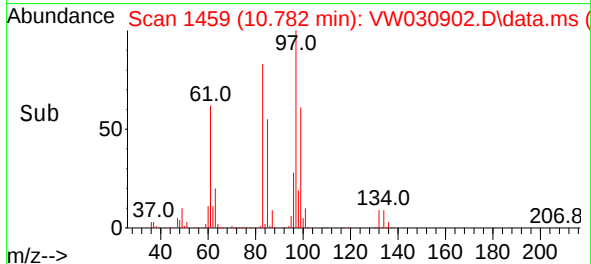
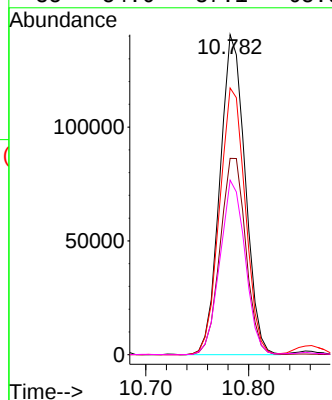
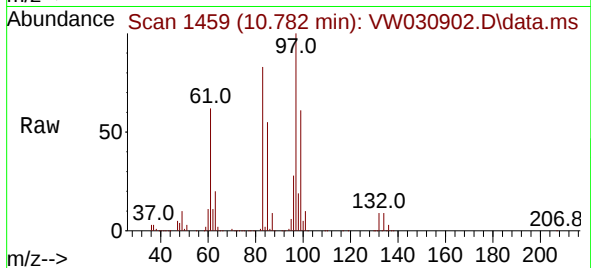
Ion Ratio Lower Upper

97 100

99 61.4 42.8 79.4

83 83.3 60.6 112.6

85 54.6 37.1 68.9



#46

Tetrachloroethene

Concen: 48.678 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Tgt Ion:164 Resp: 281832

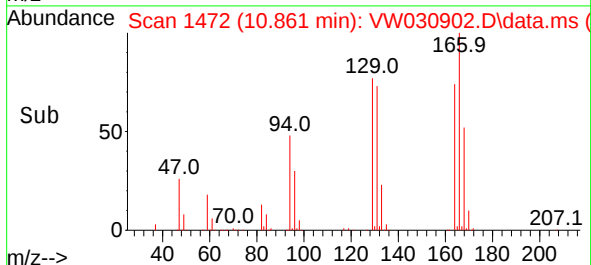
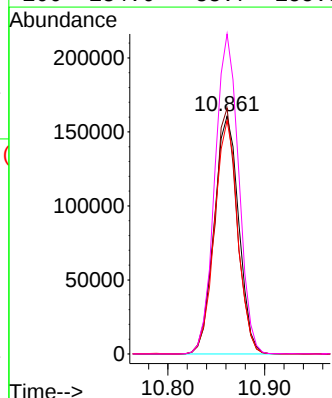
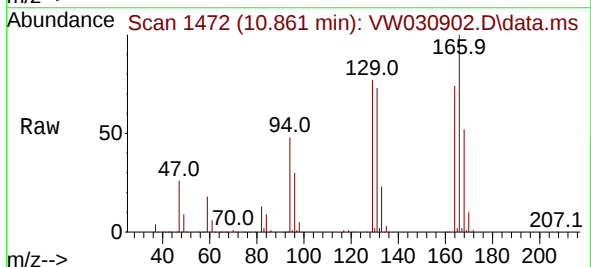
Ion Ratio Lower Upper

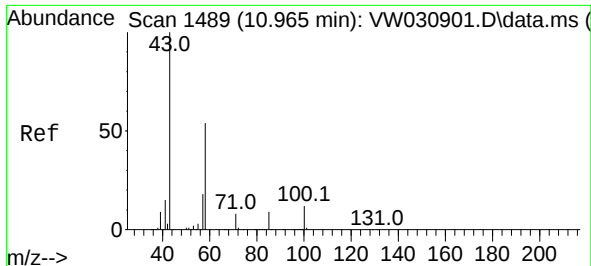
164 100

129 103.3 71.1 132.1

131 98.1 62.6 116.3

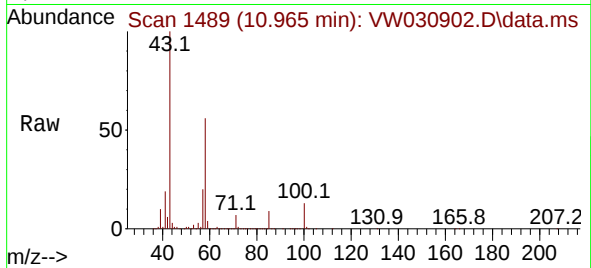
166 134.6 83.7 155.5



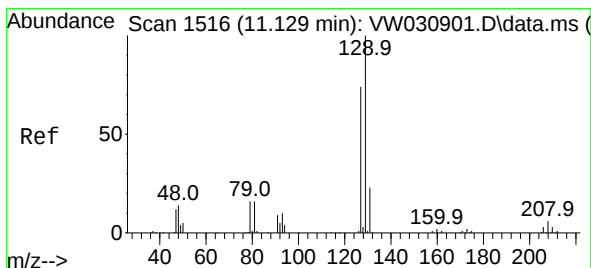
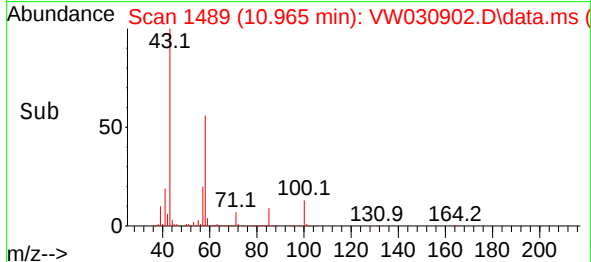
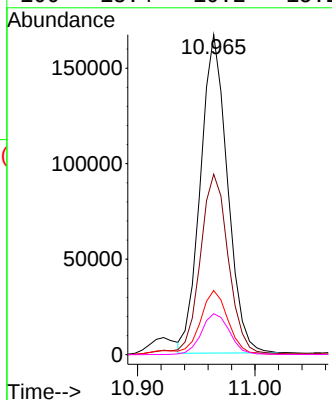


#48
2-Hexanone
Concen: 111.554 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

Instrument :
MSVOA_W
ClientSampleId :

