

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030924.D
 Acq On : 04 Nov 2024 22:39
 Operator : SY/MD
 Sample : P4586-04MSD
 Misc : 5.07g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 00:46:56 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	362391	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	294365	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	125970	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	123690	20.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
7) Chloroethane-d5	2.899	69	102871	22.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.280%
11) 1,1-Dichloroethene-d2	4.021	65	52381	21.358	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.440%
21) 2-Butanone-d5	7.081	46	71596	73.199	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.400%#
24) Chloroform-d	7.648	84	272876	25.542	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.160%
26) 1,2-Dichloroethane-d4	8.306	65	147150	27.703	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	8.270	84	511636	27.978	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.920%
36) 1,2-Dichloropropane-d6	9.270	67	159483	29.583	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.320%
41) Toluene-d8	10.324	98	427442	26.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.240%
43) trans-1,3-Dichloroprop...	10.574	79	66233	30.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	121.240%
47) 2-Hexanone-d5	10.922	63	60843	87.083	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	174.160%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	133406	35.519	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	142.080%#
66) 1,2-Dichlorobenzene-d4	13.848	152	124282	27.085	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	74926	19.410	ug/L	94
3) Chloromethane	2.228	50	137255	26.388	ug/L	99
5) Vinyl chloride	2.375	62	142866	23.176	ug/L	97
6) Bromomethane	2.789	94	101707	25.128	ug/L	93
8) Chloroethane	2.929	64	90346	24.176	ug/L	97
9) Trichlorofluoromethane	3.265	101	123451	21.944	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	119669	23.107	ug/L	90
12) 1,1-Dichloroethene	4.045	96	112124	23.937	ug/L	97
13) Acetone	4.124	43	67737	56.703	ug/L	97
14) Carbon disulfide	4.399	76	341823	22.199	ug/L	100
15) Methyl Acetate	4.673	43	69777	39.822	ug/L	100
16) Methylene chloride	4.923	84	147176	28.727	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	130301	25.357	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	245384	35.379	ug/L	98
19) 1,1-Dichloroethane	6.215	63	261581	27.279	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	158364	29.050	ug/L	97
22) 2-Butanone	7.166	43	97864	73.153	ug/L	100
23) Bromochloromethane	7.514	128	75538	31.640	ug/L	98
25) Chloroform	7.672	83	275034	27.259	ug/L	96

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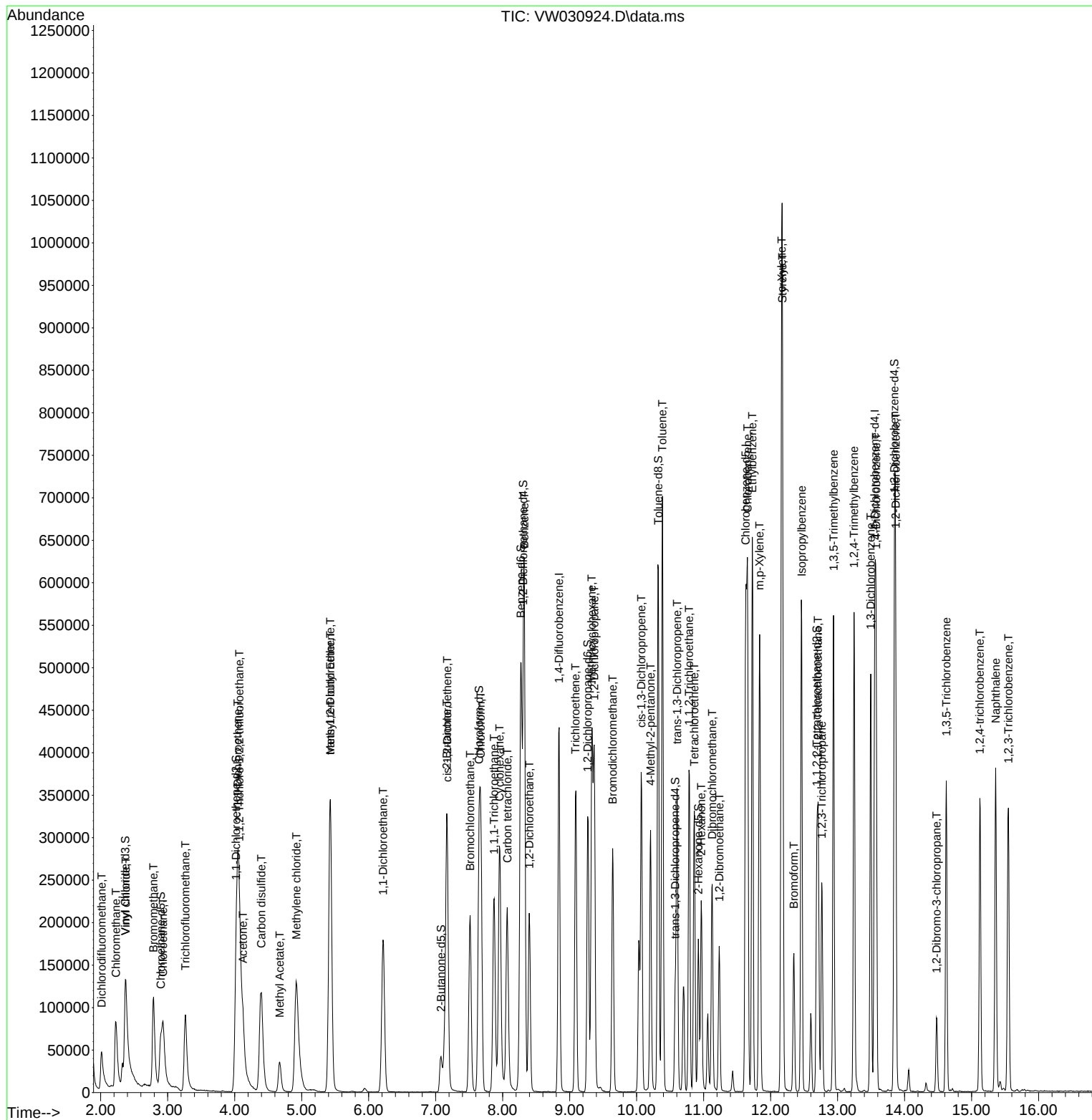
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	192139	30.577	ug/L	97
29) Cyclohexane	7.953	56	171730	24.344	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	194226	25.686	ug/L	99
31) Carbon tetrachloride	8.069	117	165282	24.326	ug/L	98
33) Benzene	8.325	78	552823	29.137	ug/L	100
34) Trichloroethene	9.087	95	128921	24.641	ug/L	92
35) Methylcyclohexane	9.331	83	173129	20.878	ug/L	98
37) 1,2-Dichloropropane	9.367	63	153347	32.340	ug/L	98
38) Bromodichloromethane	9.642	83	198415	31.863	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	227333	32.049	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	195652	90.224	ug/L	99
42) Toluene	10.385	91	508548	25.311	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	198917	33.756	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	123346	36.240	ug/L	98
46) Tetrachloroethene	10.861	164	73643	18.412	ug/L	96
48) 2-Hexanone	10.965	43	139728	84.694	ug/L	96
49) Dibromochloromethane	11.129	129	130437	35.149	ug/L	94
50) 1,2-Dibromoethane	11.233	107	116640	37.161	ug/L	98
51) Chlorobenzene	11.653	112	318577	24.775	ug/L	96
52) Ethylbenzene	11.727	91	458664	20.204	ug/L	95
53) m,p-Xylene	11.836	106	170205	19.934	ug/L	91
54) o-Xylene	12.166	106	182761	23.263	ug/L	98
55) Styrene	12.178	104	336912	25.099	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	146375	39.408	ug/L	98
59) Bromoform	12.348	173	73061	40.618	ug/L	98
60) Isopropylbenzene	12.464	105	368826	19.194	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	105966	44.868	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	291499	19.267	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	302911	20.559	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	197116	23.363	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	206697	23.863	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	205884	27.379	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	23531	47.062	ug/L	99
69) 1,3,5-Trichlorobenzene	14.622	180	118165	21.105	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	109680	24.671	ug/L	96
71) Naphthalene	15.360	128	311702	43.250	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	116703	30.459	ug/L	95

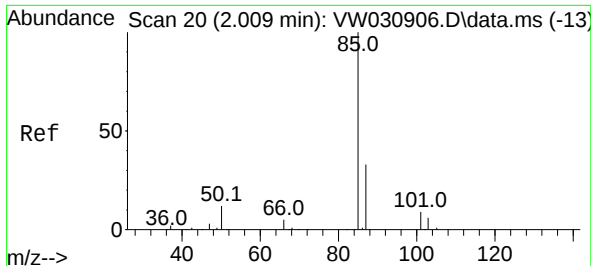
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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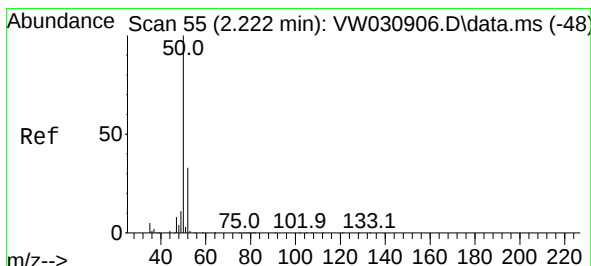
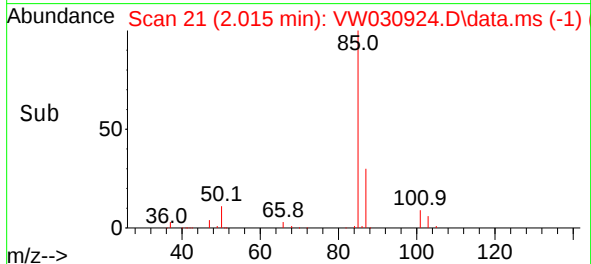
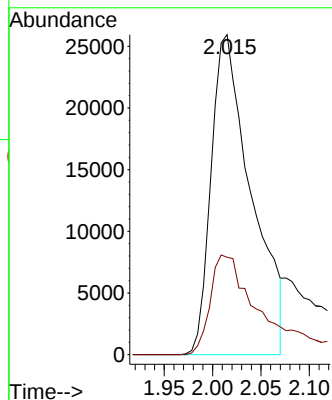
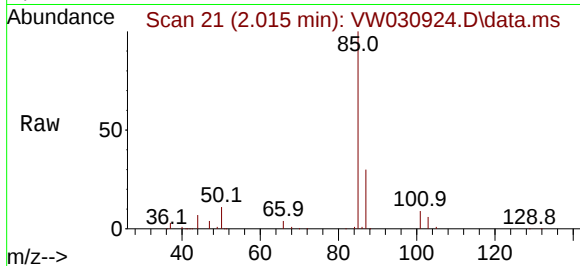




#2
 Dichlorodifluoromethane
 Concen: 19.410 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW030924.D
 Acq: 04 Nov 2024 22:39

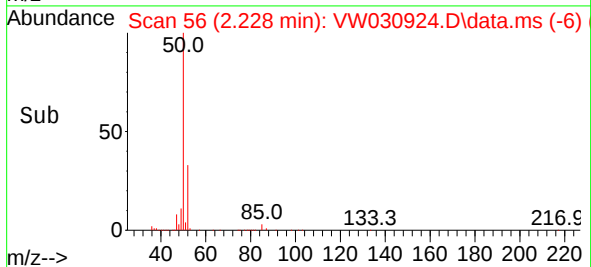
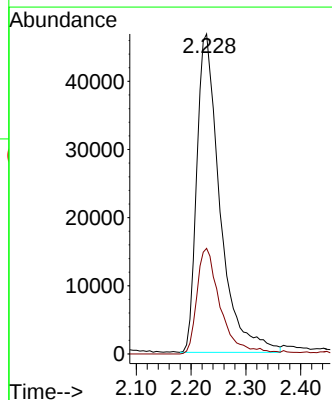
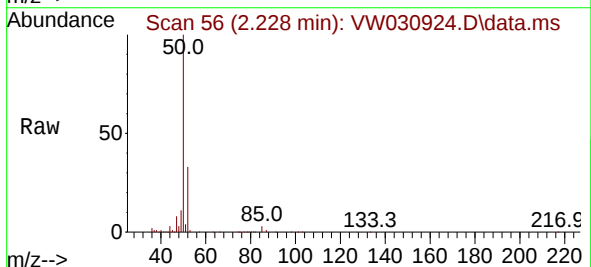
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 MSVOA_W
 ClientSampleId :

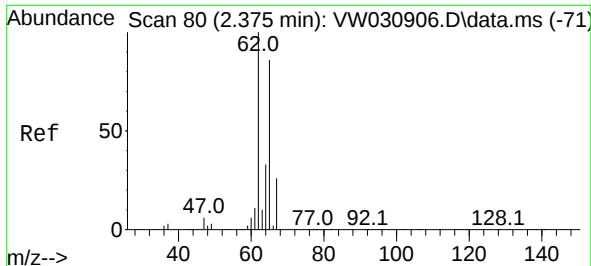
Tgt Ion: 85 Resp: 74926
 Ion Ratio Lower Upper
 85 100
 87 33.6 24.2 36.4



#3
 Chloromethane
 Concen: 26.388 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030924.D
 Acq: 04 Nov 2024 22:39

Tgt Ion: 50 Resp: 137255
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.5 41.9

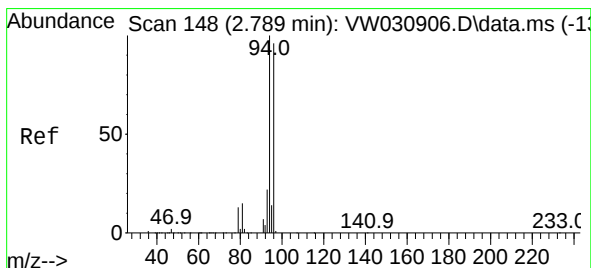
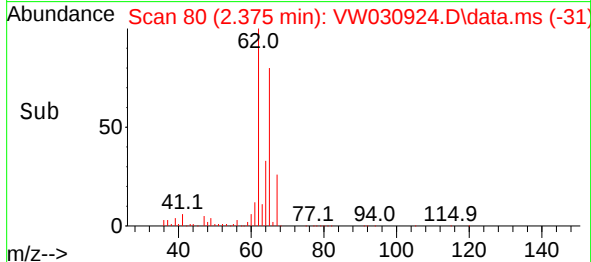
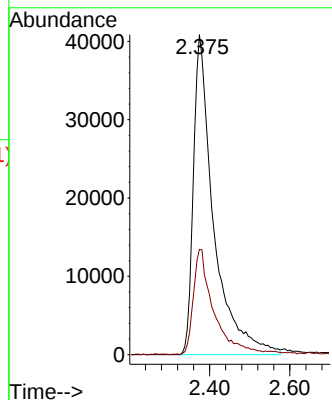
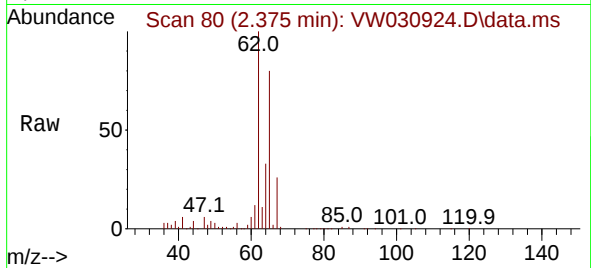




#5
 Vinyl chloride
 Concen: 23.176 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030924.D
 Acq: 04 Nov 2024 22:39

