

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030923.D
 Acq On : 04 Nov 2024 22:14
 Operator : SY/MD
 Sample : P4581-03MSD
 Misc : 5.83g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 00:46:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:39:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	369098	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	335216	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	156771	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.369	65	114857	18.973	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.880%
7) Chloroethane-d5	2.899	69	98442	21.203	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	4.021	65	52589	21.054	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.200%
21) 2-Butanone-d5	7.075	46	77824	78.121	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.240%#
24) Chloroform-d	7.648	84	281413	25.863	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.440%
26) 1,2-Dichloroethane-d4	8.301	65	155621	28.765	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.040%
32) Benzene-d6	8.270	84	530045	25.452	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	9.270	67	163180	26.580	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.320%
41) Toluene-d8	10.319	98	459346	24.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.360%
43) trans-1,3-Dichloroprop...	10.575	79	70402	28.291	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.160%
47) 2-Hexanone-d5	10.922	63	65849	82.763	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.520%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	142896	33.409	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.640%#
66) 1,2-Dichlorobenzene-d4	13.849	152	150651	26.381	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.520%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.009	85	87919	22.362	ug/L	97
3) Chloromethane	2.229	50	138403	26.125	ug/L	96
5) Vinyl chloride	2.375	62	140293	22.345	ug/L	99
6) Bromomethane	2.790	94	104520	25.354	ug/L	97
8) Chloroethane	2.930	64	92802	24.382	ug/L	99
9) Trichlorofluoromethane	3.265	101	132512	23.127	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	126436	23.970	ug/L	90
12) 1,1-Dichloroethene	4.045	96	121395	25.445	ug/L	95
13) Acetone	4.125	43	73122	60.098	ug/L	99
14) Carbon disulfide	4.393	76	380661	24.272	ug/L	100
15) Methyl Acetate	4.667	43	72192	40.451	ug/L	99
16) Methylene chloride	4.929	84	149829	28.713	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	140166	26.781	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	251496	35.602	ug/L	99
19) 1,1-Dichloroethane	6.216	63	274832	28.140	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	168436	30.336	ug/L	99
22) 2-Butanone	7.173	43	104157	76.443	ug/L	98
23) Bromochloromethane	7.508	128	77275	31.780	ug/L	94
25) Chloroform	7.673	83	290710	28.289	ug/L	99

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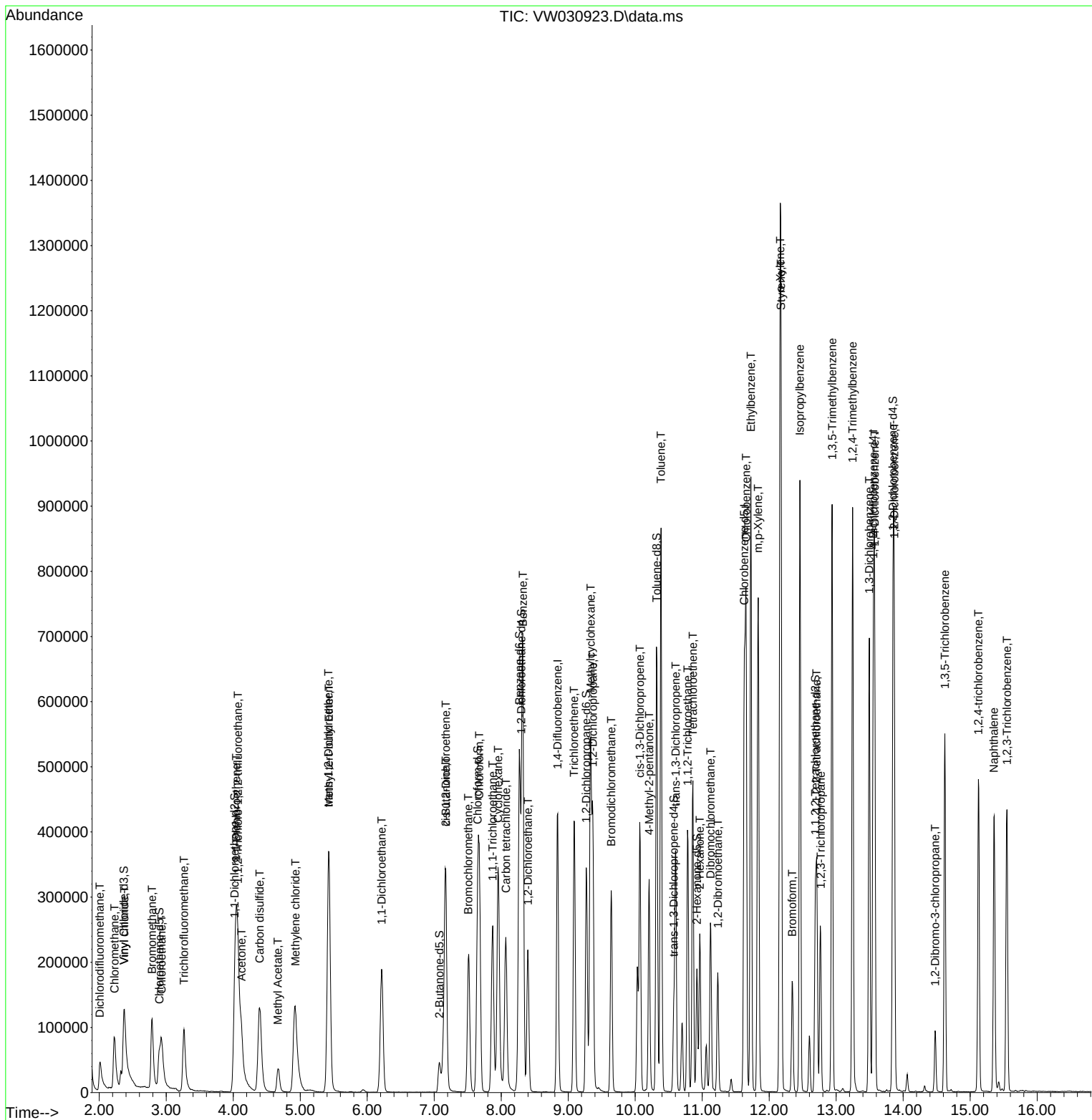
Instrument :
 MSVOA_W
 ClientSampleId :

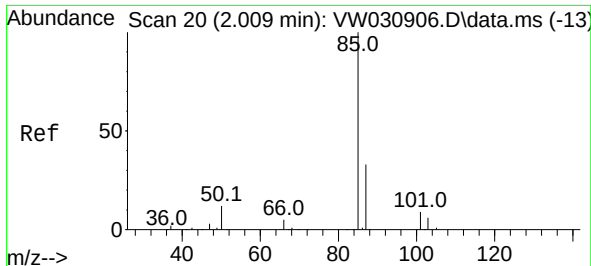
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	202074	31.574	ug/L	98
29) Cyclohexane	7.953	56	202946	25.263	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	213919	24.843	ug/L	99
31) Carbon tetrachloride	8.069	117	185197	23.935	ug/L	100
33) Benzene	8.325	78	610473	28.254	ug/L	100
34) Trichloroethene	9.087	95	153289	25.728	ug/L	92
35) Methylcyclohexane	9.337	83	221113	23.415	ug/L	99
37) 1,2-Dichloropropane	9.368	63	165263	30.605	ug/L	99
38) Bromodichloromethane	9.642	83	210681	29.710	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	247554	30.646	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	206263	83.526	ug/L	99
42) Toluene	10.386	91	620492	27.119	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	211932	31.581	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	128268	33.094	ug/L	98
46) Tetrachloroethene	10.861	164	110429	24.245	ug/L	93
48) 2-Hexanone	10.965	43	150811	80.272	ug/L	97
49) Dibromochloromethane	11.123	129	142554	33.733	ug/L	96
50) 1,2-Dibromoethane	11.233	107	124708	34.890	ug/L	95
51) Chlorobenzene	11.654	112	393837	26.896	ug/L	96
52) Ethylbenzene	11.727	91	635827	24.595	ug/L	99
53) m,p-Xylene	11.837	106	241999	24.889	ug/L	96
54) o-Xylene	12.166	106	244172	27.292	ug/L	98
55) Styrene	12.178	104	438768	28.704	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	155095	36.667	ug/L	97
59) Bromoform	12.343	173	78121	34.898	ug/L	100
60) Isopropylbenzene	12.459	105	581578	24.320	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	110853	37.716	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	477280	25.349	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	479913	26.173	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	286737	27.308	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	282625	26.218	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	265885	28.412	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	24992	40.163	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	171914	24.672	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	156086	28.211	ug/L	99
71) Naphthalene	15.354	128	361704	40.327	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	140934	29.557	ug/L	98

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

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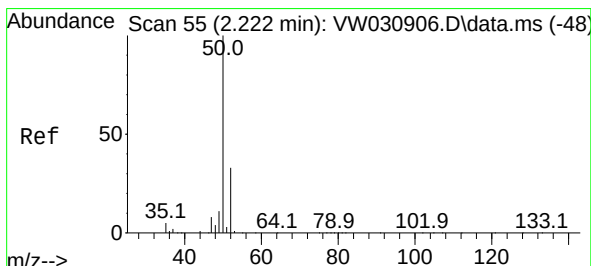
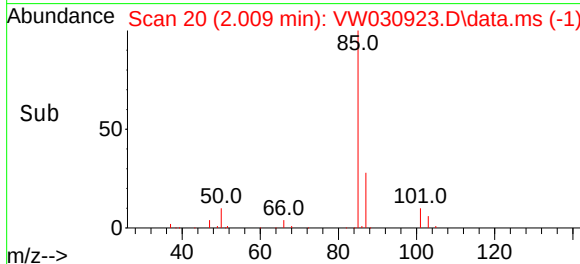
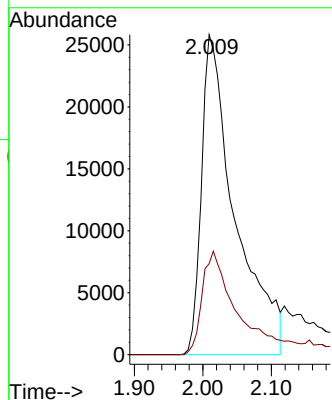
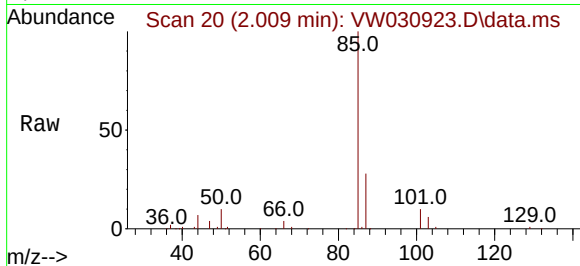




#2
 Dichlorodifluoromethane
 Concen: 22.362 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW030923.D
 Acq: 04 Nov 2024 22:14

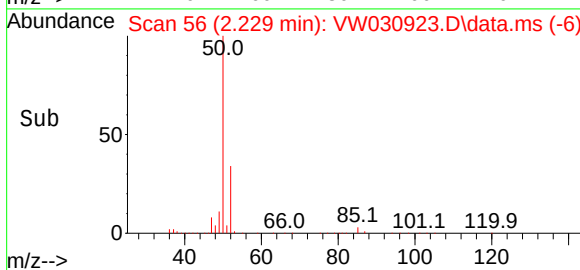
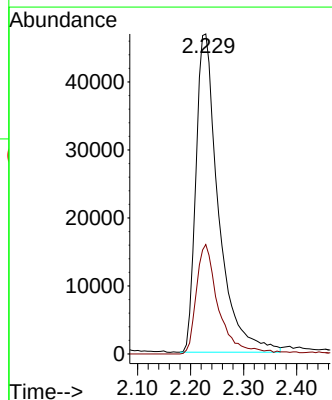
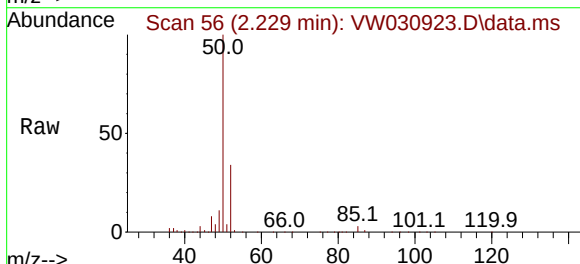
Instrument :
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 ClientSampleId :

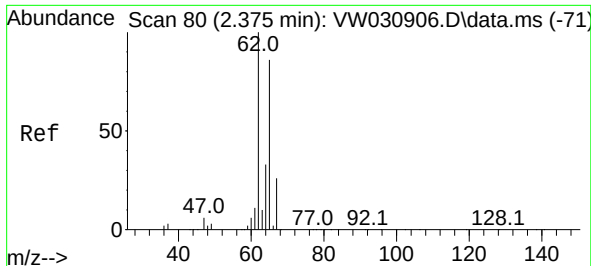
Tgt Ion: 85 Resp: 87919
 Ion Ratio Lower Upper
 85 100
 87 28.8 24.2 36.4



#3
 Chloromethane
 Concen: 26.125 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030923.D
 Acq: 04 Nov 2024 22:14

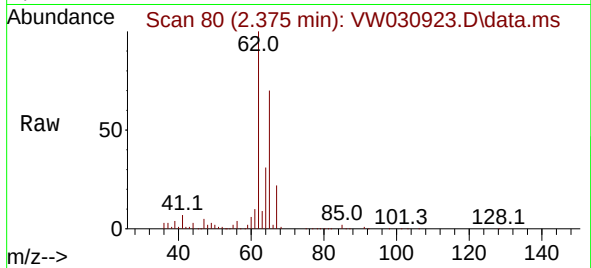
Tgt Ion: 50 Resp: 138403
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.5 41.9



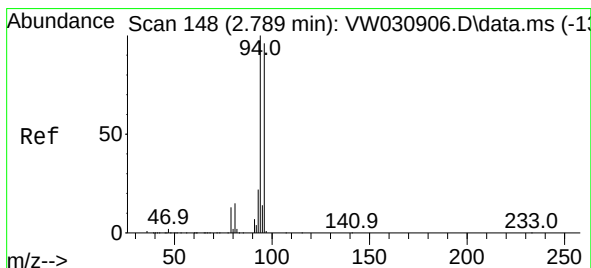
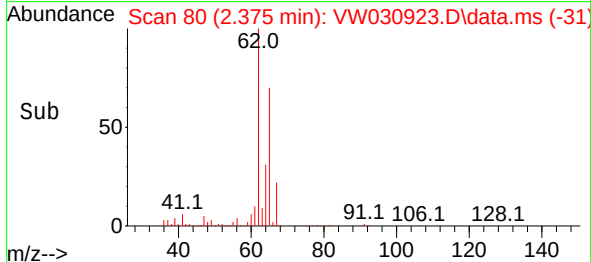
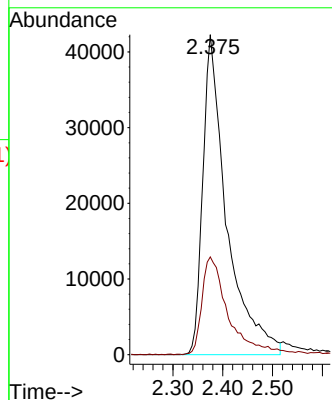


#5
 Vinyl chloride
 Concen: 22.345 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030923.D
 Acq: 04 Nov 2024 22:14

Instrument :
 MSVOA_W
 ClientSampleId :

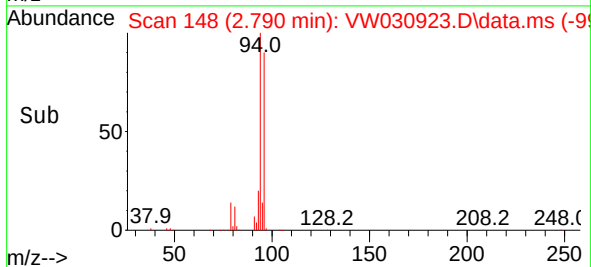
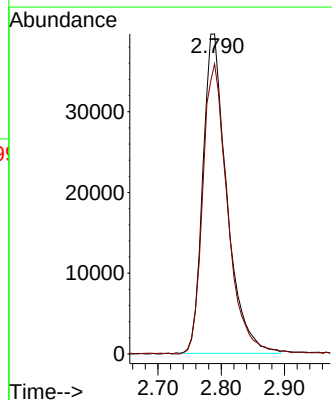
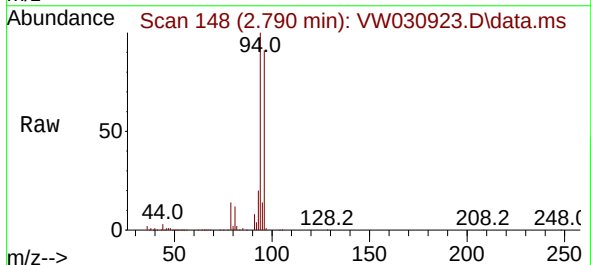


