

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030906.D
 Acq On : 04 Nov 2024 14:36
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 00:32:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:26:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	458258	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	420429	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	204380	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	182136	24.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.920%
7) Chloroethane-d5	2.899	69	145213	25.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.760%
11) 1,1-Dichloroethene-d2	4.015	65	79282	25.564	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.240%
21) 2-Butanone-d5	7.081	46	65822	53.218	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.440%
24) Chloroform-d	7.648	84	369371	27.341	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.360%
26) 1,2-Dichloroethane-d4	8.301	65	180177	26.824	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.280%
32) Benzene-d6	8.270	84	715689	27.401	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.600%
36) 1,2-Dichloropropane-d6	9.270	67	206059	26.762	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.040%
41) Toluene-d8	10.319	98	666189	28.436	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.760%
43) trans-1,3-Dichloroprop...	10.575	79	85387	27.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.440%
47) 2-Hexanone-d5	10.922	63	56586	56.706	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	141868	26.446	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	195415	26.249	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	117705	24.114	ug/L	92
3) Chloromethane	2.222	50	157895	24.006	ug/L	99
5) Vinyl chloride	2.375	62	180204	23.118	ug/L	96
6) Bromomethane	2.789	94	116815	22.823	ug/L	92
8) Chloroethane	2.930	64	111668	23.631	ug/L	97
9) Trichlorofluoromethane	3.265	101	156166	21.952	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	146474	22.366	ug/L	89
12) 1,1-Dichloroethene	4.045	96	147041	24.824	ug/L	93
13) Acetone	4.125	43	76071	50.358	ug/L	99
14) Carbon disulfide	4.387	76	474567	24.372	ug/L	100
15) Methyl Acetate	4.667	43	52664	23.768	ug/L	99
16) Methylene chloride	4.917	84	153651	23.717	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	167185	25.728	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	220624	25.155	ug/L #	92
19) 1,1-Dichloroethane	6.216	63	302321	24.932	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	179277	26.006	ug/L	97
22) 2-Butanone	7.173	43	87247	51.574	ug/L	99
23) Bromochloromethane	7.514	128	75323	24.950	ug/L	93
25) Chloroform	7.673	83	312676	24.507	ug/L	100

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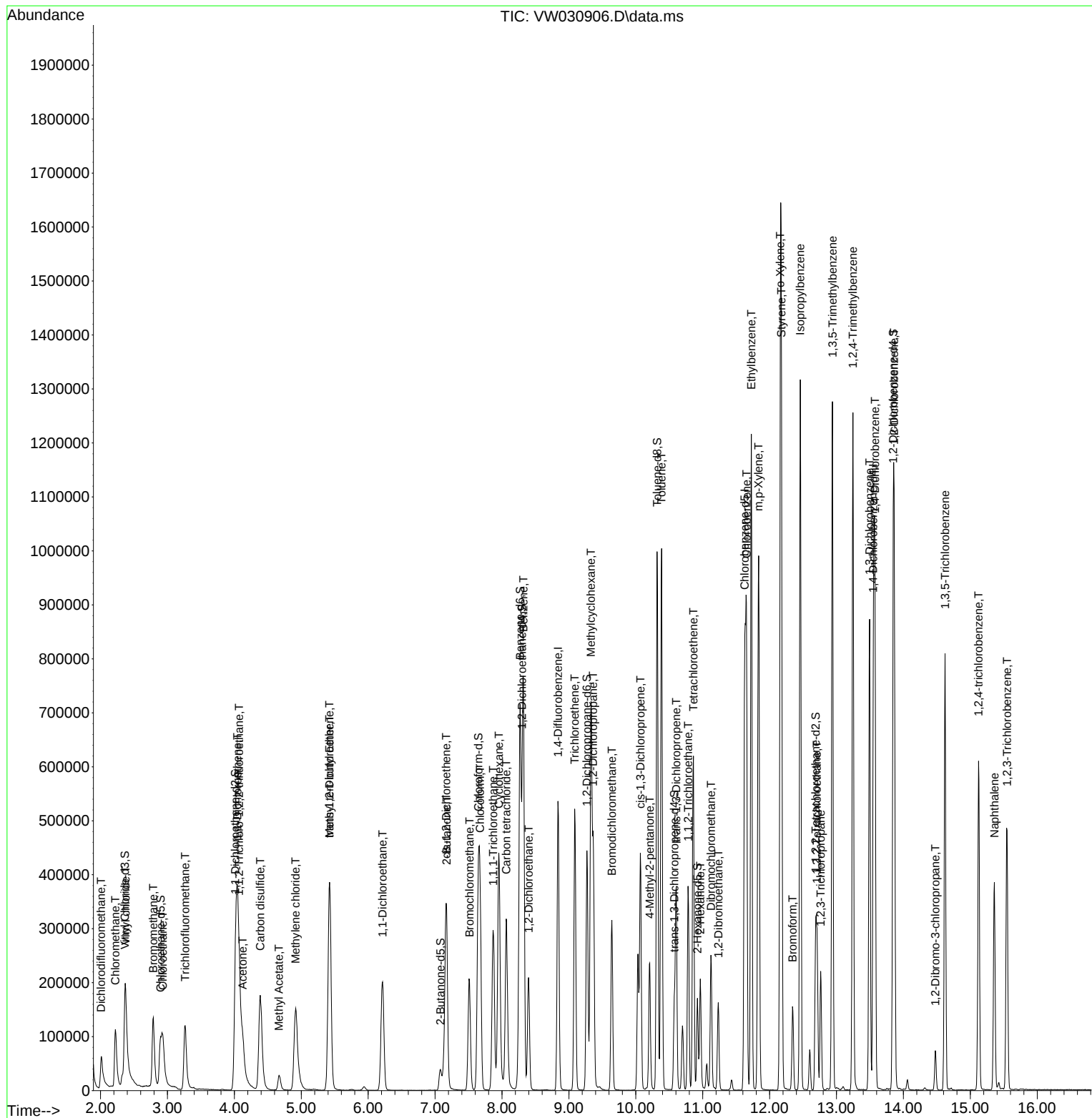
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	192401	24.214	ug/L	96
29) Cyclohexane	7.953	56	265232	26.325	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	255447	23.653	ug/L	99
31) Carbon tetrachloride	8.063	117	232650	23.974	ug/L	99
33) Benzene	8.319	78	674880	24.904	ug/L	100
34) Trichloroethene	9.087	95	181852	24.336	ug/L	97
35) Methylcyclohexane	9.331	83	303536	25.629	ug/L	97
37) 1,2-Dichloropropane	9.361	63	165117	24.381	ug/L	99
38) Bromodichloromethane	9.642	83	215091	24.184	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	260763	25.739	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	155472	50.198	ug/L	99
42) Toluene	10.386	91	733441	25.559	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	213364	25.351	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	118676	24.413	ug/L	97
46) Tetrachloroethene	10.861	164	136672	23.925	ug/L	85
48) 2-Hexanone	10.965	43	126519	53.693	ug/L	97
49) Dibromochloromethane	11.123	129	131108	24.737	ug/L	90
50) 1,2-Dibromoethane	11.233	107	111651	24.906	ug/L	100
51) Chlorobenzene	11.654	112	450369	24.523	ug/L	94
52) Ethylbenzene	11.727	91	823933	25.411	ug/L	99
53) m,p-Xylene	11.837	106	323926	26.563	ug/L	100
54) o-Xylene	12.160	106	294844	26.276	ug/L	90
55) Styrene	12.178	104	488442	25.477	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.708	83	129601	24.430	ug/L	99
59) Bromoform	12.343	173	69868	23.941	ug/L	97
60) Isopropylbenzene	12.458	105	823434	26.413	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	90671	23.663	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	671804	27.369	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	667862	27.939	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	344444	25.162	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	348612	24.806	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	309615	25.378	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	19812	24.422	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	238763	26.284	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	190880	26.463	ug/L	97
71) Naphthalene	15.360	128	330877	28.297	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	164016	26.385	ug/L	96

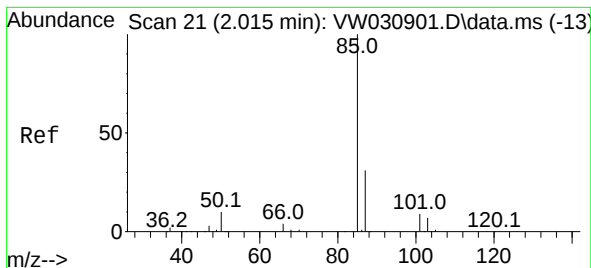
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 24.114 ug/L

RT: 2.009 min Scan# 20

Delta R.T. -0.006 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

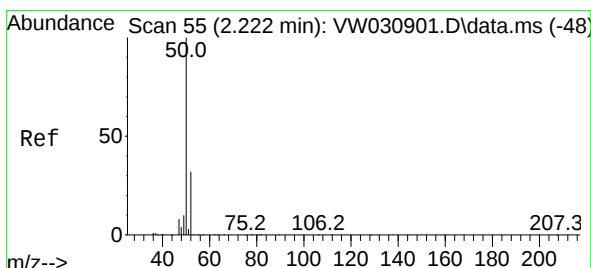
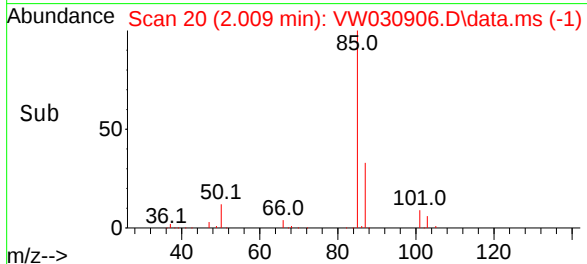
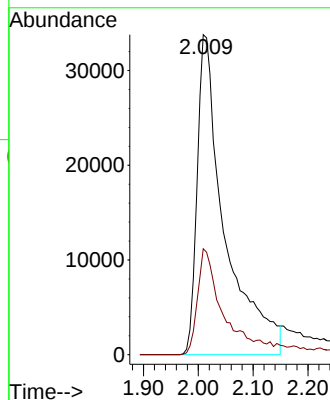
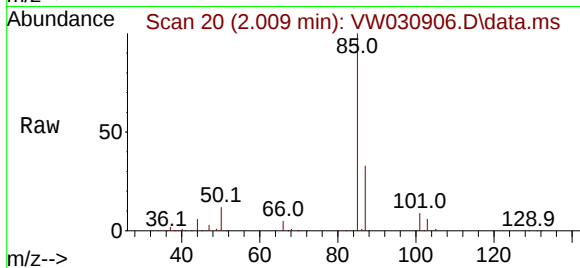
ClientSampleId :

Tgt Ion: 85 Resp: 117705

Ion Ratio Lower Upper

85 100

87 25.8 24.2 36.4



#3

Chloromethane

Concen: 24.006 ug/L

RT: 2.222 min Scan# 55

Delta R.T. 0.000 min

Lab File: VW030906.D

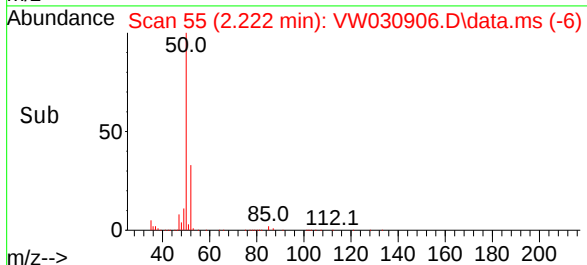
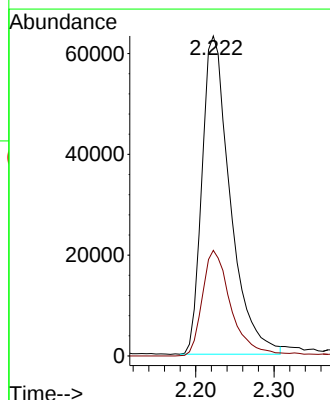
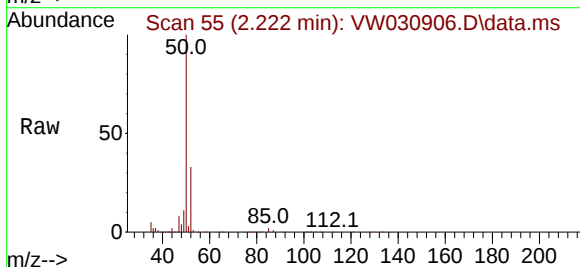
Acq: 04 Nov 2024 14:36

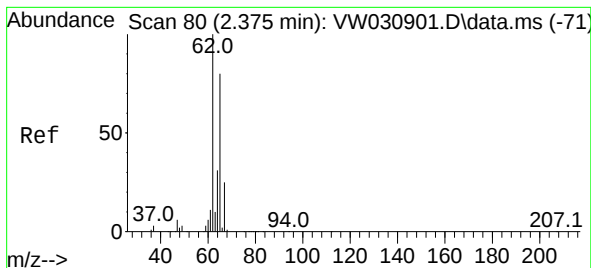
Tgt Ion: 50 Resp: 157895

Ion Ratio Lower Upper

50 100

52 33.0 22.5 41.9





#5

Vinyl chloride

Concen: 23.118 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

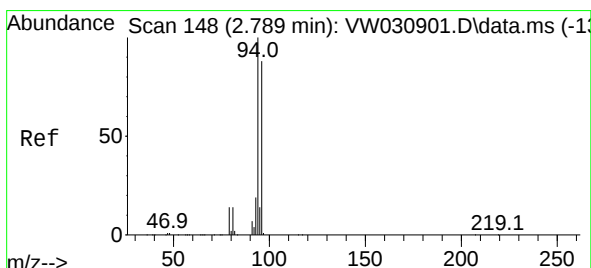
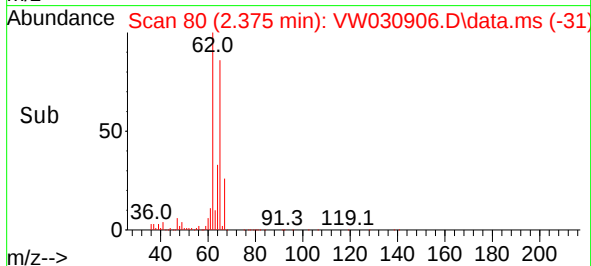
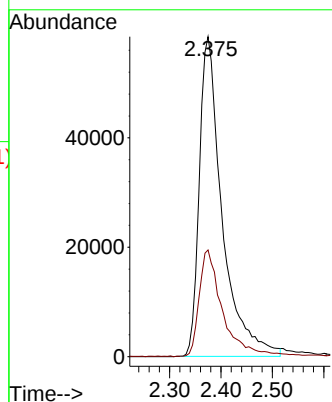
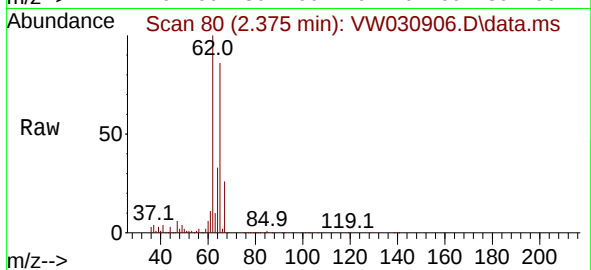
ClientSampleId :

Tgt Ion: 62 Resp: 180204

Ion Ratio Lower Upper

62 100

64 33.4 21.7 40.3



#6

Bromomethane

Concen: 22.823 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW030906.D

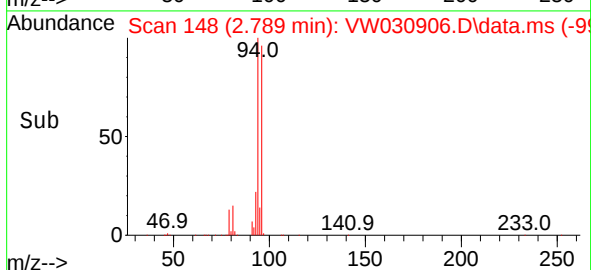
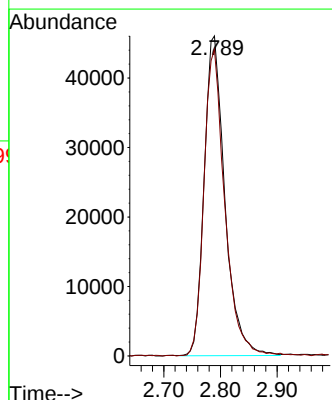
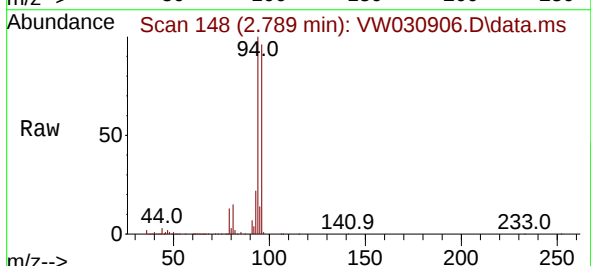
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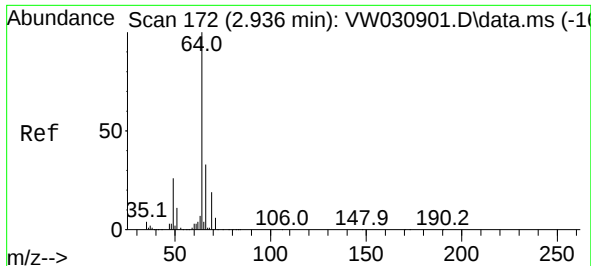
Tgt Ion: 94 Resp: 116815