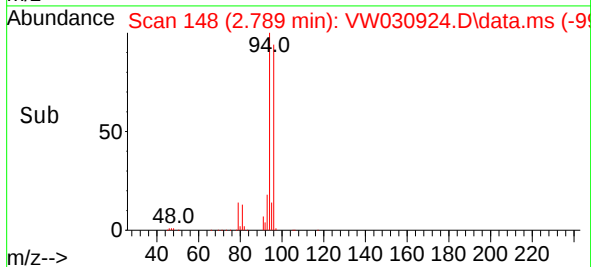
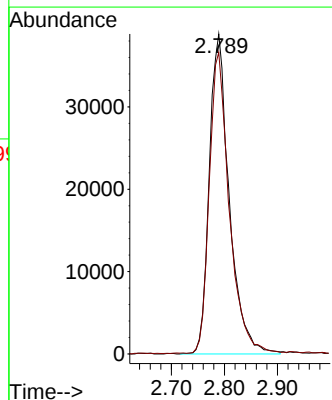
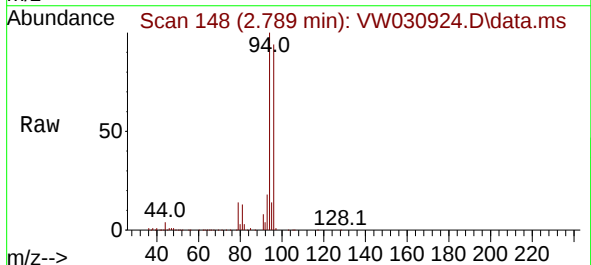
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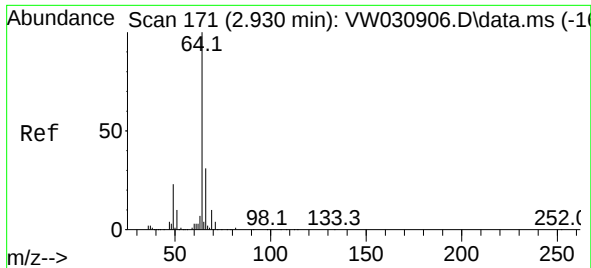
Tgt Ion: 62 Resp: 142866
 Ion Ratio Lower Upper
 62 100
 64 32.9 21.7 40.3



#6
 Bromomethane
 Concen: 25.128 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW030924.D
 Acq: 04 Nov 2024 22:39

Tgt Ion: 94 Resp: 101707
 Ion Ratio Lower Upper
 94 100
 96 94.2 61.6 114.4

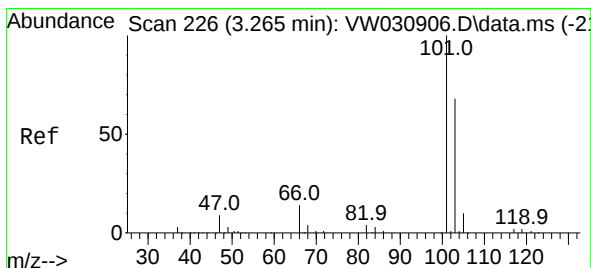
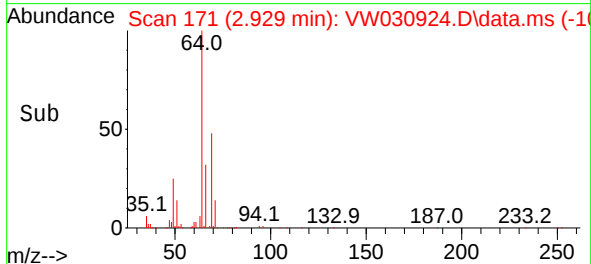
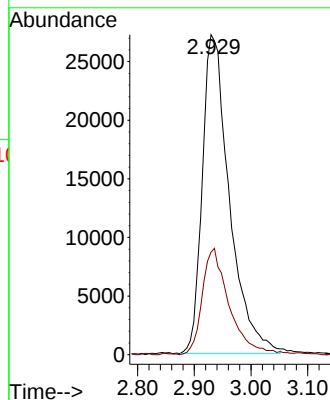
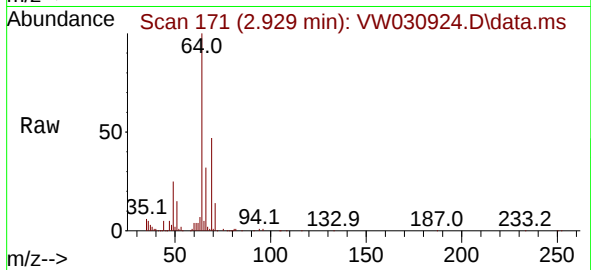




#8
Chloroethane
Concen: 24.176 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW030924.D
Acq: 04 Nov 2024 22:39

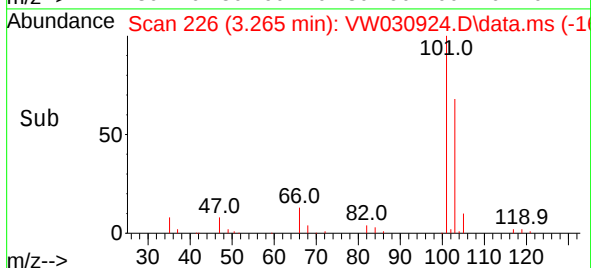
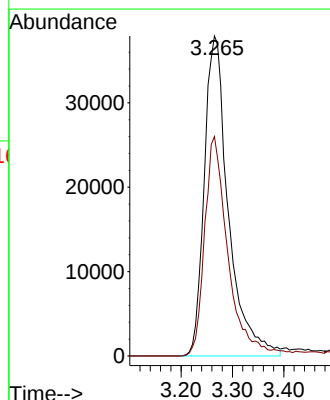
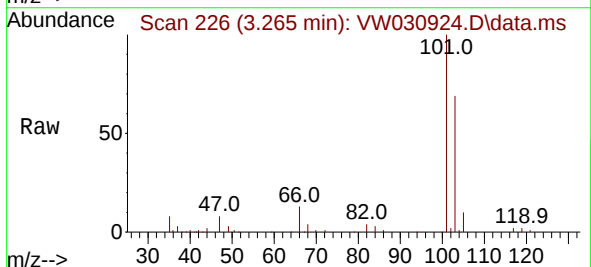
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MSVOA_W
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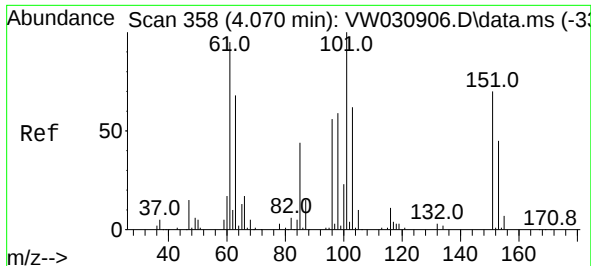
Tgt Ion: 64 Resp: 90346
Ion Ratio Lower Upper
64 100
66 32.1 23.5 43.7



#9
Trichlorofluoromethane
Concen: 21.944 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW030924.D
Acq: 04 Nov 2024 22:39

Tgt Ion:101 Resp: 123451
Ion Ratio Lower Upper
101 100
103 63.5 51.8 77.6





#10

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

Concen: 23.107 ug/L

RT: 4.069 min Scan# 358

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

ClientSampleId :

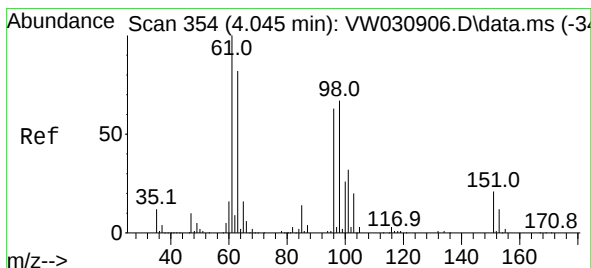
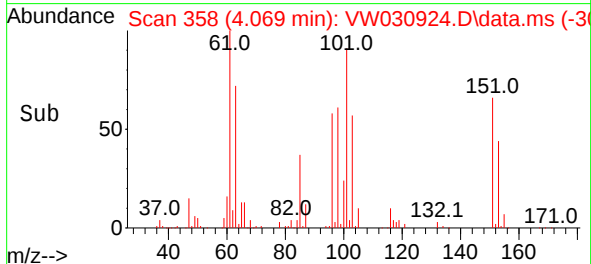
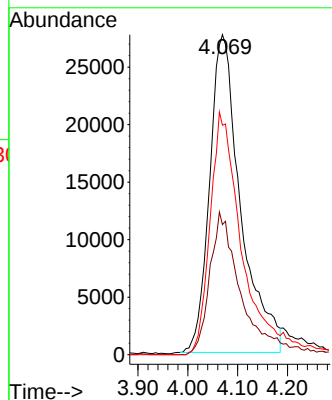
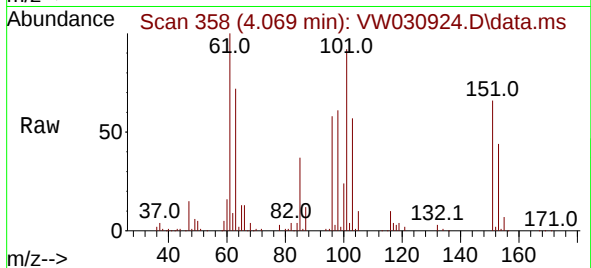
Tgt Ion:101 Resp: 119669

Ion Ratio Lower Upper

101 100

85 43.5 32.9 49.3

151 75.1 51.0 76.6



#12

1,1-Dichloroethene

Concen: 23.937 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

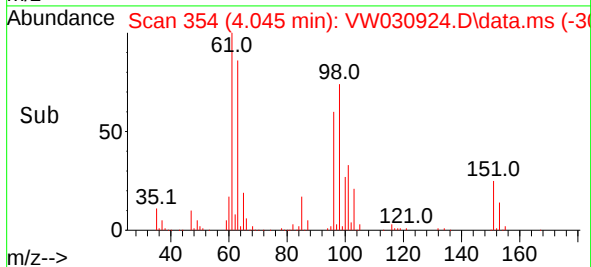
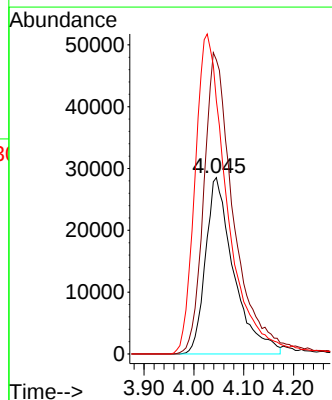
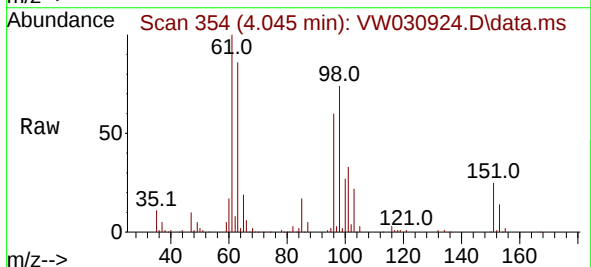
Tgt Ion: 96 Resp: 112124

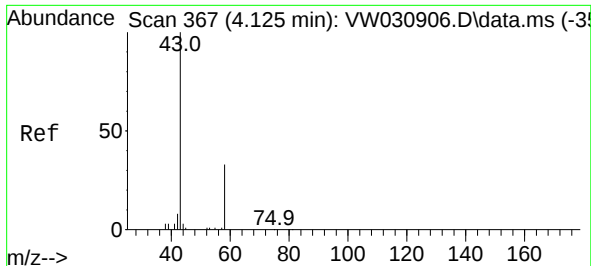
Ion Ratio Lower Upper

96 100

61 166.8 118.9 220.7

63 143.6 97.8 181.6

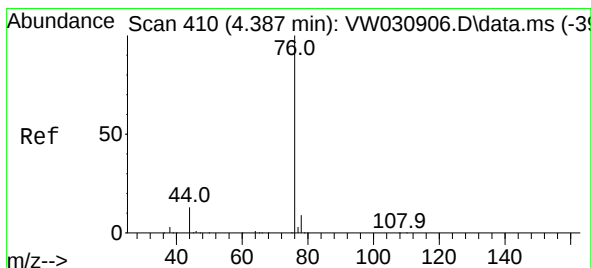
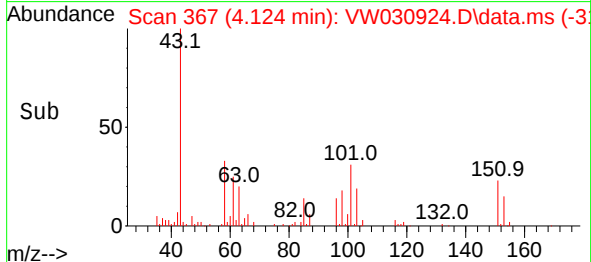
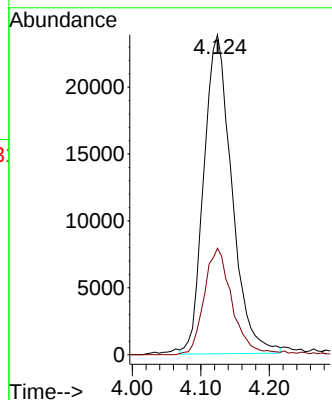
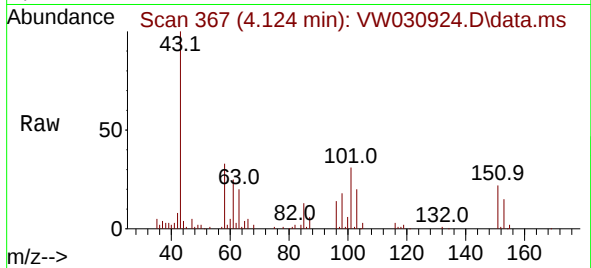




#13
Acetone
Concen: 56.703 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.000 min
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Acq: 04 Nov 2024 22:39

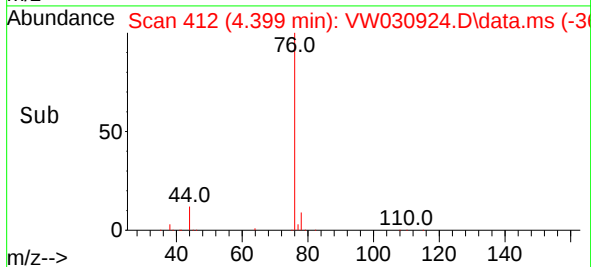
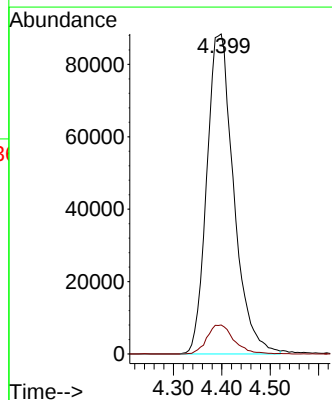
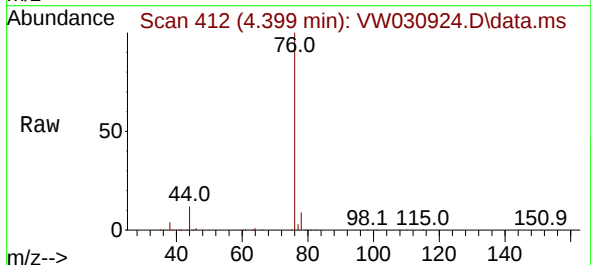
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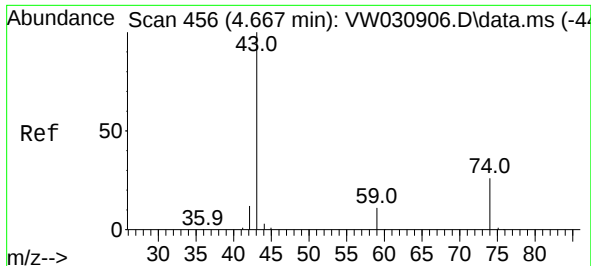
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Ion Ratio Lower Upper
43 100
58 33.1 0.0 62.6