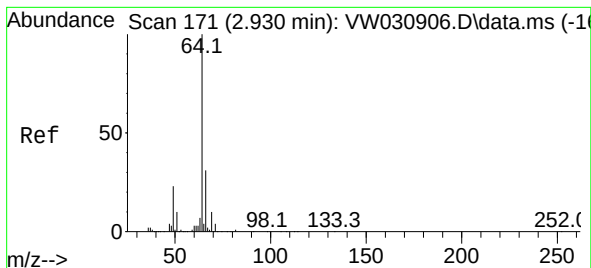
Tgt Ion: 62 Resp: 140293
 Ion Ratio Lower Upper
 62 100
 64 30.5 21.7 40.3



#6
 Bromomethane
 Concen: 25.354 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030923.D
 Acq: 04 Nov 2024 22:14

Tgt Ion: 94 Resp: 104520
 Ion Ratio Lower Upper
 94 100
 96 90.7 61.6 114.4





#8

Chloroethane

Concen: 24.382 ug/L

RT: 2.930 min Scan# 171

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

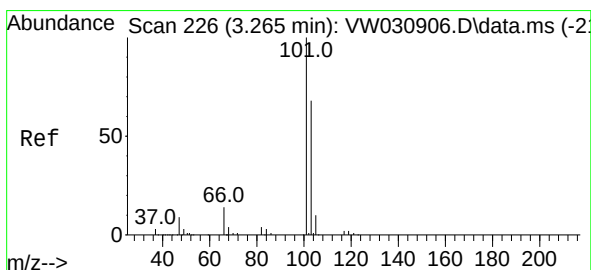
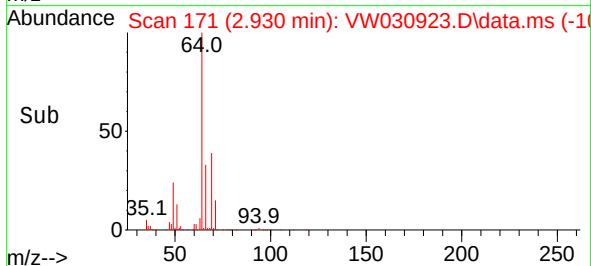
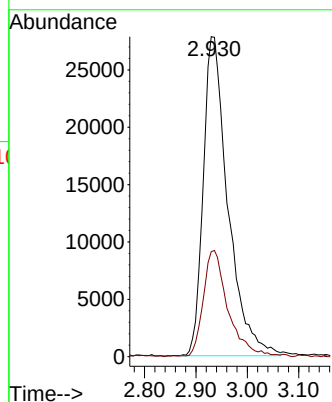
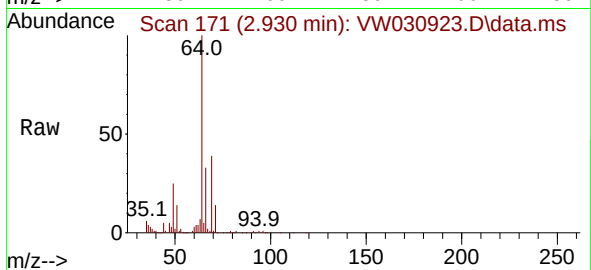
ClientSampleId :

Tgt Ion: 64 Resp: 92802

Ion Ratio Lower Upper

64 100

66 32.8 23.5 43.7



#9

Trichlorofluoromethane

Concen: 23.127 ug/L

RT: 3.265 min Scan# 226

Delta R.T. 0.000 min

Lab File: VW030923.D

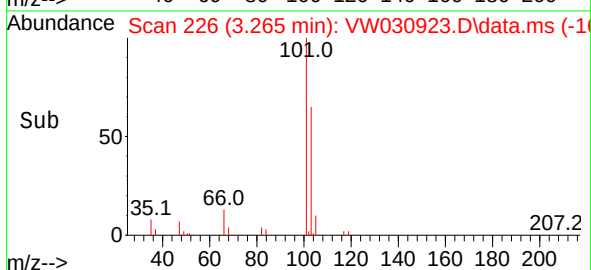
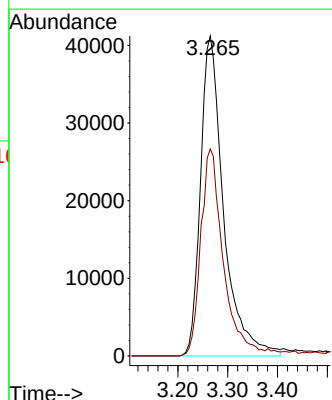
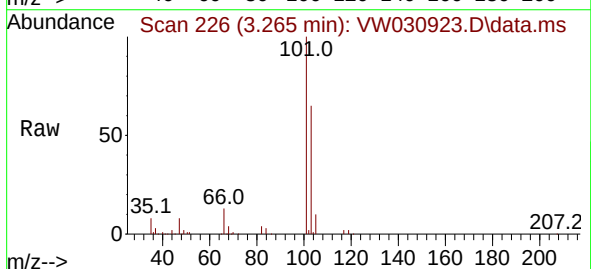
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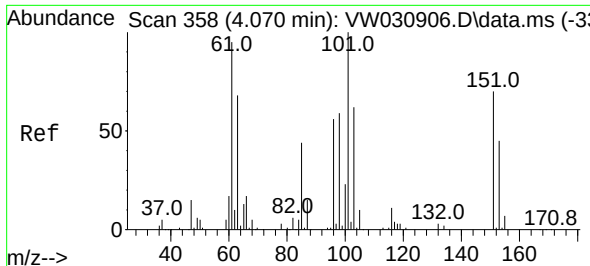
Tgt Ion:101 Resp: 132512

Ion Ratio Lower Upper

101 100

103 62.8 51.8 77.6





#10

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

Concen: 23.970 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

ClientSampleId :

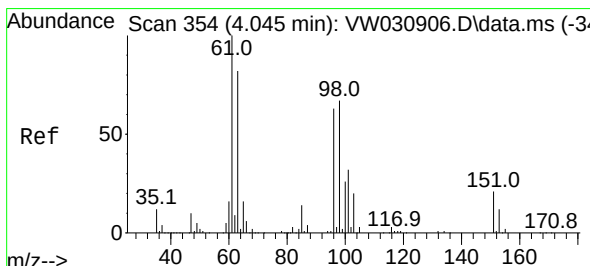
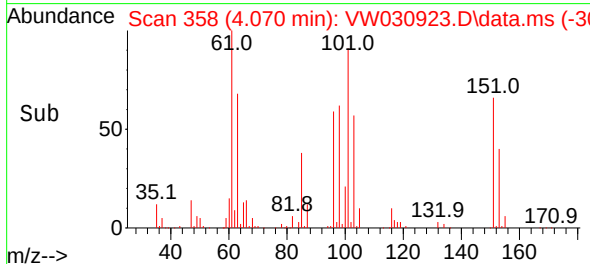
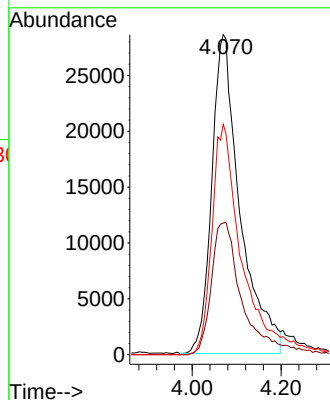
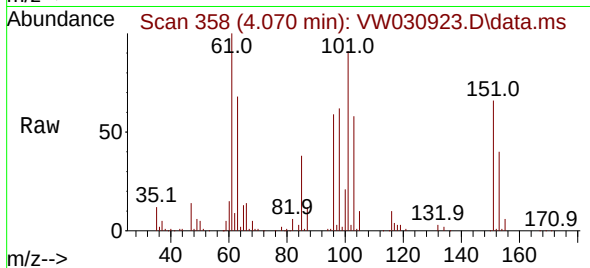
Tgt Ion:101 Resp: 126436

Ion Ratio Lower Upper

101 100

85 44.6 32.9 49.3

151 74.2 51.0 76.6



#12

1,1-Dichloroethene

Concen: 25.445 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

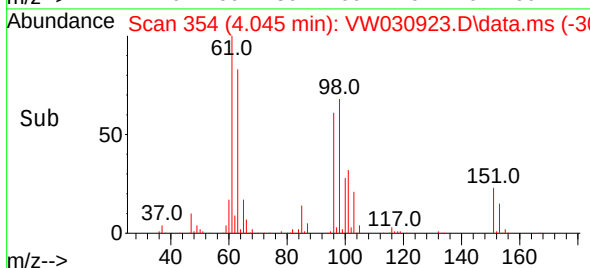
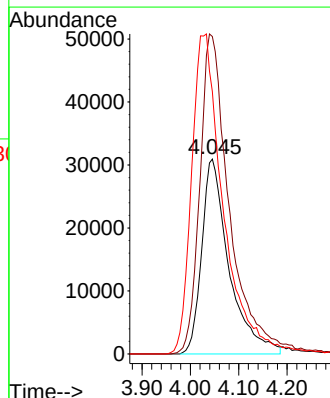
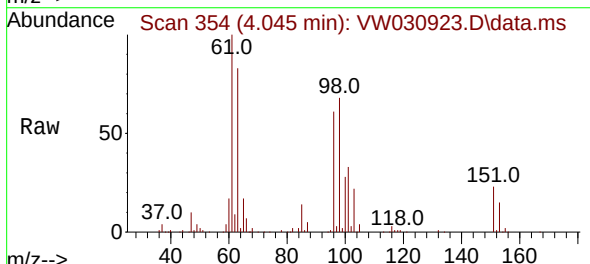
Tgt Ion: 96 Resp: 121395

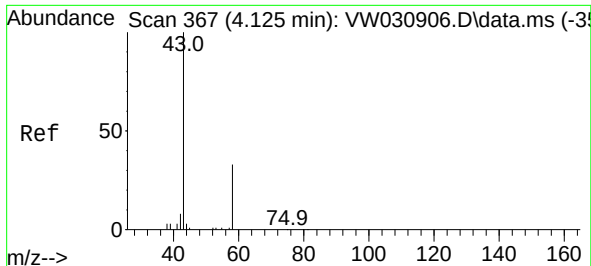
Ion Ratio Lower Upper

96 100

61 162.9 118.9 220.7

63 134.7 97.8 181.6

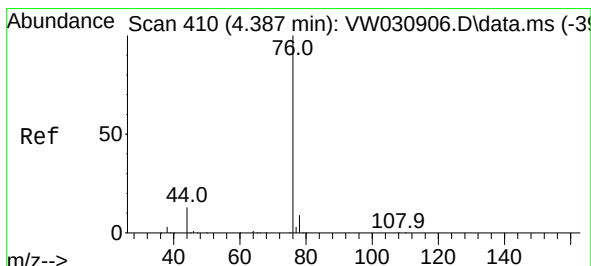
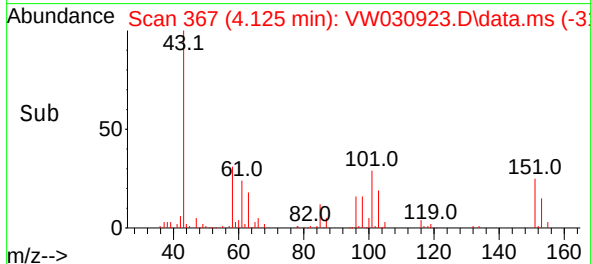
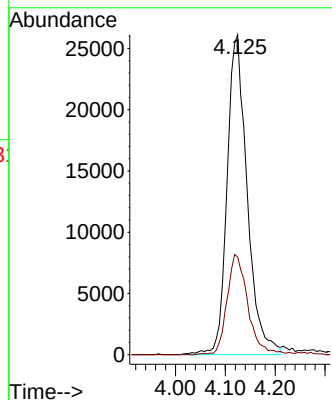
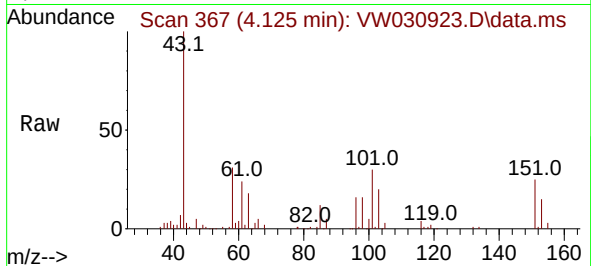




#13
Acetone
Concen: 60.098 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW030923.D
Acq: 04 Nov 2024 22:14

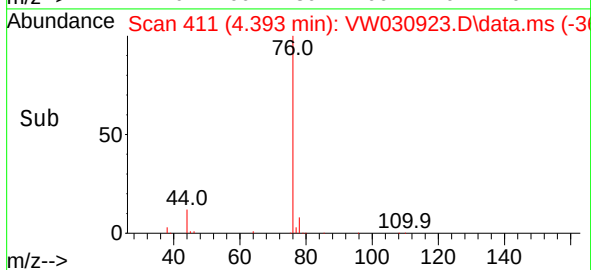
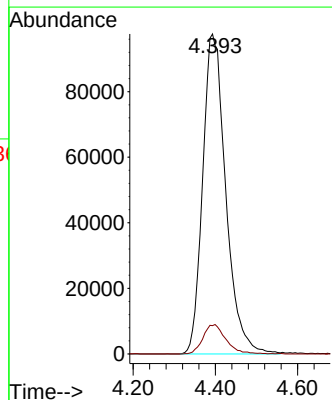
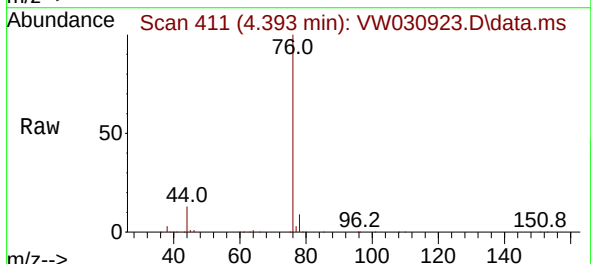
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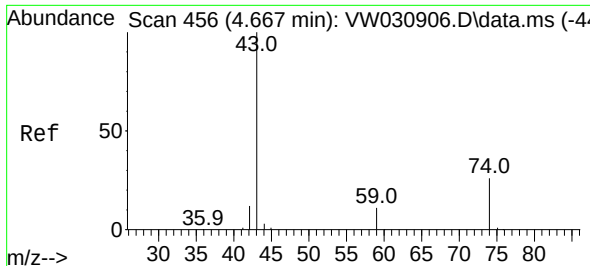
Tgt Ion: 43 Resp: 73122
Ion Ratio Lower Upper
43 100
58 30.5 0.0 62.6



#14
Carbon disulfide
Concen: 24.272 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW030923.D
Acq: 04 Nov 2024 22:14

Tgt Ion: 76 Resp: 380661
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

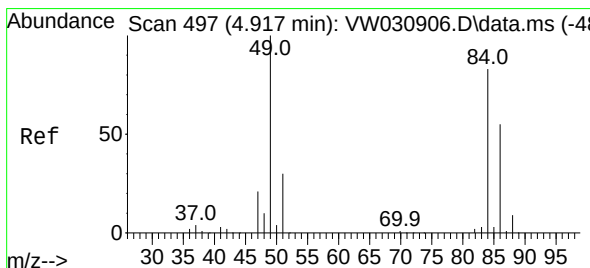
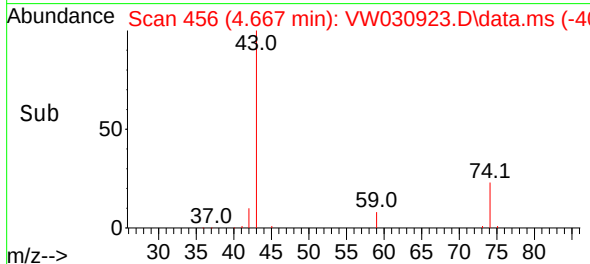
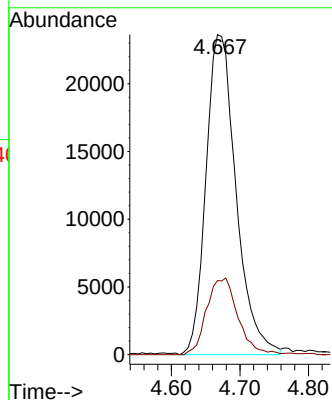
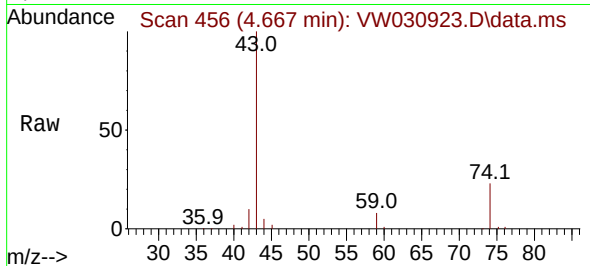