Ion Ratio Lower Upper

94 100

96 95.8 61.6 114.4

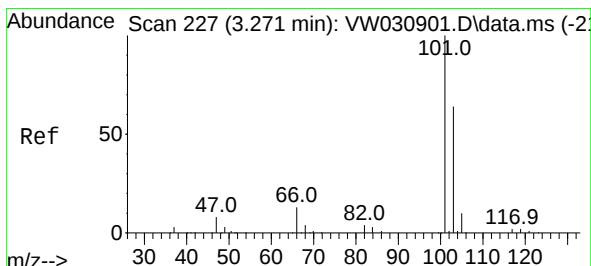
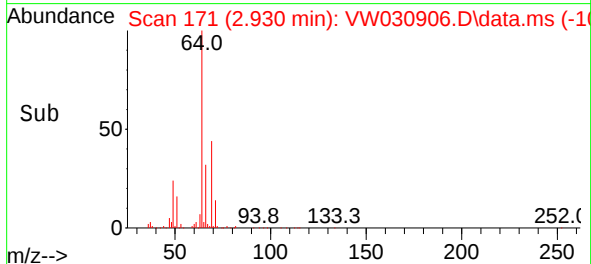
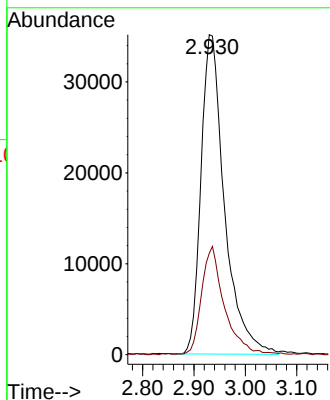
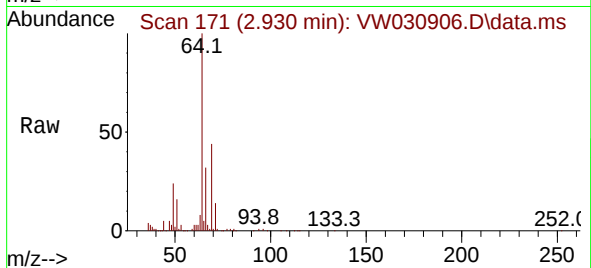




#8
Chloroethane
Concen: 23.631 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

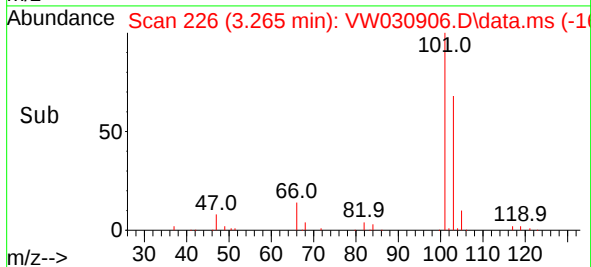
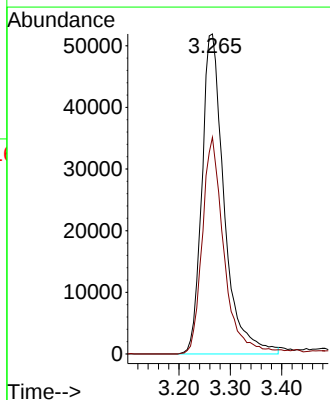
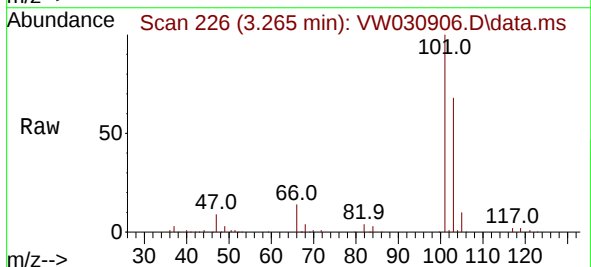
Instrument :
MSVOA_W
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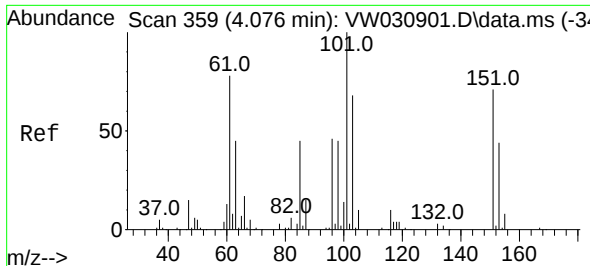
Tgt Ion: 64 Resp: 111668
Ion Ratio Lower Upper
64 100
66 31.6 23.5 43.7



#9
Trichlorofluoromethane
Concen: 21.952 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

Tgt Ion:101 Resp: 156166
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.6





#10

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

Concen: 22.366 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :

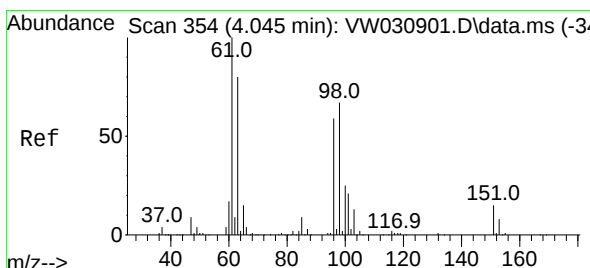
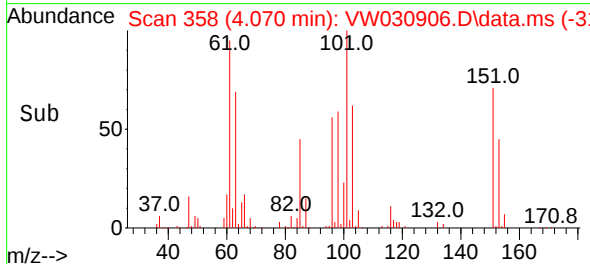
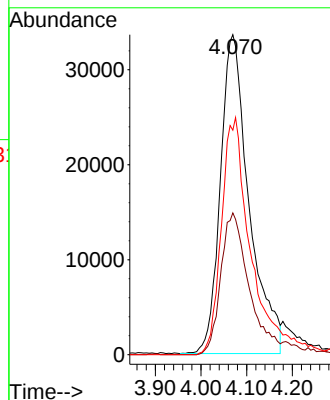
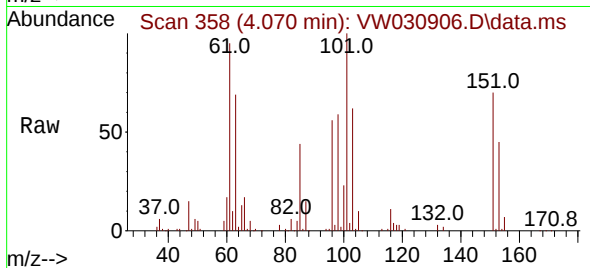
Tgt Ion:101 Resp: 146474

Ion Ratio Lower Upper

101 100

85 43.8 32.9 49.3

151 75.7 51.0 76.6



#12

1,1-Dichloroethene

Concen: 24.824 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030906.D

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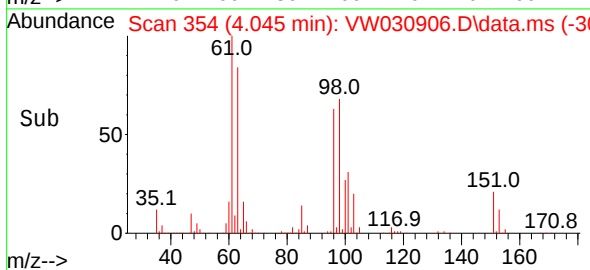
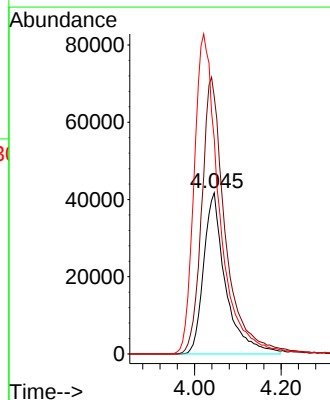
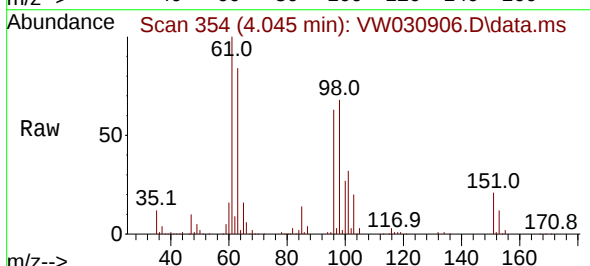
Tgt Ion: 96 Resp: 147041

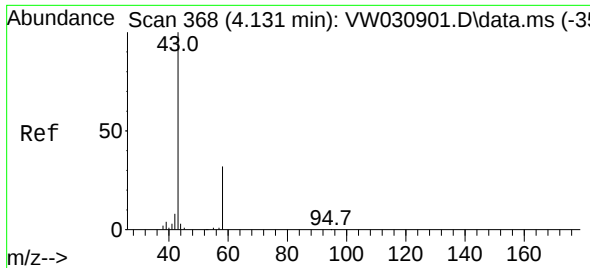
Ion Ratio Lower Upper

96 100

61 159.4 118.9 220.7

63 133.3 97.8 181.6

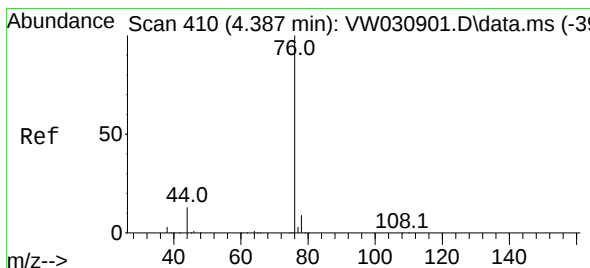
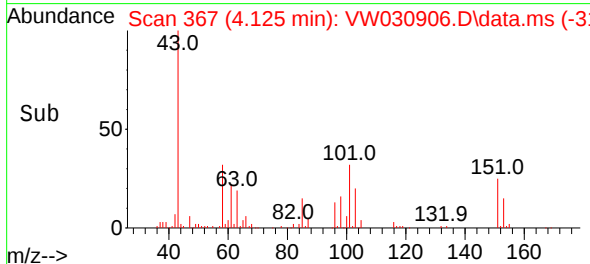
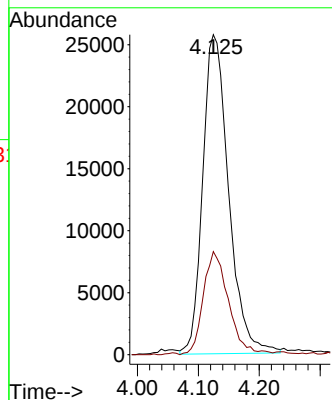
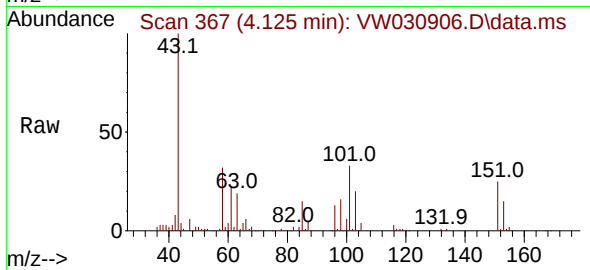




#13
Acetone
Concen: 50.358 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

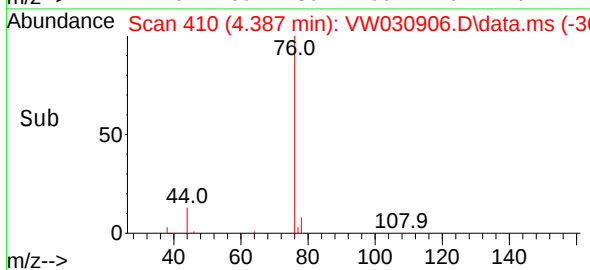
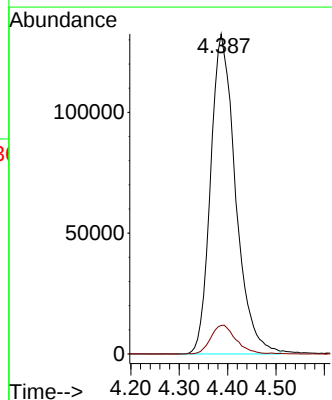
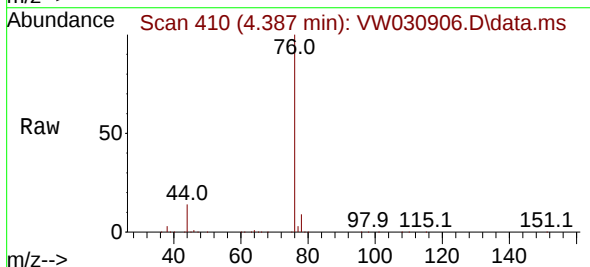
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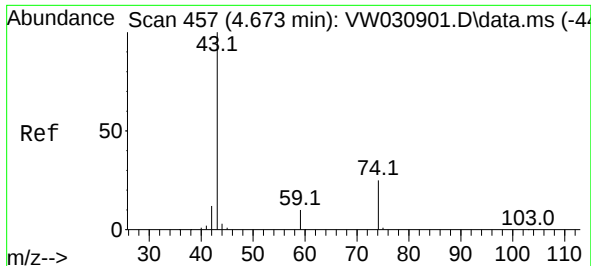
Tgt Ion: 43 Resp: 76071
Ion Ratio Lower Upper
43 100
58 31.0 0.0 62.6



#14
Carbon disulfide
Concen: 24.372 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

Tgt Ion: 76 Resp: 474567
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

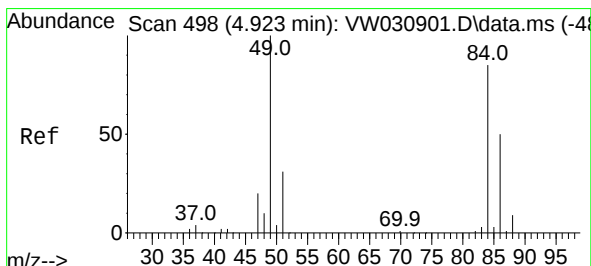
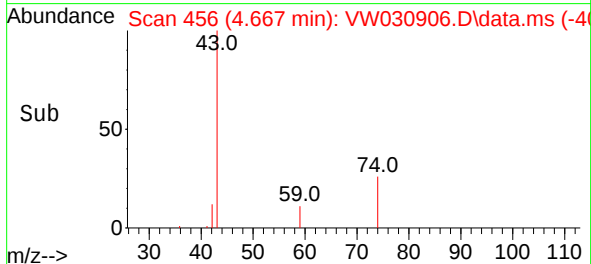
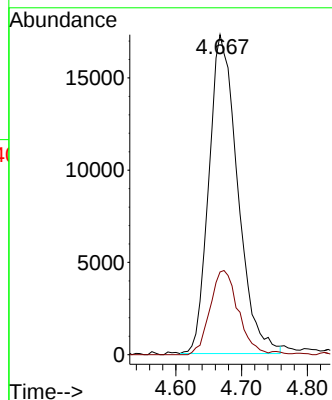
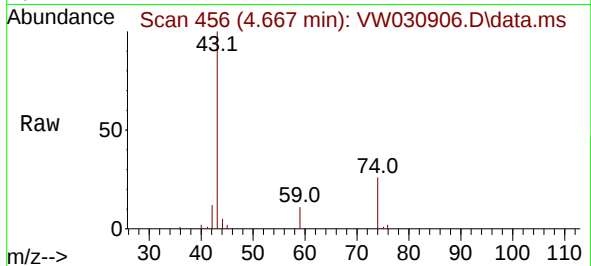




#15
Methyl Acetate
Concen: 23.768 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