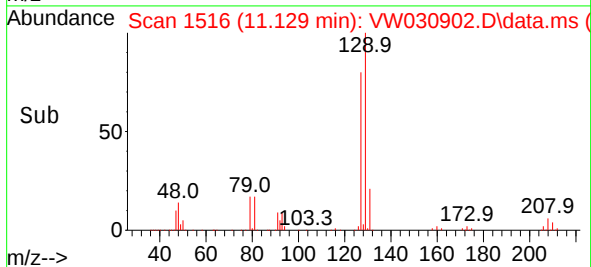
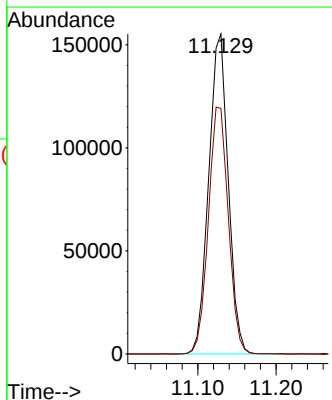
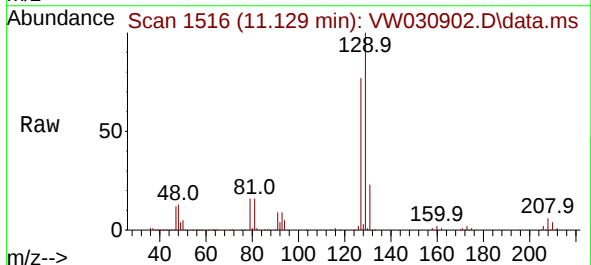


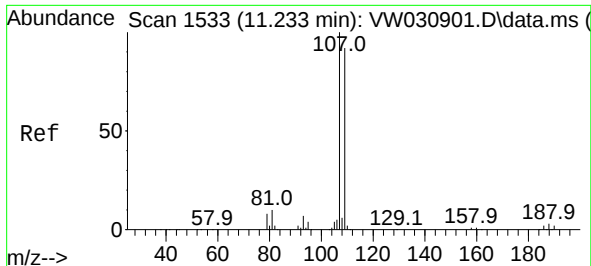
Tgt Ion: 43 Resp: 266405
Ion Ratio Lower Upper
43 100
58 59.0 43.8 65.8
57 20.3 15.4 23.2
100 13.4 10.2 15.2



#49
Dibromochloromethane
Concen: 49.996 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

Tgt Ion:129 Resp: 268563
Ion Ratio Lower Upper
129 100
127 76.8 52.1 96.7





#50

1,2-Dibromoethane

Concen: 50.468 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

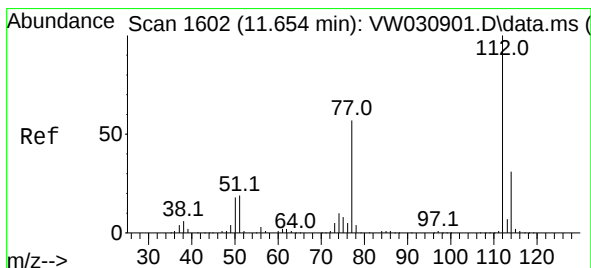
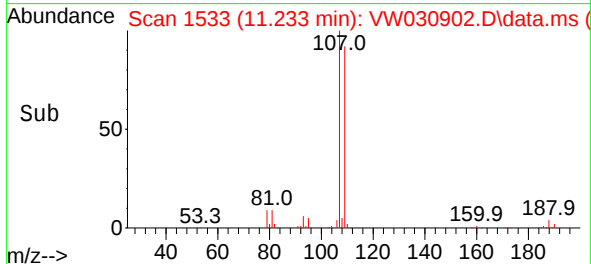
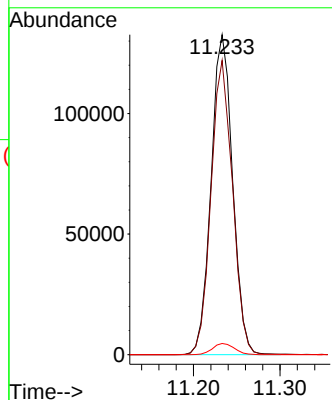
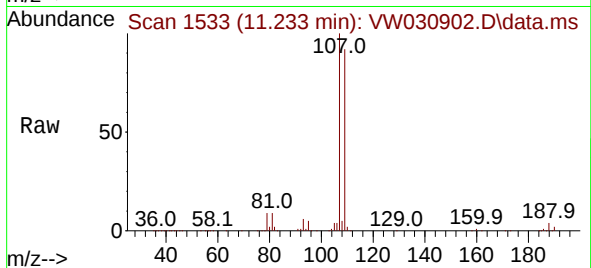
Tgt Ion:107 Resp: 229296

Ion Ratio Lower Upper

107 100

109 92.0 64.3 119.3

188 3.5 2.7 4.1



#51

Chlorobenzene

Concen: 49.537 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

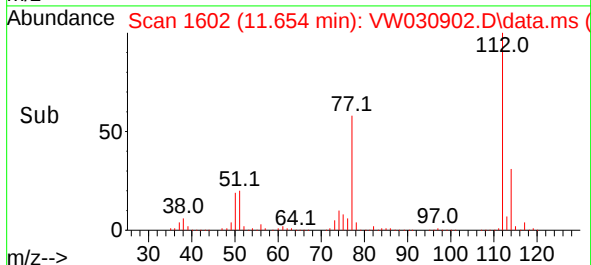
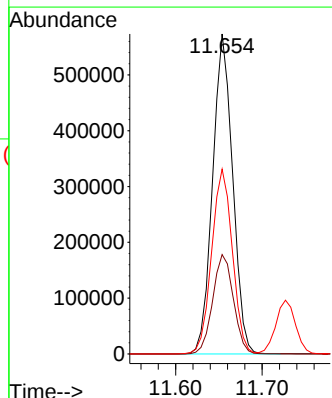
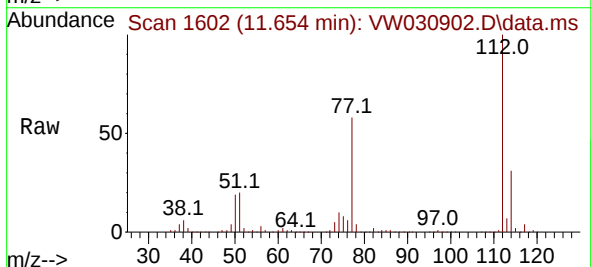
Tgt Ion:112 Resp: 922030

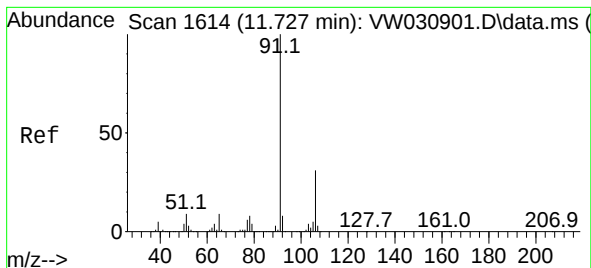
Ion Ratio Lower Upper

112 100

114 31.1 21.9 40.7

77 57.8 45.3 67.9





#52

Ethylbenzene

Concen: 52.194 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Instrument :