#15
Methyl Acetate
Concen: 40.451 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW030923.D
Acq: 04 Nov 2024 22:14

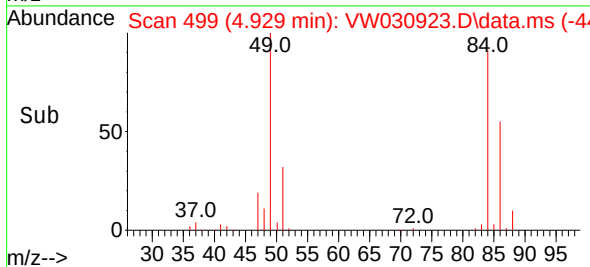
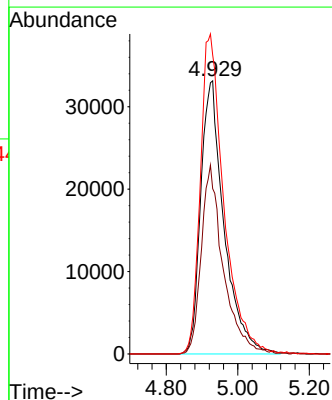
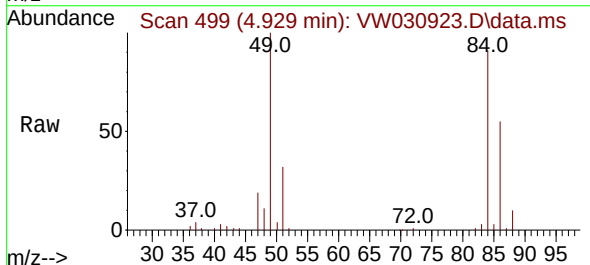
Instrument :
MSVOA_W
ClientSampleId :

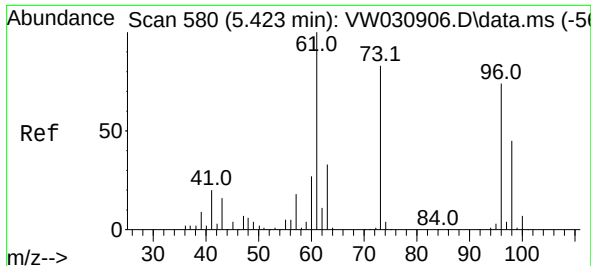
Tgt Ion: 43 Resp: 72192
Ion Ratio Lower Upper
43 100
74 24.5 20.2 30.2



#16
Methylene chloride
Concen: 28.713 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW030923.D
Acq: 04 Nov 2024 22:14

Tgt Ion: 84 Resp: 149829
Ion Ratio Lower Upper
84 100
86 60.5 41.8 77.6
49 109.4 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 26.781 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

ClientSampleId :

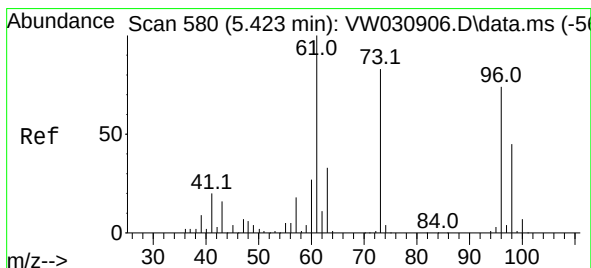
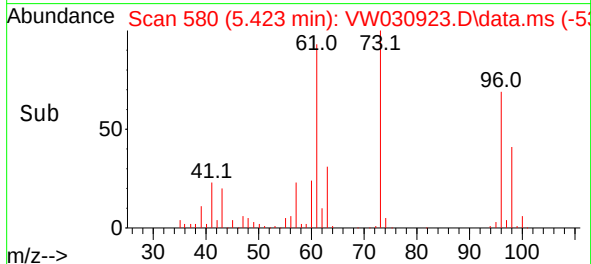
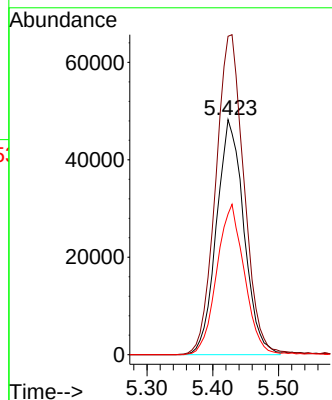
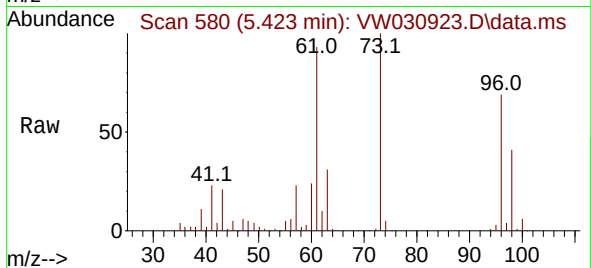
Tgt Ion: 96 Resp: 140166

Ion Ratio Lower Upper

96 100

61 135.5 95.2 176.8

98 59.8 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 35.602 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

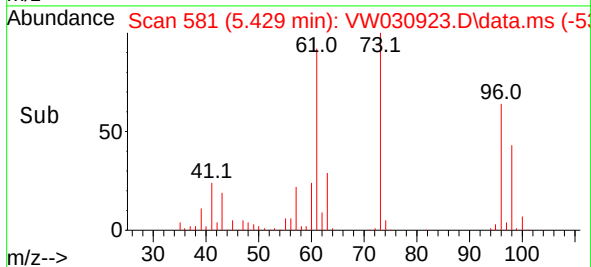
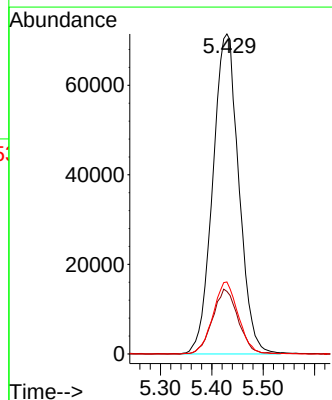
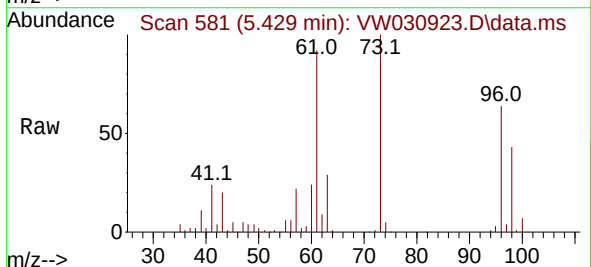
Tgt Ion: 73 Resp: 251496

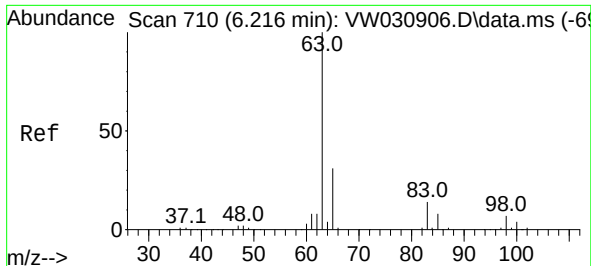
Ion Ratio Lower Upper

73 100

43 19.8 16.2 24.2

57 21.9 17.3 25.9





#19

1,1-Dichloroethane

Concen: 28.140 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

ClientSampleId :

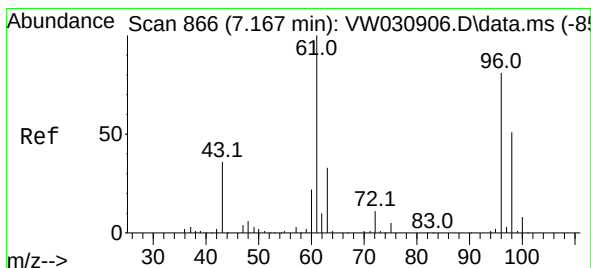
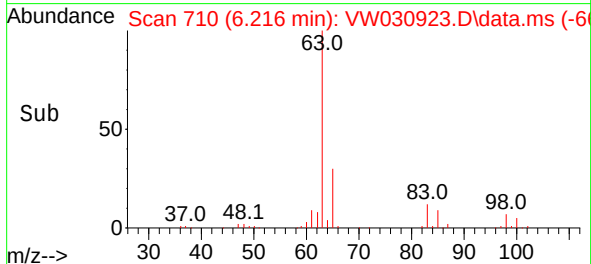
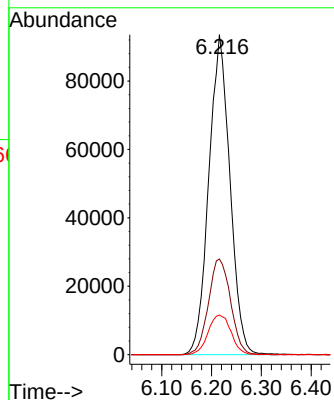
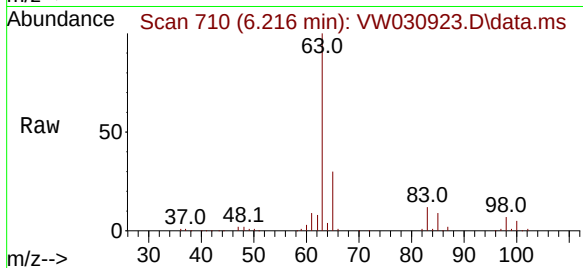
Tgt Ion: 63 Resp: 274832

Ion Ratio Lower Upper

63 100

65 29.9 23.0 42.8

83 12.4 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 30.336 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

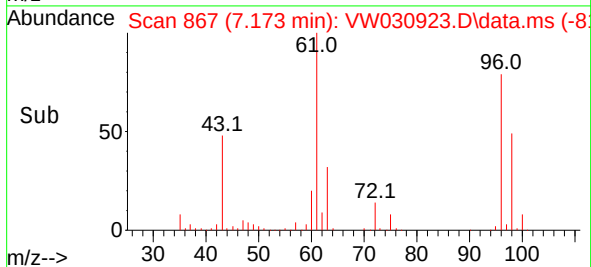
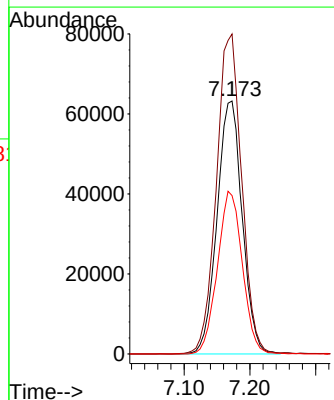
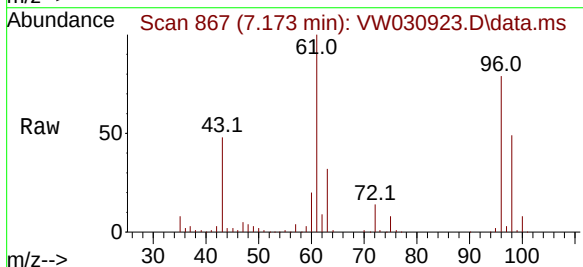
Tgt Ion: 96 Resp: 168436

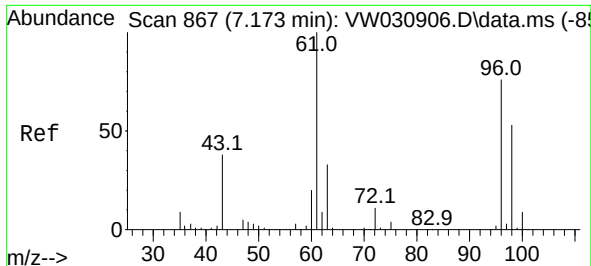
Ion Ratio Lower Upper

96 100

61 126.5 89.2 165.8

98 62.6 45.1 83.9





#22

2-Butanone

Concen: 76.443 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

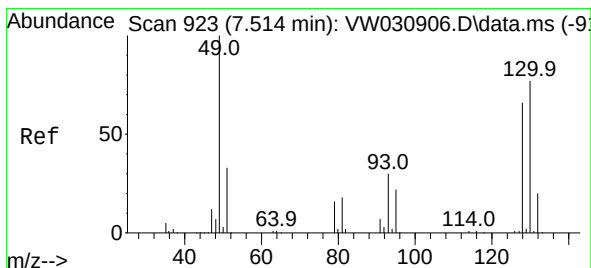
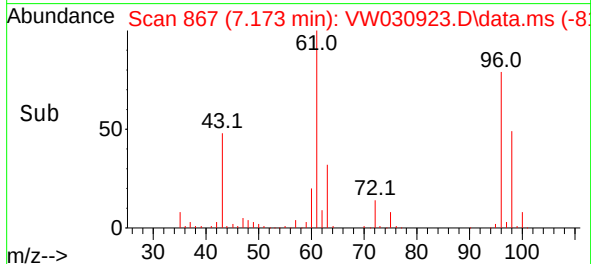
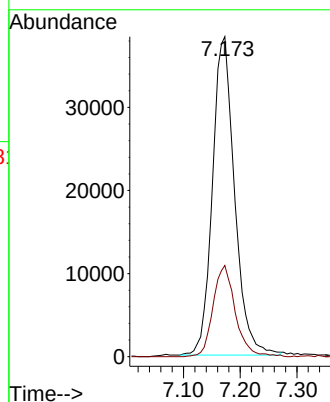
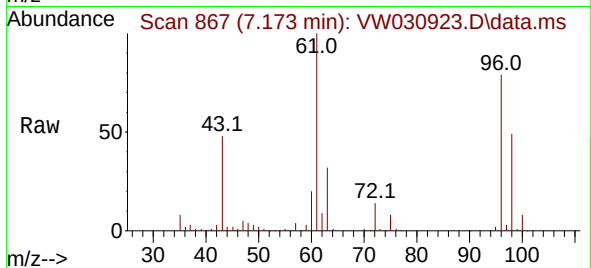
ClientSampleId :

Tgt Ion: 43 Resp: 104157

Ion Ratio Lower Upper

43 100

72 28.3 14.5 43.6



#23

Bromochloromethane

Concen: 31.780 ug/L

RT: 7.508 min Scan# 922

Delta R.T. -0.006 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Tgt Ion: 128 Resp: 77275

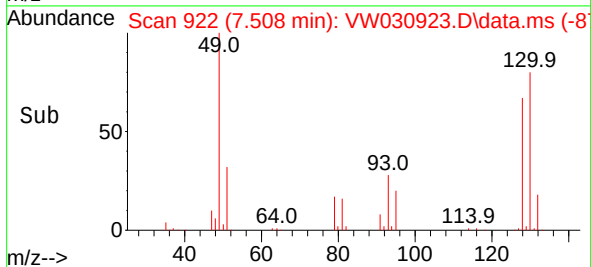
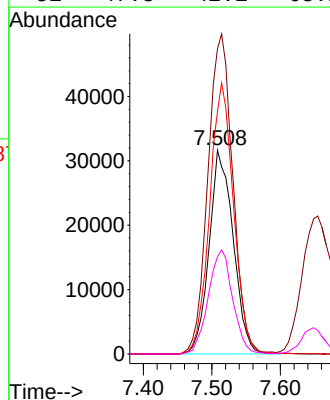
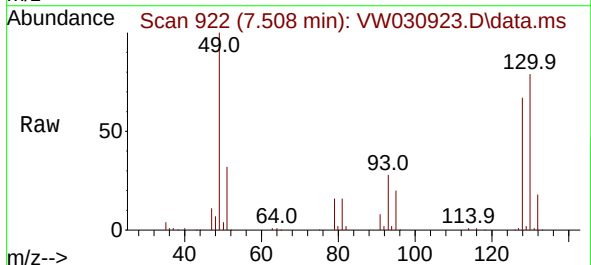
Ion Ratio Lower Upper