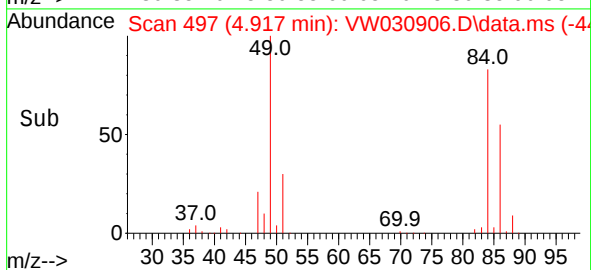
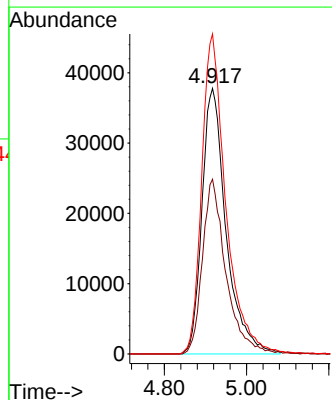
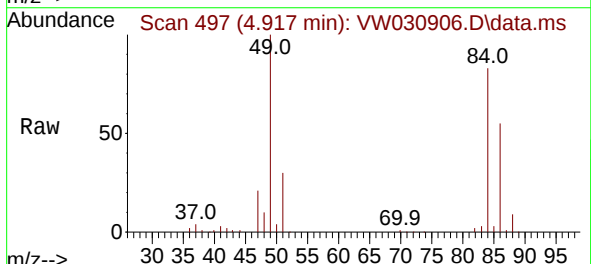
Instrument :
MSVOA_W
ClientSampleId :

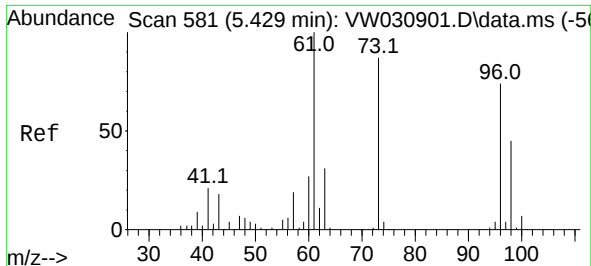
Tgt Ion: 43 Resp: 52664
Ion Ratio Lower Upper
43 100
74 25.8 20.2 30.2



#16
Methylene chloride
Concen: 23.717 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

Tgt Ion: 84 Resp: 153651
Ion Ratio Lower Upper
84 100
86 65.8 41.8 77.6
49 120.5 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 25.728 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :

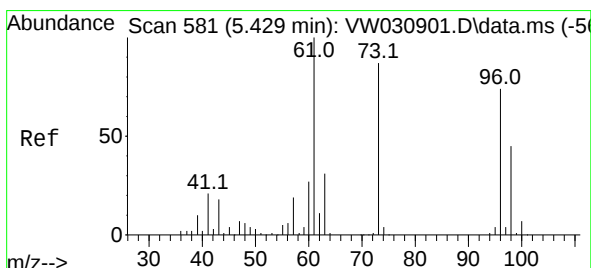
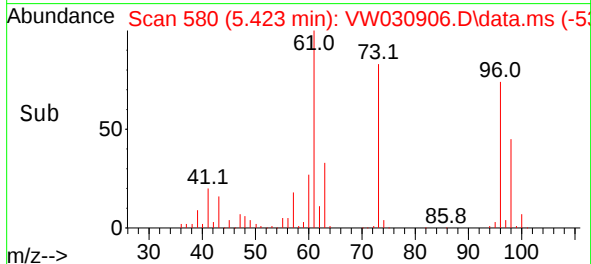
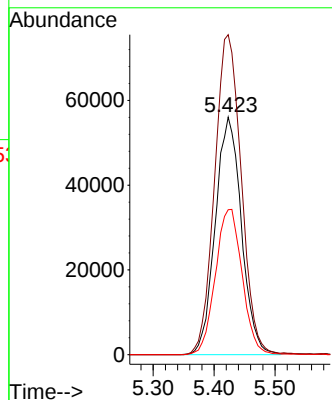
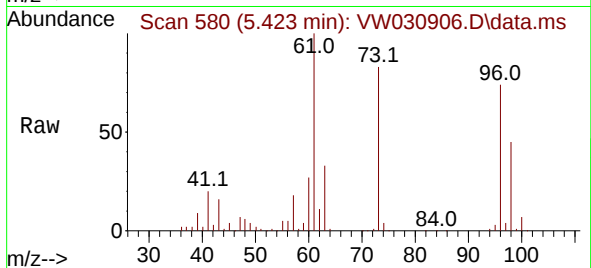
Tgt Ion: 96 Resp: 167185

Ion Ratio Lower Upper

96 100

61 134.7 95.2 176.8

98 61.0 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 25.155 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

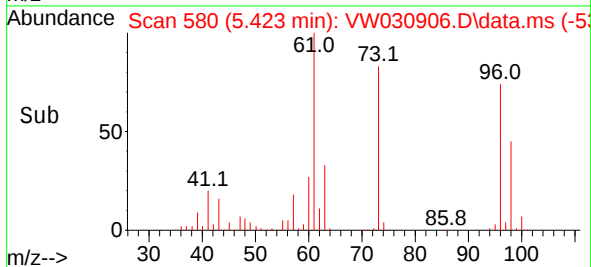
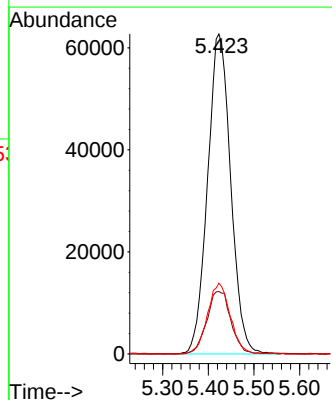
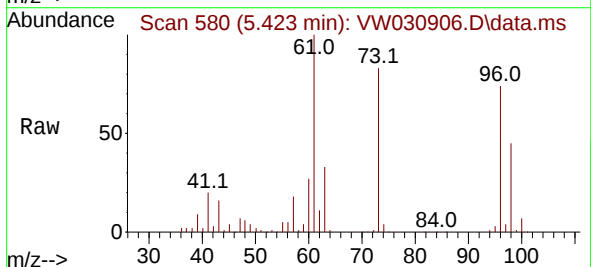
Tgt Ion: 73 Resp: 220624

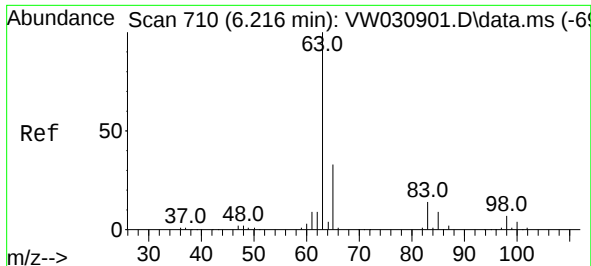
Ion Ratio Lower Upper

73 100

43 13.1 16.2 24.2#

57 21.7 17.3 25.9

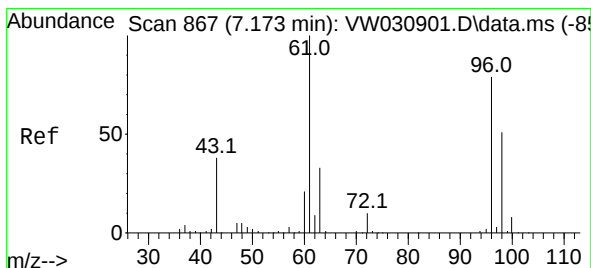
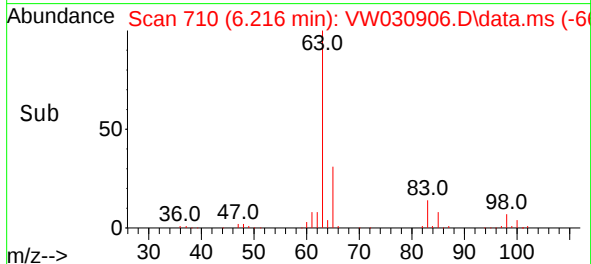
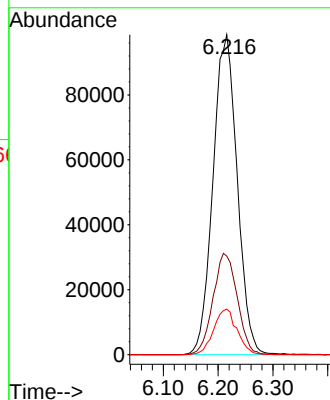
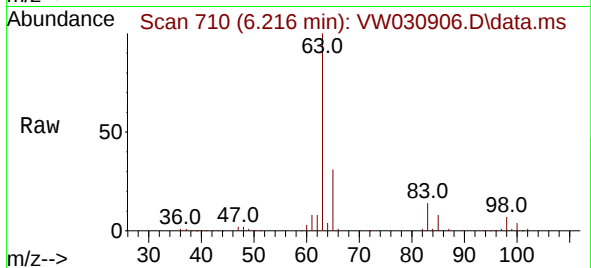




#19
1,1-Dichloroethane
Concen: 24.932 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

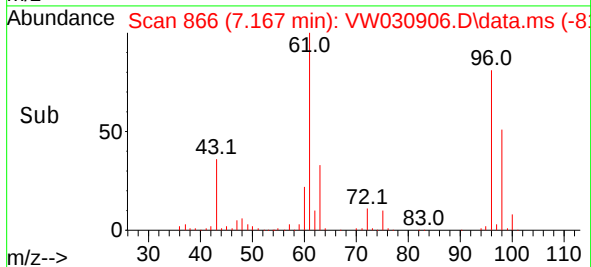
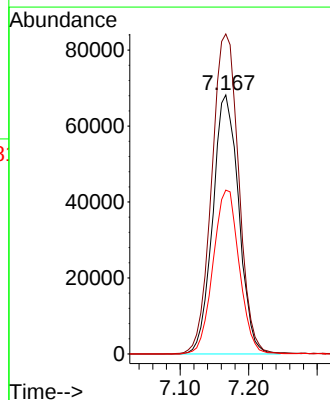
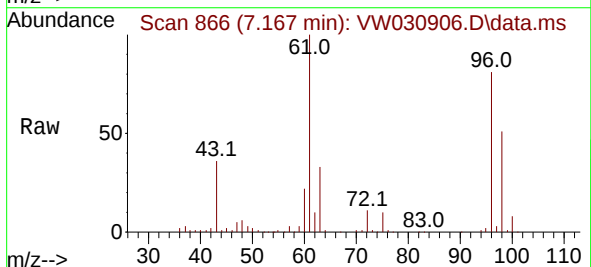
Instrument :
MSVOA_W
ClientSampleId :

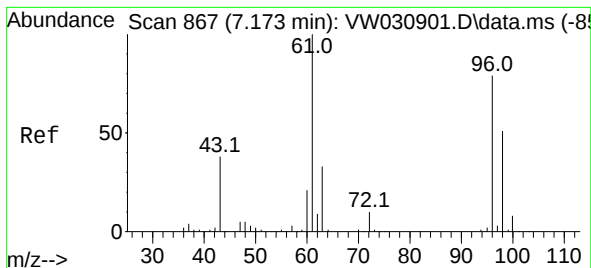
Tgt Ion: 63 Resp: 302321
Ion Ratio Lower Upper
63 100
65 30.8 23.0 42.8
83 14.3 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 26.006 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

Tgt Ion: 96 Resp: 179277
Ion Ratio Lower Upper
96 100
61 123.5 89.2 165.8
98 63.3 45.1 83.9





#22

2-Butanone

Concen: 51.574 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

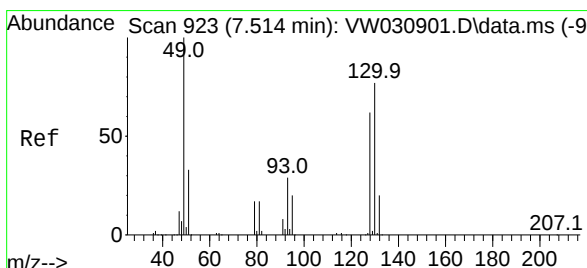
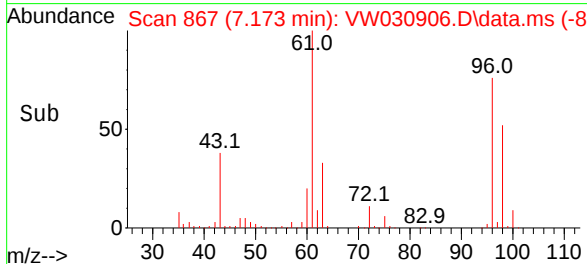
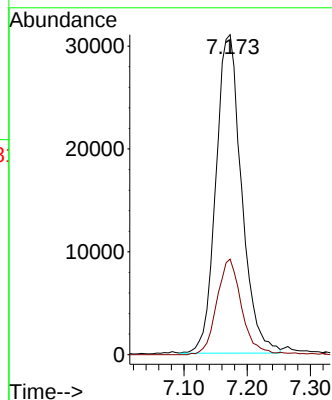
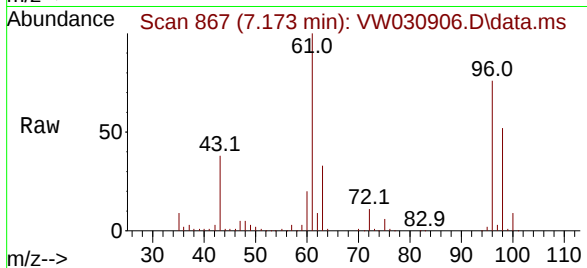
ClientSampleId :

Tgt Ion: 43 Resp: 87247

Ion Ratio Lower Upper

43 100

72 28.7 14.5 43.6



#23

Bromochloromethane

Concen: 24.950 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Tgt Ion: 128 Resp: 75323

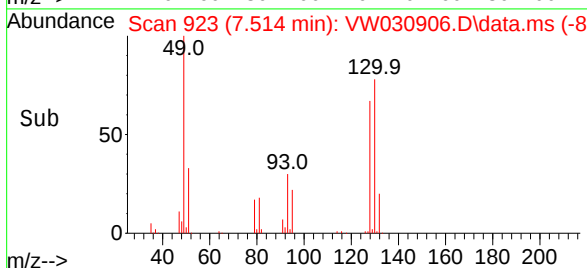
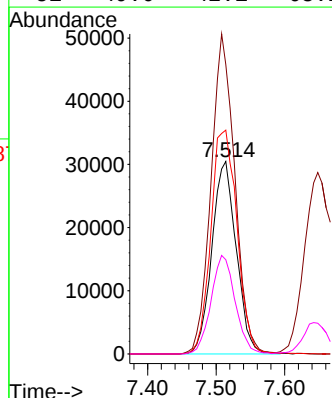
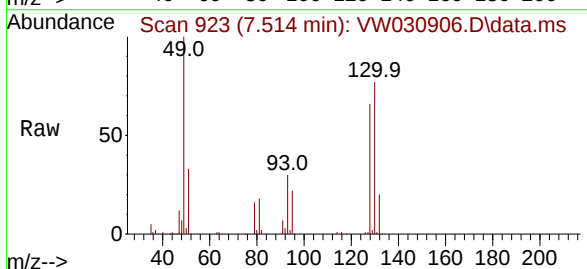
Ion Ratio Lower Upper