#14
Carbon disulfide
Concen: 22.199 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.012 min
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Tgt Ion: 76 Resp: 341823
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

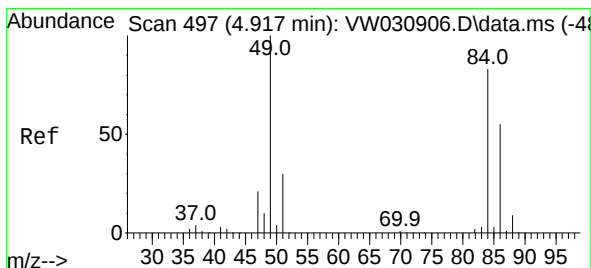
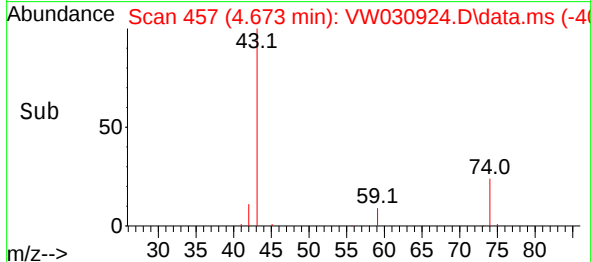
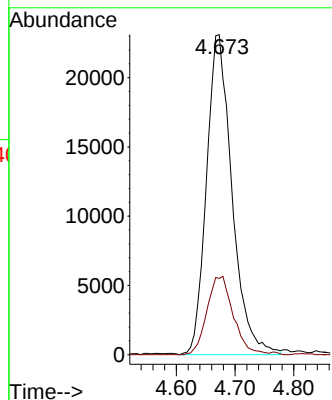
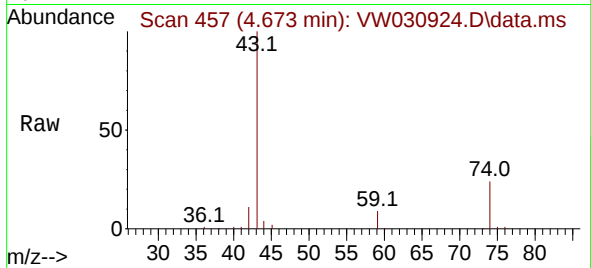




#15
Methyl Acetate
Concen: 39.822 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW030924.D
Acq: 04 Nov 2024 22:39

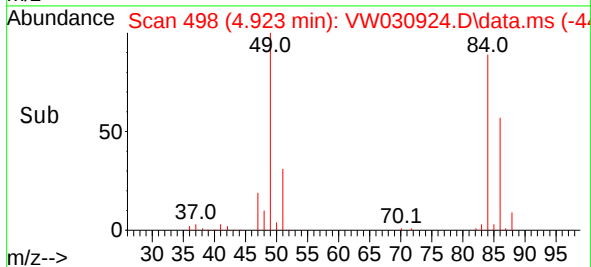
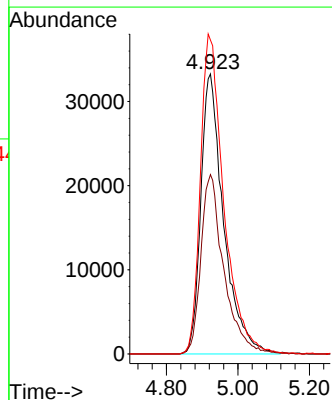
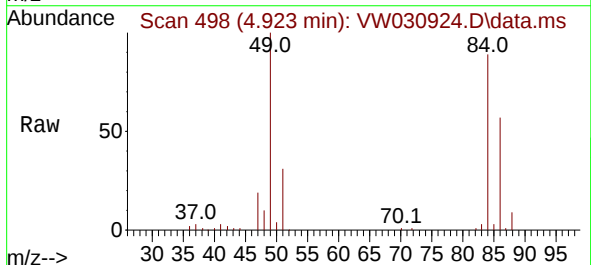
Instrument :
MSVOA_W
ClientSampleId :

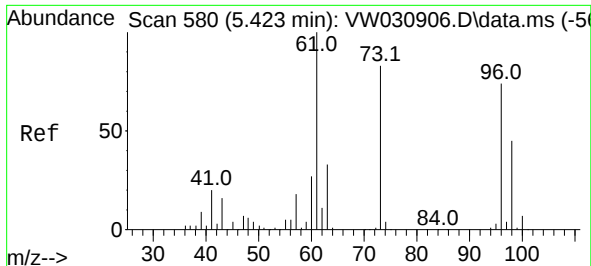
Tgt Ion: 43 Resp: 69777
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2



#16
Methylene chloride
Concen: 28.727 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030924.D
Acq: 04 Nov 2024 22:39

Tgt Ion: 84 Resp: 147176
Ion Ratio Lower Upper
84 100
86 64.1 41.8 77.6
49 112.1 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 25.357 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

ClientSampleId :

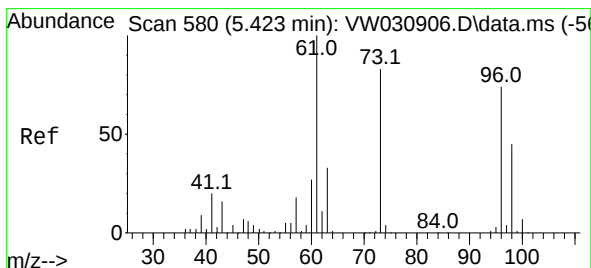
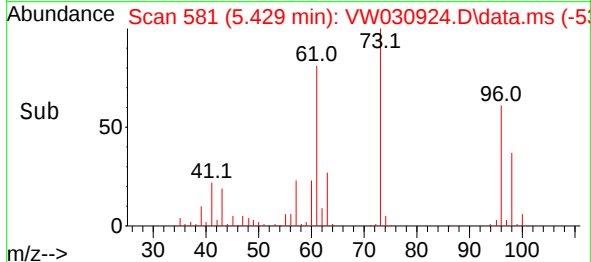
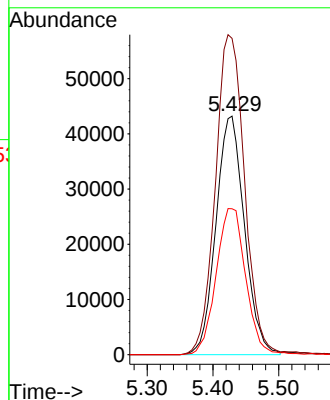
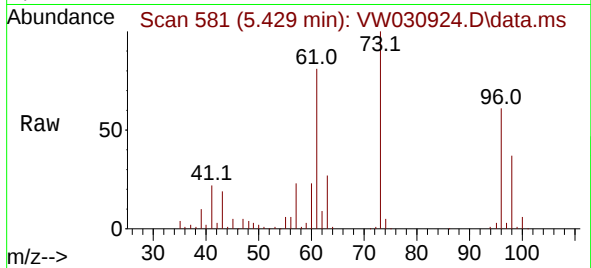
Tgt Ion: 96 Resp: 130301

Ion Ratio Lower Upper

96 100

61 132.6 95.2 176.8

98 61.2 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 35.379 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

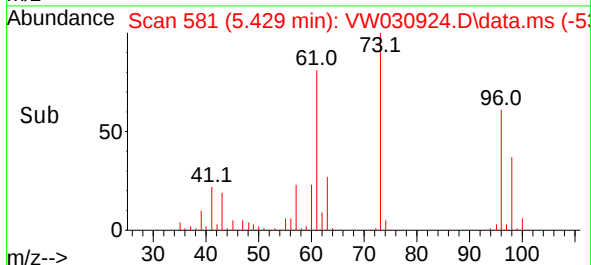
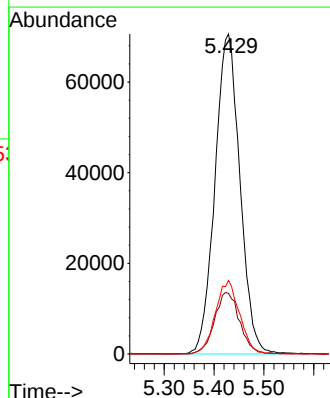
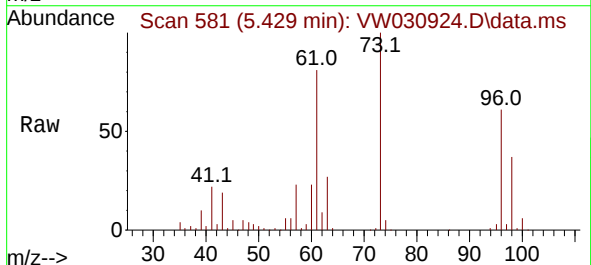
Tgt Ion: 73 Resp: 245384

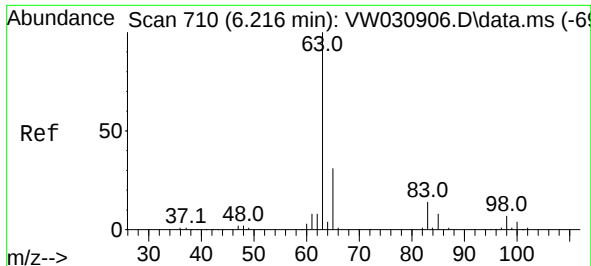
Ion Ratio Lower Upper

73 100

43 19.1 16.2 24.2

57 22.2 17.3 25.9





#19

1,1-Dichloroethane

Concen: 27.279 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

ClientSampleId :

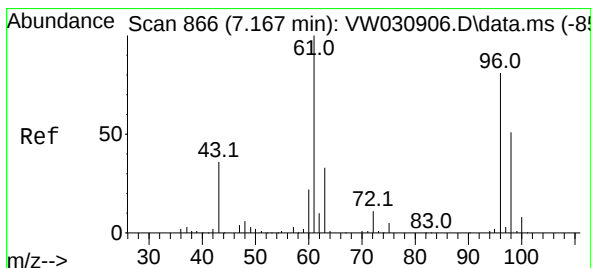
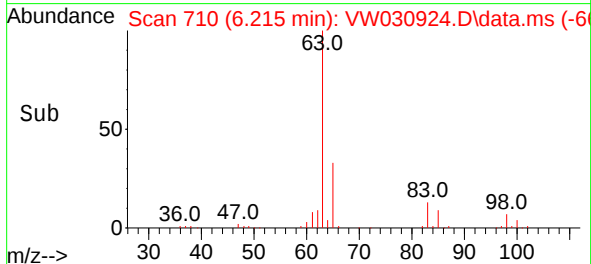
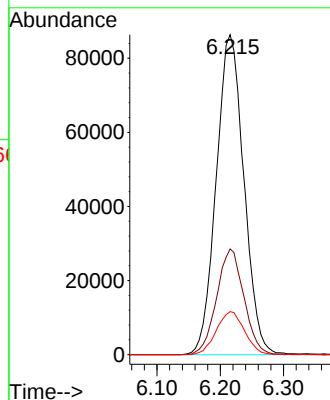
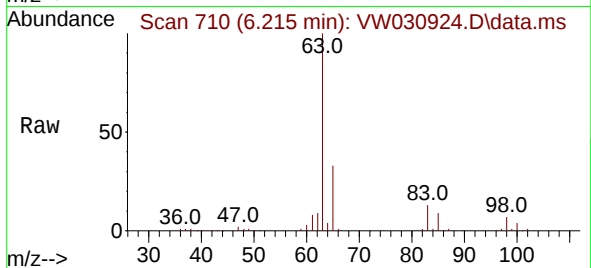
Tgt Ion: 63 Resp: 261581

Ion Ratio Lower Upper

63 100

65 33.0 23.0 42.8

83 13.4 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 29.050 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

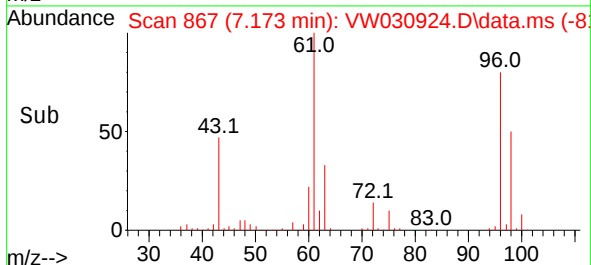
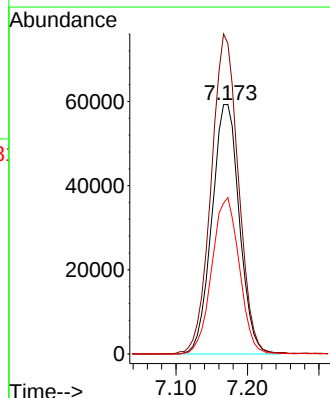
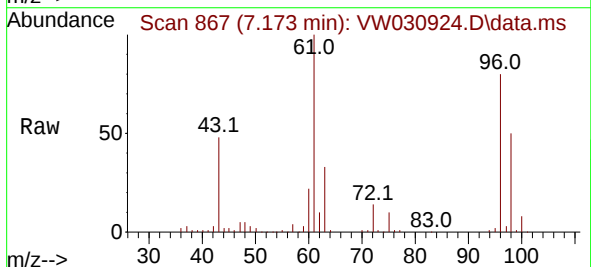
Tgt Ion: 96 Resp: 158364

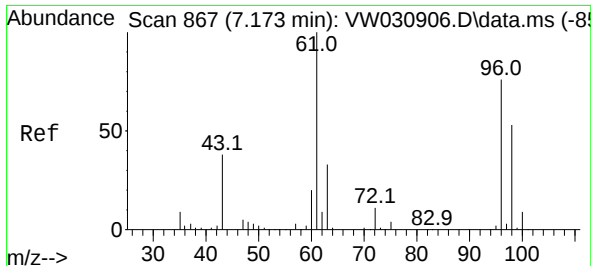
Ion Ratio Lower Upper

96 100

61 124.4 89.2 165.8

98 62.6 45.1 83.9





#22

2-Butanone

Concen: 73.153 ug/L

RT: 7.166 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

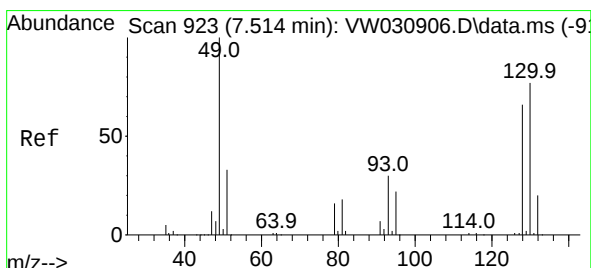
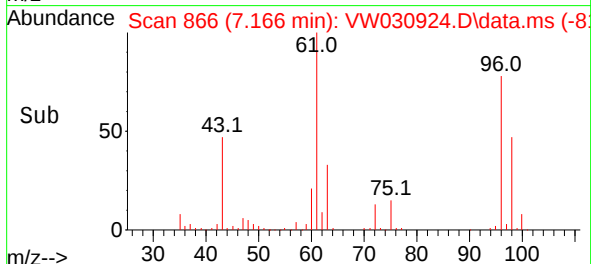
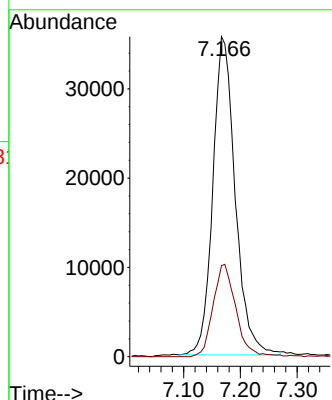
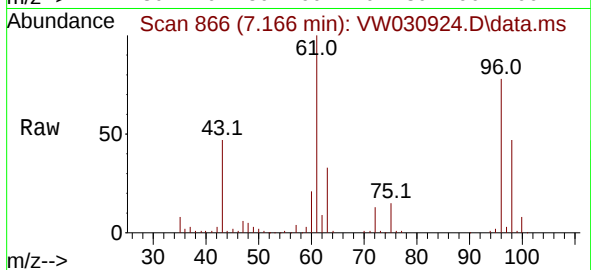
ClientSampleId :