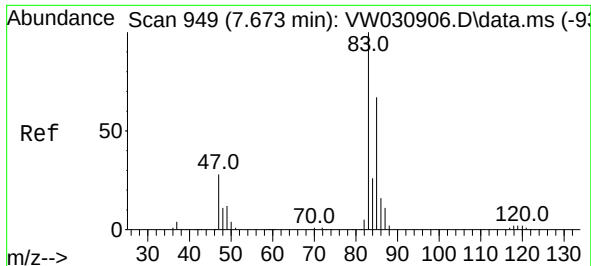
128 100

49 149.9 112.4 208.8

130 119.0 86.2 160.0

51 47.8 42.1 63.1





#25

Chloroform

Concen: 28.289 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

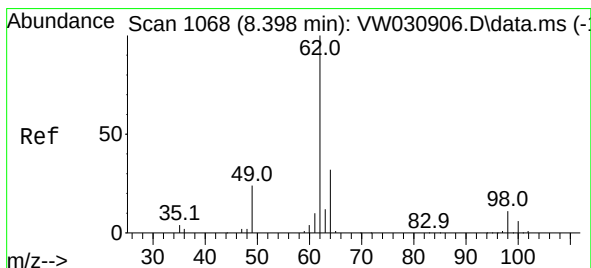
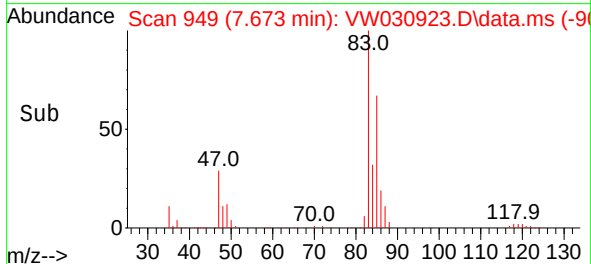
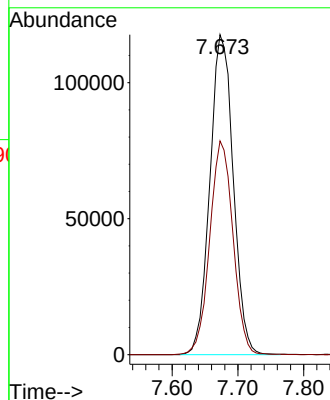
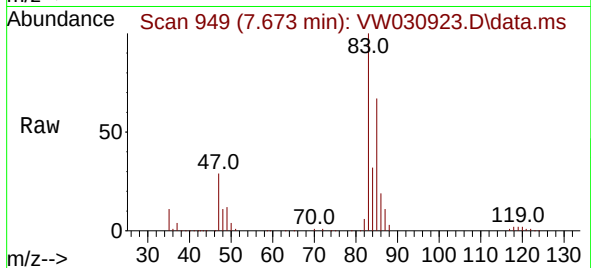
ClientSampleId :

Tgt Ion: 83 Resp: 290710

Ion Ratio Lower Upper

83 100

85 66.8 47.2 87.6



#27

1,2-Dichloroethane

Concen: 31.574 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030923.D

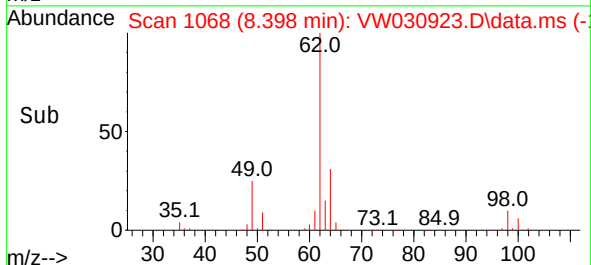
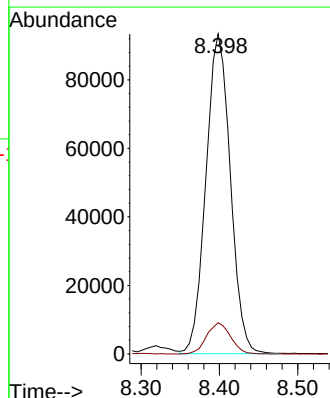
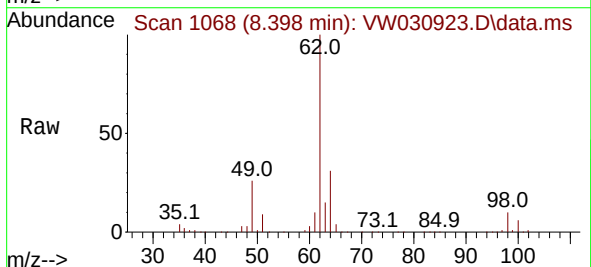
Acq: 04 Nov 2024 22:14

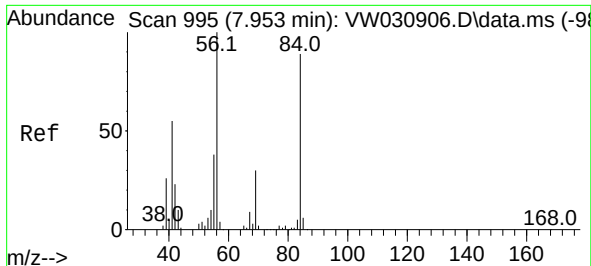
Tgt Ion: 62 Resp: 202074

Ion Ratio Lower Upper

62 100

98 9.8 7.1 10.7





#29

Cyclohexane

Concen: 25.263 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

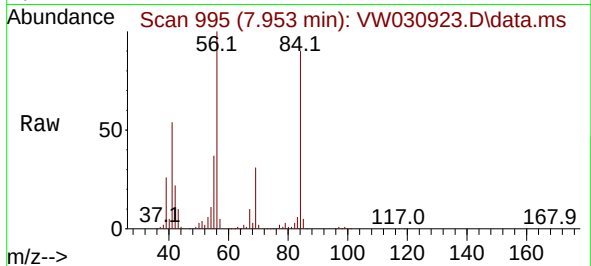
Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

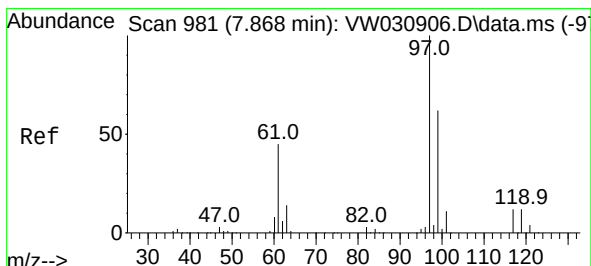
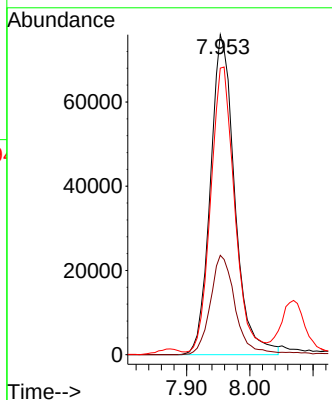
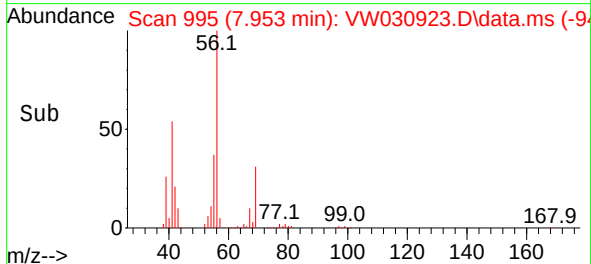
ClientSampleId :



Tgt Ion: 56 Resp: 202946

Ion Ratio Lower Upper

56	100		
69	31.4	24.8	37.2
84	88.6	69.5	104.3



#30

1,1,1-Trichloroethane

Concen: 24.843 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

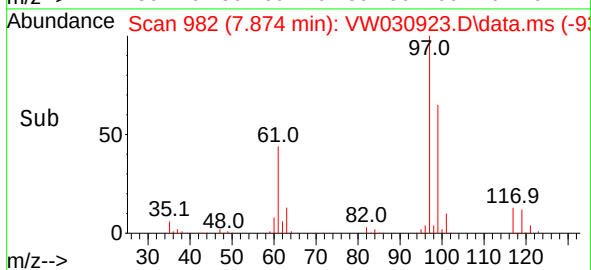
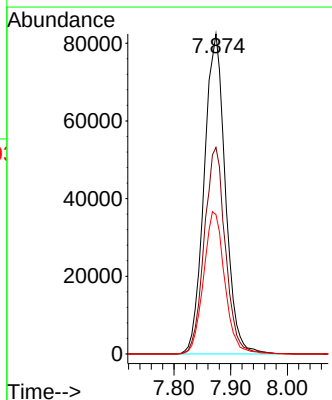
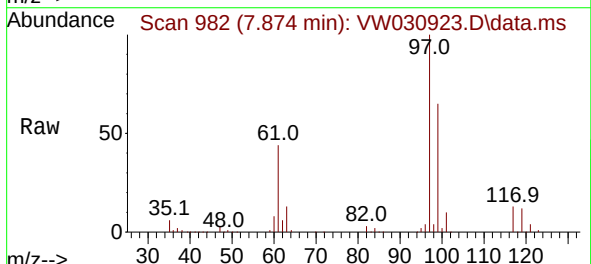
Lab File: VW030923.D

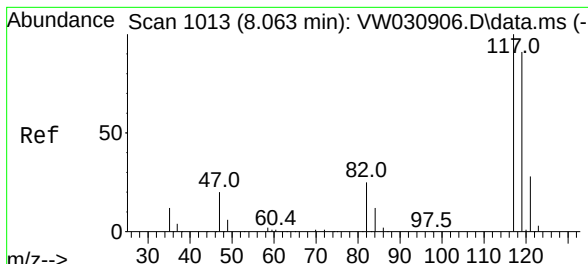
Acq: 04 Nov 2024 22:14

Tgt Ion: 97 Resp: 213919

Ion Ratio Lower Upper

97	100		
99	64.4	51.3	76.9
61	44.4	36.2	54.4

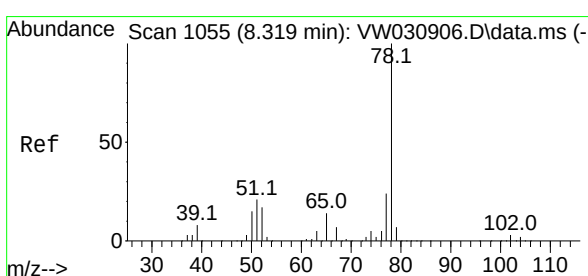
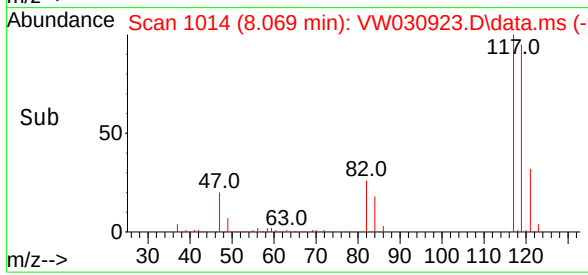
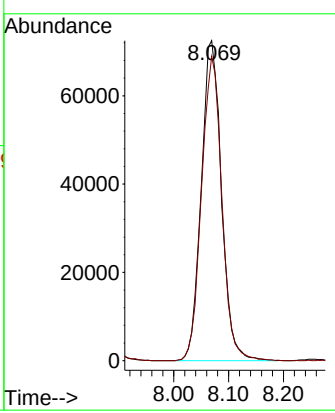
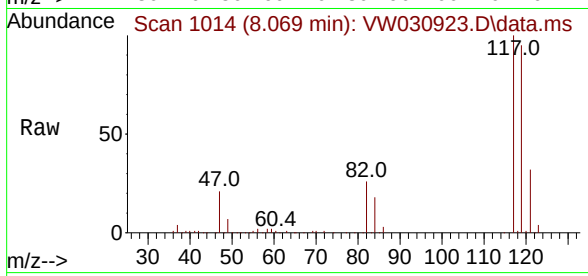




#31
Carbon tetrachloride
Concen: 23.935 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW030923.D
Acq: 04 Nov 2024 22:14

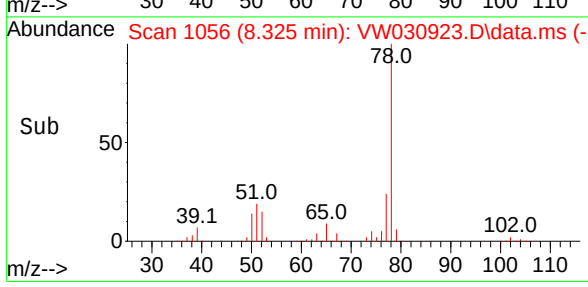
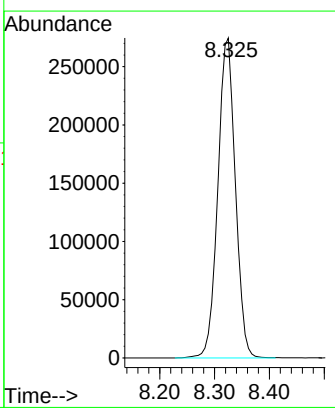
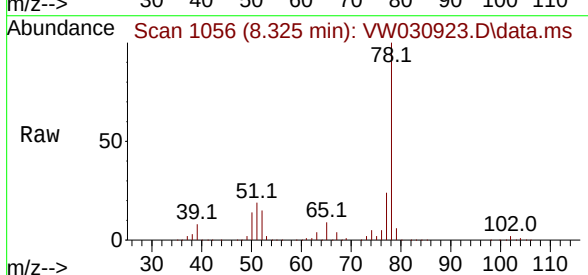
Instrument :
MSVOA_W
ClientSampleId :

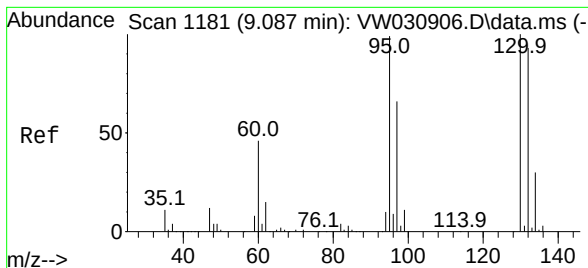
Tgt Ion:117 Resp: 185197
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.2



#33
Benzene
Concen: 28.254 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030923.D
Acq: 04 Nov 2024 22:14

Tgt Ion: 78 Resp: 610473





#34

Trichloroethene

Concen: 25.728 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 153289

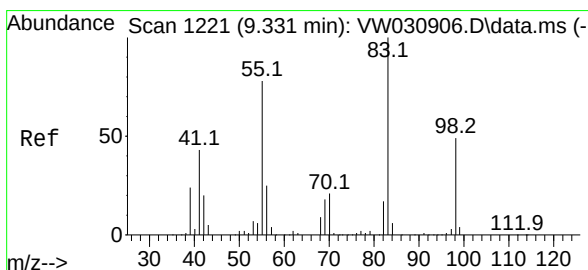
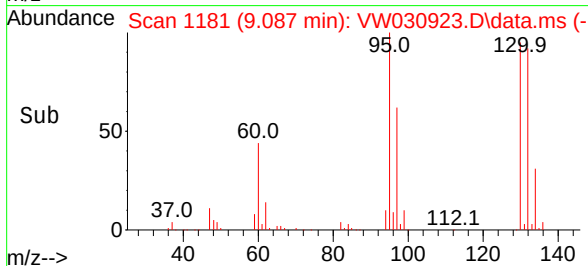
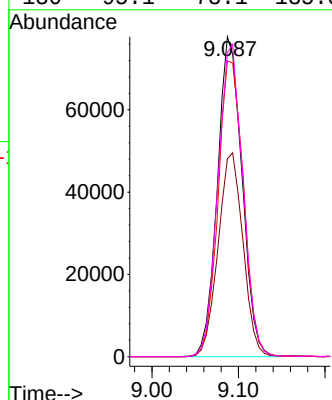
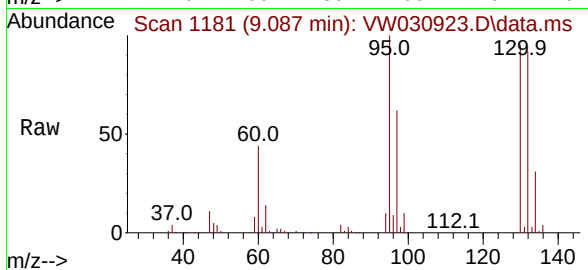
Ion Ratio Lower Upper

95 100

97 61.9 48.9 90.7

132 92.5 67.7 125.7

130 95.1 73.1 135.8



#35

Methylcyclohexane

Concen: 23.415 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

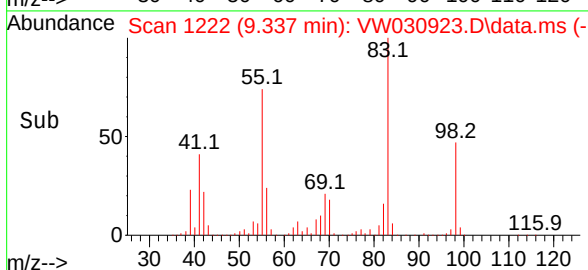
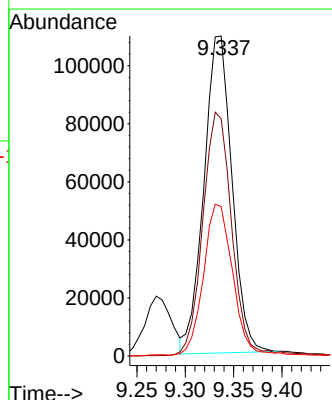
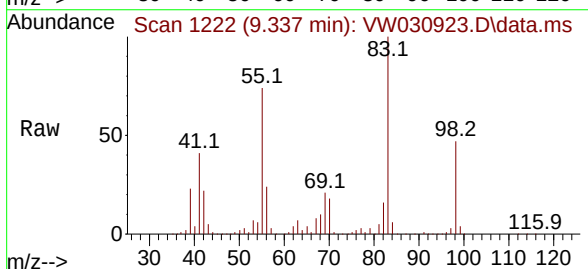
Tgt Ion: 83 Resp: 221113