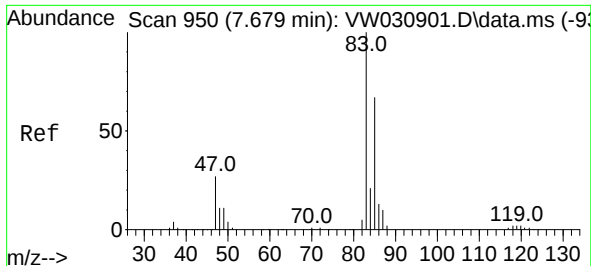
128 100

49 150.4 112.4 208.8

130 116.3 86.2 160.0

51 49.0 42.1 63.1





#25

Chloroform

Concen: 24.507 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

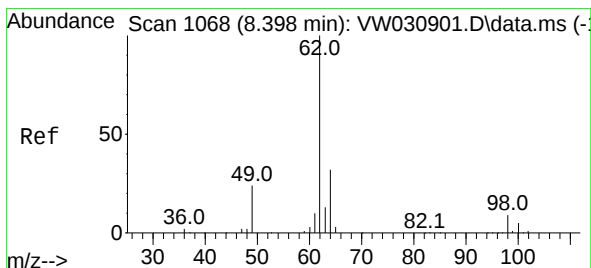
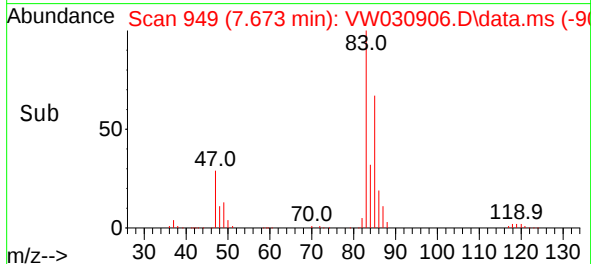
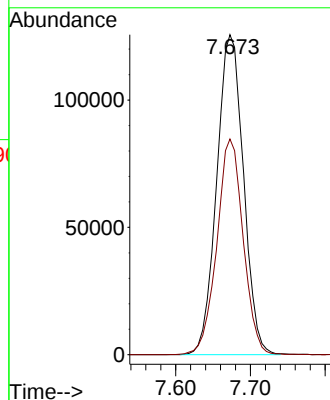
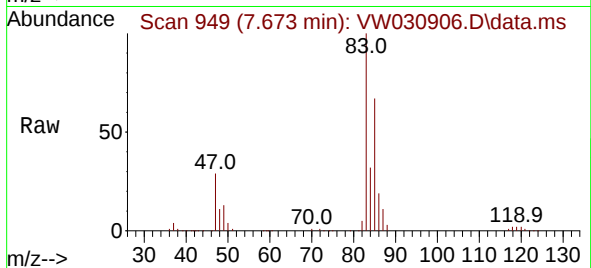
ClientSampleId :

Tgt Ion: 83 Resp: 312676

Ion Ratio Lower Upper

83 100

85 67.4 47.2 87.6



#27

1,2-Dichloroethane

Concen: 24.214 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030906.D

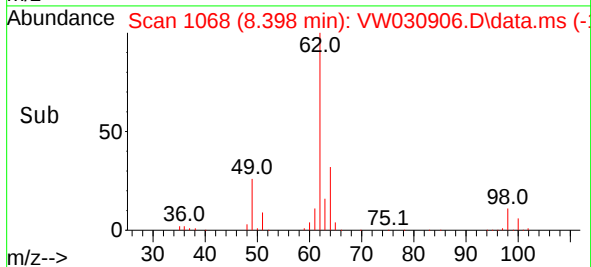
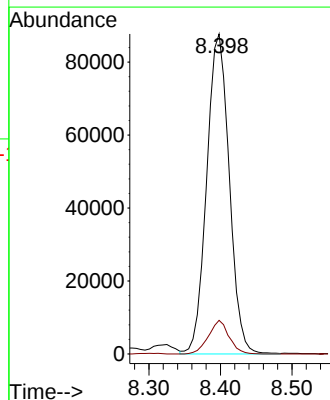
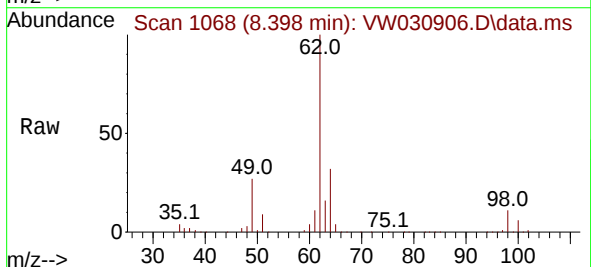
Acq: 04 Nov 2024 14:36

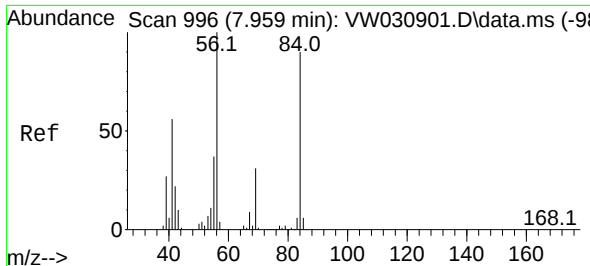
Tgt Ion: 62 Resp: 192401

Ion Ratio Lower Upper

62 100

98 10.5 7.1 10.7





#29

Cyclohexane

Concen: 26.325 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

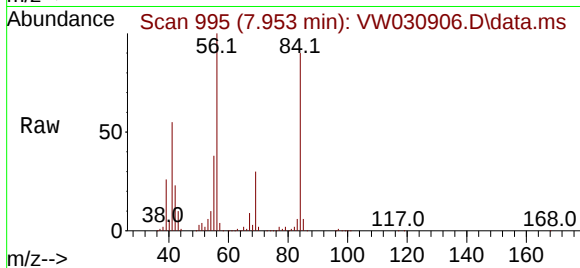
Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :



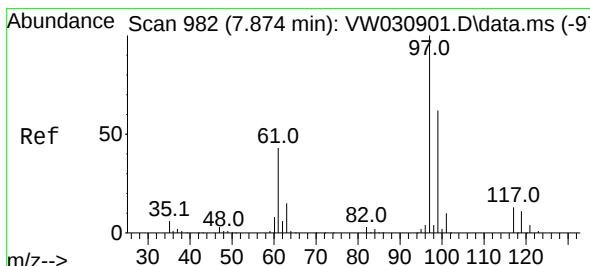
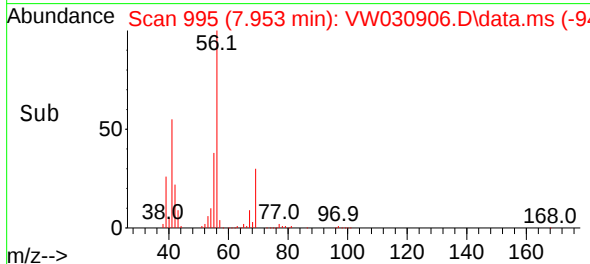
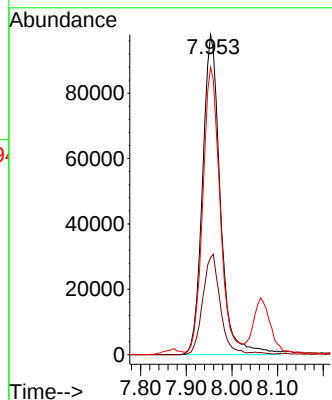
Tgt Ion: 56 Resp: 265232

Ion Ratio Lower Upper

56 100

69 30.6 24.8 37.2

84 85.3 69.5 104.3



#30

1,1,1-Trichloroethane

Concen: 23.653 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

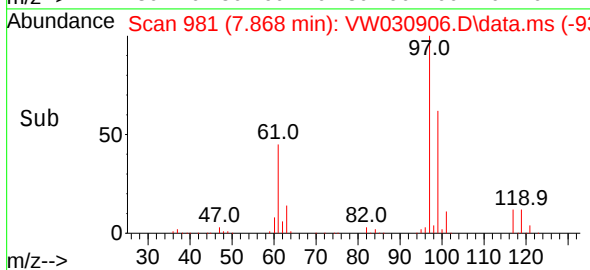
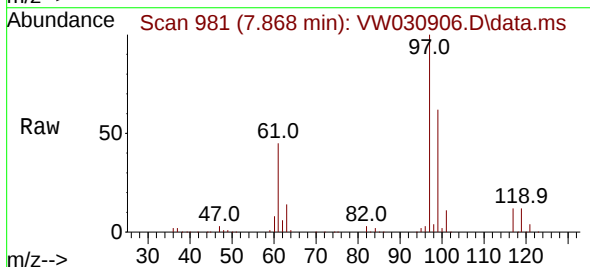
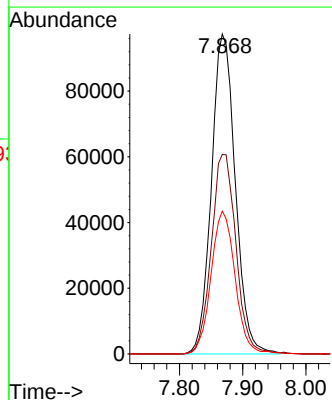
Tgt Ion: 97 Resp: 255447

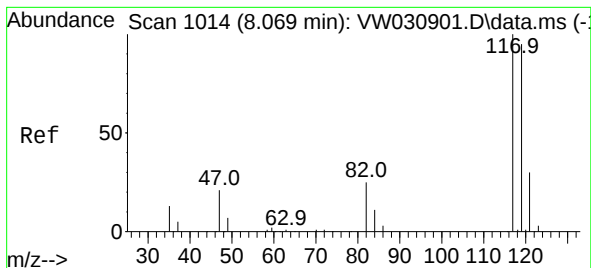
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 44.6 36.2 54.4





#31

Carbon tetrachloride

Concen: 23.974 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

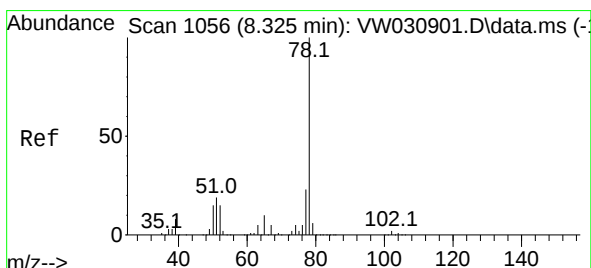
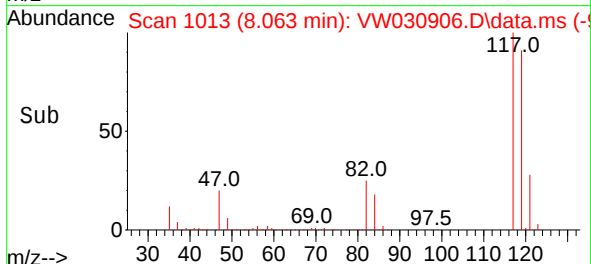
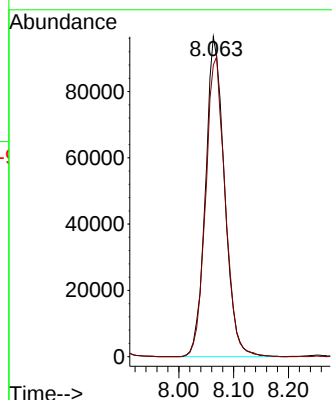
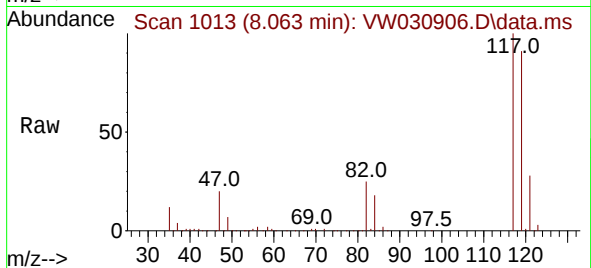
ClientSampleId :

Tgt Ion:117 Resp: 232650

Ion Ratio Lower Upper

117 100

119 95.8 76.2 114.2



#33

Benzene

Concen: 24.904 ug/L

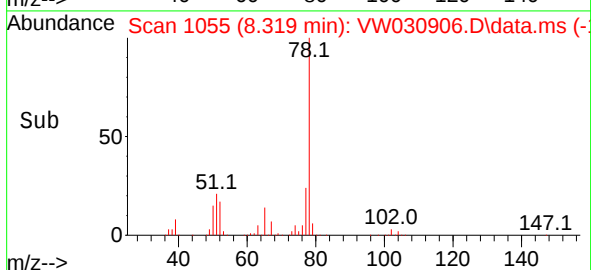
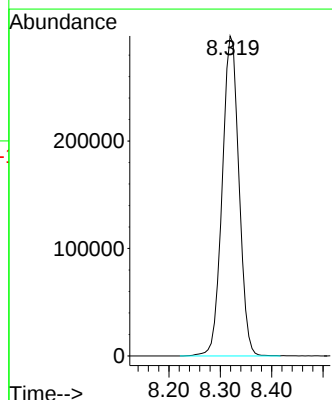
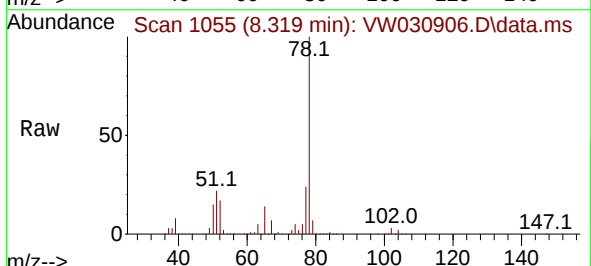
RT: 8.319 min Scan# 1055

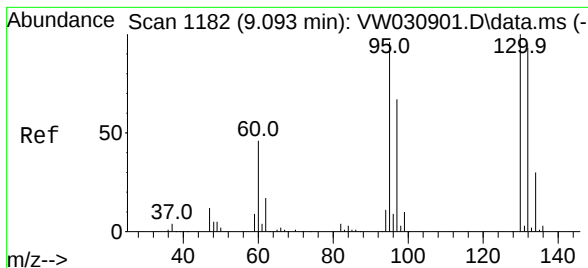
Delta R.T. -0.006 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Tgt Ion: 78 Resp: 674880





#34

Trichloroethene

Concen: 24.336 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 181852

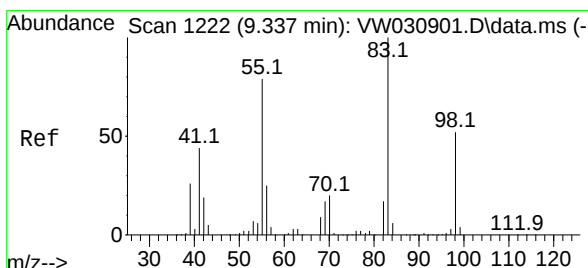
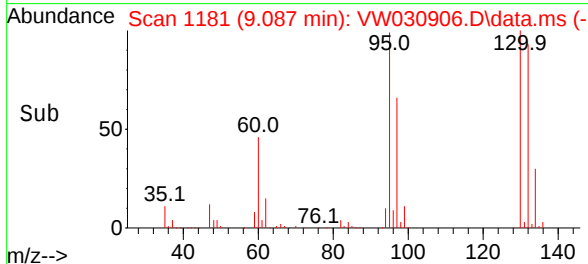
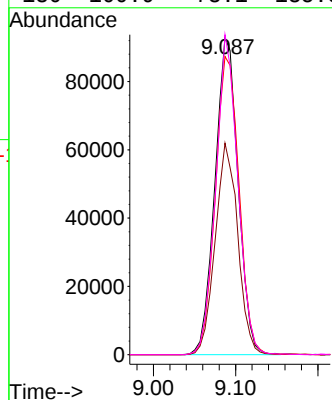
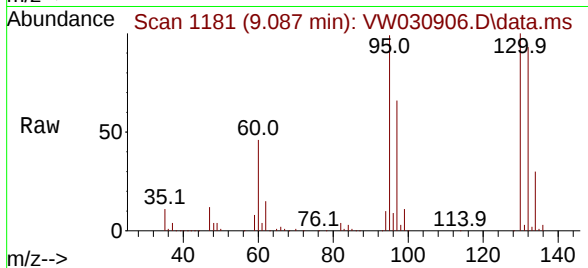
Ion Ratio Lower Upper

95 100

97 66.7 48.9 90.7

132 94.1 67.7 125.7

130 100.9 73.1 135.8



#35

Methylcyclohexane

Concen: 25.629 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

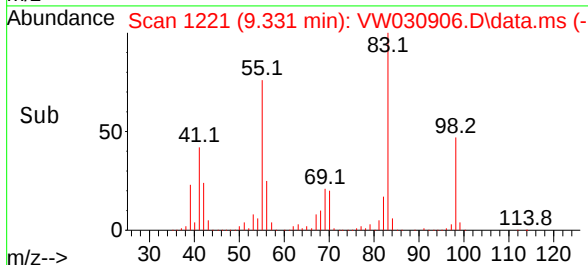
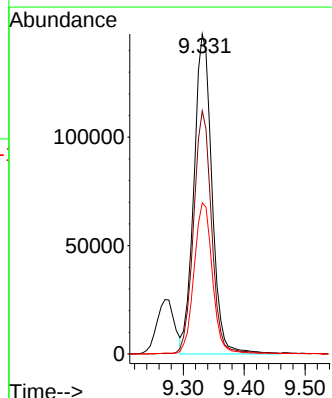
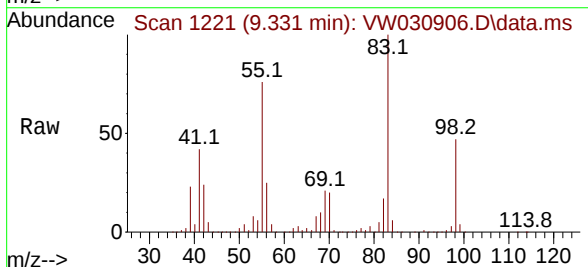
Tgt Ion: 83 Resp: 303536