Tgt Ion: 43 Resp: 97864

Ion Ratio Lower Upper

43 100

72 28.9 14.5 43.6



#23

Bromochloromethane

Concen: 31.640 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Tgt Ion: 128 Resp: 75538

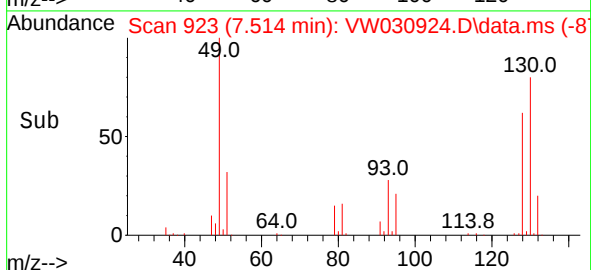
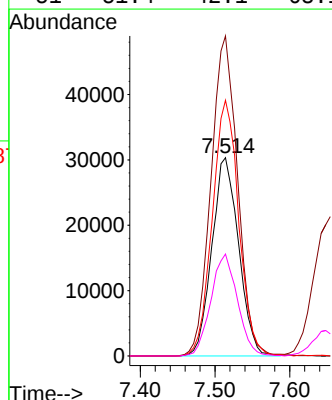
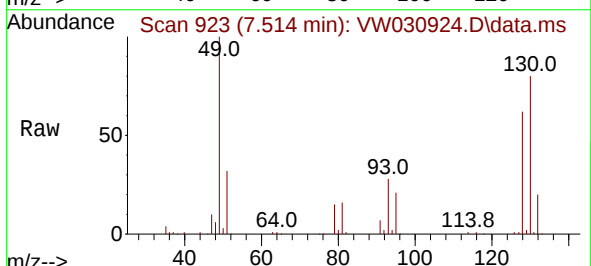
Ion Ratio Lower Upper

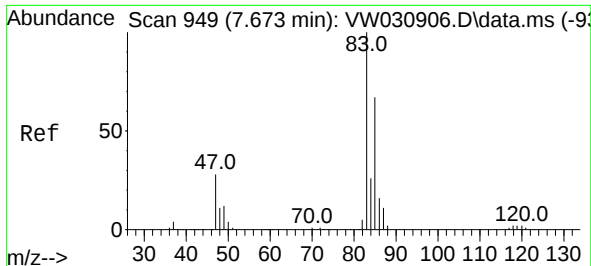
128 100

49 161.4 112.4 208.8

130 129.0 86.2 160.0

51 51.4 42.1 63.1





#25

Chloroform

Concen: 27.259 ug/L

RT: 7.672 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

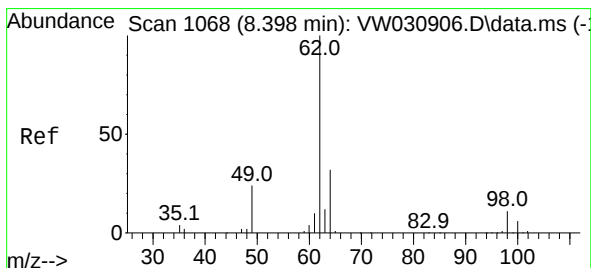
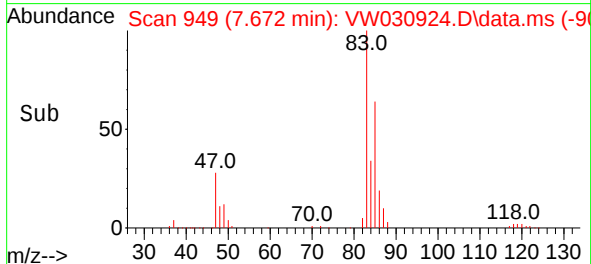
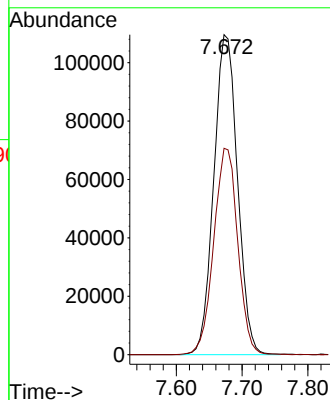
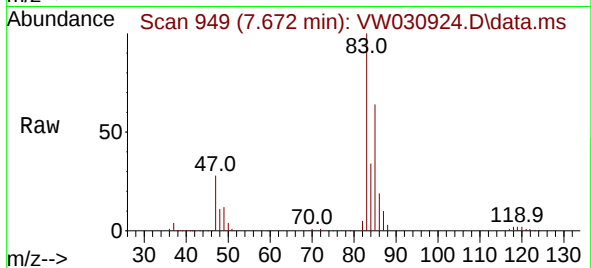
ClientSampleId :

Tgt Ion: 83 Resp: 275034

Ion Ratio Lower Upper

83 100

85 64.5 47.2 87.6



#27

1,2-Dichloroethane

Concen: 30.577 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030924.D

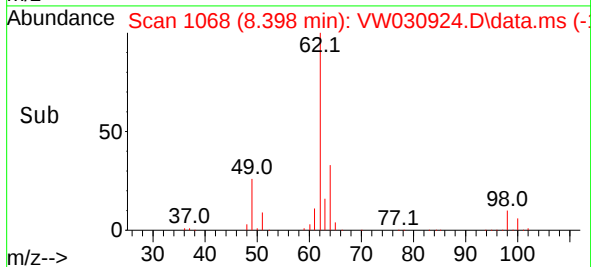
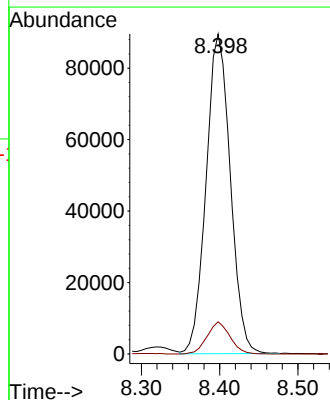
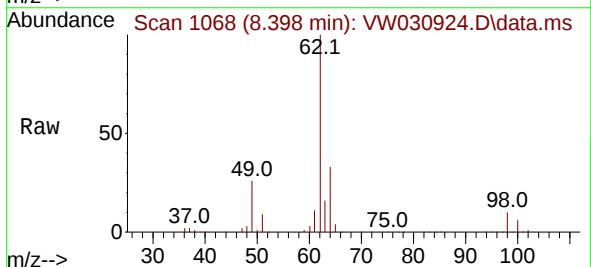
Acq: 04 Nov 2024 22:39

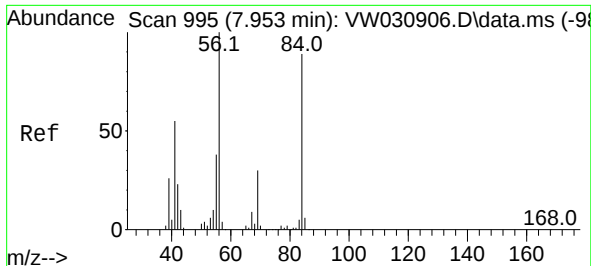
Tgt Ion: 62 Resp: 192139

Ion Ratio Lower Upper

62 100

98 10.1 7.1 10.7





#29

Cyclohexane

Concen: 24.344 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

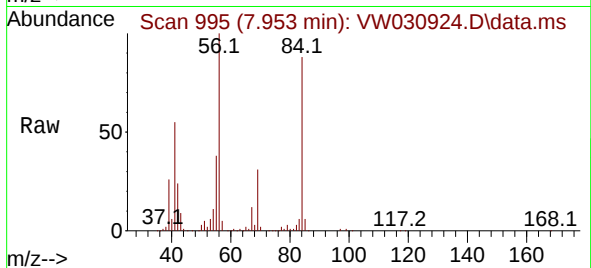
Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

ClientSampleId :



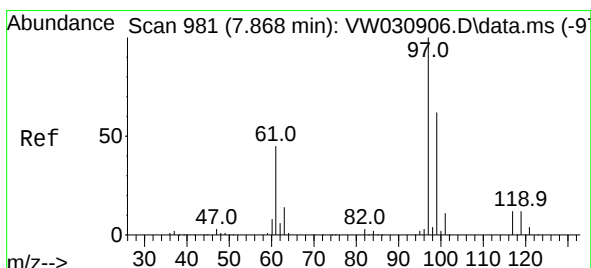
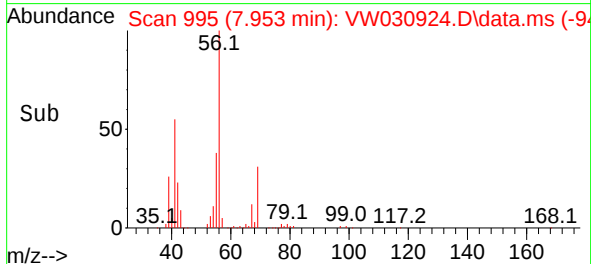
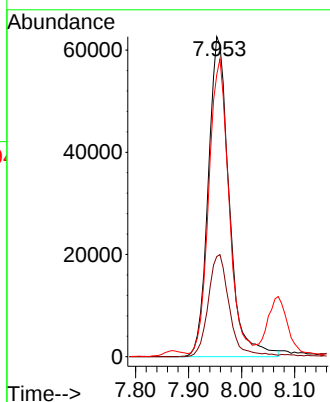
Tgt Ion: 56 Resp: 171730

Ion Ratio Lower Upper

56 100

69 31.6 24.8 37.2

84 89.4 69.5 104.3



#30

1,1,1-Trichloroethane

Concen: 25.686 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

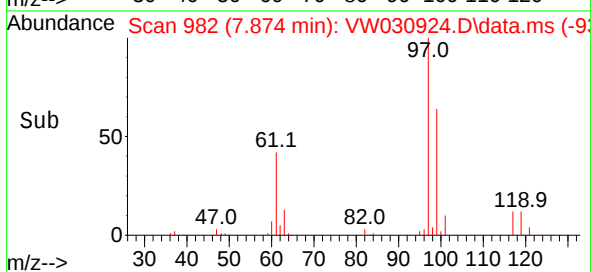
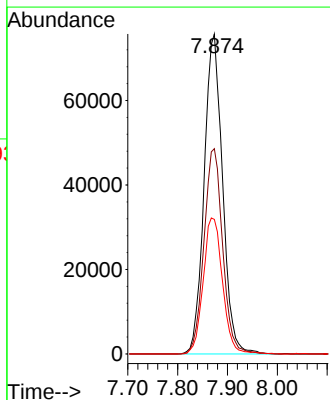
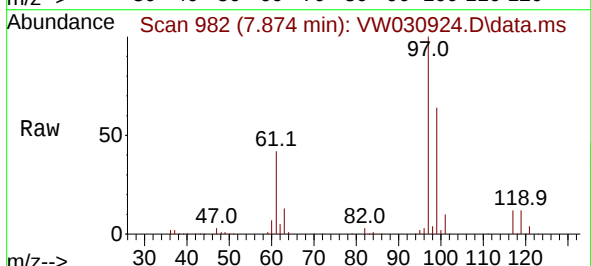
Tgt Ion: 97 Resp: 194226

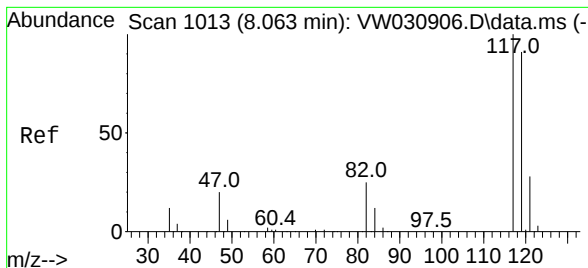
Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

61 44.3 36.2 54.4





#31

Carbon tetrachloride

Concen: 24.326 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

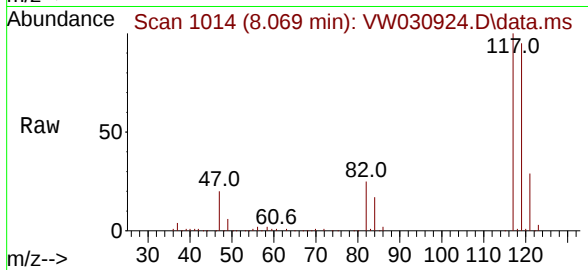
Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

ClientSampleId :

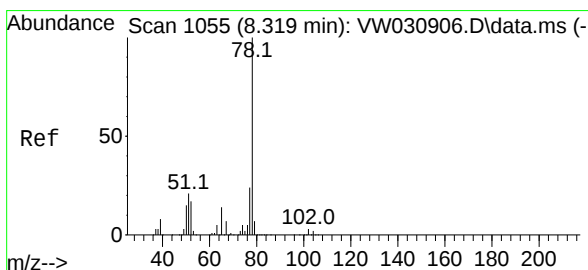
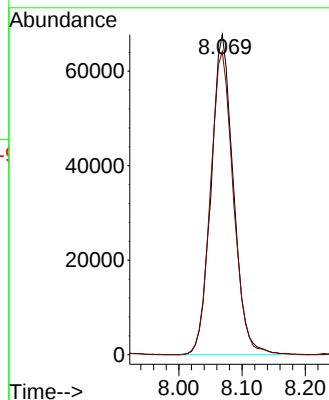
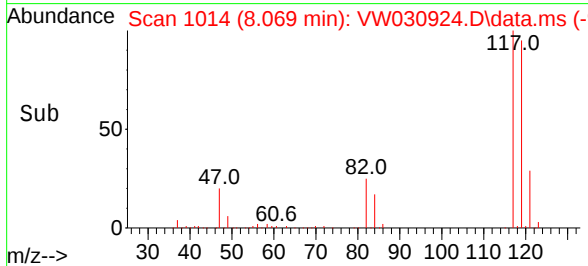


Tgt Ion:117 Resp: 165282

Ion Ratio Lower Upper

117 100

119 97.1 76.2 114.2



#33

Benzene

Concen: 29.137 ug/L

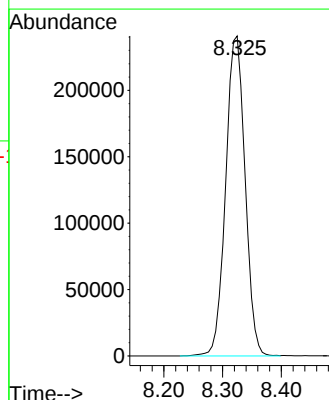
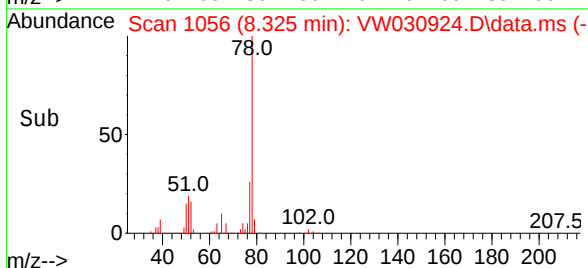
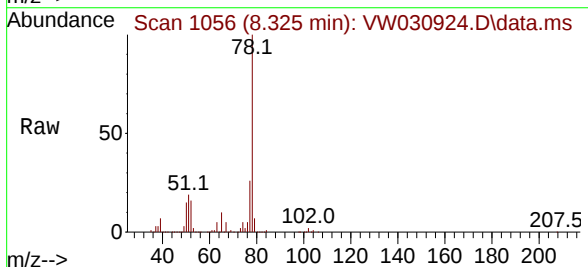
RT: 8.325 min Scan# 1056