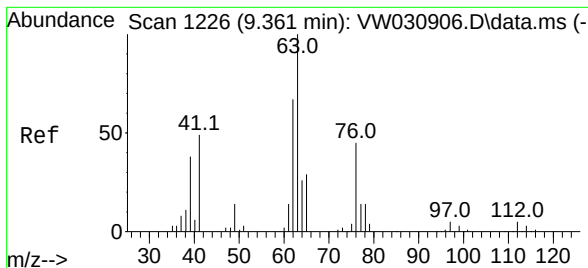
Ion Ratio Lower Upper

83 100

55 79.6 62.8 94.2

98 49.9 39.4 59.2





#37

1,2-Dichloropropane

Concen: 30.605 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

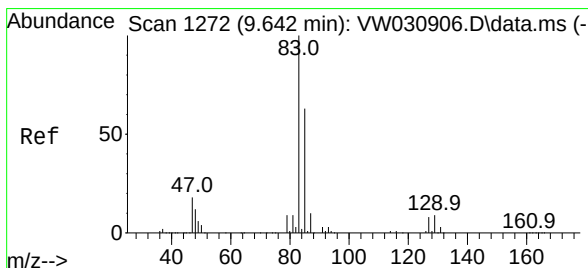
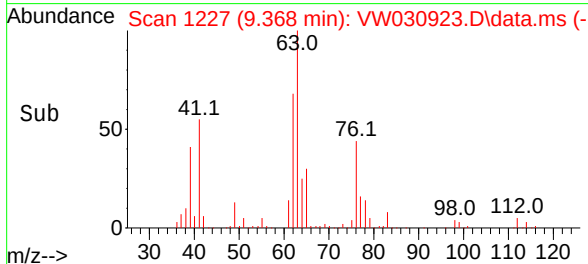
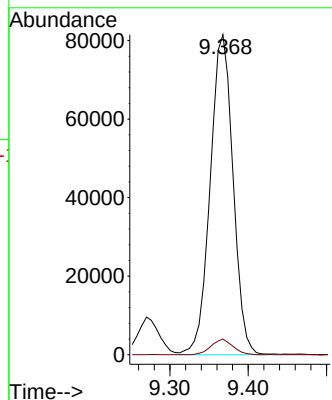
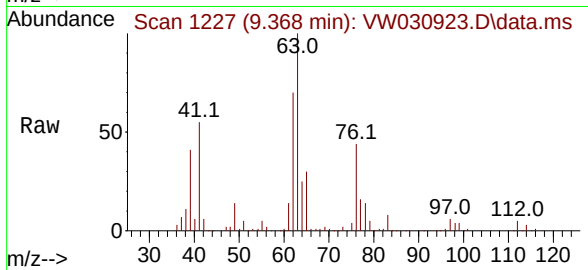
ClientSampleId :

Tgt Ion: 63 Resp: 165263

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 29.710 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

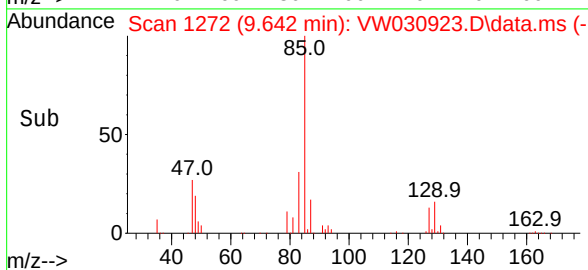
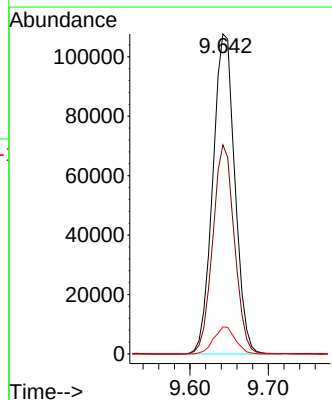
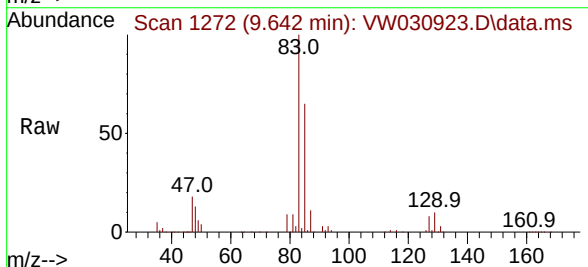
Tgt Ion: 83 Resp: 210681

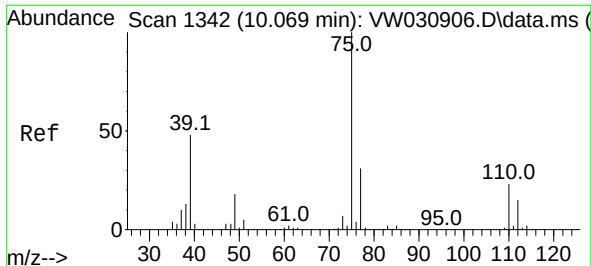
Ion Ratio Lower Upper

83 100

85 65.3 44.1 81.9

127 8.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 30.646 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

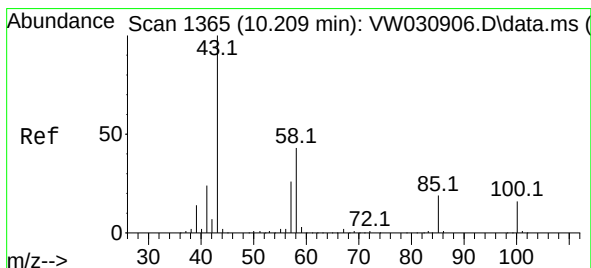
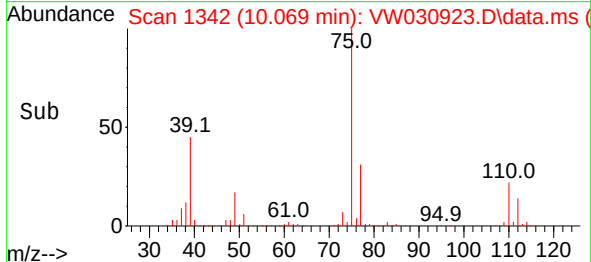
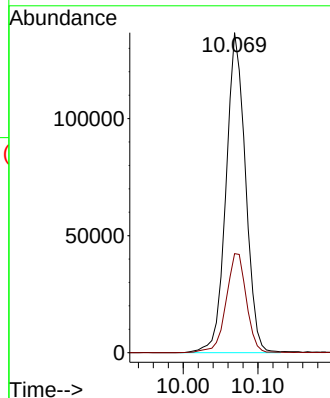
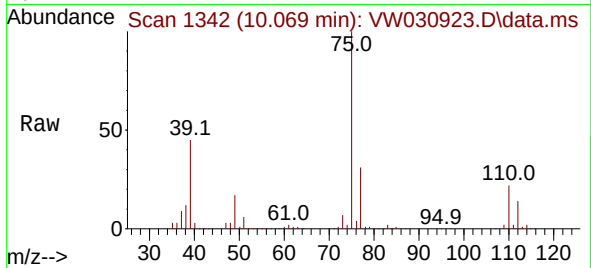
ClientSampleId :

Tgt Ion: 75 Resp: 247554

Ion Ratio Lower Upper

75 100

77 31.0 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 83.526 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

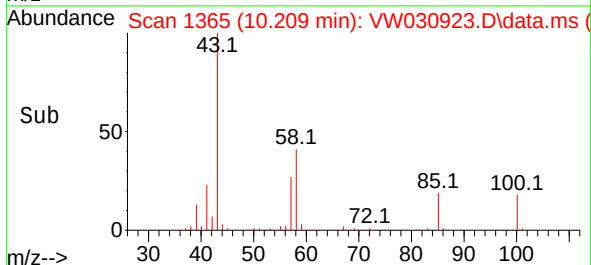
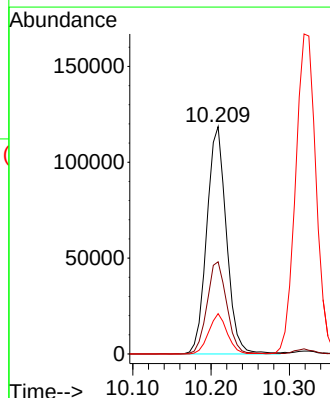
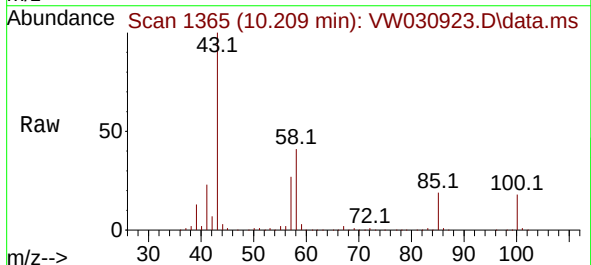
Tgt Ion: 43 Resp: 206263

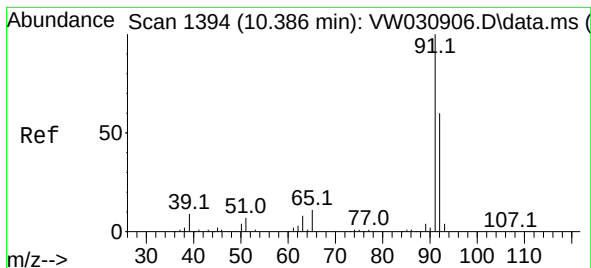
Ion Ratio Lower Upper

43 100

58 40.7 32.2 48.4

100 16.6 13.3 19.9





#42

Toluene

Concen: 27.119 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

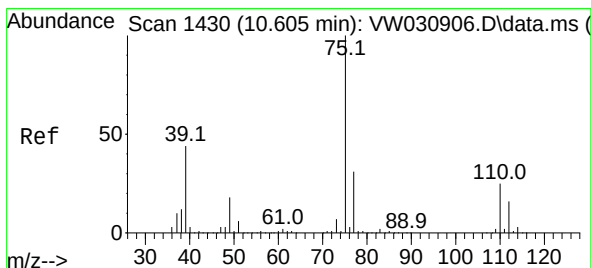
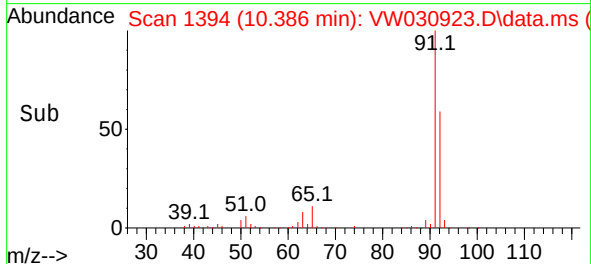
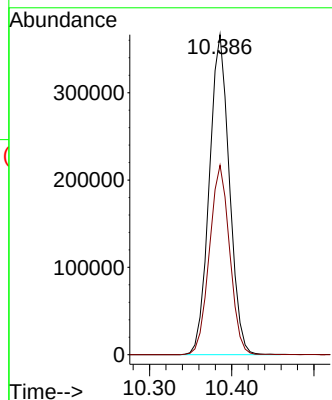
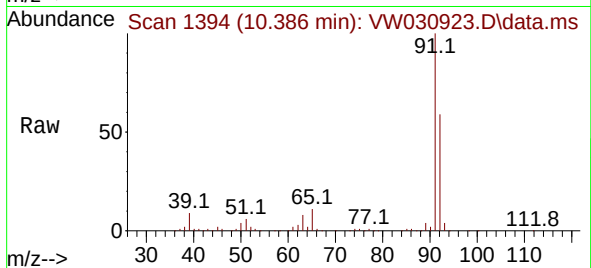
ClientSampleId :

Tgt Ion: 91 Resp: 620492

Ion Ratio Lower Upper

91 100

92 59.2 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 31.581 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030923.D

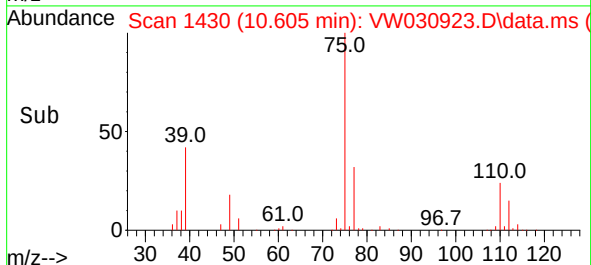
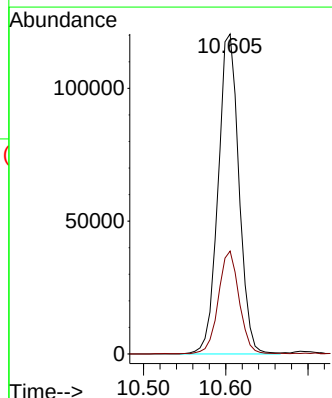
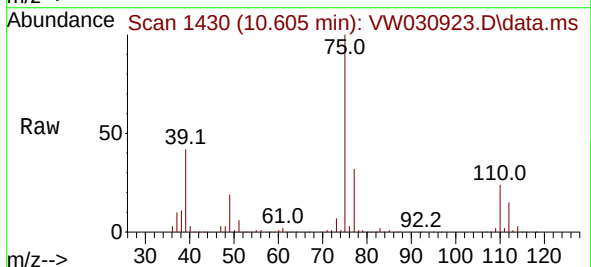
Acq: 04 Nov 2024 22:14

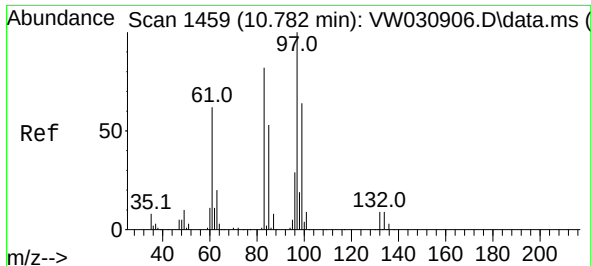
Tgt Ion: 75 Resp: 211932

Ion Ratio Lower Upper

75 100

77 32.1 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 33.094 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 128268

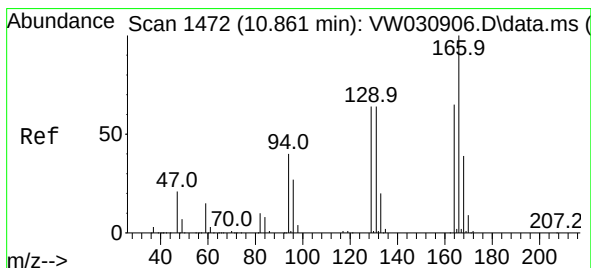
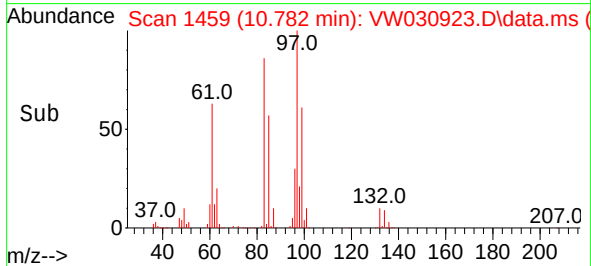
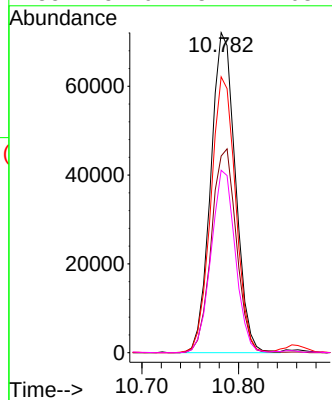
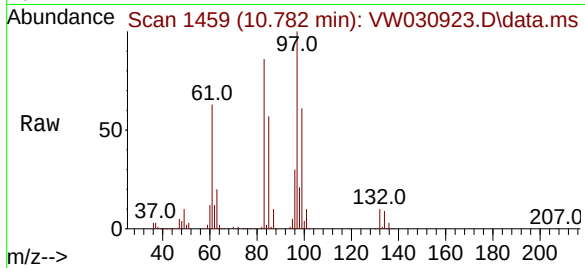
Ion Ratio Lower Upper

97 100

99 61.4 42.8 79.4

83 86.2 60.6 112.6

85 57.0 37.1 68.9



#46

Tetrachloroethene

Concen: 24.245 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Tgt Ion:164 Resp: 110429