MSVOA_W

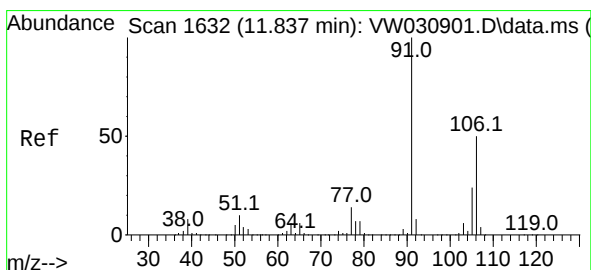
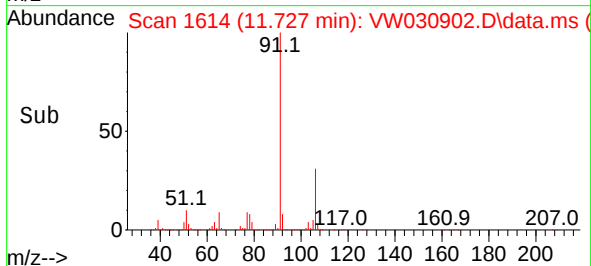
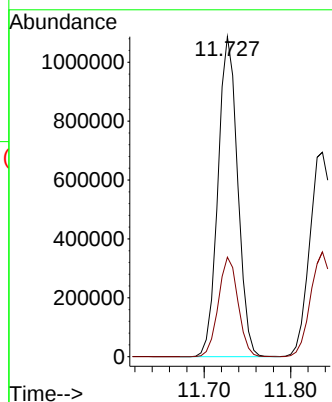
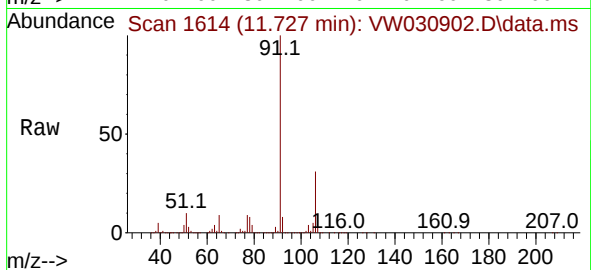
ClientSampleId :

Tgt Ion: 91 Resp: 1715182

Ion Ratio Lower Upper

91 100

106 31.1 21.6 40.0



#53

m,p-Xylene

Concen: 53.013 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030902.D

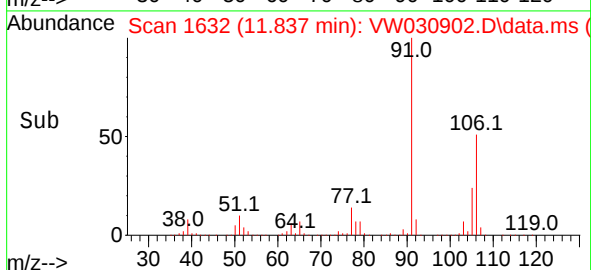
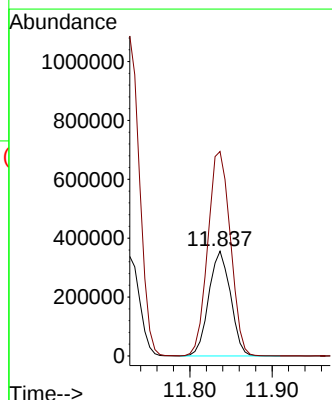
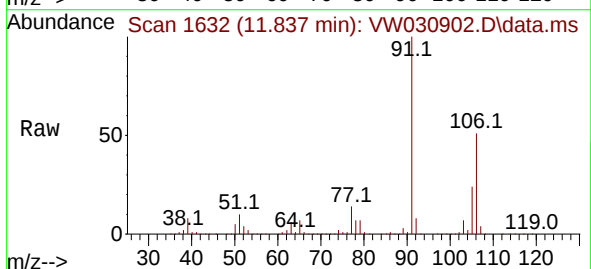
Acq: 04 Nov 2024 11:27

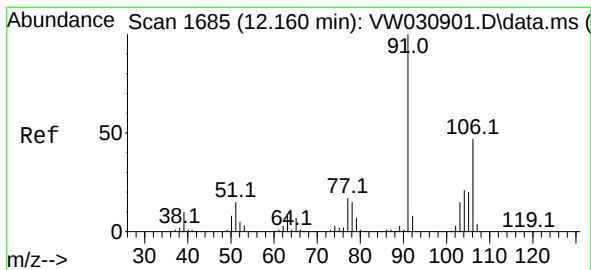
Tgt Ion:106 Resp: 655208

Ion Ratio Lower Upper

106 100

91 195.0 140.7 261.3

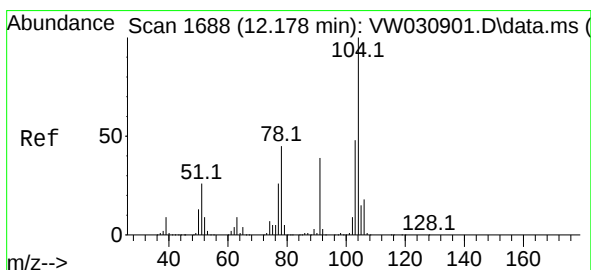
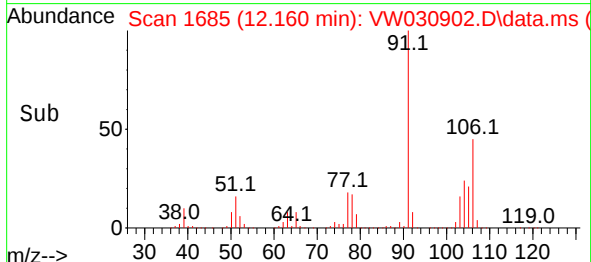
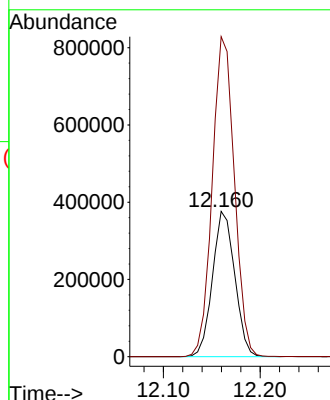
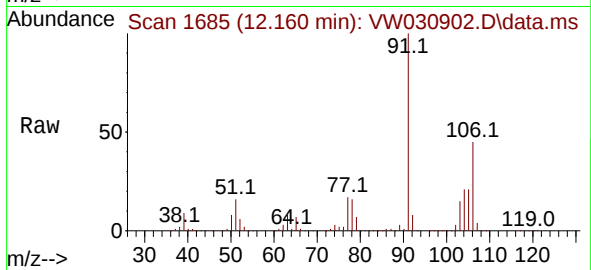