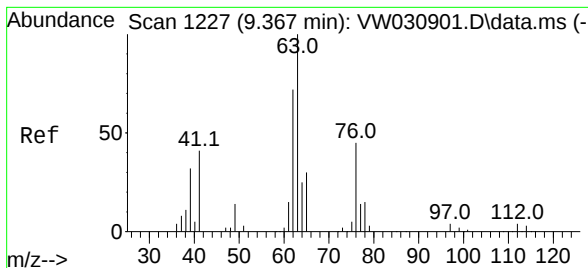
Ion Ratio Lower Upper

83 100

55 74.9 62.8 94.2

98 48.1 39.4 59.2





#37

1,2-Dichloropropane

Concen: 24.381 ug/L

RT: 9.361 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

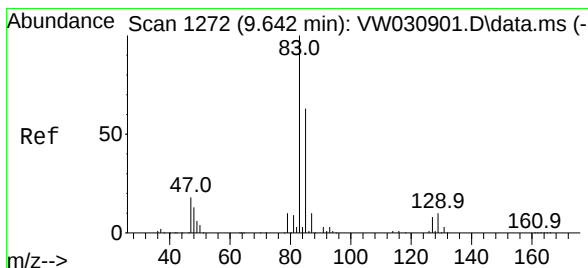
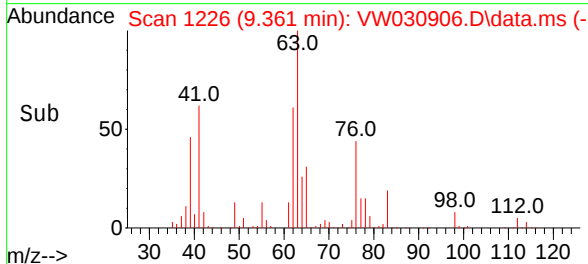
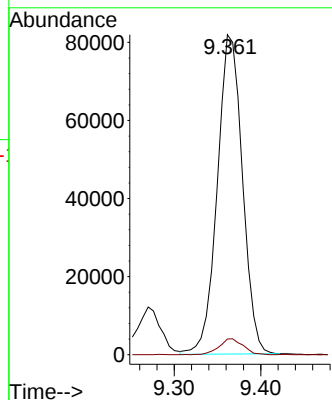
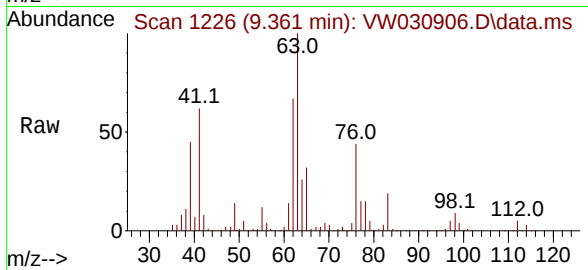
ClientSampleId :

Tgt Ion: 63 Resp: 165117

Ion Ratio Lower Upper

63 100

112 4.8 3.5 5.3



#38

Bromodichloromethane

Concen: 24.184 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

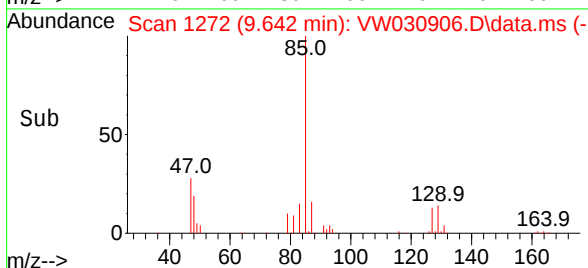
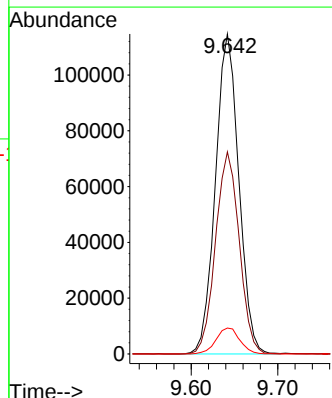
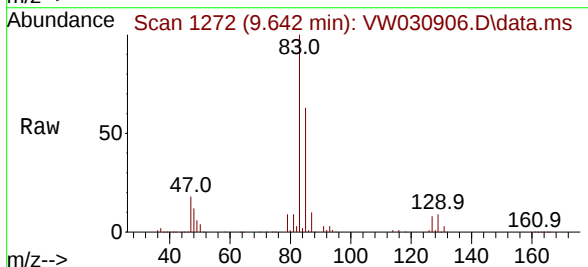
Tgt Ion: 83 Resp: 215091

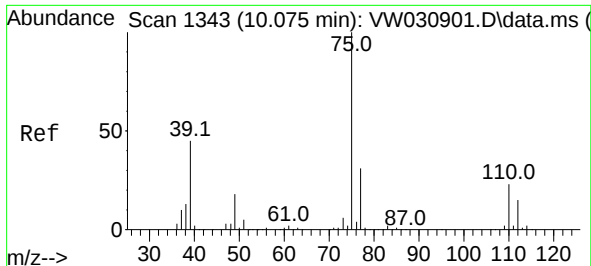
Ion Ratio Lower Upper

83 100

85 63.1 44.1 81.9

127 8.1 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 25.739 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

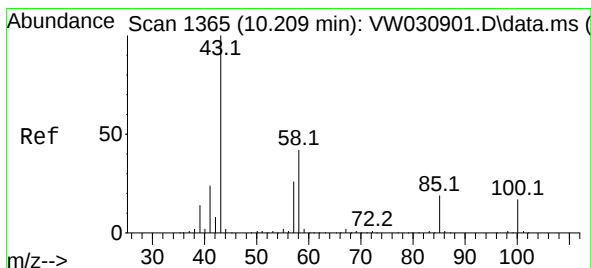
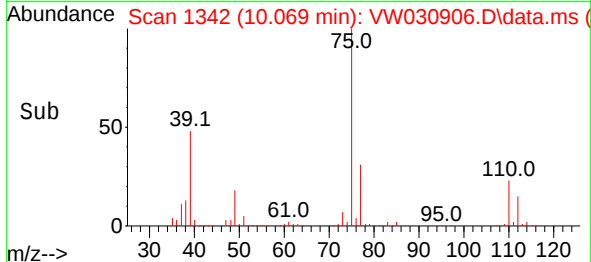
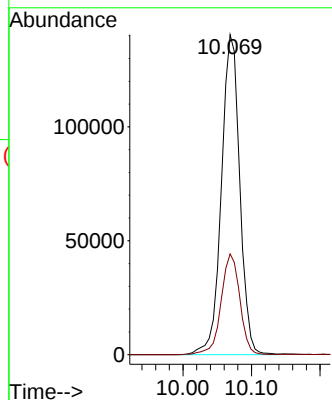
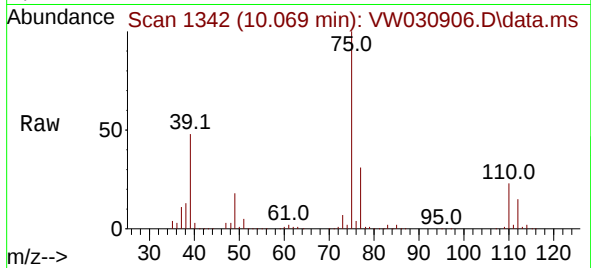
ClientSampleId :

Tgt Ion: 75 Resp: 260763

Ion Ratio Lower Upper

75 100

77 31.5 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 50.198 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

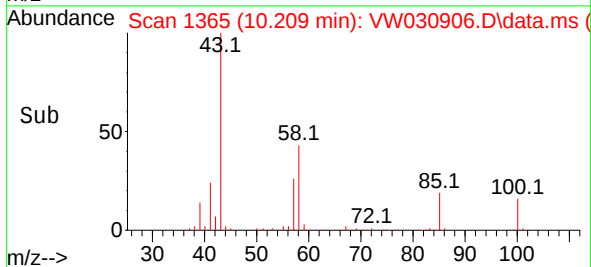
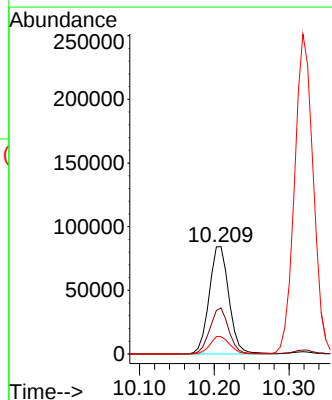
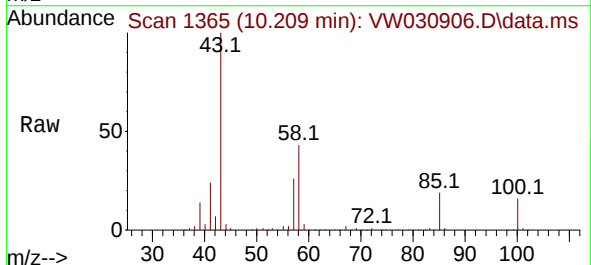
Tgt Ion: 43 Resp: 155472

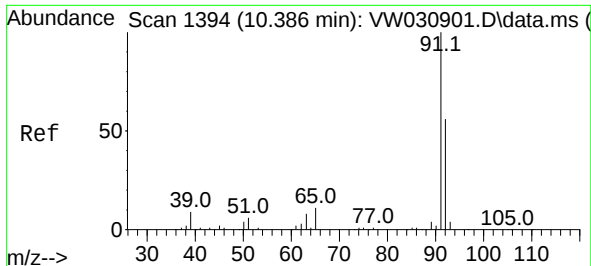
Ion Ratio Lower Upper

43 100

58 40.9 32.2 48.4

100 16.2 13.3 19.9





#42

Toluene

Concen: 25.559 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

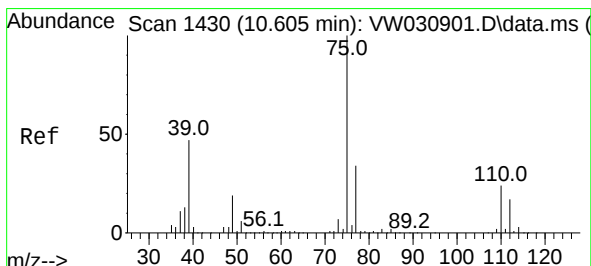
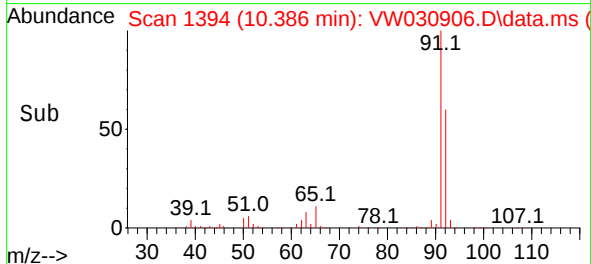
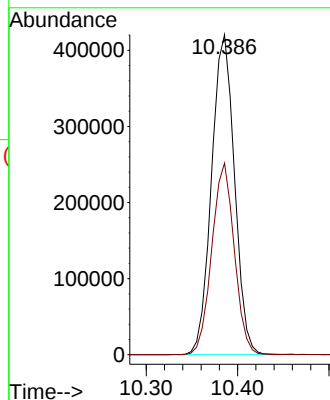
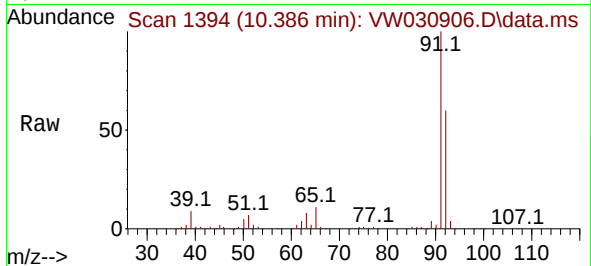
ClientSampleId :

Tgt Ion: 91 Resp: 733441

Ion Ratio Lower Upper

91 100

92 59.8 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 25.351 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030906.D

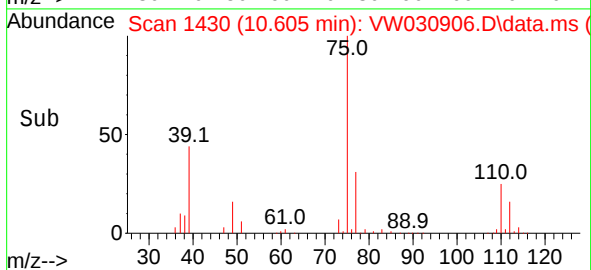
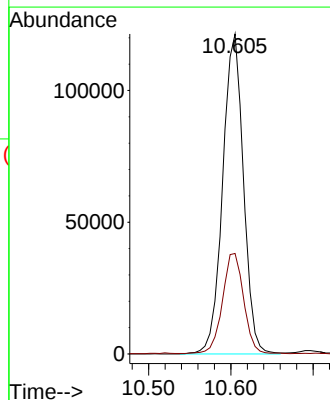
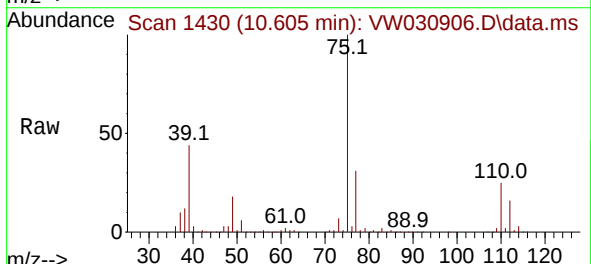
Acq: 04 Nov 2024 14:36

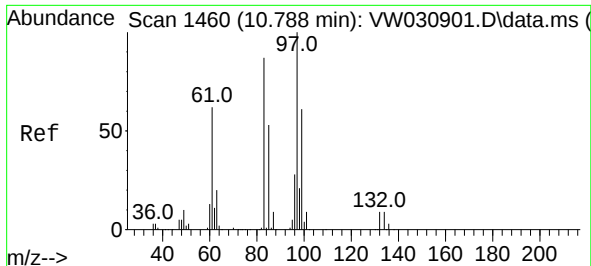
Tgt Ion: 75 Resp: 213364

Ion Ratio Lower Upper

75 100

77 31.4 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 24.413 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 118676

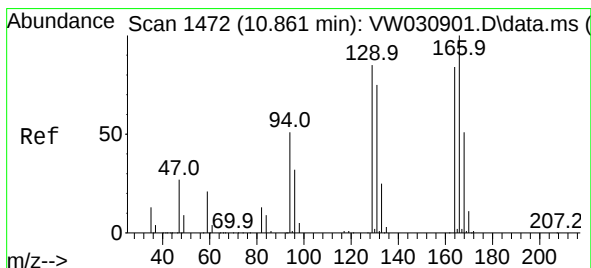
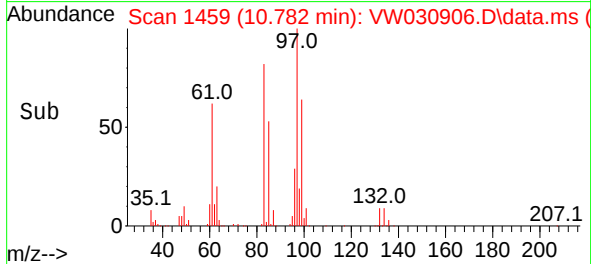
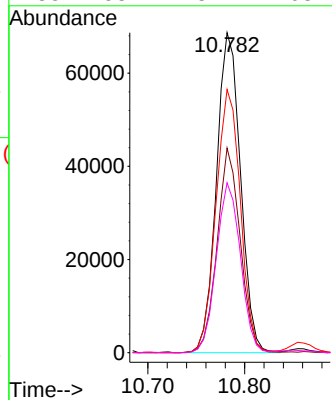
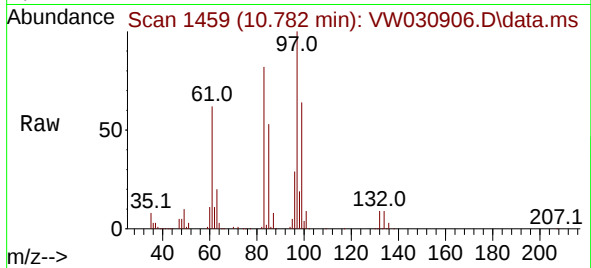
Ion Ratio Lower Upper

97 100

99 63.9 42.8 79.4

83 82.3 60.6 112.6

85 53.1 37.1 68.9



#46

Tetrachloroethene

Concen: 23.925 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Tgt Ion:164 Resp: 136672