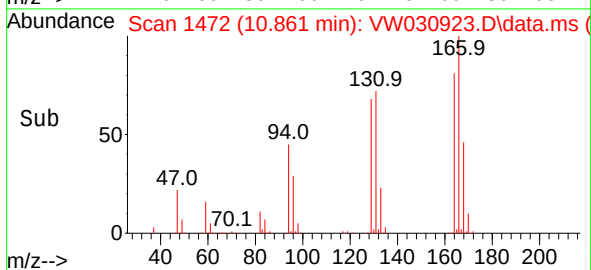
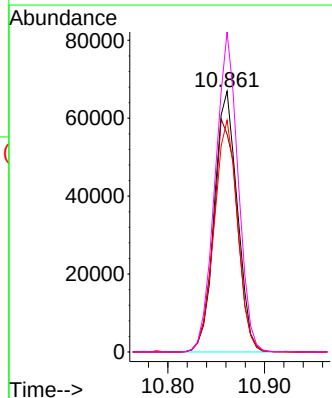
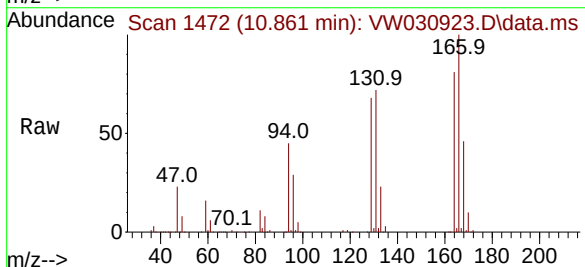
Ion Ratio Lower Upper

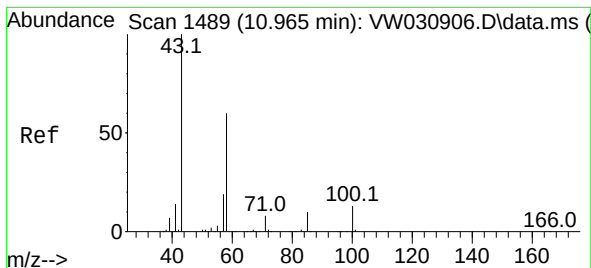
164 100

129 83.5 71.1 132.1

131 88.9 62.6 116.3

166 122.8 83.7 155.5

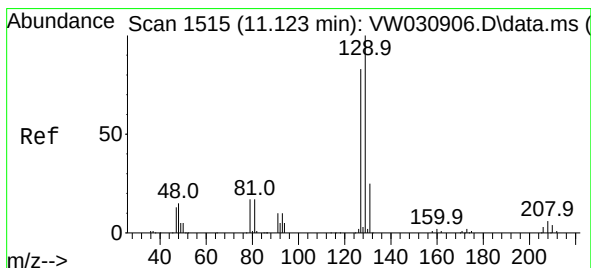
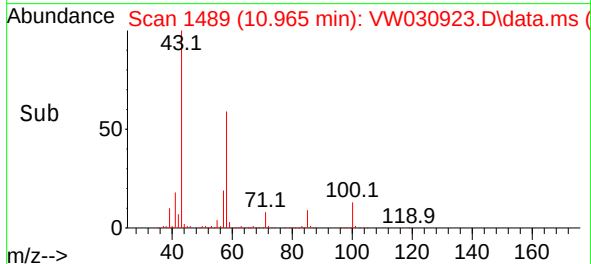
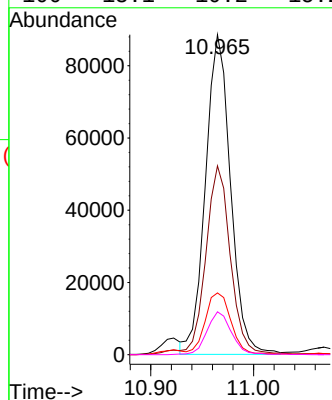
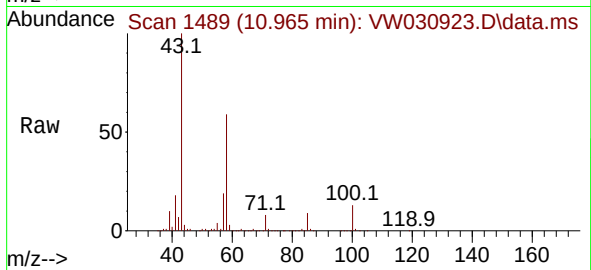




#48
2-Hexanone
Concen: 80.272 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030923.D
Acq: 04 Nov 2024 22:14

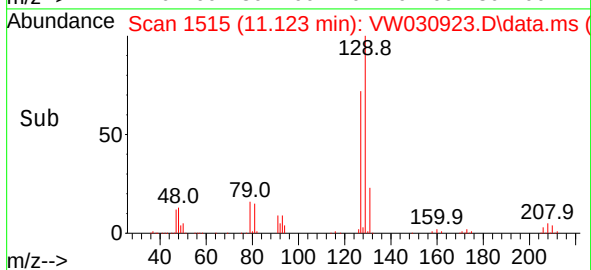
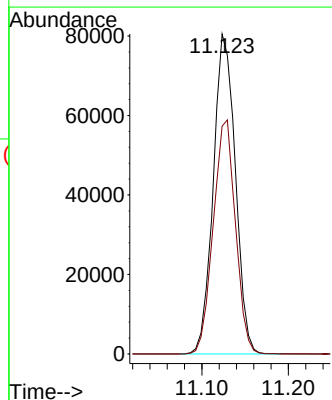
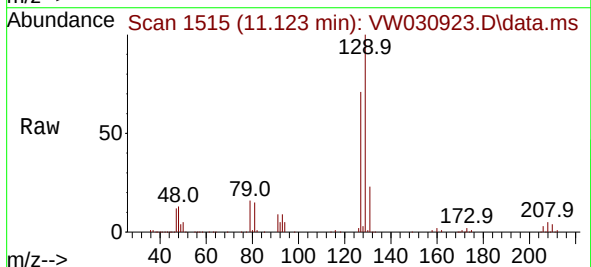
Instrument :
MSVOA_W
ClientSampleId :

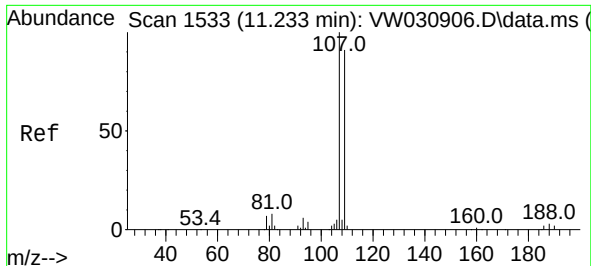
Tgt Ion: 43 Resp: 150811
Ion Ratio Lower Upper
43 100
58 57.6 43.8 65.8
57 19.7 15.4 23.2
100 13.1 10.2 15.2



#49
Dibromochloromethane
Concen: 33.733 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW030923.D
Acq: 04 Nov 2024 22:14

Tgt Ion:129 Resp: 142554
Ion Ratio Lower Upper
129 100
127 71.2 52.1 96.7





#50

1,2-Dibromoethane

Concen: 34.890 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

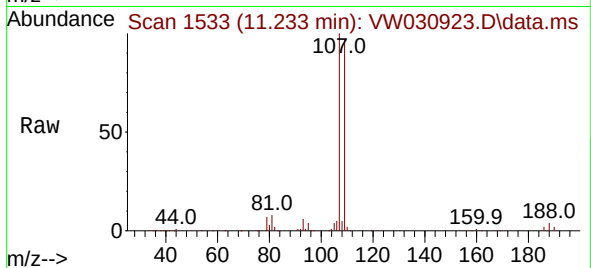
Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

ClientSampleId :



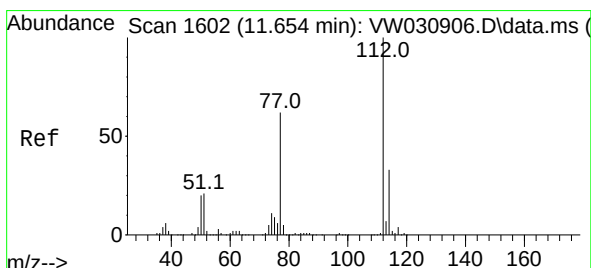
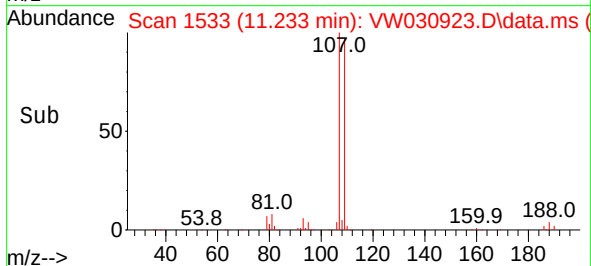
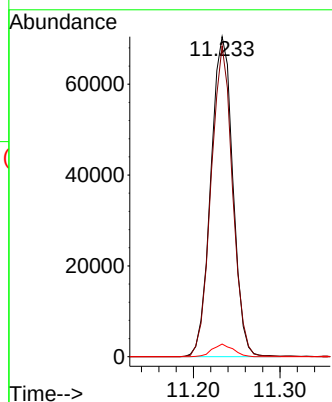
Tgt Ion:107 Resp: 124708

Ion Ratio Lower Upper

107 100

109 97.1 64.3 119.3

188 3.9 2.7 4.1



#51

Chlorobenzene

Concen: 26.896 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

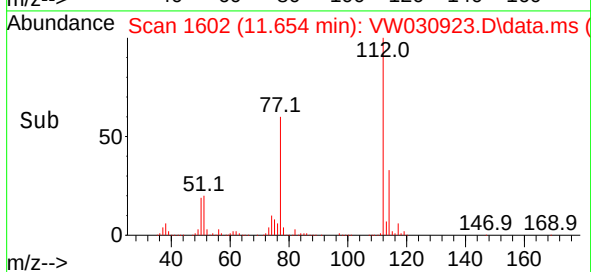
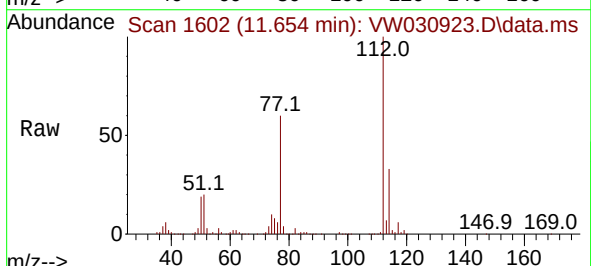
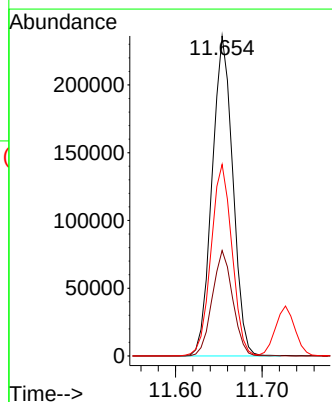
Tgt Ion:112 Resp: 393837

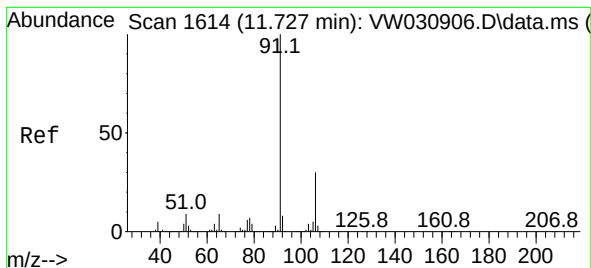
Ion Ratio Lower Upper

112 100

114 33.0 21.9 40.7

77 59.9 45.3 67.9





#52

Ethylbenzene

Concen: 24.595 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

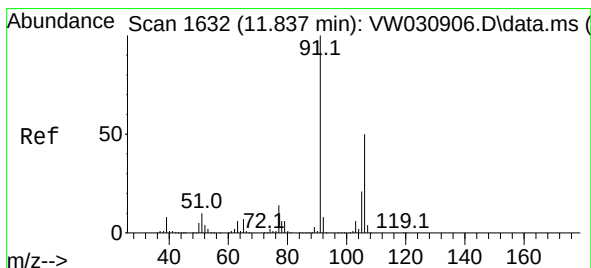
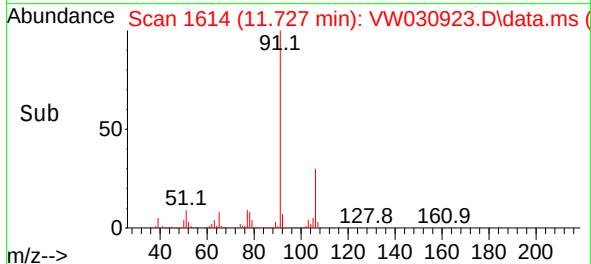
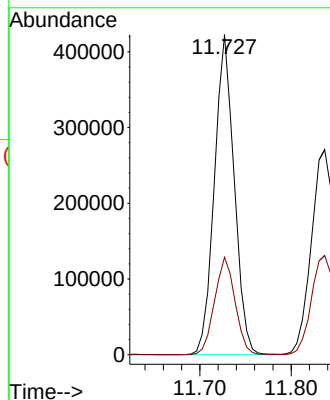
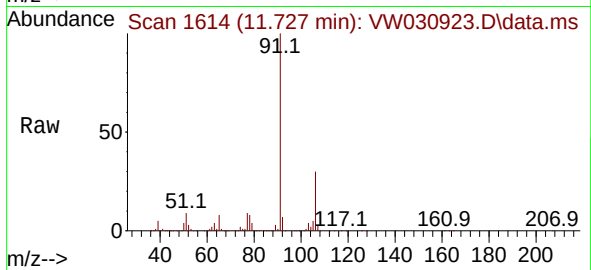
ClientSampleId :

Tgt Ion: 91 Resp: 635827

Ion Ratio Lower Upper

91 100

106 30.5 21.6 40.0



#53

m,p-Xylene

Concen: 24.889 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030923.D

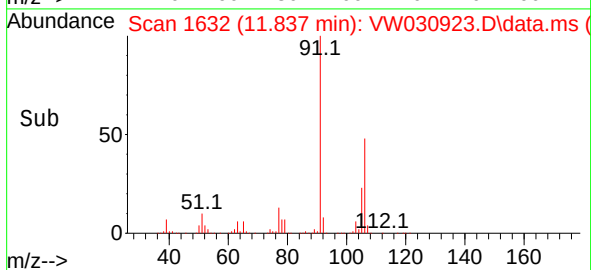
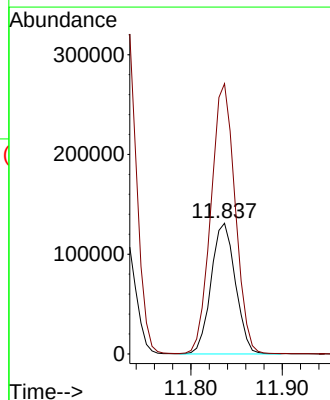
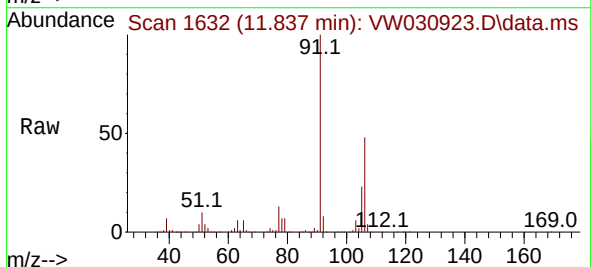
Acq: 04 Nov 2024 22:14

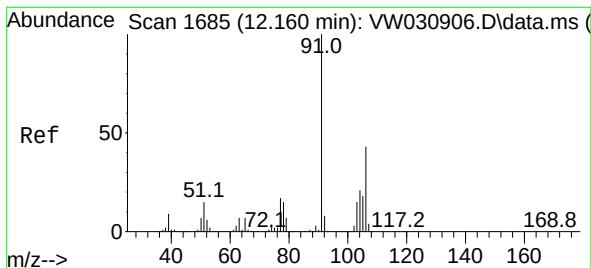
Tgt Ion:106 Resp: 241999

Ion Ratio Lower Upper

106 100

91 206.7 140.7 261.3





#54

o-Xylene

Concen: 27.292 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

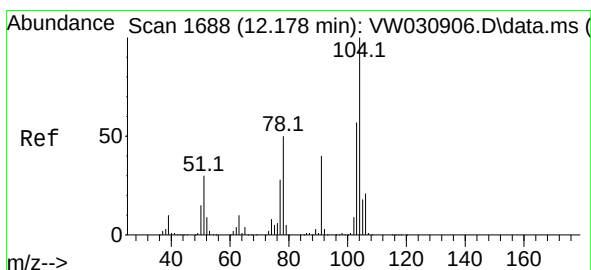
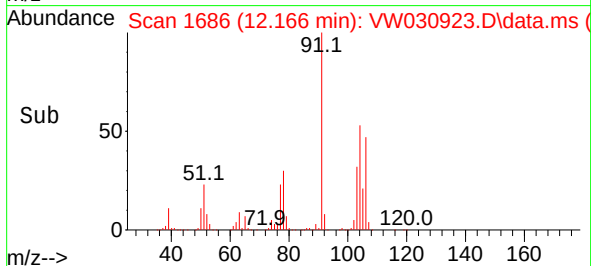
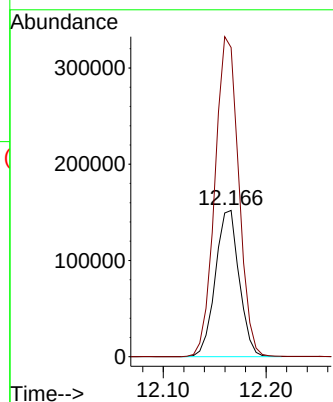
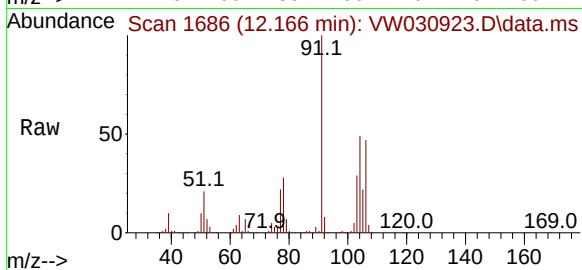
ClientSampleId :