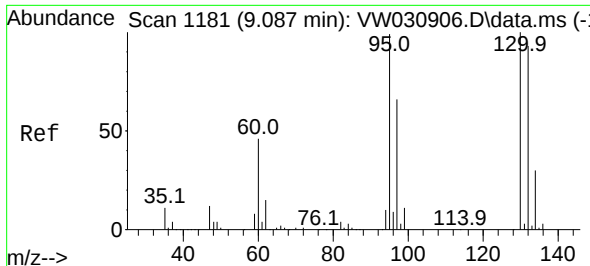
Delta R.T. 0.006 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Tgt Ion: 78 Resp: 552823





#34

Trichloroethene

Concen: 24.641 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 128921

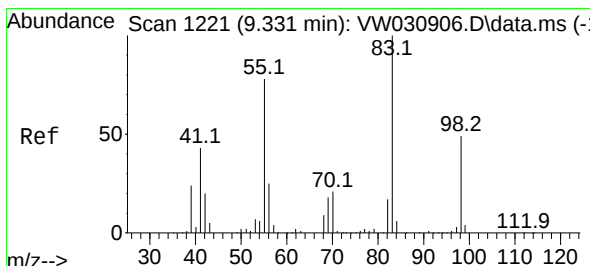
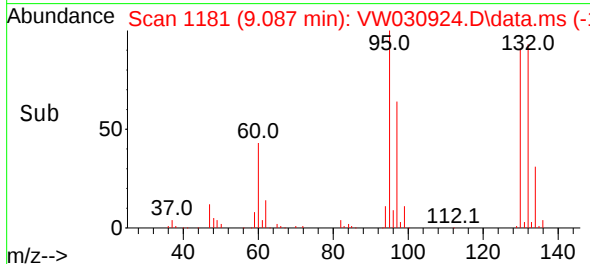
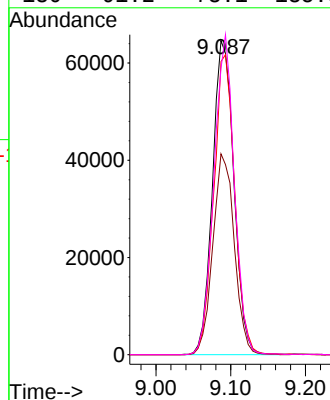
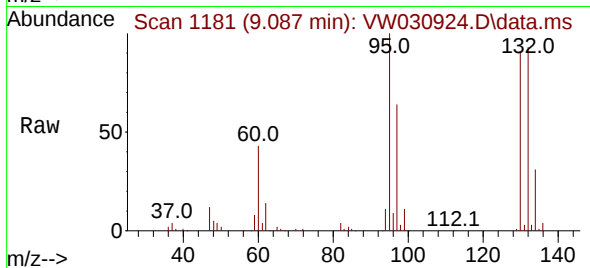
Ion Ratio Lower Upper

95 100

97 63.9 48.9 90.7

132 93.4 67.7 125.7

130 91.2 73.1 135.8



#35

Methylcyclohexane

Concen: 20.878 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

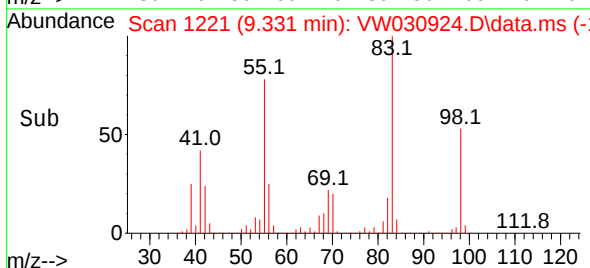
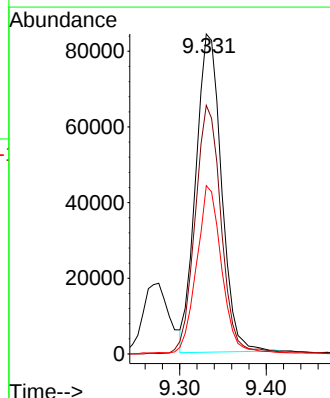
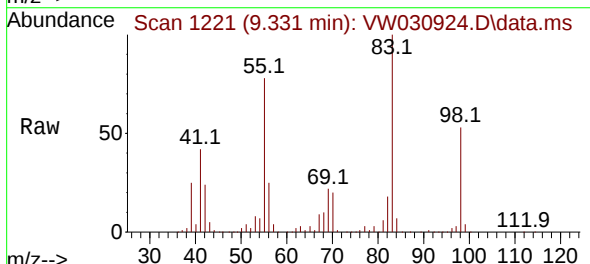
Tgt Ion: 83 Resp: 173129

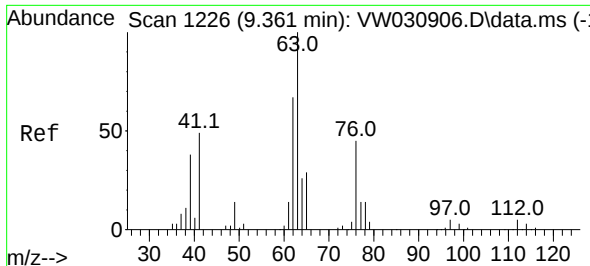
Ion Ratio Lower Upper

83 100

55 78.1 62.8 94.2

98 52.4 39.4 59.2





#37

1,2-Dichloropropane

Concen: 32.340 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

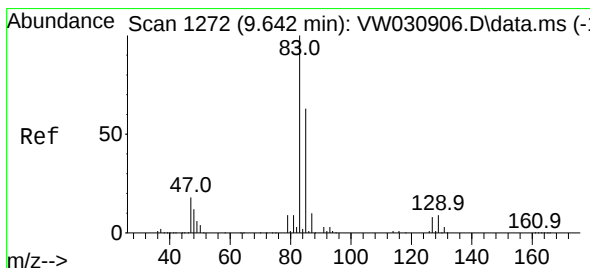
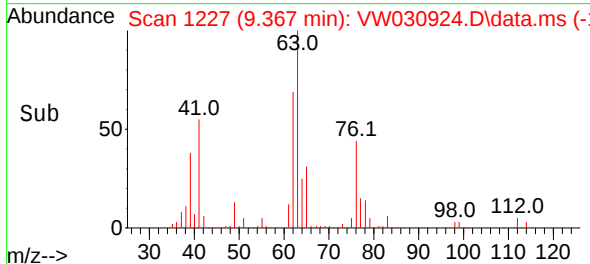
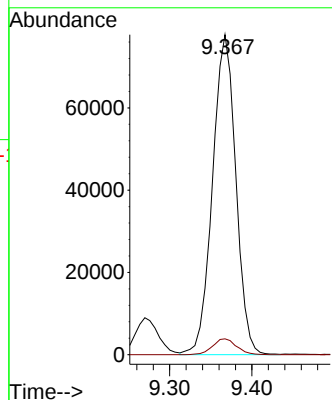
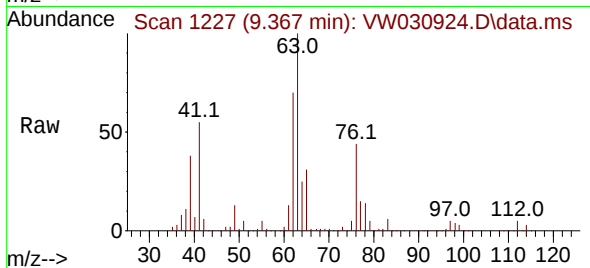
ClientSampleId :

Tgt Ion: 63 Resp: 153347

Ion Ratio Lower Upper

63 100

112 5.1 3.5 5.3



#38

Bromodichloromethane

Concen: 31.863 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

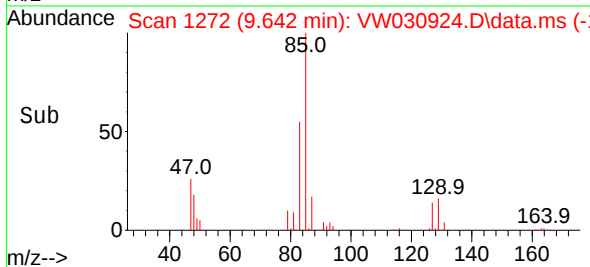
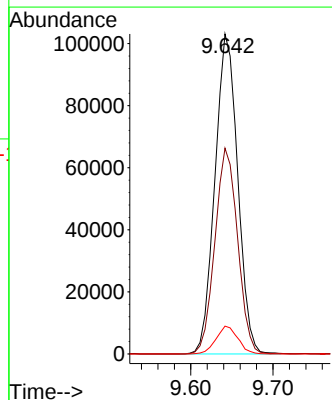
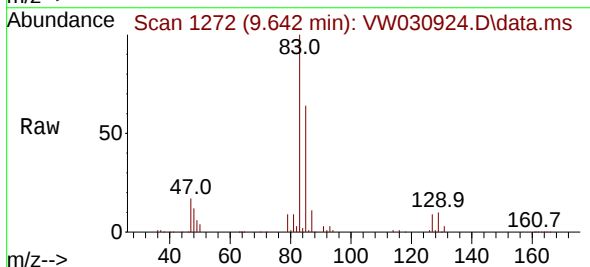
Tgt Ion: 83 Resp: 198415

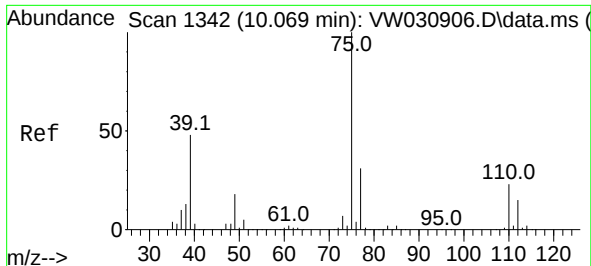
Ion Ratio Lower Upper

83 100

85 64.3 44.1 81.9

127 8.7 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 32.049 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

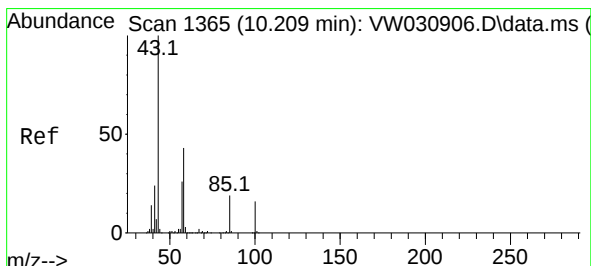
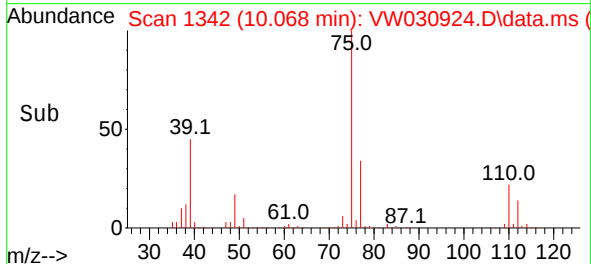
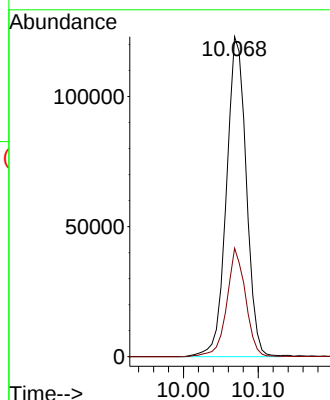
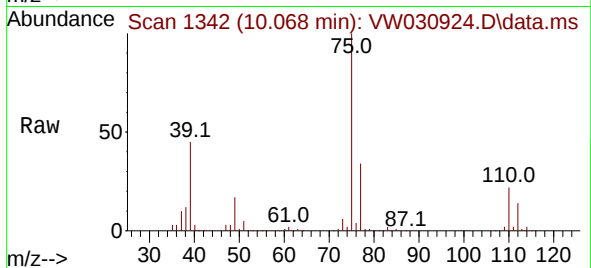
ClientSampleId :

Tgt Ion: 75 Resp: 227333

Ion Ratio Lower Upper

75 100

77 33.9 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 90.224 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

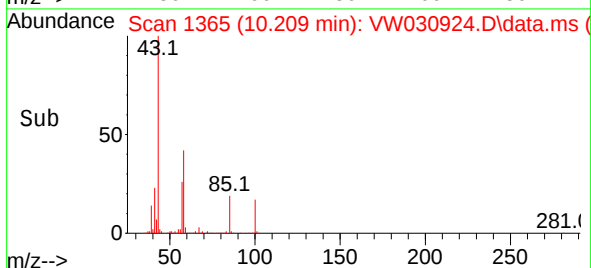
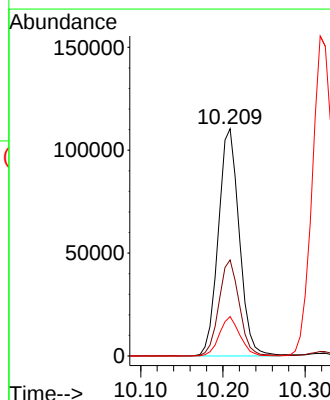
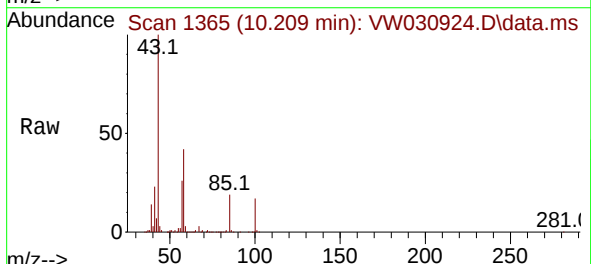
Tgt Ion: 43 Resp: 195652