#54
o-Xylene
Concen: 52.832 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

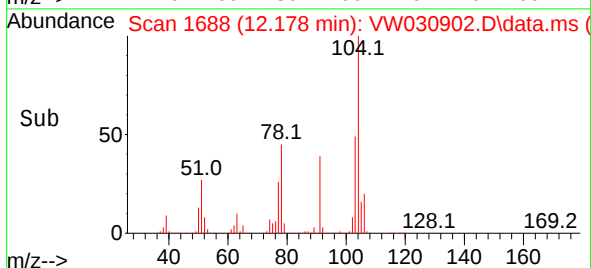
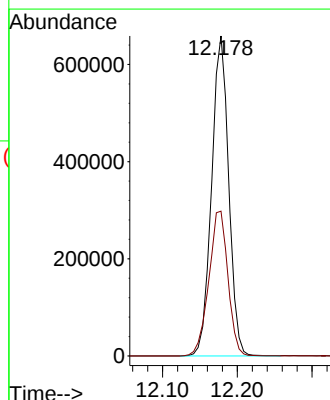
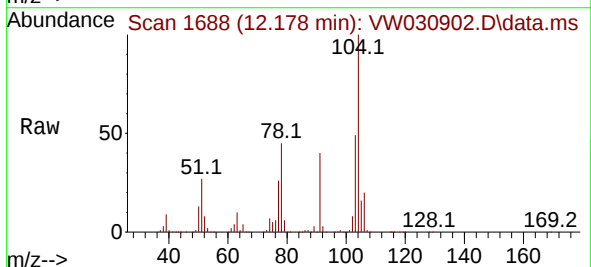
Instrument :
MSVOA_W
ClientSampleId :

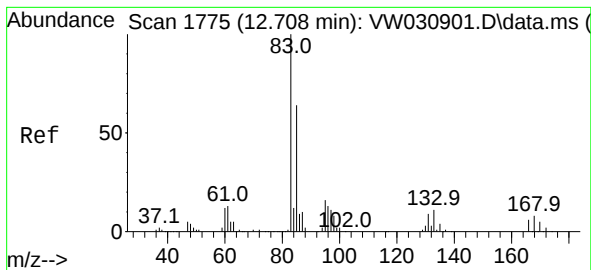
Tgt Ion:106 Resp: 600822
Ion Ratio Lower Upper
106 100
91 220.3 149.9 278.3



#55
Styrene
Concen: 53.974 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

Tgt Ion:104 Resp: 1048735
Ion Ratio Lower Upper
104 100
78 45.3 31.8 59.0

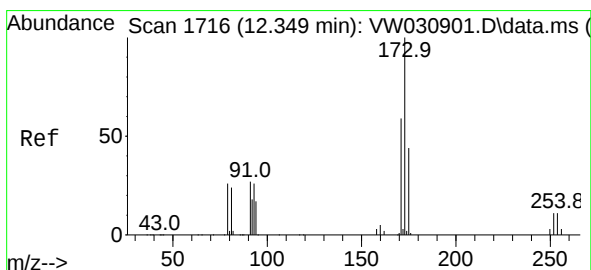
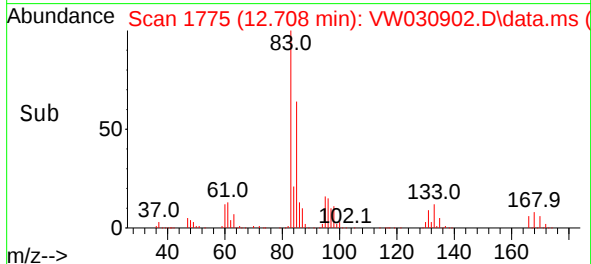
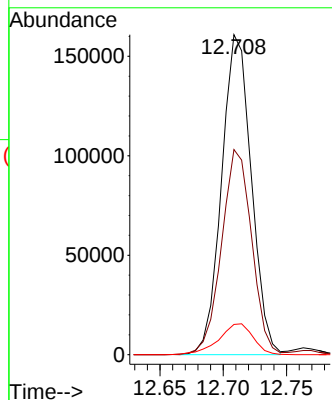
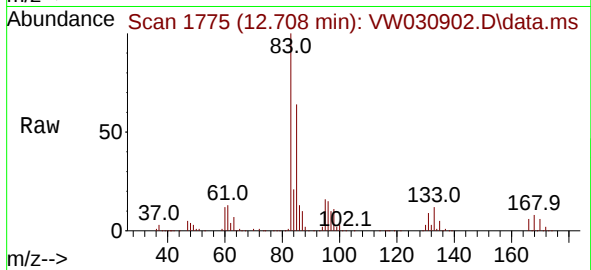




#57
1,1,2,2-Tetrachloroethane
Concen: 48.889 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

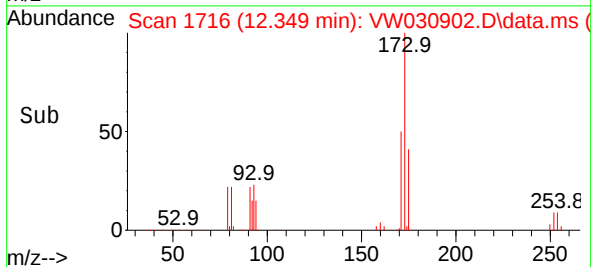
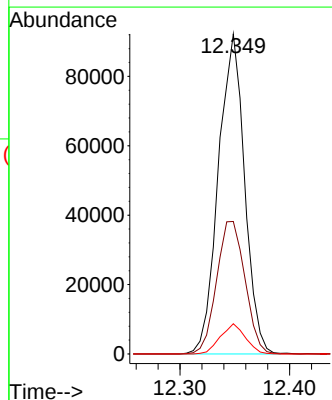
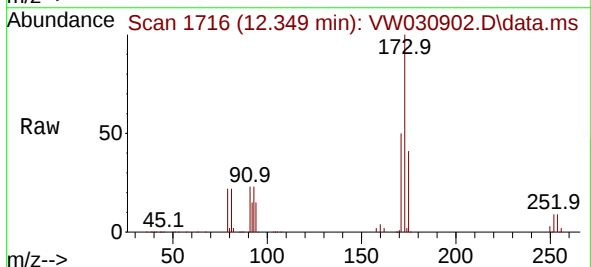
Instrument :
MSVOA_W
ClientSampleId :