Tgt Ion:106 Resp: 244172

Ion Ratio Lower Upper

106 100

91 211.4 149.9 278.3



#55

Styrene

Concen: 28.704 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030923.D

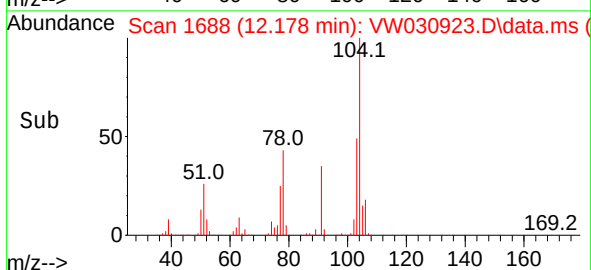
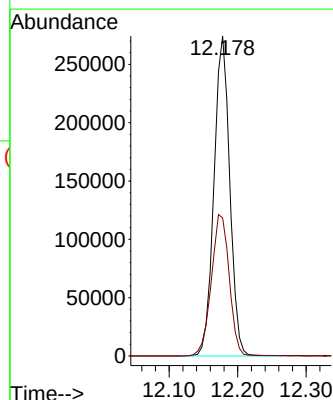
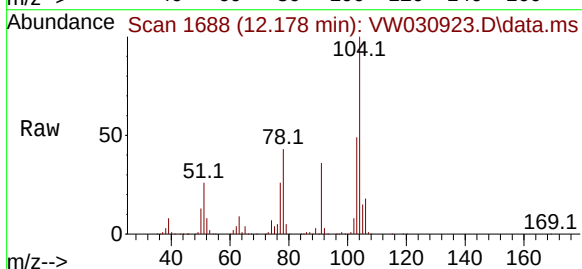
Acq: 04 Nov 2024 22:14

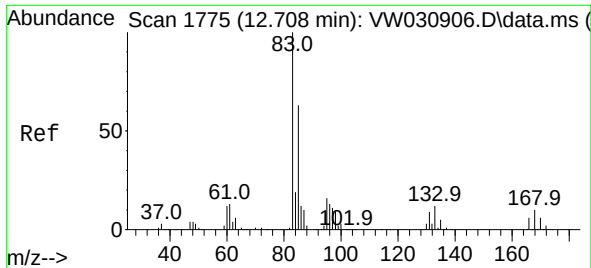
Tgt Ion:104 Resp: 438768

Ion Ratio Lower Upper

104 100

78 43.1 31.8 59.0

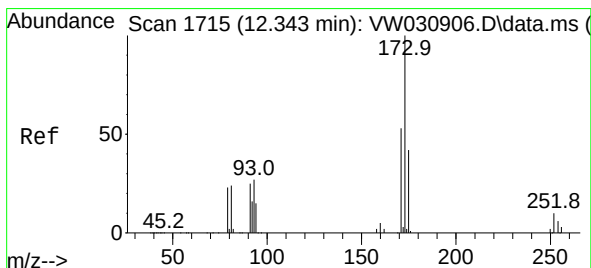
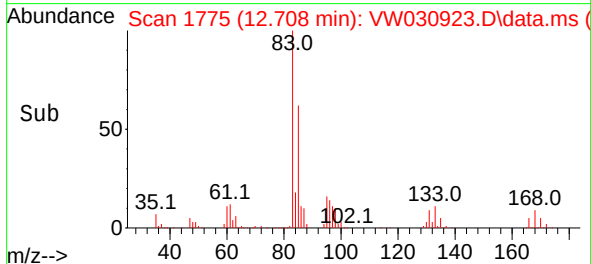
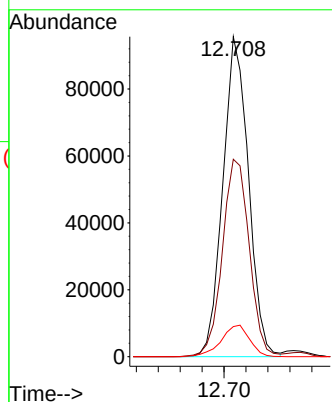
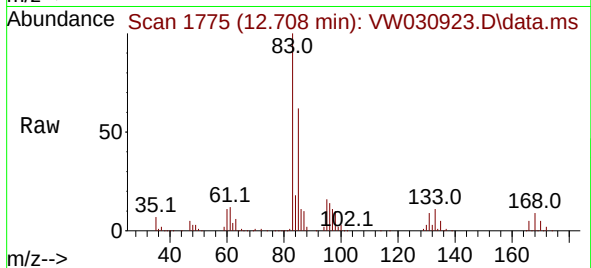




#57
1,1,2,2-Tetrachloroethane
Concen: 36.667 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030923.D
Acq: 04 Nov 2024 22:14

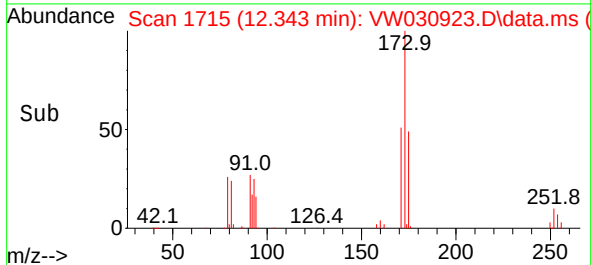
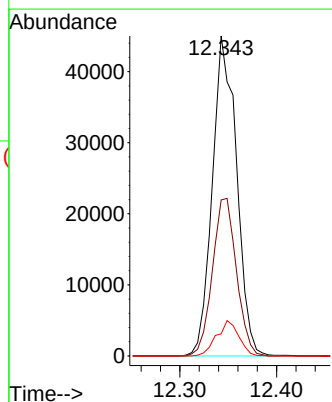
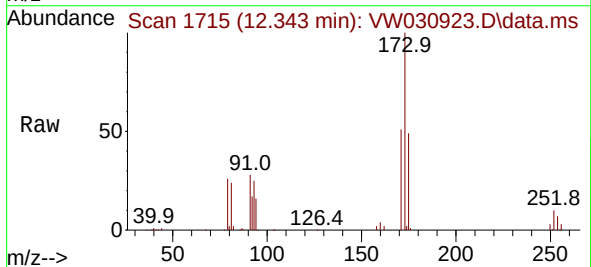
Instrument :
MSVOA_W
ClientSampleId :

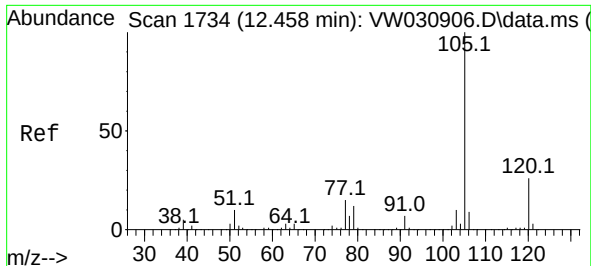
Tgt Ion: 83 Resp: 155095
Ion Ratio Lower Upper
83 100
85 61.7 45.1 83.7
131 9.4 7.7 11.5



#59
Bromoform
Concen: 34.898 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VW030923.D
Acq: 04 Nov 2024 22:14

Tgt Ion:173 Resp: 78121
Ion Ratio Lower Upper
173 100
175 48.9 39.3 58.9
254 10.1 7.8 11.6





#60

Isopropylbenzene

Concen: 24.320 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

ClientSampleId :

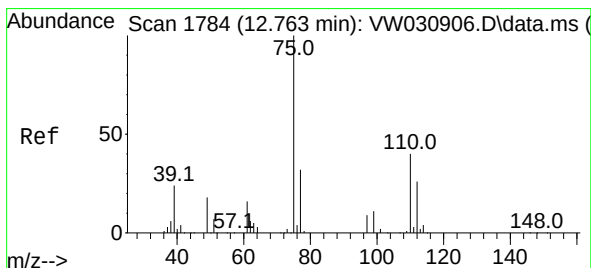
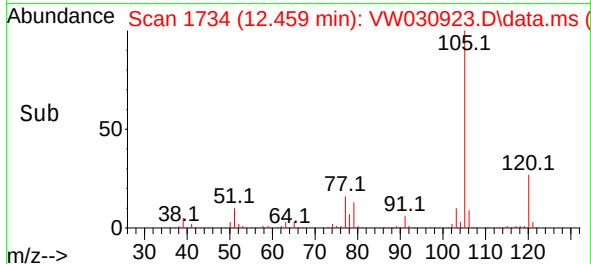
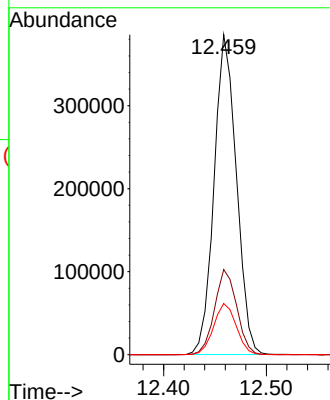
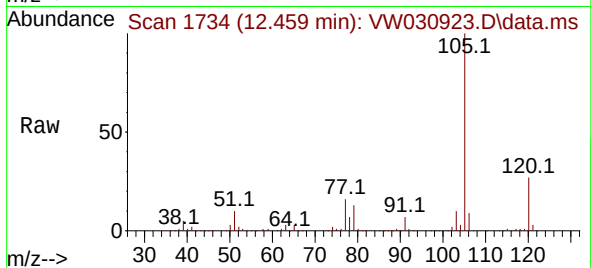
Tgt Ion:105 Resp: 581578

Ion Ratio Lower Upper

105 100

120 26.4 20.6 31.0

77 16.3 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 37.716 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

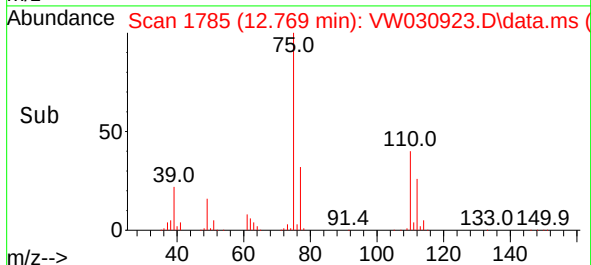
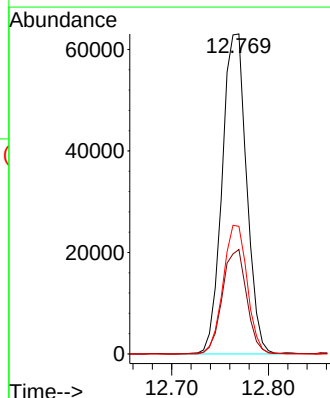
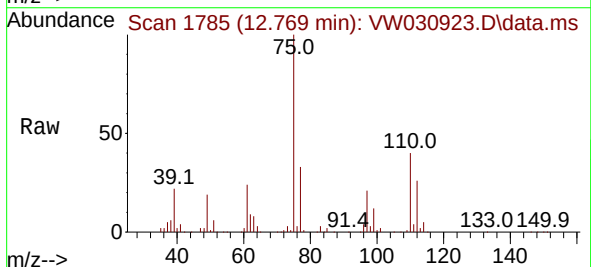
Tgt Ion: 75 Resp: 110853

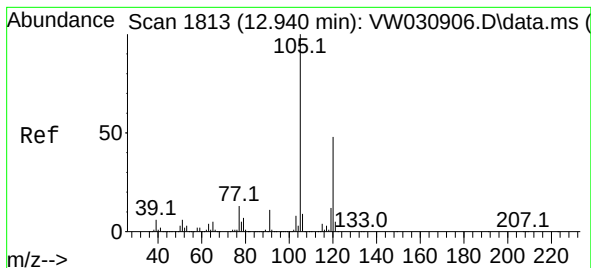
Ion Ratio Lower Upper

75 100

77 32.6 26.2 39.2

110 39.6 31.8 47.8

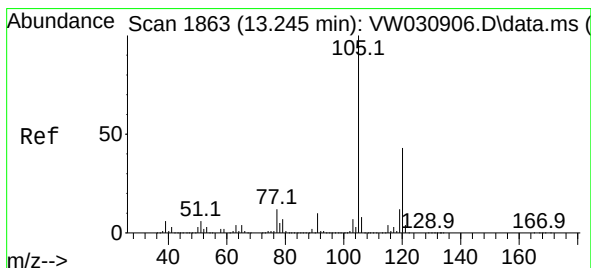
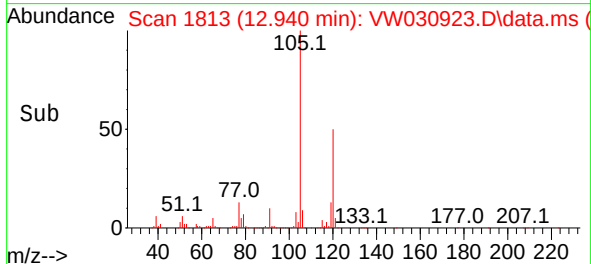
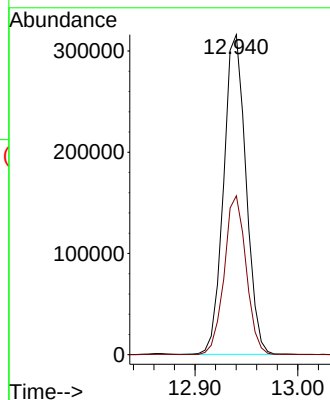
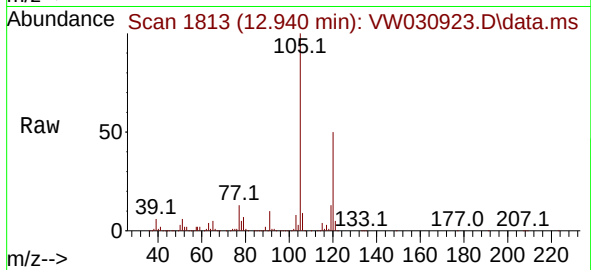




#62
1,3,5-Trimethylbenzene
Concen: 25.349 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030923.D
Acq: 04 Nov 2024 22:14

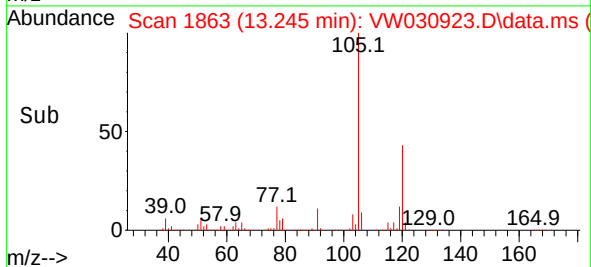
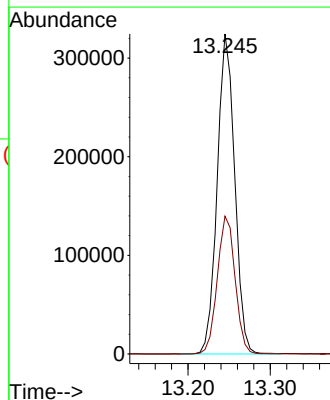
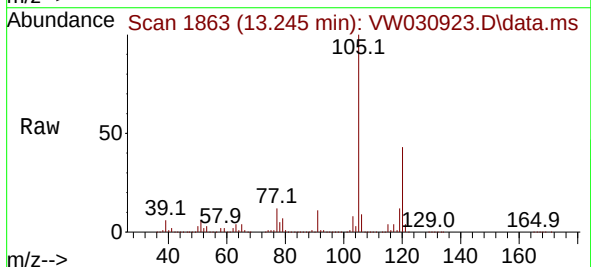
Instrument :
MSVOA_W
ClientSampleId :