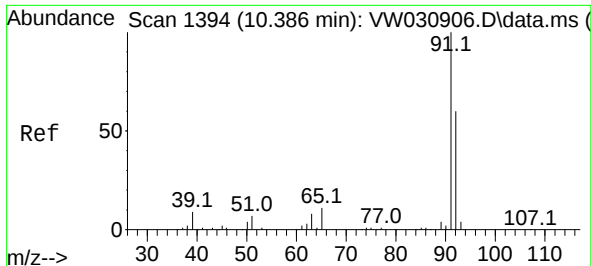
Ion Ratio Lower Upper

43 100

58 41.4 32.2 48.4

100 16.9 13.3 19.9





#42

Toluene

Concen: 25.311 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

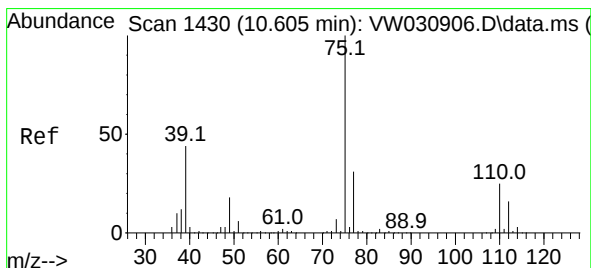
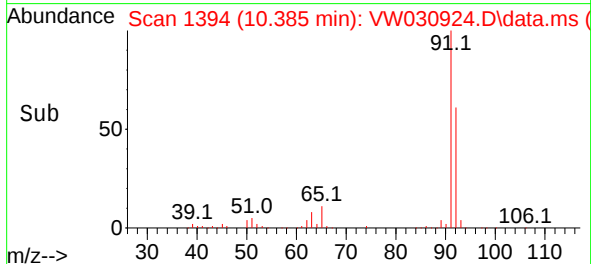
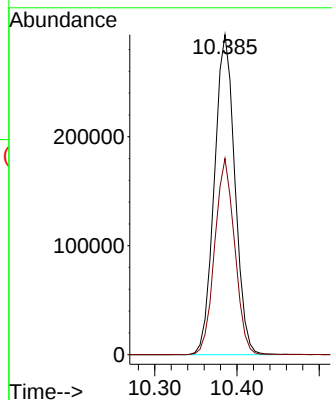
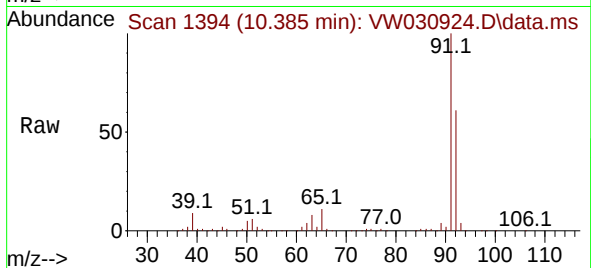
ClientSampleId :

Tgt Ion: 91 Resp: 508548

Ion Ratio Lower Upper

91 100

92 61.3 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 33.756 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030924.D

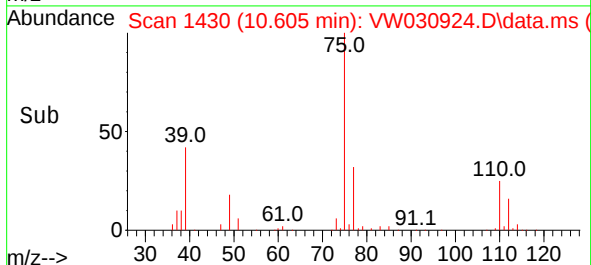
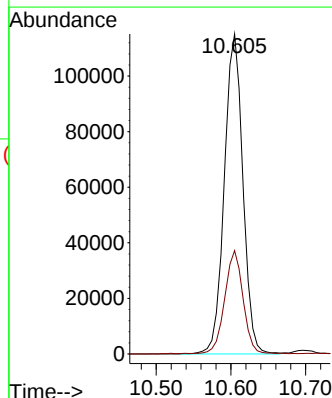
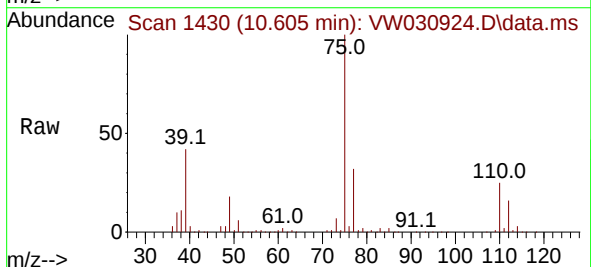
Acq: 04 Nov 2024 22:39

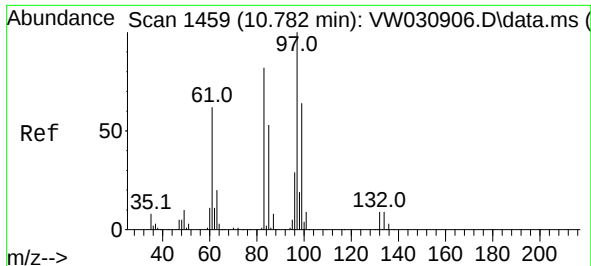
Tgt Ion: 75 Resp: 198917

Ion Ratio Lower Upper

75 100

77 32.3 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 36.240 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 123346

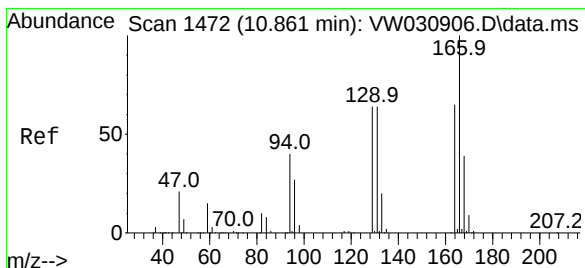
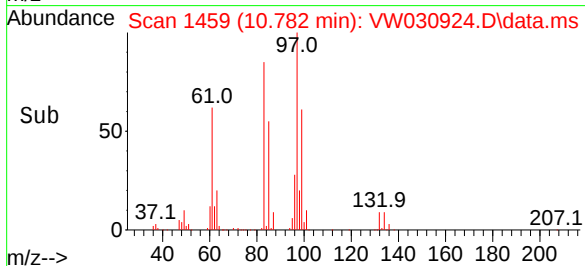
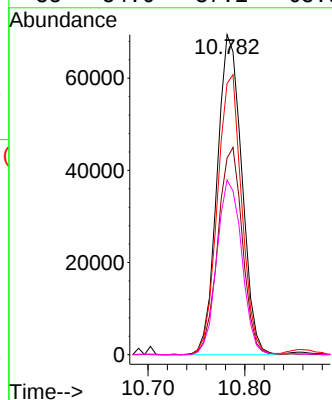
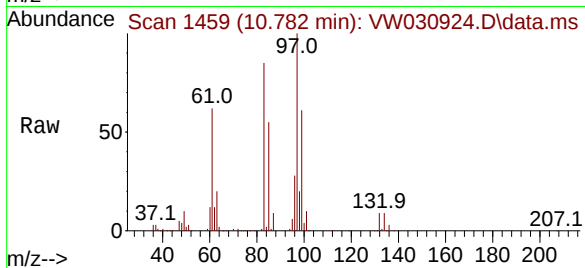
Ion Ratio Lower Upper

97 100

99 61.5 42.8 79.4

83 84.7 60.6 112.6

85 54.6 37.1 68.9



#46

Tetrachloroethene

Concen: 18.412 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Tgt Ion:164 Resp: 73643

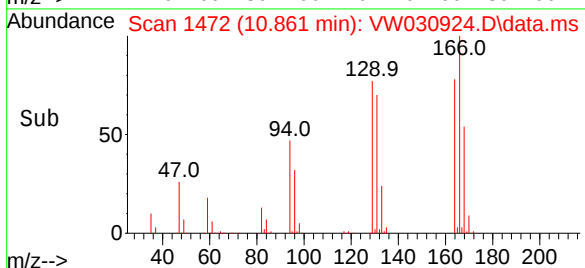
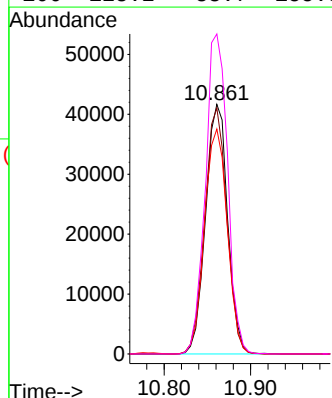
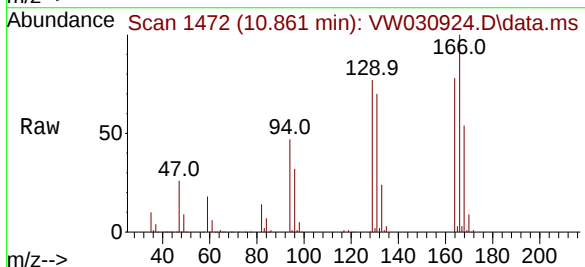
Ion Ratio Lower Upper

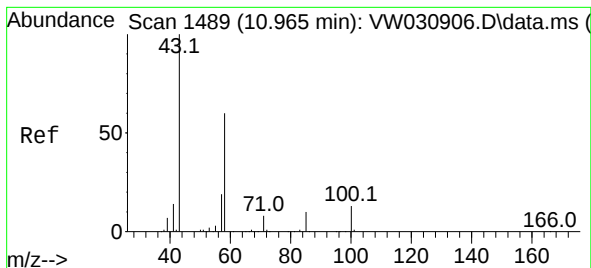
164 100

129 98.6 71.1 132.1

131 90.1 62.6 116.3

166 128.2 83.7 155.5

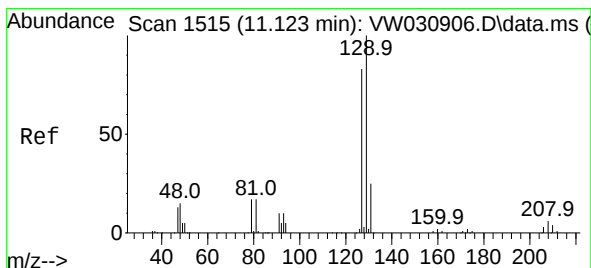
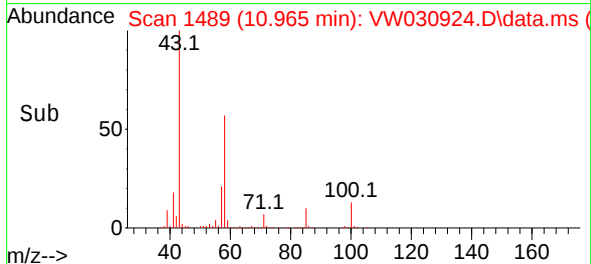
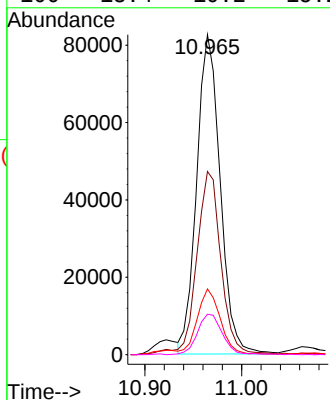
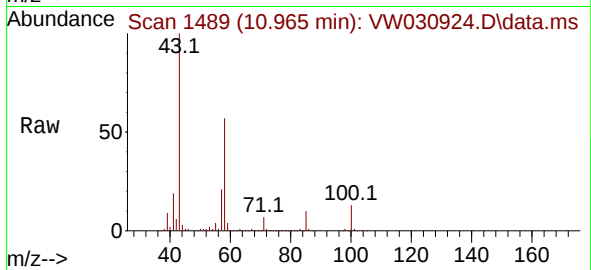




#48
2-Hexanone
Concen: 84.694 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030924.D
Acq: 04 Nov 2024 22:39

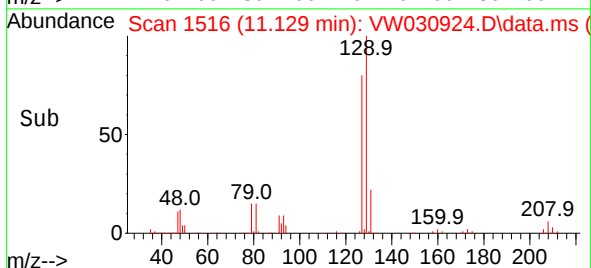
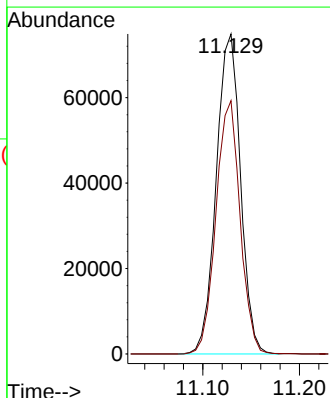
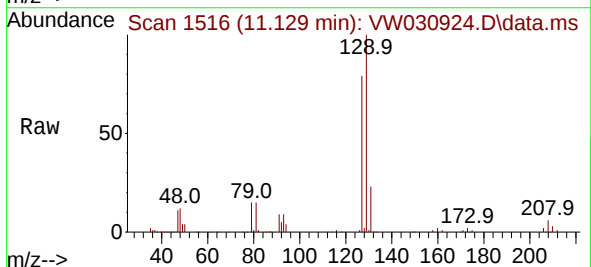
Instrument :
MSVOA_W
ClientSampleId :

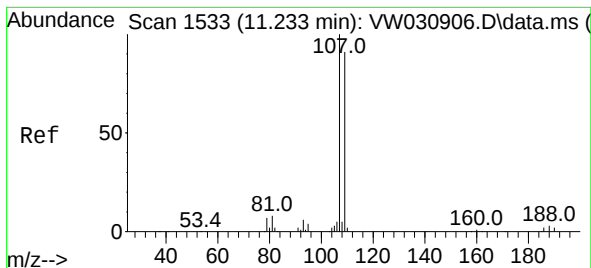
Tgt Ion: 43 Resp: 139728
Ion Ratio Lower Upper
43 100
58 58.1 43.8 65.8
57 20.2 15.4 23.2
100 13.4 10.2 15.2



#49
Dibromochloromethane
Concen: 35.149 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW030924.D
Acq: 04 Nov 2024 22:39

Tgt Ion:129 Resp: 130437
Ion Ratio Lower Upper
129 100
127 79.1 52.1 96.7





#50

1,2-Dibromoethane

Concen: 37.161 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

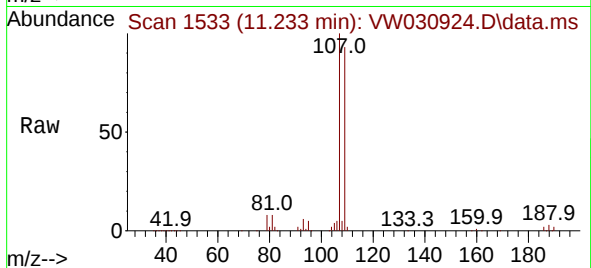
Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

ClientSampleId :



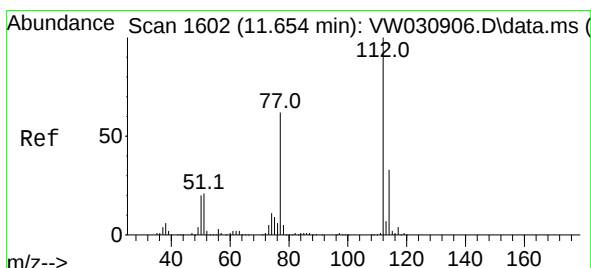
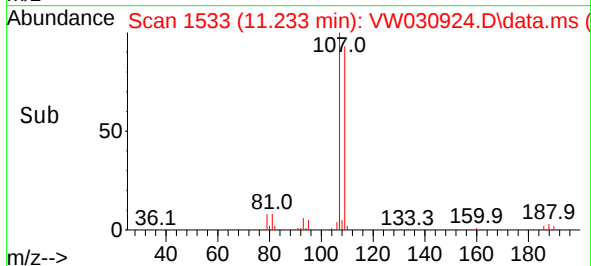
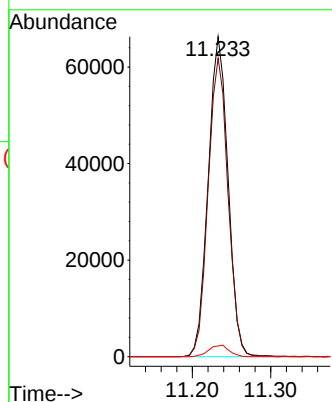
Tgt Ion:107 Resp: 116640

Ion Ratio Lower Upper

107 100

109 93.3 64.3 119.3

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 24.775 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