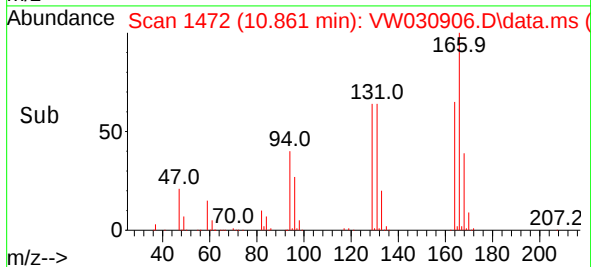
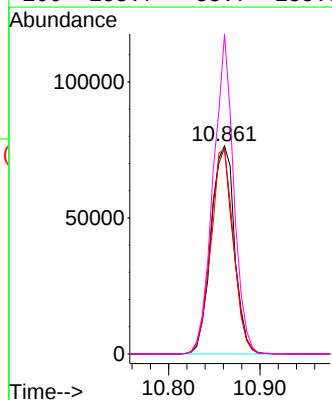
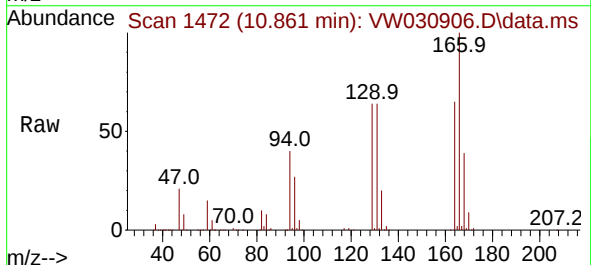
Ion Ratio Lower Upper

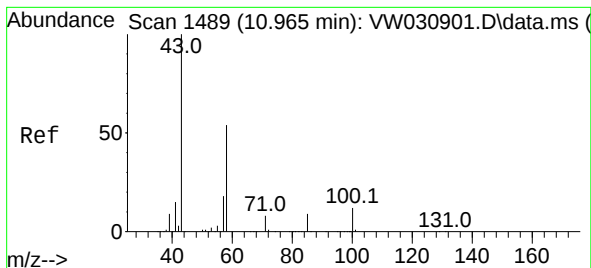
164 100

129 99.1 71.1 132.1

131 98.4 62.6 116.3

166 153.7 83.7 155.5





#48

2-Hexanone

Concen: 53.693 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

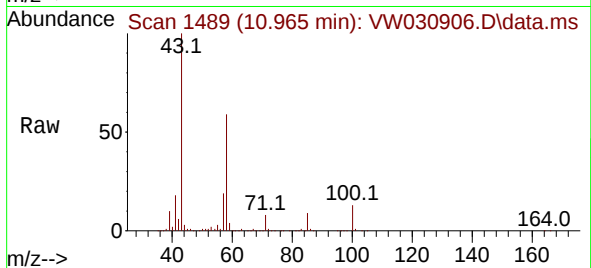
Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 126519

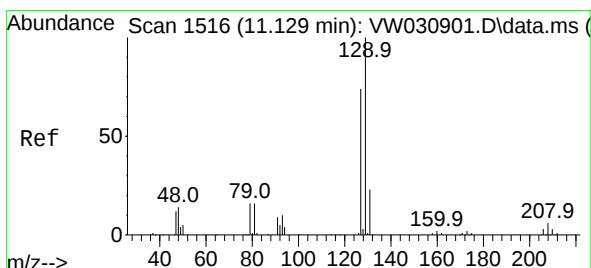
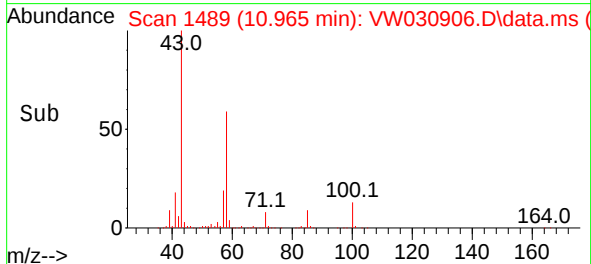
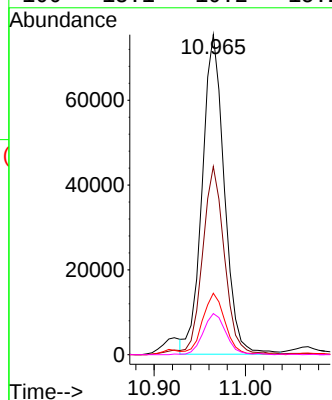
Ion Ratio Lower Upper

43 100

58 57.7 43.8 65.8

57 19.6 15.4 23.2

100 13.1 10.2 15.2



#49

Dibromochloromethane

Concen: 24.737 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW030906.D

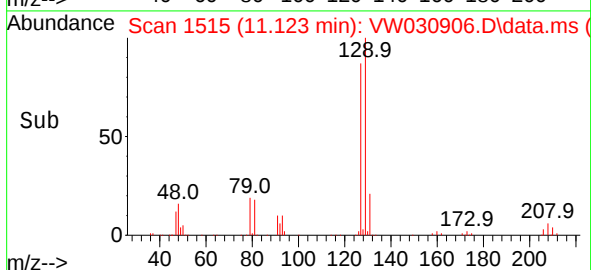
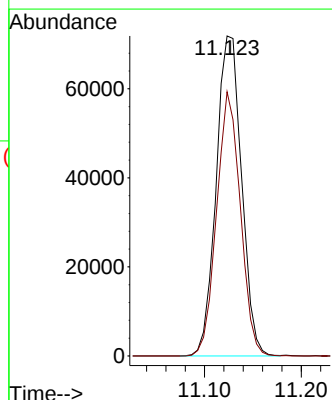
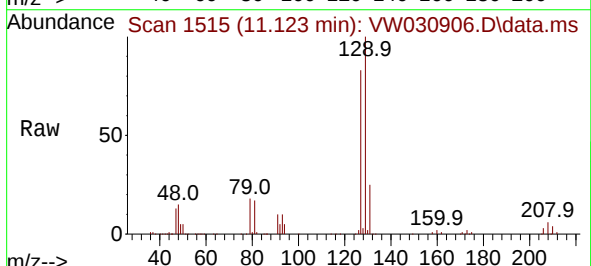
Acq: 04 Nov 2024 14:36

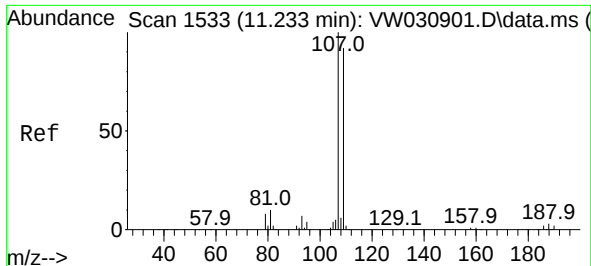
Tgt Ion:129 Resp: 131108

Ion Ratio Lower Upper

129 100

127 82.5 52.1 96.7





#50

1,2-Dibromoethane

Concen: 24.906 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :

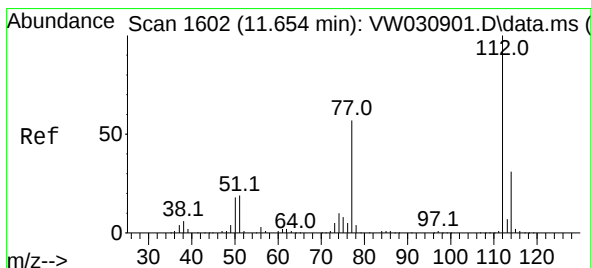
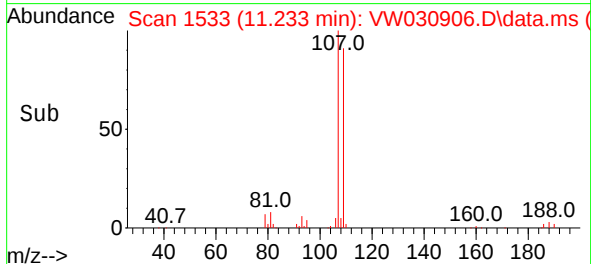
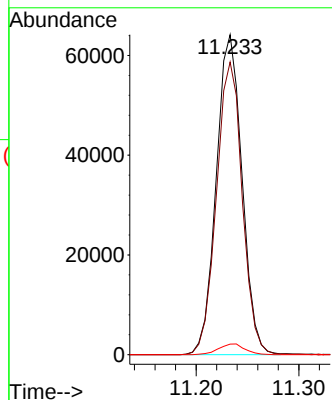
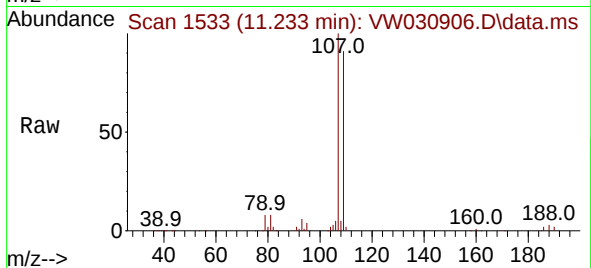
Tgt Ion:107 Resp: 111651

Ion Ratio Lower Upper

107 100

109 91.4 64.3 119.3

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 24.523 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

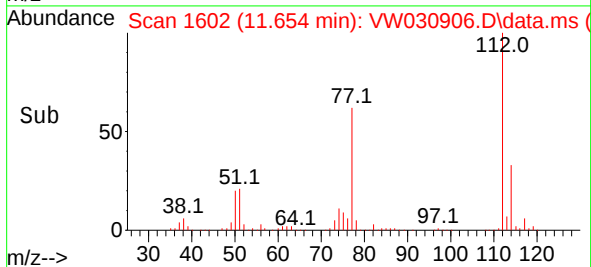
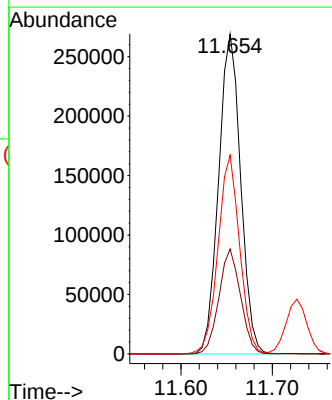
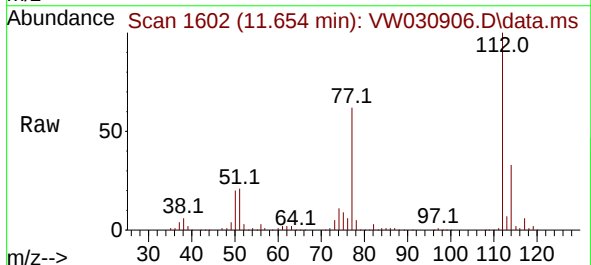
Tgt Ion:112 Resp: 450369

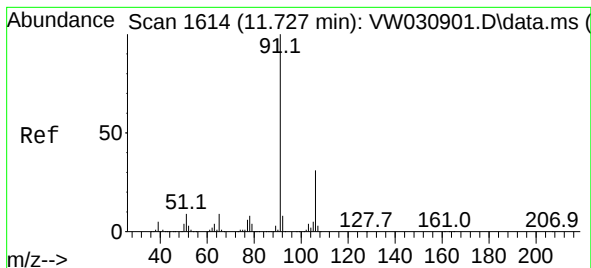
Ion Ratio Lower Upper

112 100

114 32.8 21.9 40.7

77 62.1 45.3 67.9

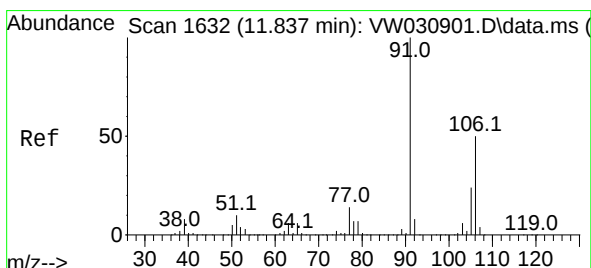
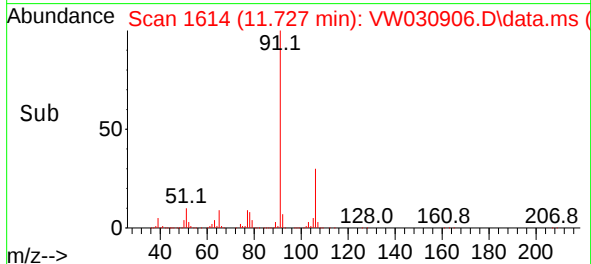
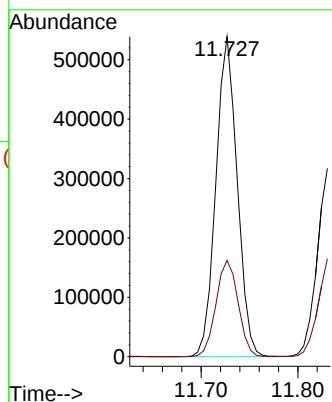
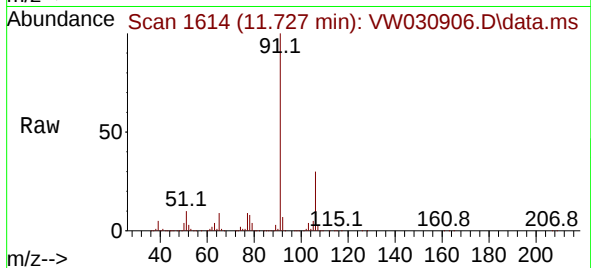




#52
Ethylbenzene
Concen: 25.411 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

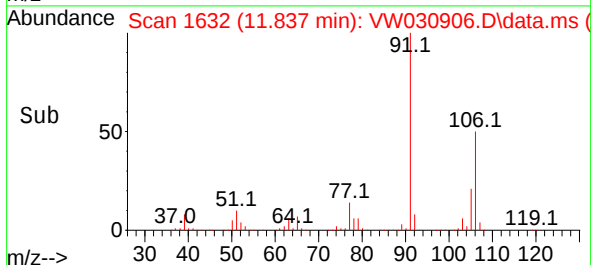
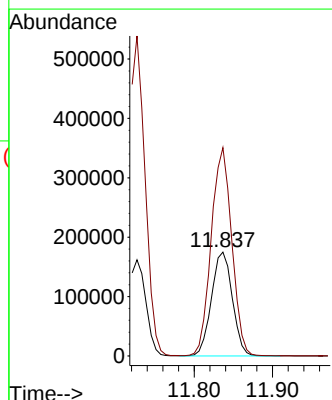
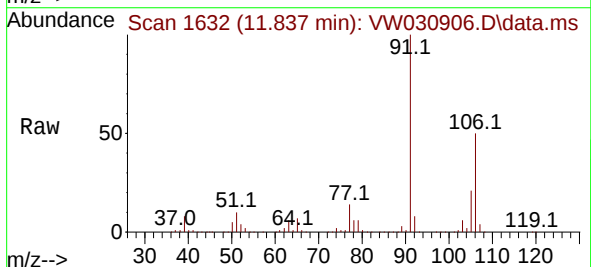
Instrument :
MSVOA_W
ClientSampleId :

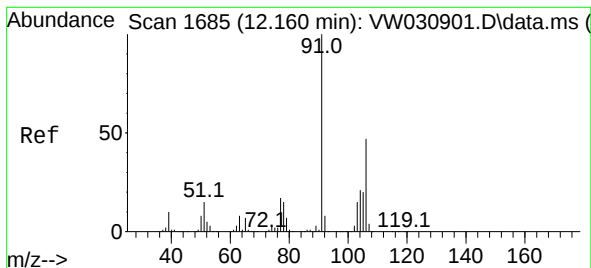
Tgt Ion: 91 Resp: 823933
Ion Ratio Lower Upper
91 100
106 30.0 21.6 40.0



#53
m,p-Xylene
Concen: 26.563 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