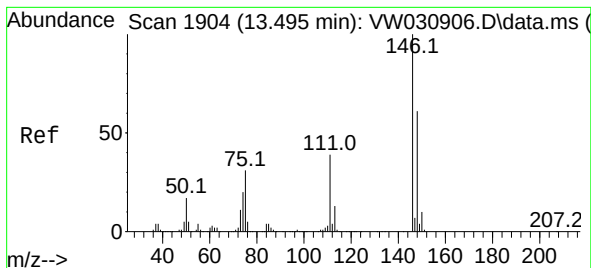
Tgt Ion:105 Resp: 477280
Ion Ratio Lower Upper
105 100
120 48.5 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 26.173 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030923.D
Acq: 04 Nov 2024 22:14

Tgt Ion:105 Resp: 479913
Ion Ratio Lower Upper
105 100
120 43.8 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 27.308 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

ClientSampleId :

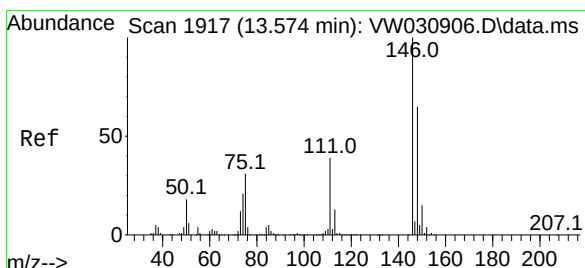
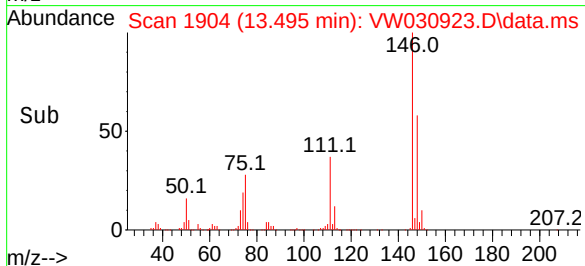
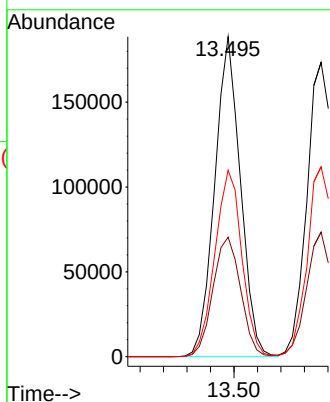
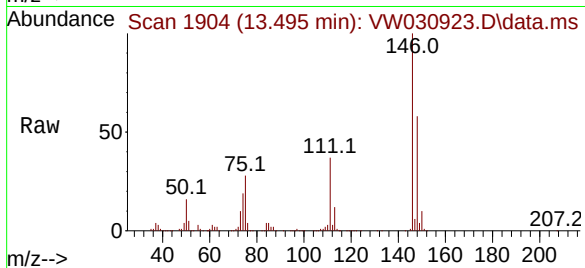
Tgt Ion:146 Resp: 286737

Ion Ratio Lower Upper

146 100

111 37.3 26.8 49.8

148 58.2 41.8 77.6



#65

1,4-Dichlorobenzene

Concen: 26.218 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

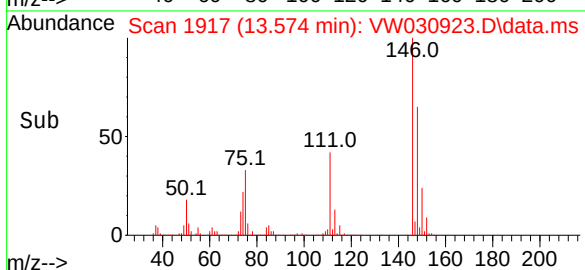
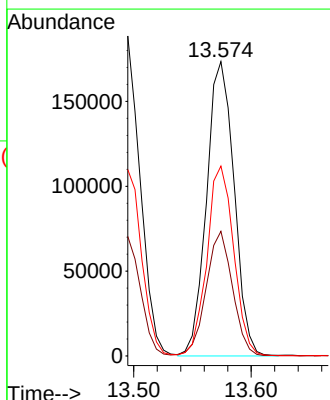
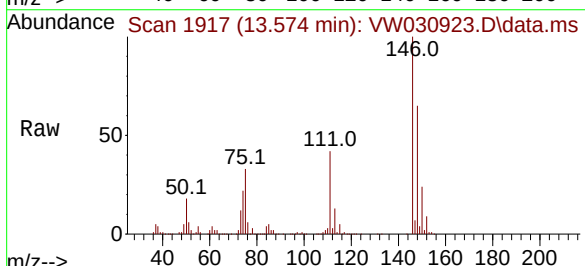
Tgt Ion:146 Resp: 282625

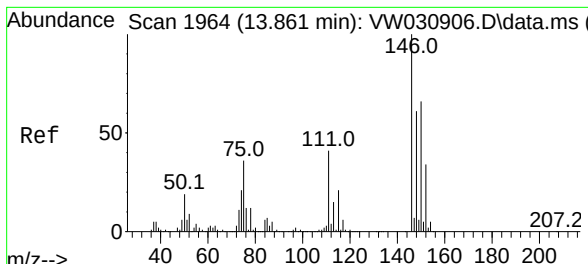
Ion Ratio Lower Upper

146 100

111 42.3 27.6 51.4

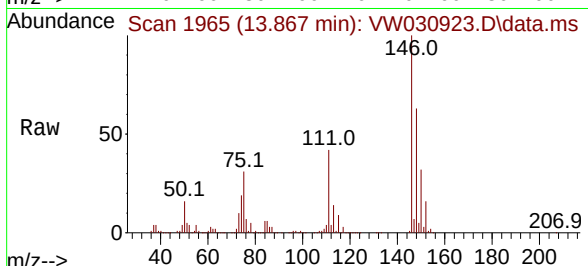
148 64.5 41.6 77.2





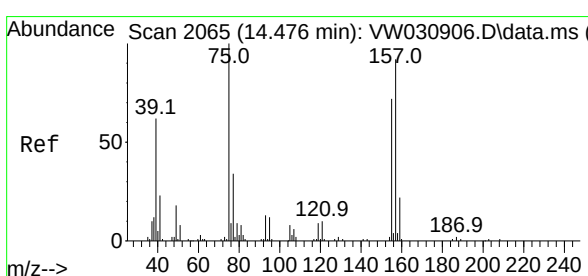
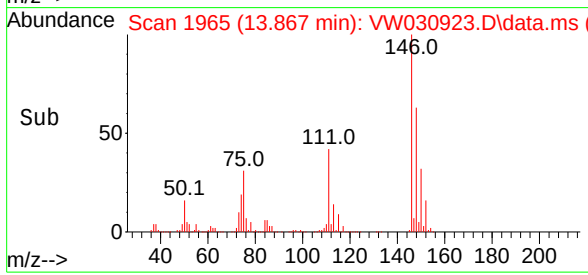
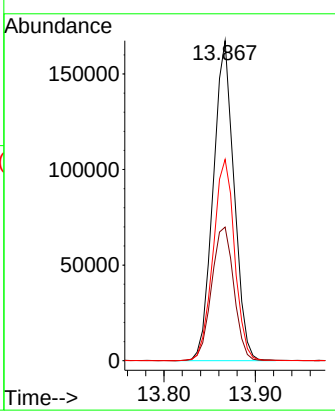
#67
 1,2-Dichlorobenzene
 Concen: 28.412 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.006 min
 Lab File: VW030923.D
 Acq: 04 Nov 2024 22:14

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:146 Resp: 265885

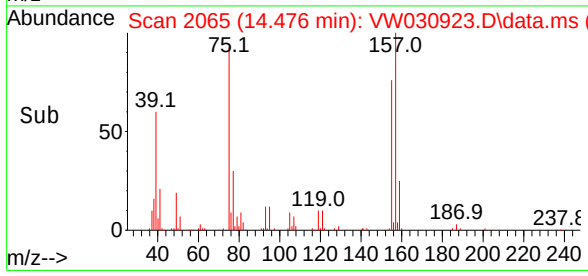
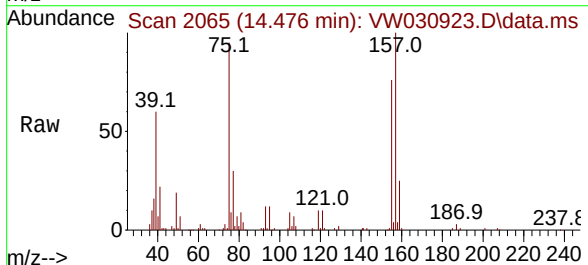
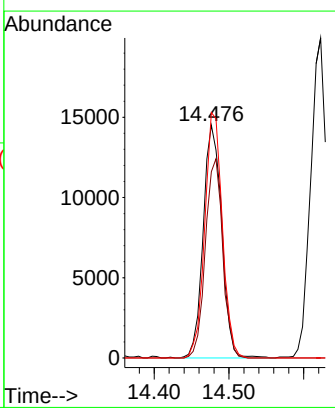
Ion	Ratio	Lower	Upper
146	100		
111	41.7	34.3	51.5
148	62.9	48.0	72.0

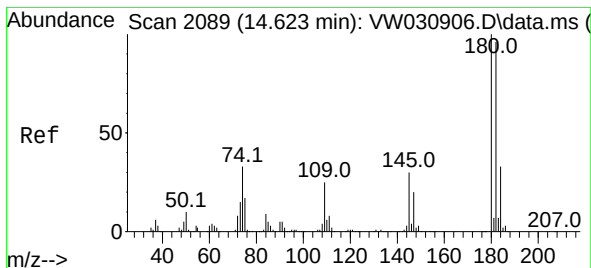


#68
 1,2-Dibromo-3-chloropropane
 Concen: 40.163 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VW030923.D
 Acq: 04 Nov 2024 22:14

Tgt Ion: 75 Resp: 24992

Ion	Ratio	Lower	Upper
75	100		
155	80.0	56.2	84.2
157	105.5	74.9	112.3





#69

1,3,5-Trichlorobenzene

Concen: 24.672 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

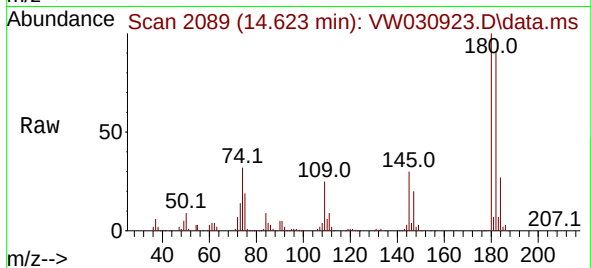
Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 171914

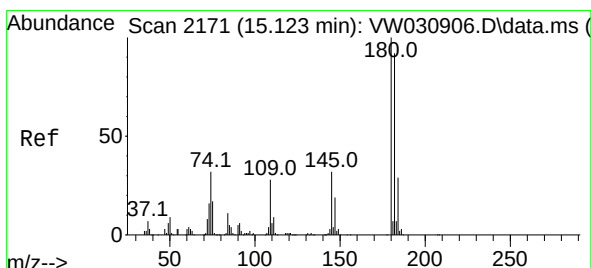
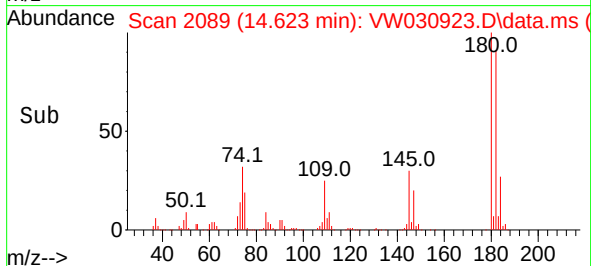
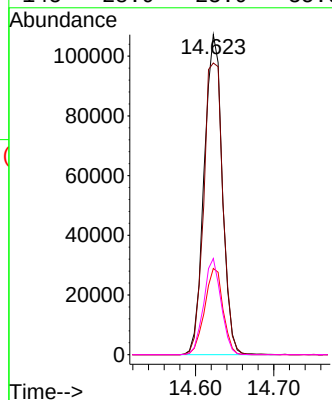
Ion Ratio Lower Upper

180 100

182 96.3 76.6 114.8

184 27.3 23.9 35.9

145 28.9 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 28.211 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

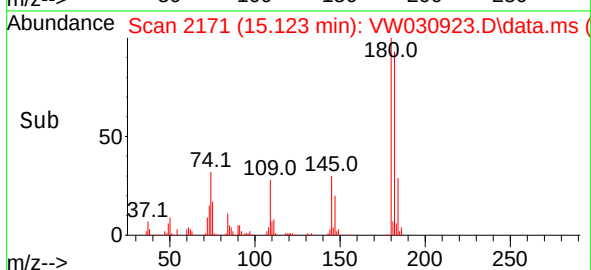
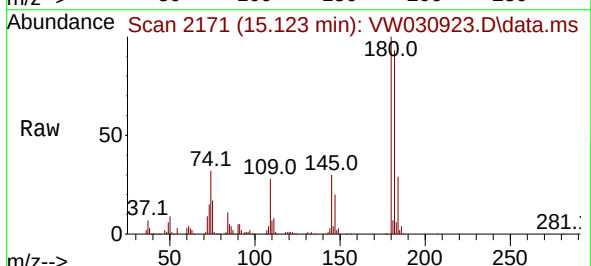
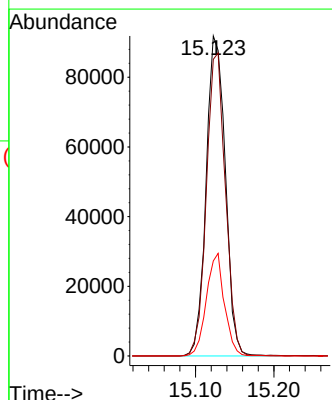
Tgt Ion:180 Resp: 156086

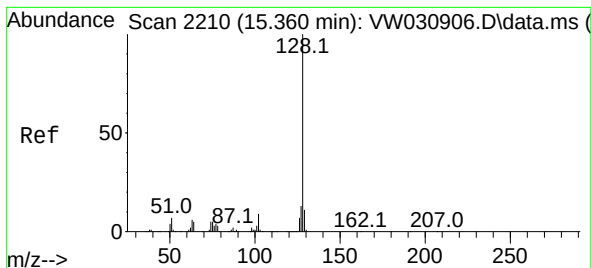
Ion Ratio Lower Upper

180 100

182 93.9 74.5 111.7

145 30.2 24.2 36.2





#71

Naphthalene

Concen: 40.327 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Instrument :

MSVOA_W

ClientSampleId :

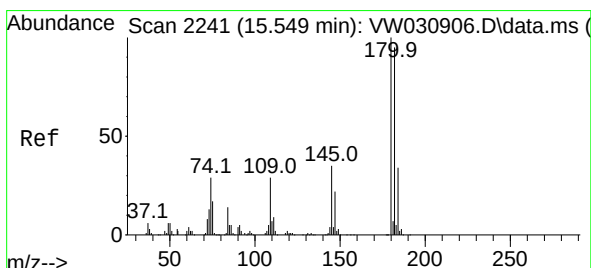
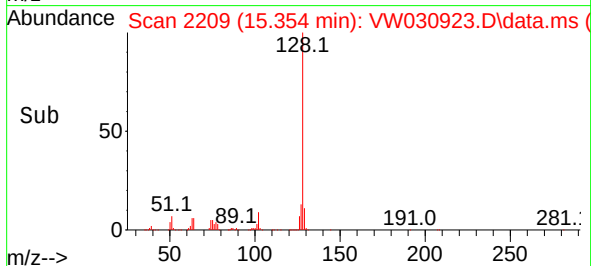
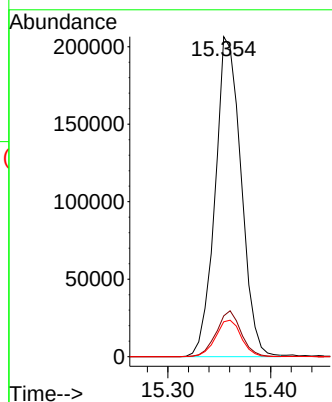
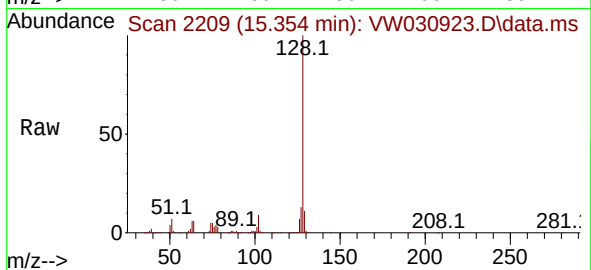
Tgt Ion:128 Resp: 361704

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 11.3 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 29.557 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030923.D

Acq: 04 Nov 2024 22:14

Tgt Ion:180 Resp: 140934

Ion Ratio Lower Upper

180 100

182 101.0 79.2 118.8

145 35.7 27.0 40.6