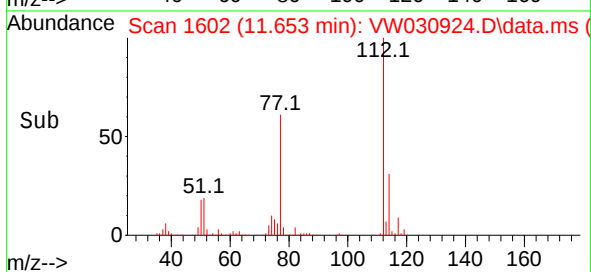
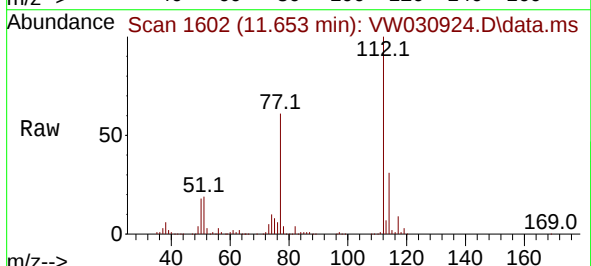
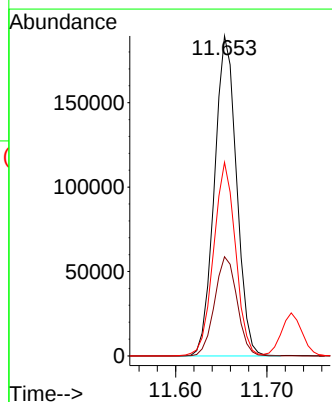
Tgt Ion:112 Resp: 318577

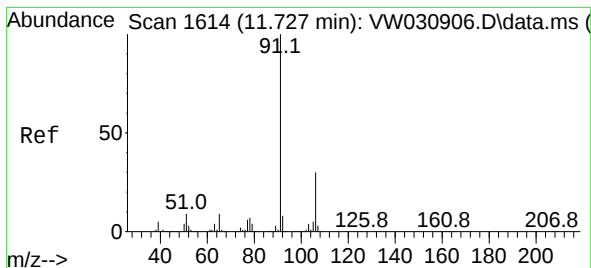
Ion Ratio Lower Upper

112 100

114 31.0 21.9 40.7

77 60.5 45.3 67.9

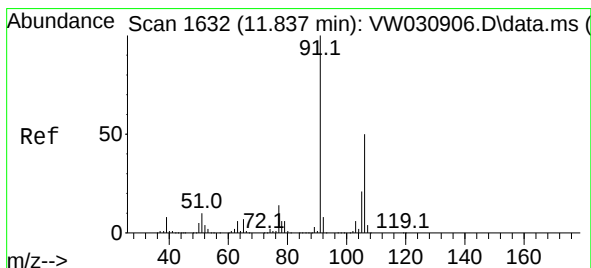
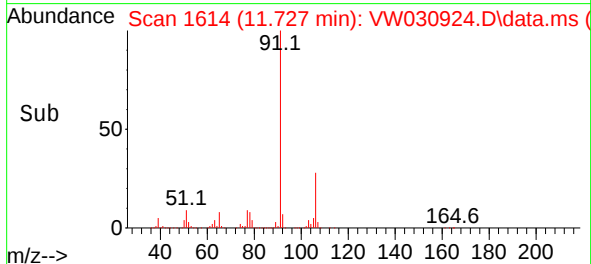
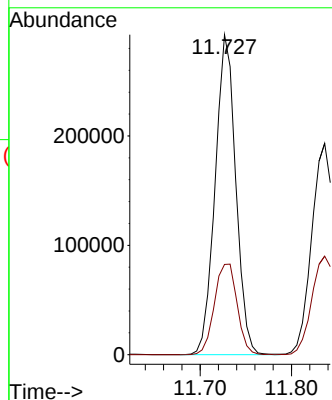
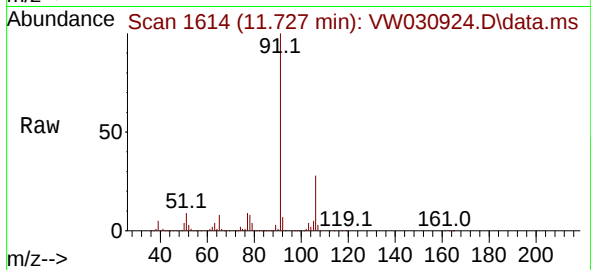




#52
Ethylbenzene
Concen: 20.204 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030924.D
Acq: 04 Nov 2024 22:39

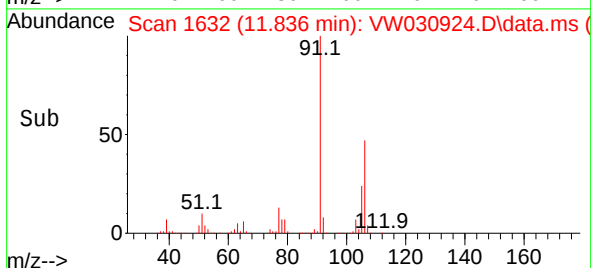
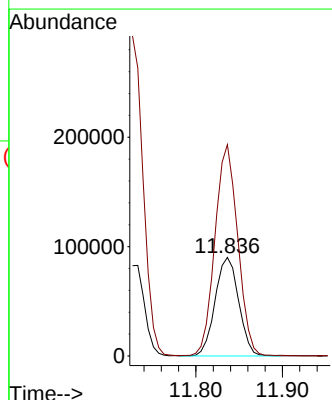
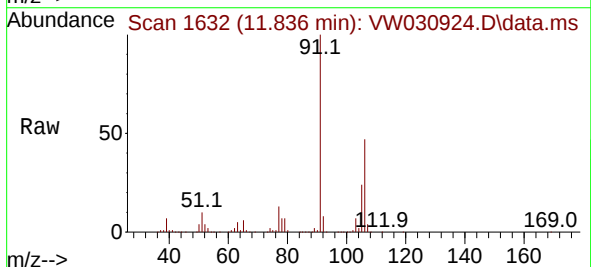
Instrument :
MSVOA_W
ClientSampleId :

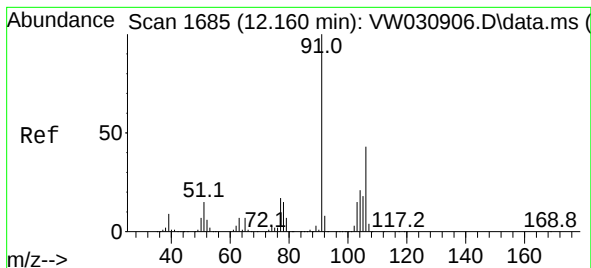
Tgt Ion: 91 Resp: 458664
Ion Ratio Lower Upper
91 100
106 28.2 21.6 40.0



#53
m,p-Xylene
Concen: 19.934 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW030924.D
Acq: 04 Nov 2024 22:39

Tgt Ion:106 Resp: 170205
Ion Ratio Lower Upper
106 100
91 214.5 140.7 261.3

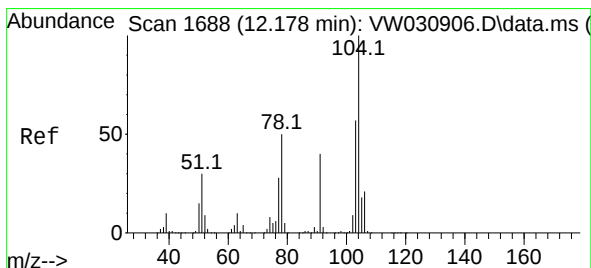
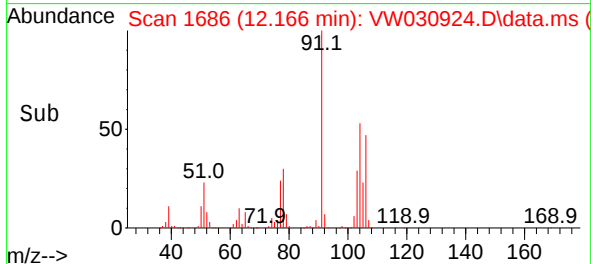
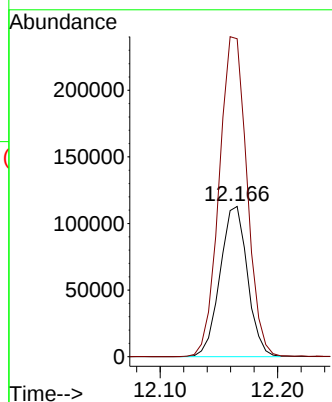
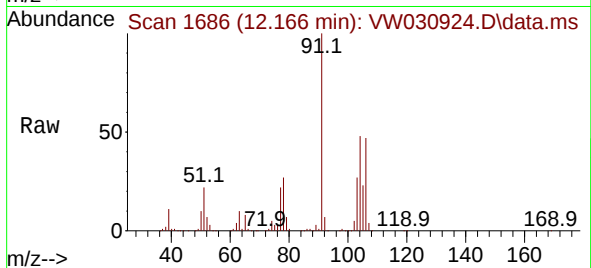




#54
o-Xylene
Concen: 23.263 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW030924.D
Acq: 04 Nov 2024 22:39

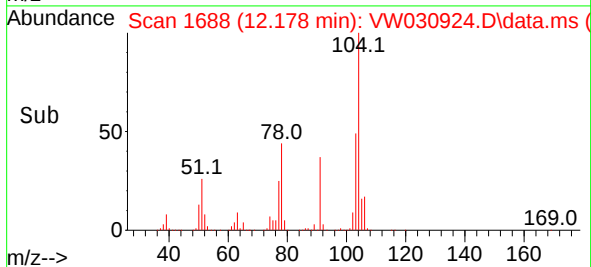
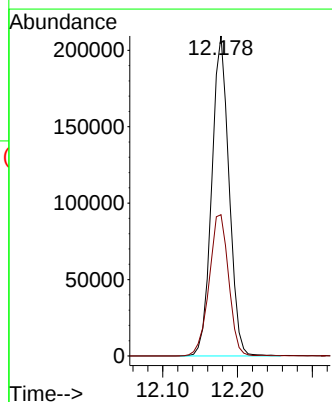
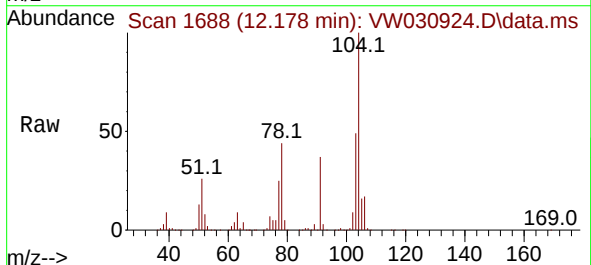
Instrument :
MSVOA_W
ClientSampleId :

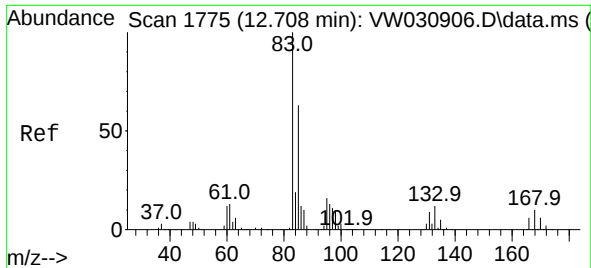
Tgt Ion:106 Resp: 182761
Ion Ratio Lower Upper
106 100
91 211.6 149.9 278.3



#55
Styrene
Concen: 25.099 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030924.D
Acq: 04 Nov 2024 22:39

Tgt Ion:104 Resp: 336912
Ion Ratio Lower Upper
104 100
78 44.2 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 39.408 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

ClientSampleId :

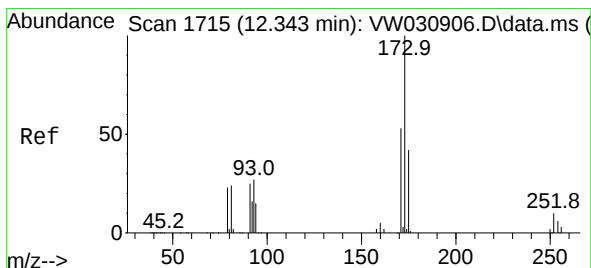
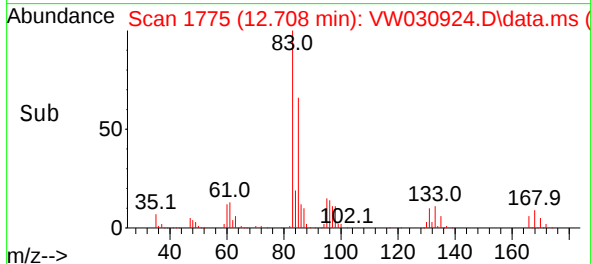
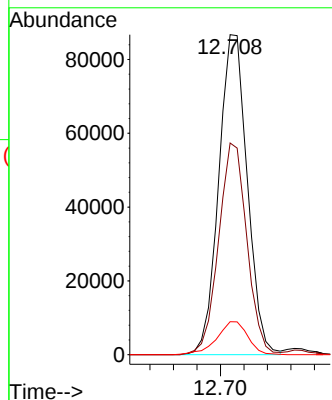
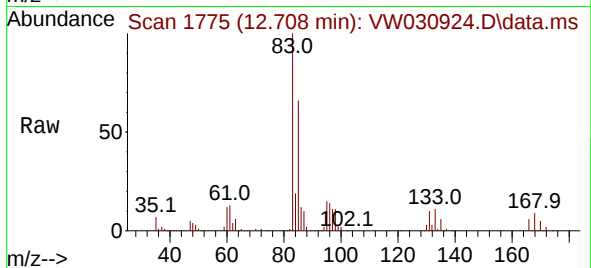
Tgt Ion: 83 Resp: 146375

Ion Ratio Lower Upper

83 100

85 66.1 45.1 83.7

131 10.3 7.7 11.5



#59

Bromoform

Concen: 40.618 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

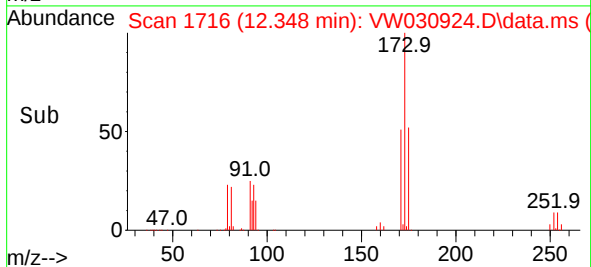
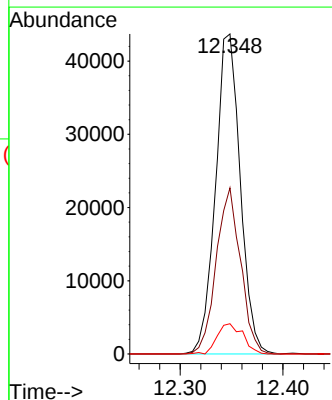
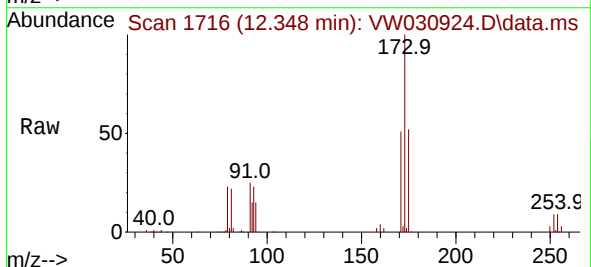
Tgt Ion:173 Resp: 73061