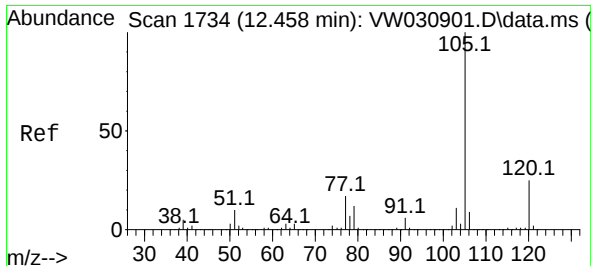
Tgt Ion: 83 Resp: 262857
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.7
131 9.4 7.7 11.5



#59
Bromoform
Concen: 53.283 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

Tgt Ion:173 Resp: 153069
Ion Ratio Lower Upper
173 100
175 44.9 39.3 58.9
254 9.0 7.8 11.6

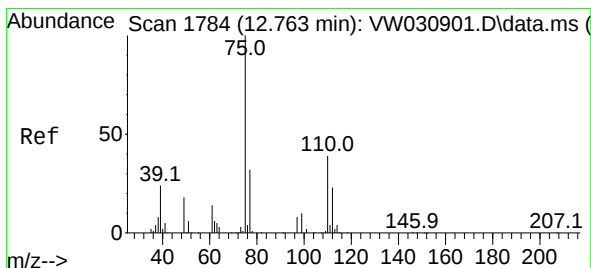
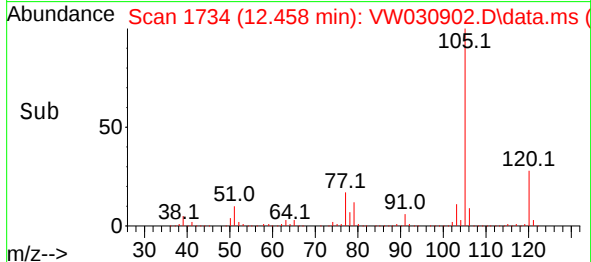
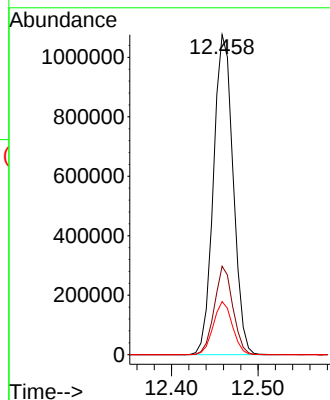
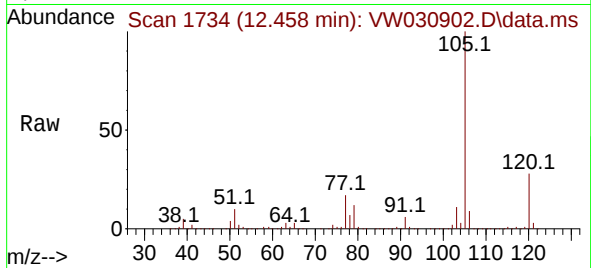




#60
Isopropylbenzene
Concen: 55.296 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

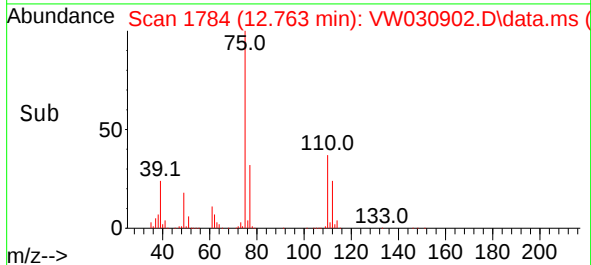
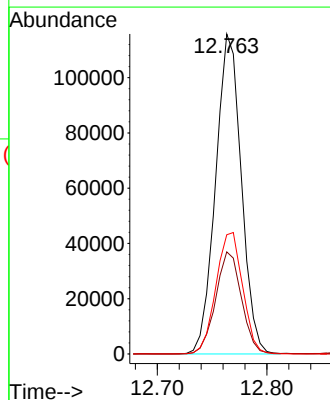
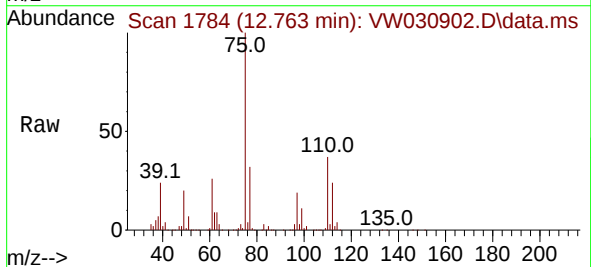
Instrument :
MSVOA_W
ClientSampleId :

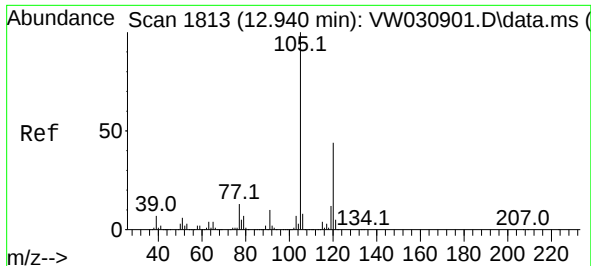
Tgt Ion:105 Resp: 1696953
Ion Ratio Lower Upper
105 100
120 26.1 20.6 31.0
77 16.1 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 50.042 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

Tgt Ion: 75 Resp: 188754
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 39.4 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 58.215 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Instrument :