Tgt Ion: 106 Resp: 323926
Ion Ratio Lower Upper
106 100
91 200.5 140.7 261.3

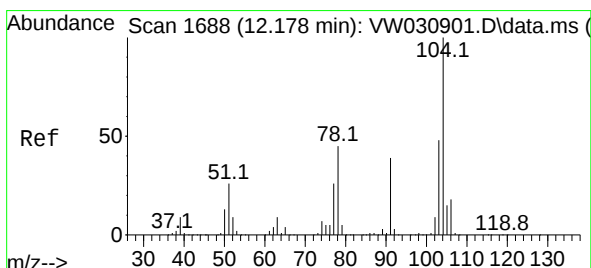
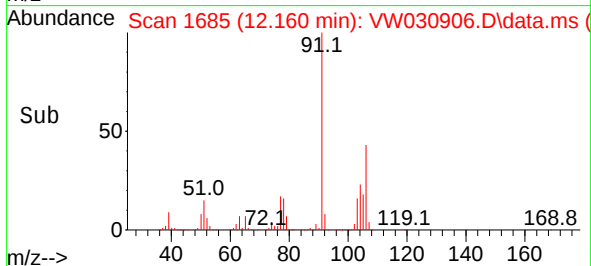
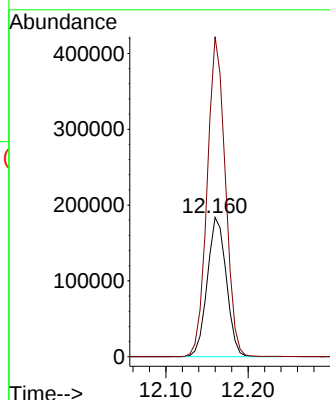
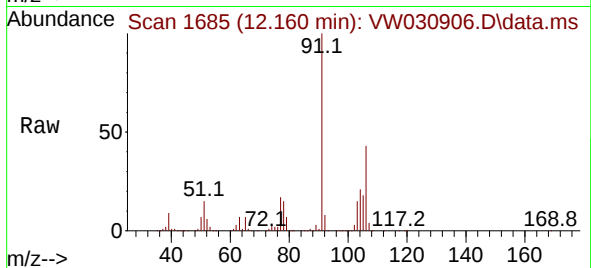




#54
o-Xylene
Concen: 26.276 ug/L
RT: 12.160 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

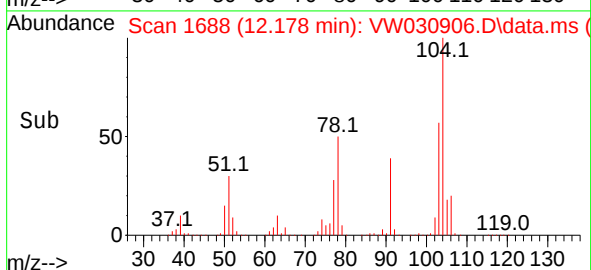
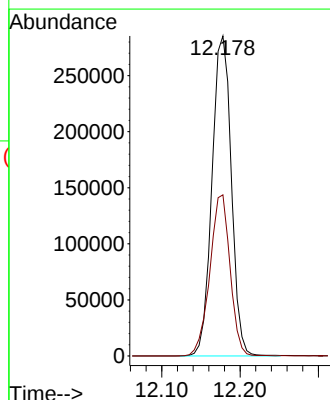
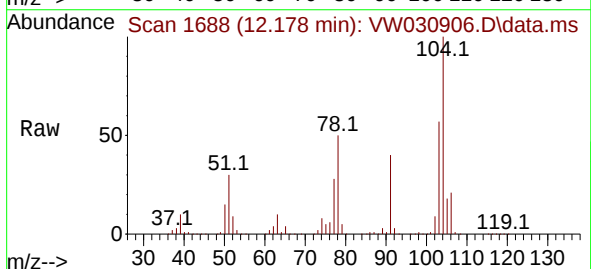
Instrument :
MSVOA_W
ClientSampleId :

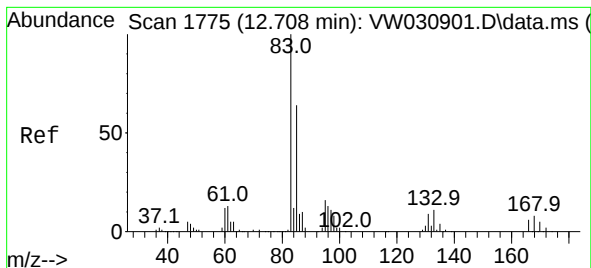
Tgt Ion:106 Resp: 294844
Ion Ratio Lower Upper
106 100
91 229.9 149.9 278.3



#55
Styrene
Concen: 25.477 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

Tgt Ion:104 Resp: 488442
Ion Ratio Lower Upper
104 100
78 50.4 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.430 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :

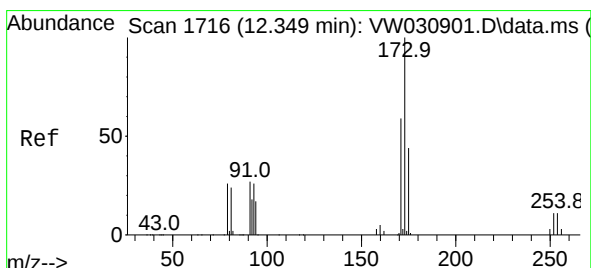
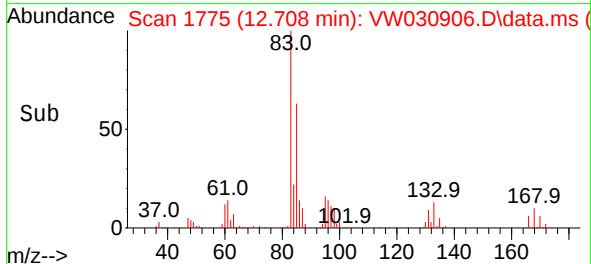
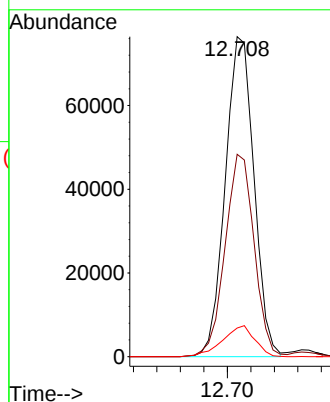
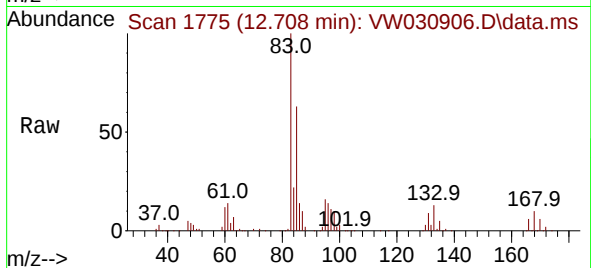
Tgt Ion: 83 Resp: 129601

Ion Ratio Lower Upper

83 100

85 63.3 45.1 83.7

131 9.0 7.7 11.5



#59

Bromoform

Concen: 23.941 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

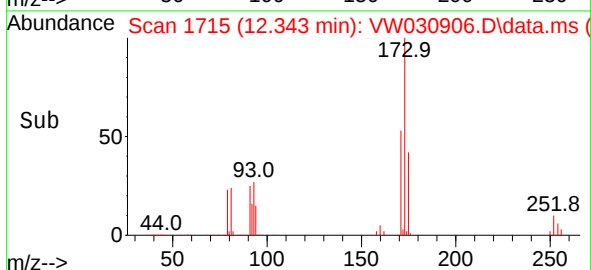
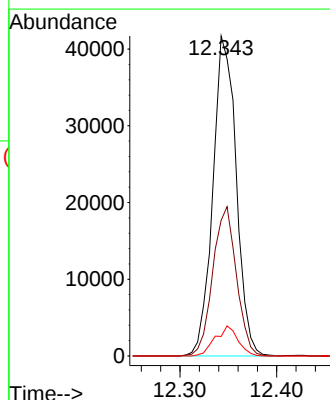
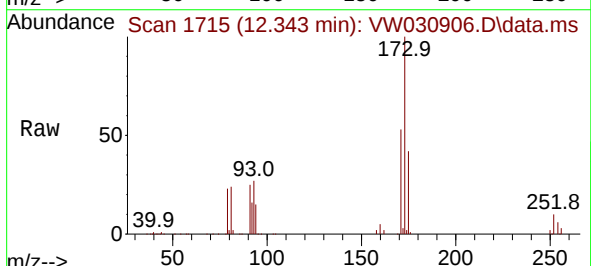
Tgt Ion:173 Resp: 69868

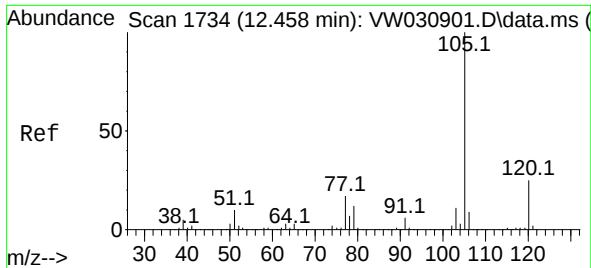
Ion Ratio Lower Upper

173 100

175 47.2 39.3 58.9

254 9.1 7.8 11.6

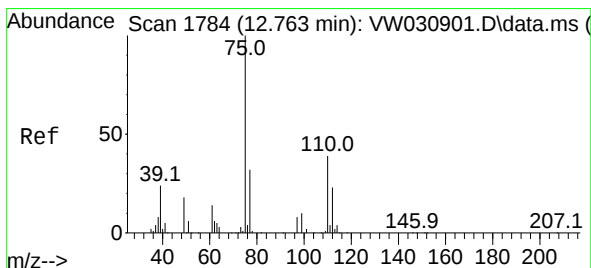
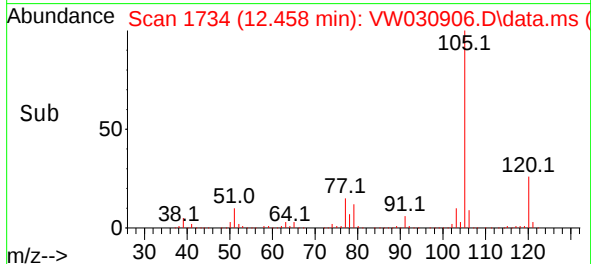
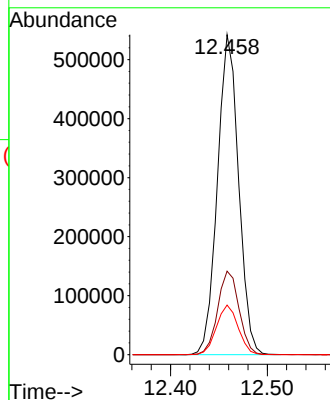
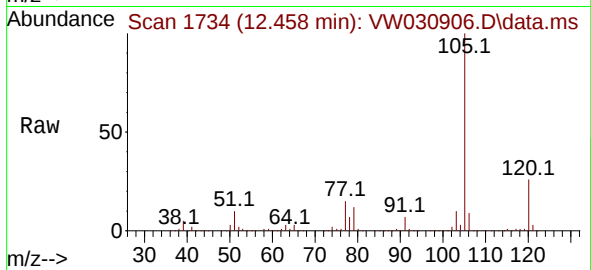




#60
Isopropylbenzene
Concen: 26.413 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

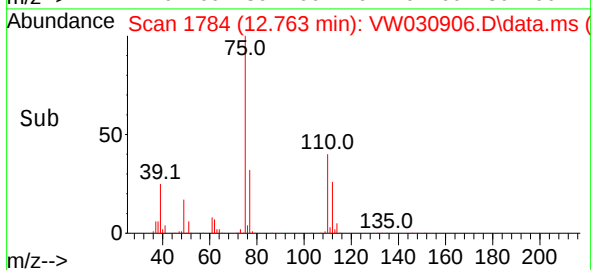
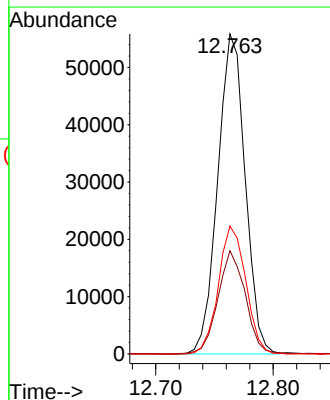
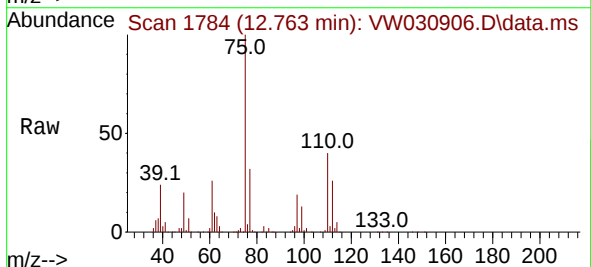
Instrument :
MSVOA_W
ClientSampleId :

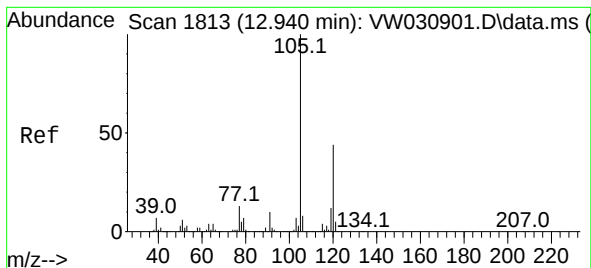
Tgt Ion:105 Resp: 823434
Ion Ratio Lower Upper
105 100
120 26.4 20.6 31.0
77 15.9 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 23.663 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

Tgt Ion: 75 Resp: 90671
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 39.9 31.8 47.8

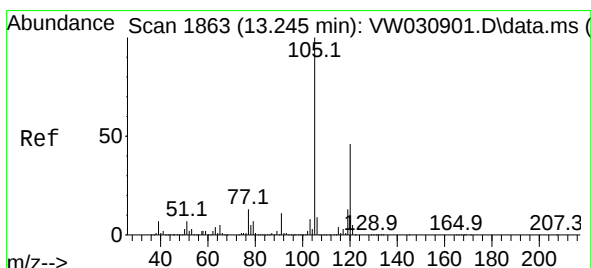
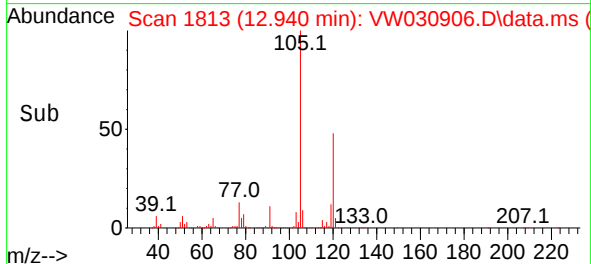
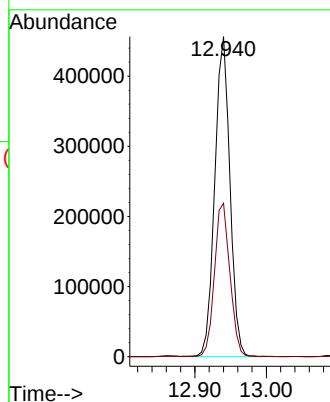
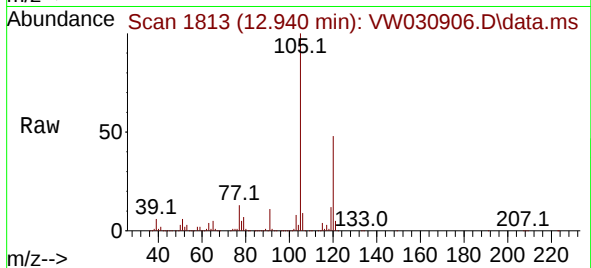




#62
1,3,5-Trimethylbenzene
Concen: 27.369 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

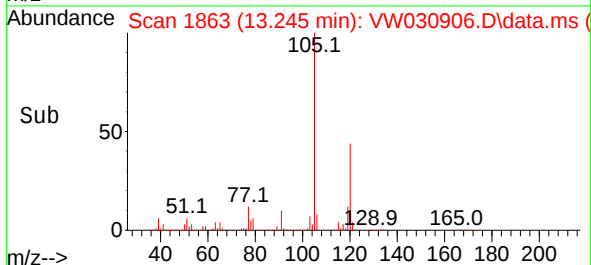
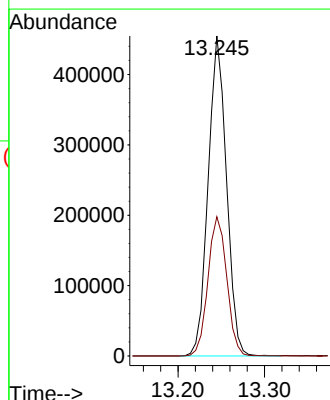
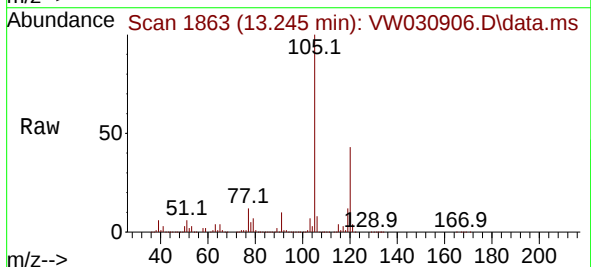
Instrument :
MSVOA_W
ClientSampleId :

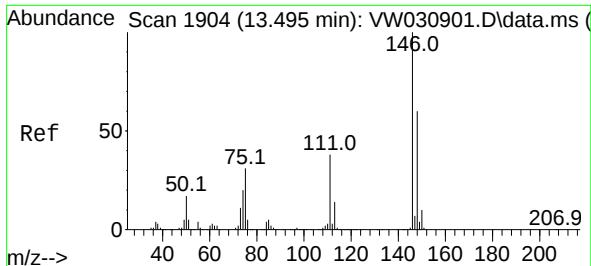
Tgt Ion:105 Resp: 671804
Ion Ratio Lower Upper
105 100
120 48.8 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 27.939 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

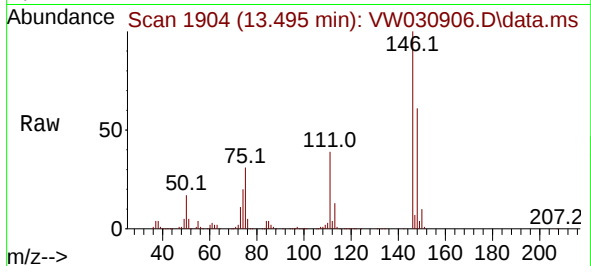
Tgt Ion:105 Resp: 667862
Ion Ratio Lower Upper
105 100
120 44.8 35.9 53.9



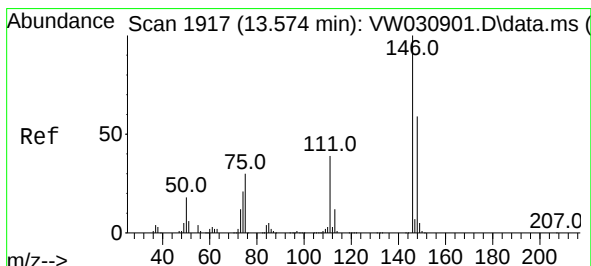
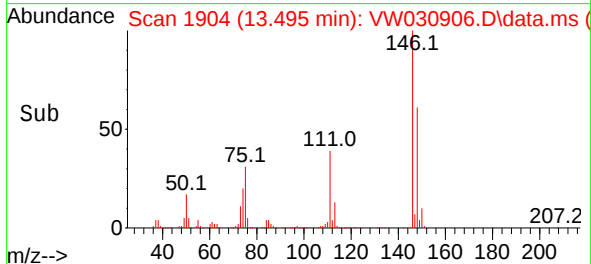
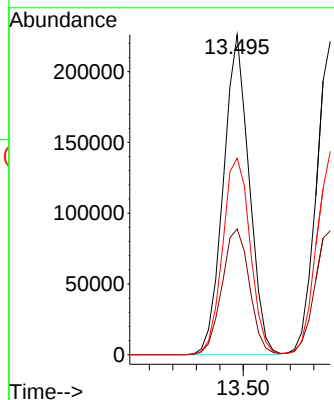


#64
1,3-Dichlorobenzene
Concen: 25.162 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

Instrument :
MSVOA_W
ClientSampleId :

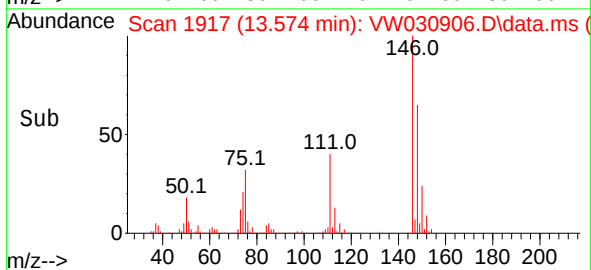
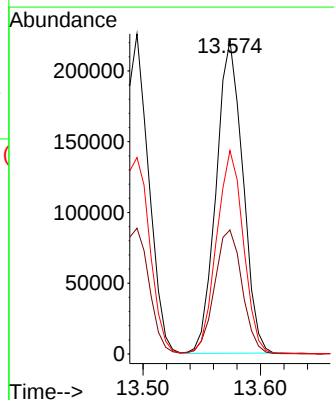
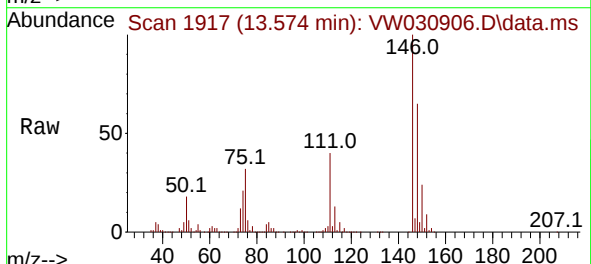


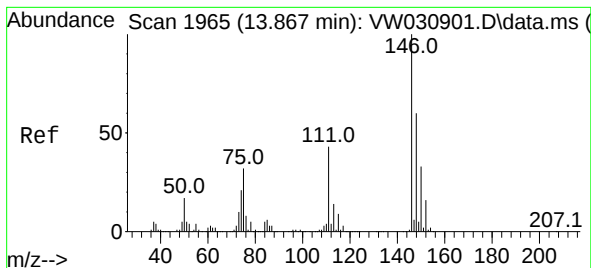
Tgt Ion:146 Resp: 344444
Ion Ratio Lower Upper
146 100
111 39.3 26.8 49.8
148 61.4 41.8 77.6



#65
1,4-Dichlorobenzene
Concen: 24.806 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

Tgt Ion:146 Resp: 348612
Ion Ratio Lower Upper
146 100
111 39.6 27.6 51.4
148 64.9 41.6 77.2





#67

1,2-Dichlorobenzene

Concen: 25.378 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.006 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :

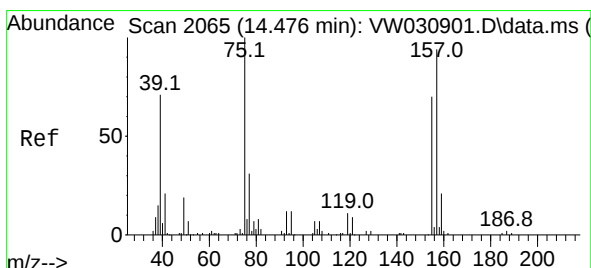
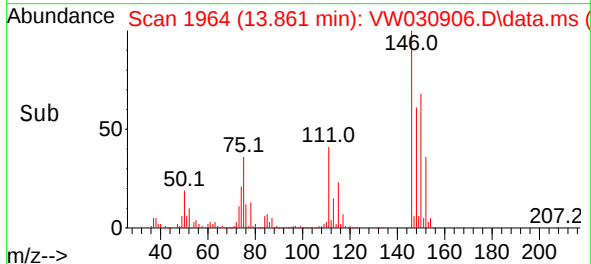
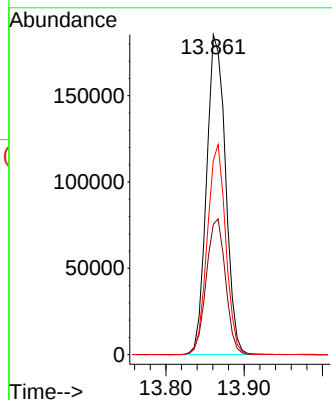
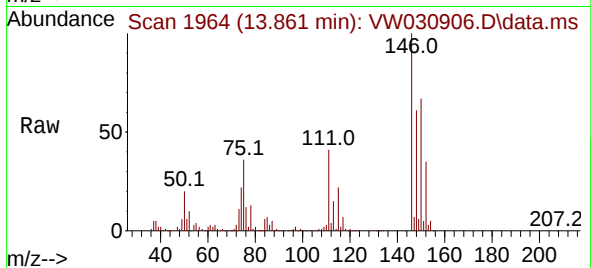
Tgt Ion:146 Resp: 309615

Ion Ratio Lower Upper

146 100

111 40.7 34.3 51.5

148 60.7 48.0 72.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.422 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

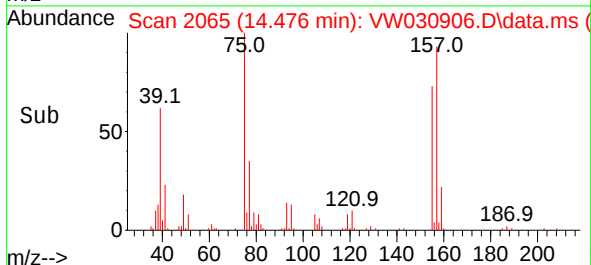
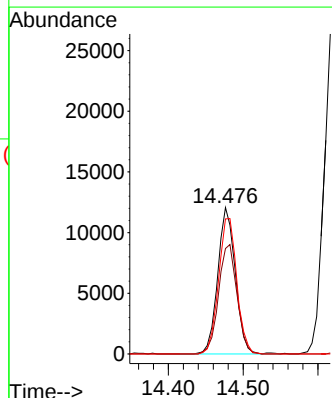
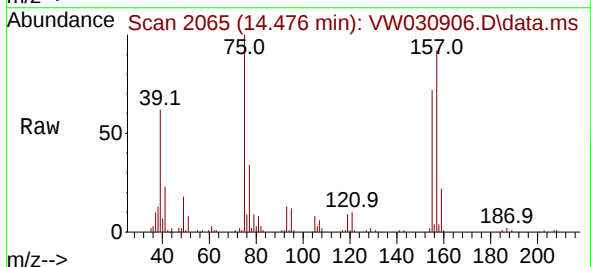
Tgt Ion: 75 Resp: 19812

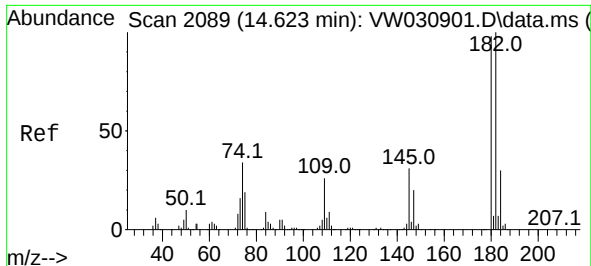
Ion Ratio Lower Upper

75 100

155 72.0 56.2 84.2

157 92.2 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 26.284 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

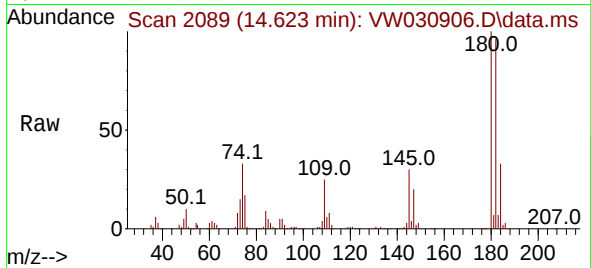
Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 238763

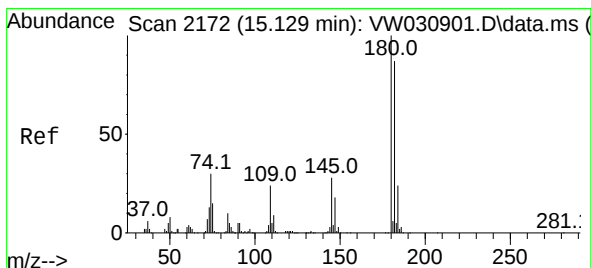
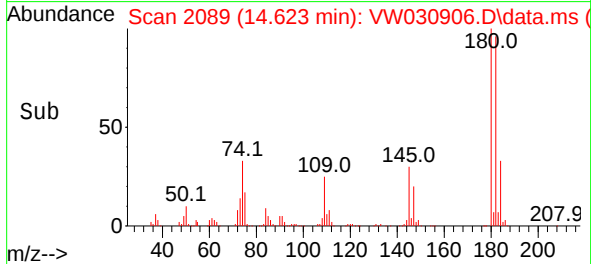
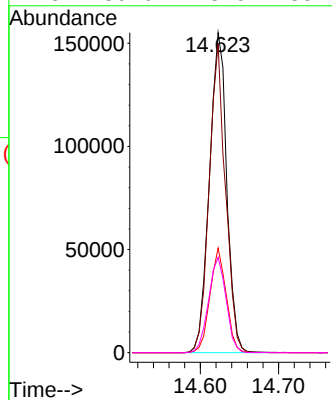
Ion Ratio Lower Upper

180 100

182 90.7 76.6 114.8

184 30.5 23.9 35.9

145 30.0 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 26.463 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030906.D

Acq: 04 Nov 2024 14:36

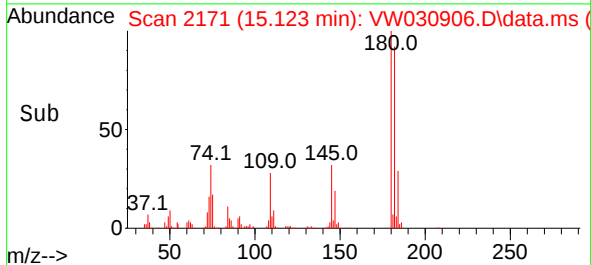
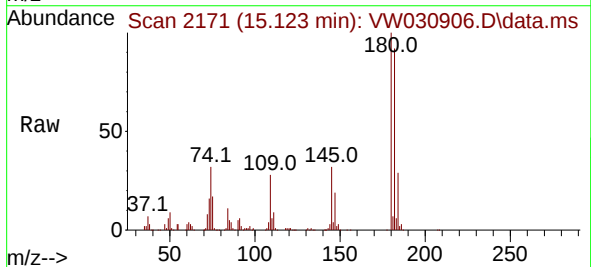
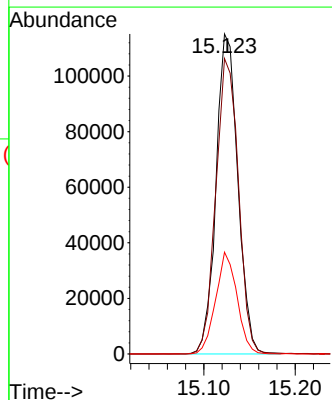
Tgt Ion:180 Resp: 190880

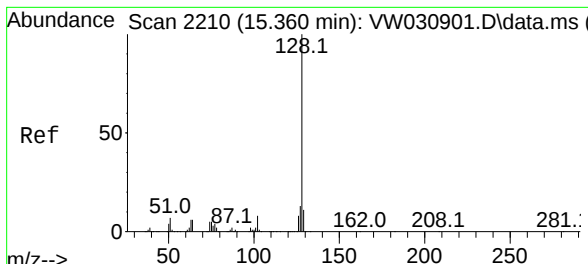
Ion Ratio Lower Upper

180 100

182 95.9 74.5 111.7

145 31.2 24.2 36.2

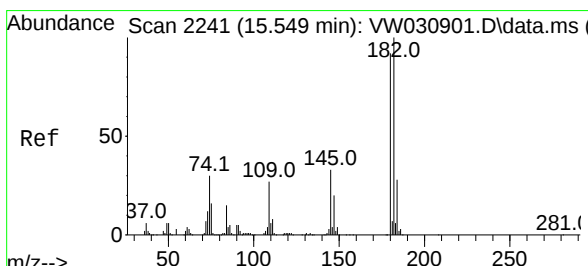
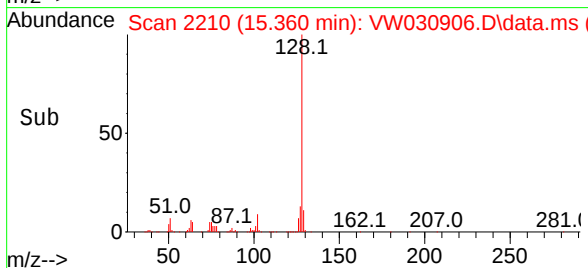
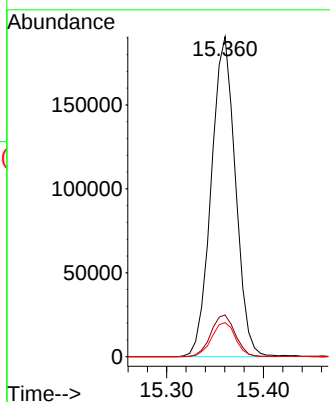
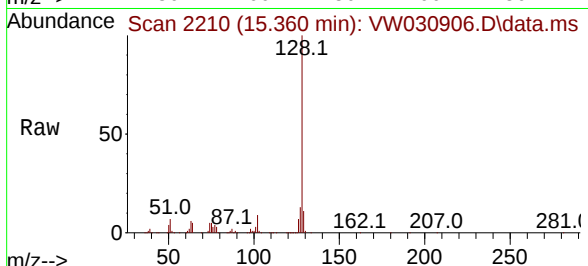




#71
Naphthalene
Concen: 28.297 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	330877
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.4
129	10.6	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 26.385 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030906.D
Acq: 04 Nov 2024 14:36

Tgt Ion:	180	Resp:	164016
Ion Ratio	Lower	Upper	
180	100		
182	94.9	79.2	118.8
145	35.1	27.0	40.6