MSVOA_W

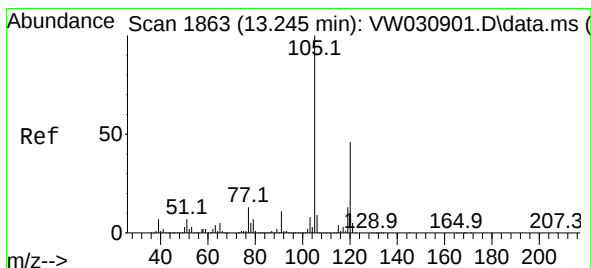
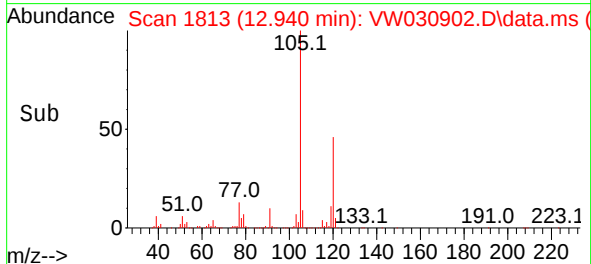
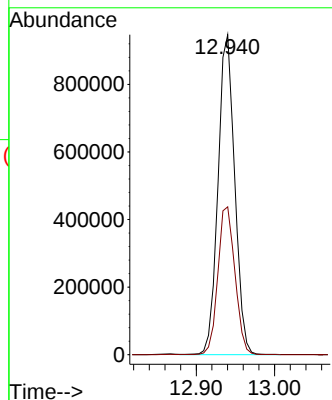
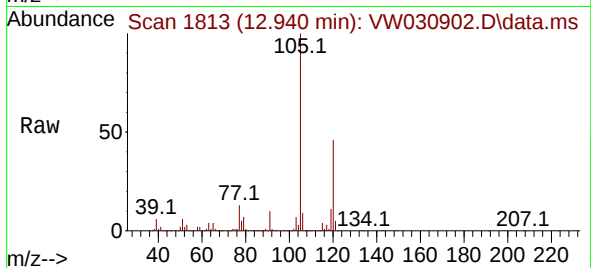
ClientSampleId :

Tgt Ion:105 Resp: 1406624

Ion Ratio Lower Upper

105 100

120 47.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 57.436 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030902.D

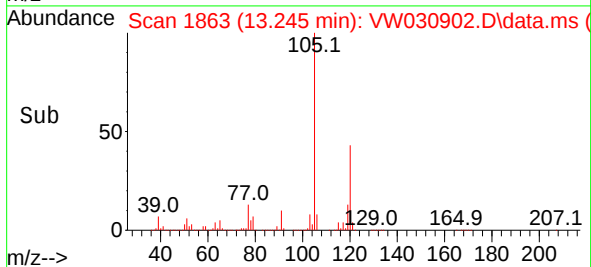
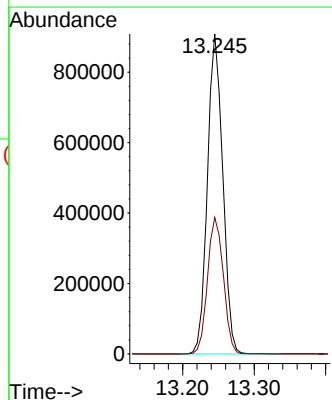
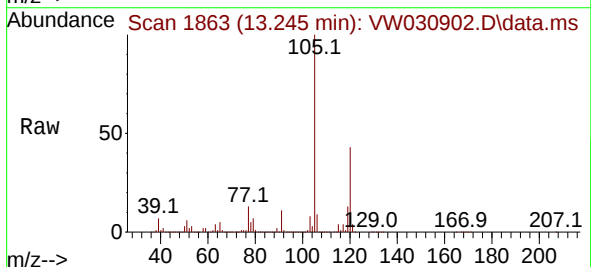
Acq: 04 Nov 2024 11:27

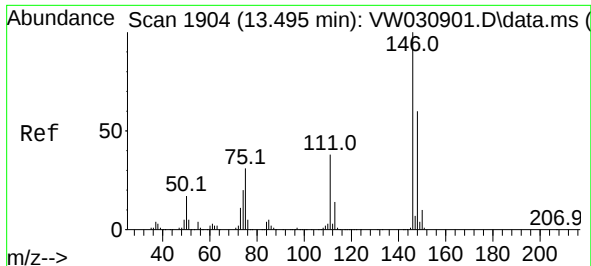
Tgt Ion:105 Resp: 1351514

Ion Ratio Lower Upper

105 100

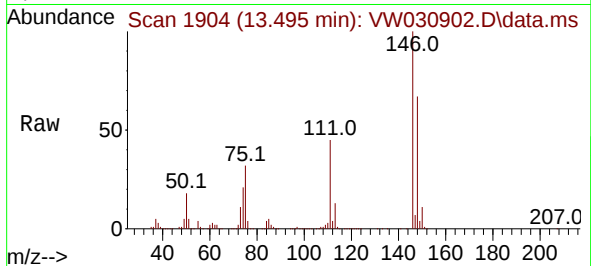
120 44.2 35.9 53.9



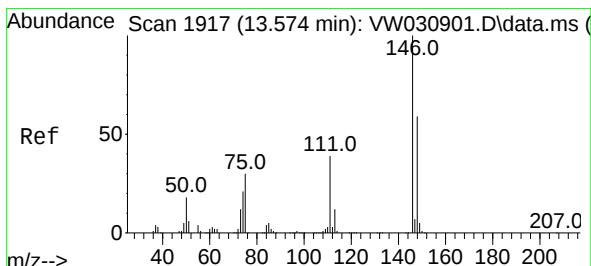
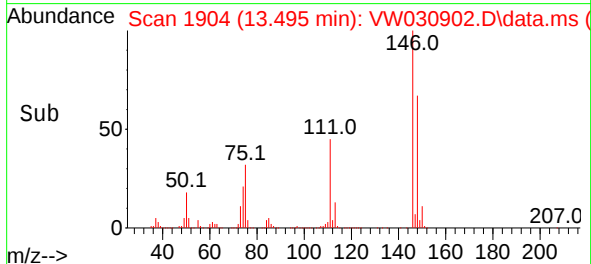
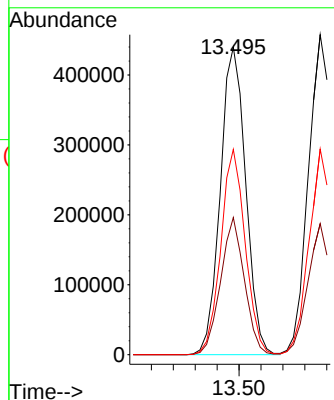


#64
1,3-Dichlorobenzene
Concen: 52.483 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

Instrument :
MSVOA_W
ClientSampleId :

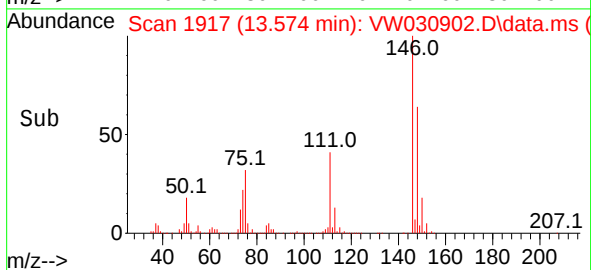
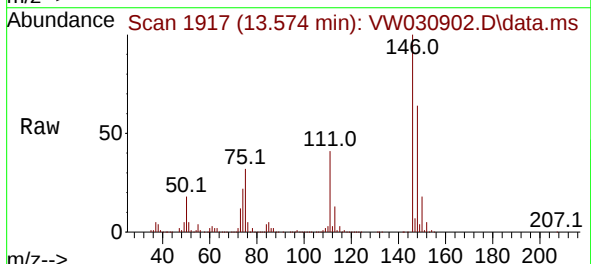
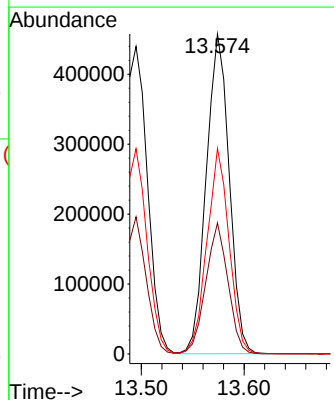


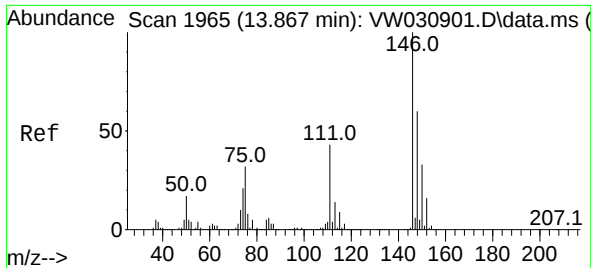
Tgt Ion:146 Resp: 707218
Ion Ratio Lower Upper
146 100
111 44.6 26.8 49.8
148 66.7 41.8 77.6



#65
1,4-Dichlorobenzene
Concen: 51.253 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

Tgt Ion:146 Resp: 709033
Ion Ratio Lower Upper
146 100
111 40.9 27.6 51.4
148 64.2 41.6 77.2





#67

1,2-Dichlorobenzene

Concen: 51.279 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

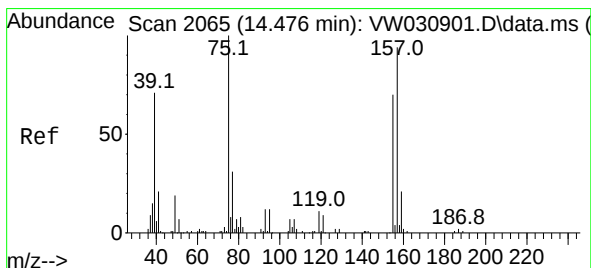
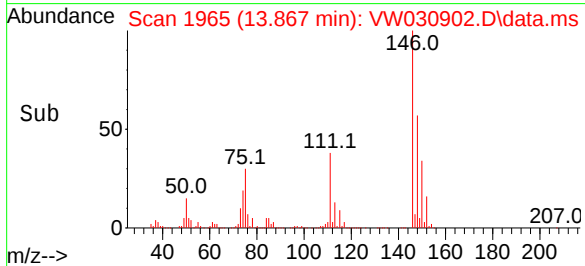
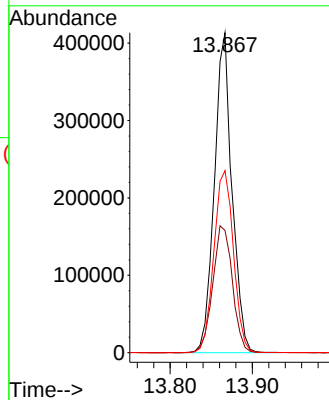
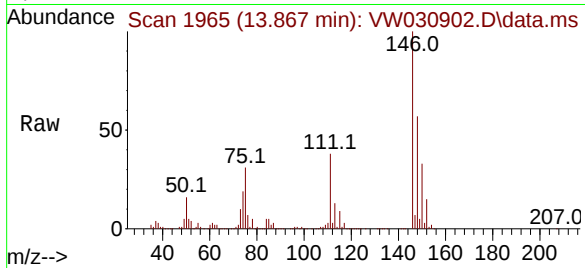
Tgt Ion:146 Resp: 615851

Ion Ratio Lower Upper

146 100

111 38.2 34.3 51.5

148 56.9 48.0 72.0



#68

1,2-Dibromo-3-chloropropane

Concen: 51.487 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

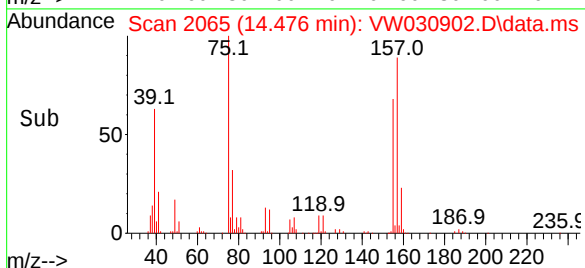
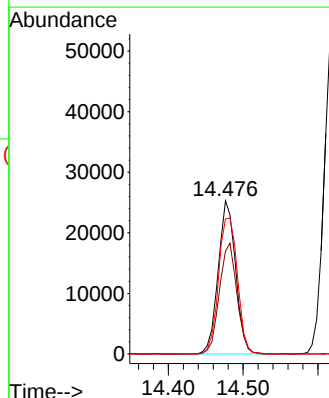
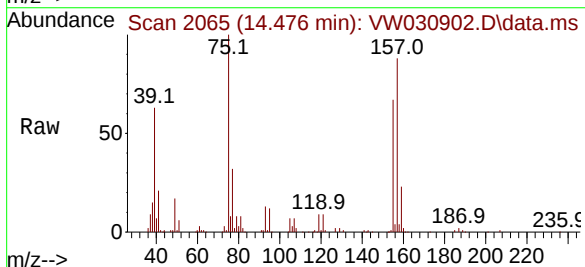
Tgt Ion: 75 Resp: 41115

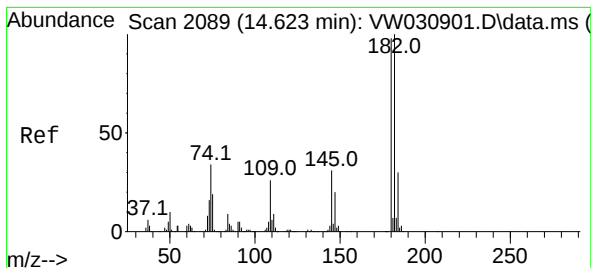
Ion Ratio Lower Upper

75 100

155 67.1 56.2 84.2

157 88.2 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 51.340 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 459079

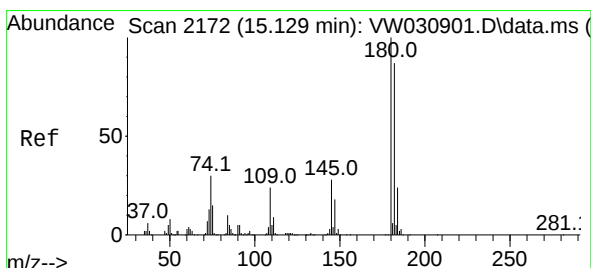
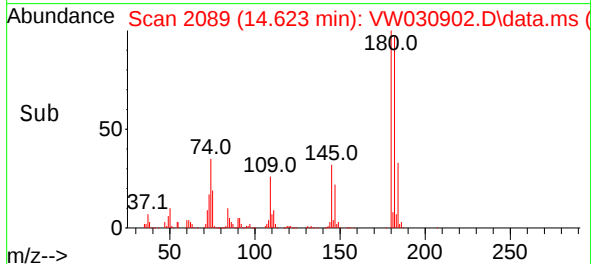
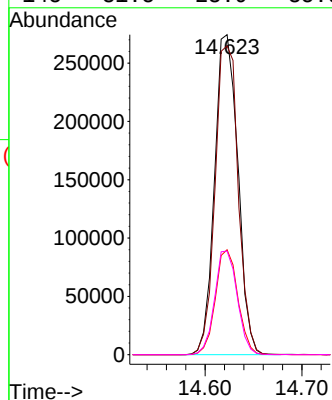
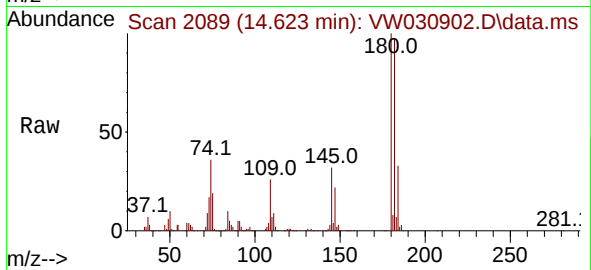
Ion Ratio Lower Upper

180 100

182 96.1 76.6 114.8

184 31.6 23.9 35.9

145 31.5 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 54.135 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030902.D

Acq: 04 Nov 2024 11:27

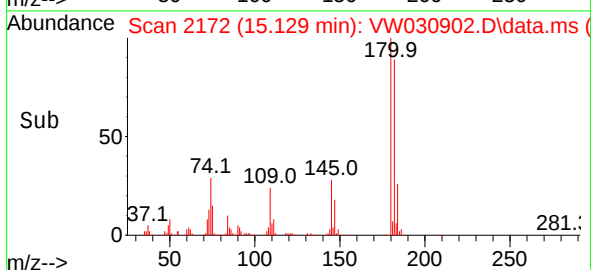
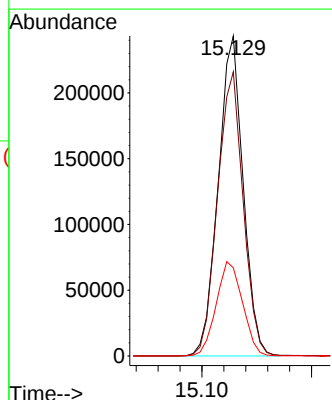
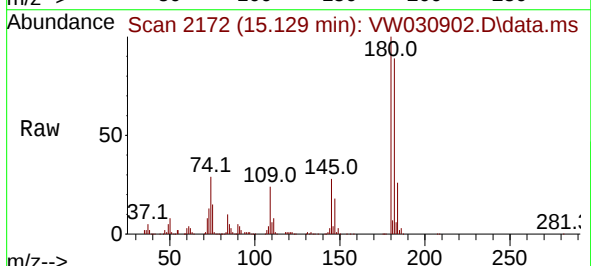
Tgt Ion:180 Resp: 384375

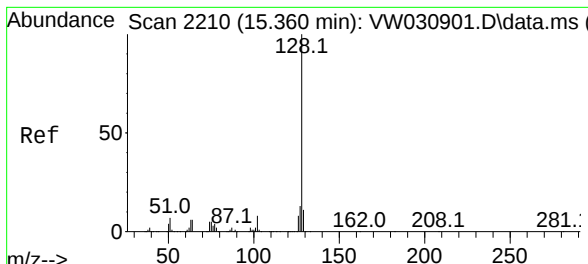
Ion Ratio Lower Upper

180 100

182 91.2 74.5 111.7

145 31.2 24.2 36.2



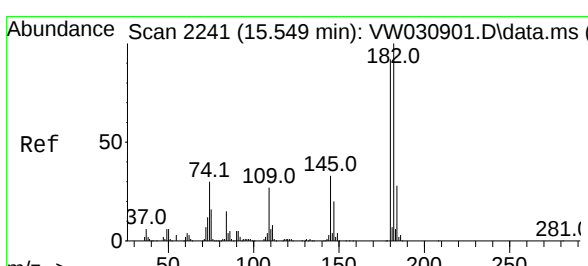
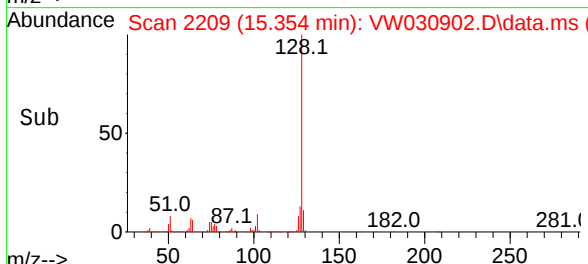
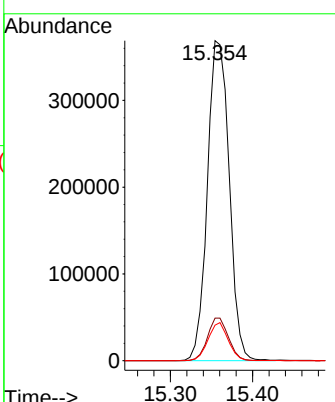
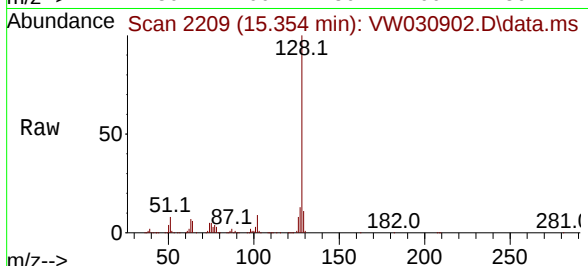


#71
Naphthalene
Concen: 59.117 ug/L
RT: 15.354 min Scan# 2210
Delta R.T. -0.006 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 680454

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.011 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW030902.D
Acq: 04 Nov 2024 11:27

Tgt Ion:180 Resp: 318265

Ion	Ratio	Lower	Upper
180	100		
182	95.7	79.2	118.8
145	33.7	27.0	40.6