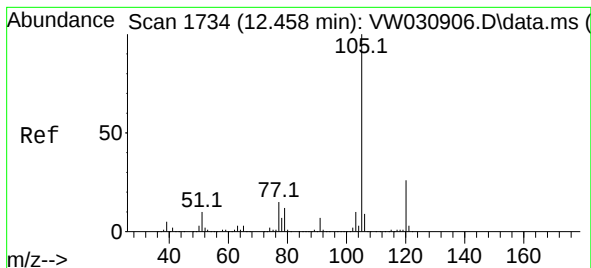
Ion Ratio Lower Upper

173 100

175 51.0 39.3 58.9

254 9.7 7.8 11.6





#60

Isopropylbenzene

Concen: 19.194 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

ClientSampleId :

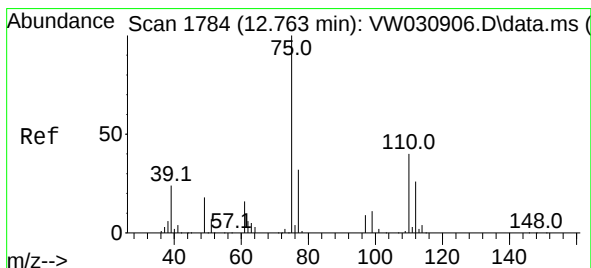
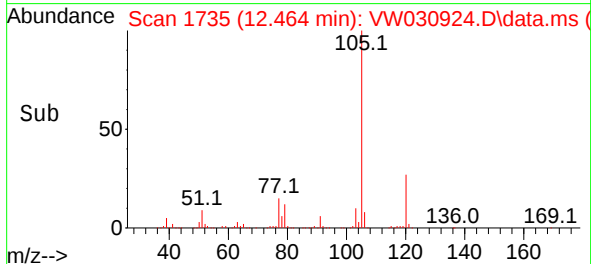
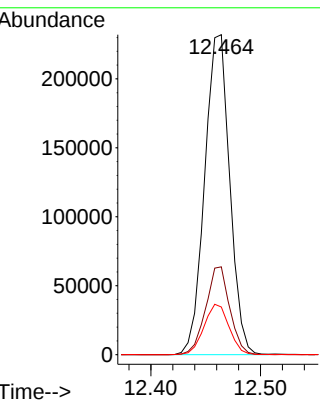
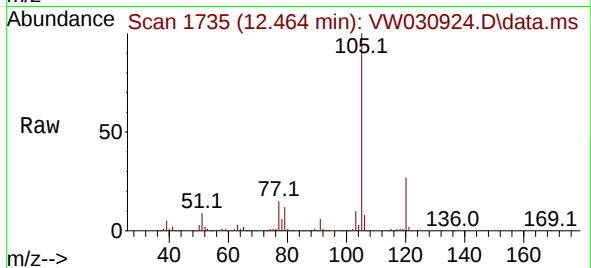
Tgt Ion:105 Resp: 368826

Ion Ratio Lower Upper

105 100

120 26.4 20.6 31.0

77 15.8 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 44.868 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

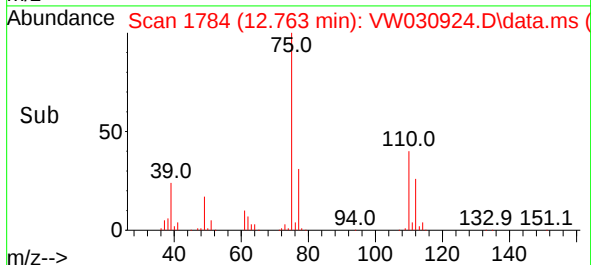
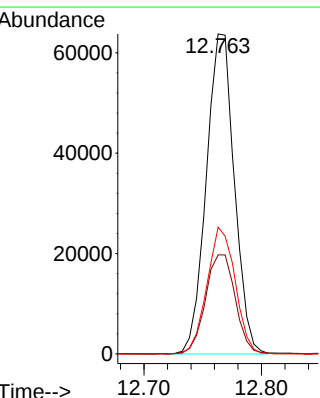
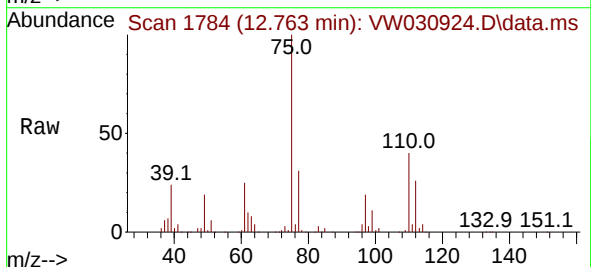
Tgt Ion: 75 Resp: 105966

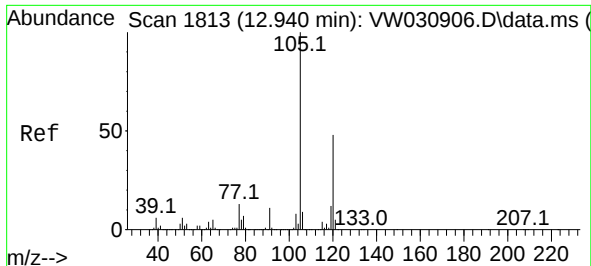
Ion Ratio Lower Upper

75 100

77 32.9 26.2 39.2

110 39.6 31.8 47.8

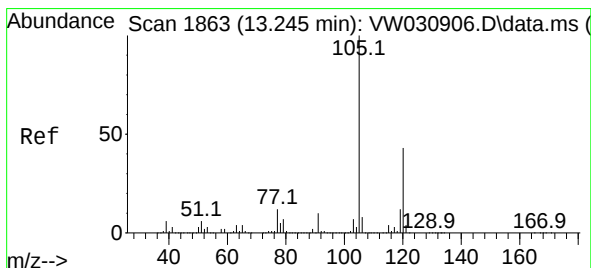
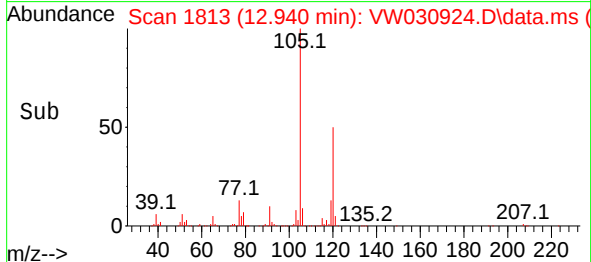
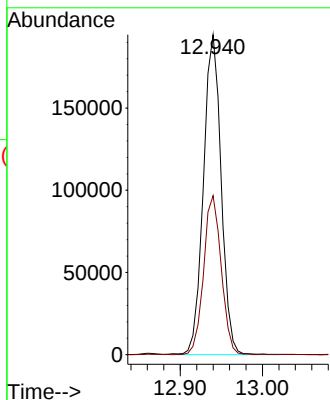
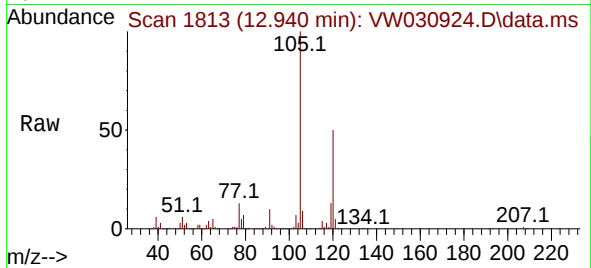




#62
1,3,5-Trimethylbenzene
Concen: 19.267 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030924.D
Acq: 04 Nov 2024 22:39

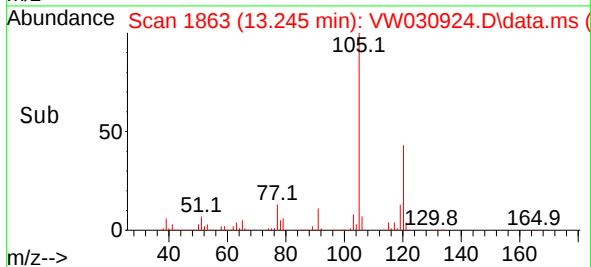
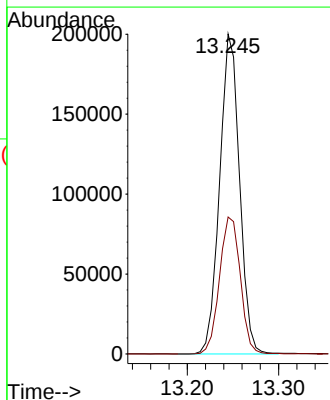
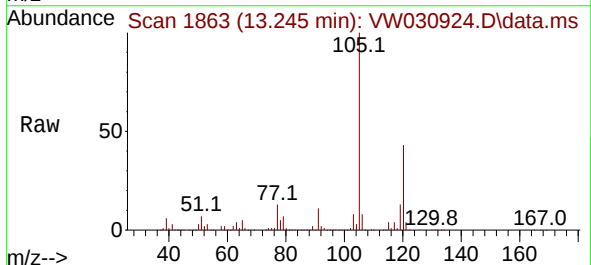
Instrument :
MSVOA_W
ClientSampleId :

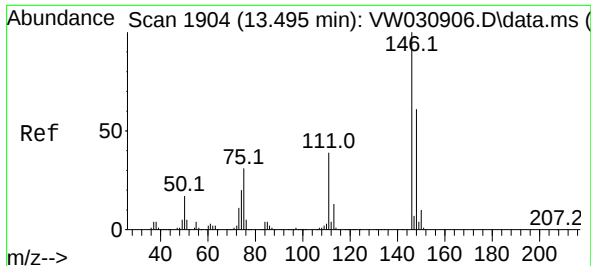
Tgt Ion:105 Resp: 291499
Ion Ratio Lower Upper
105 100
120 49.3 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 20.559 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030924.D
Acq: 04 Nov 2024 22:39

Tgt Ion:105 Resp: 302911
Ion Ratio Lower Upper
105 100
120 44.9 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 23.363 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

ClientSampleId :

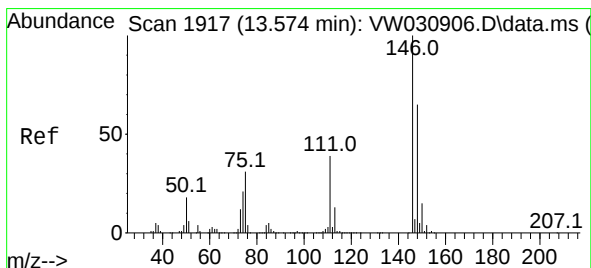
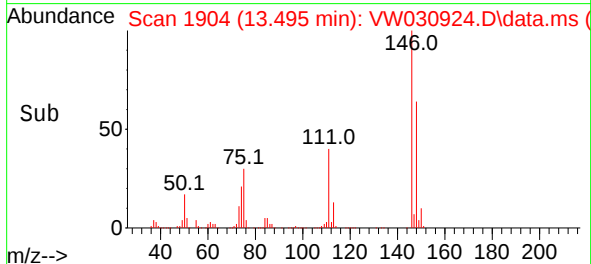
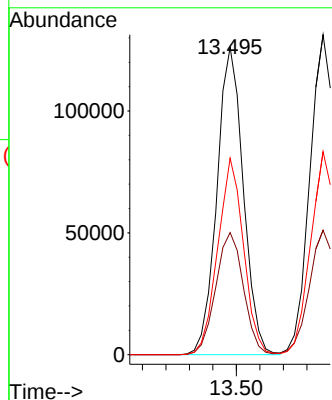
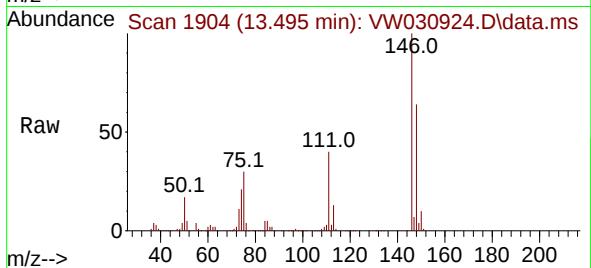
Tgt Ion:146 Resp: 197116

Ion Ratio Lower Upper

146 100

111 39.7 26.8 49.8

148 63.9 41.8 77.6



#65

1,4-Dichlorobenzene

Concen: 23.863 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

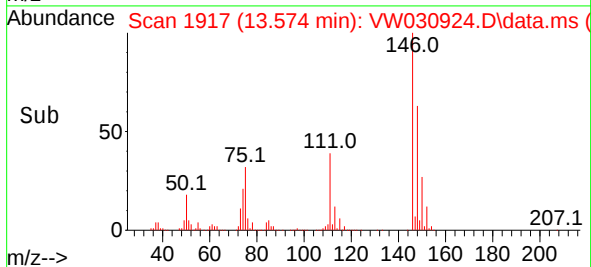
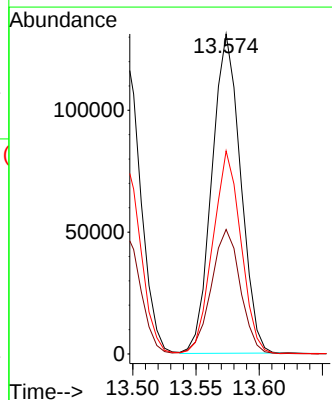
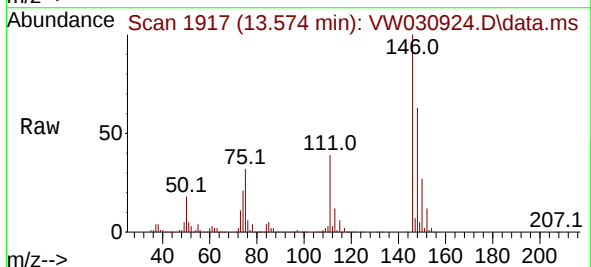
Tgt Ion:146 Resp: 206697

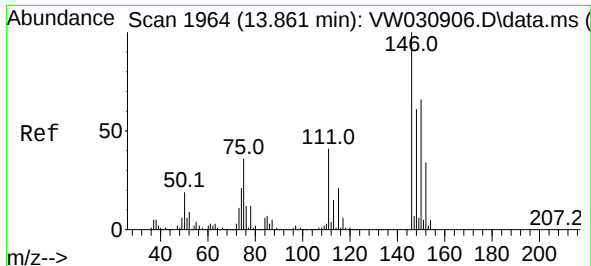
Ion Ratio Lower Upper

146 100

111 38.9 27.6 51.4

148 63.4 41.6 77.2

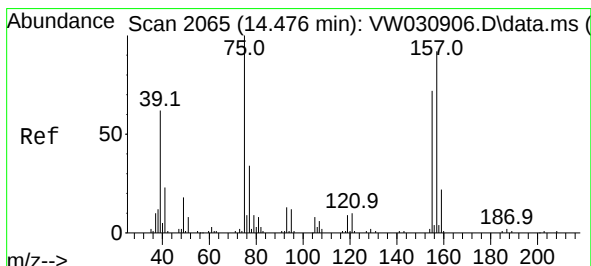
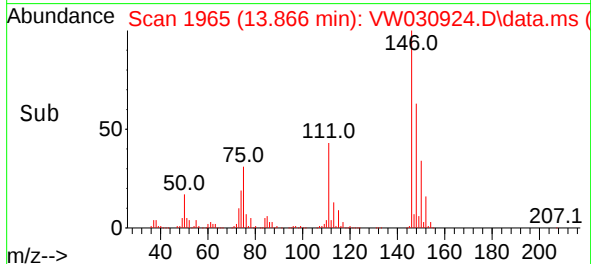
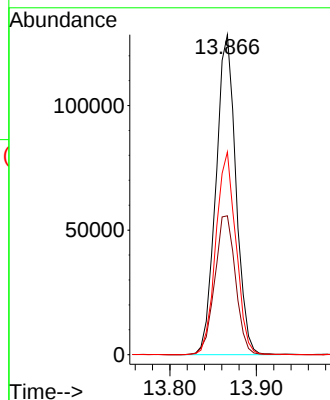
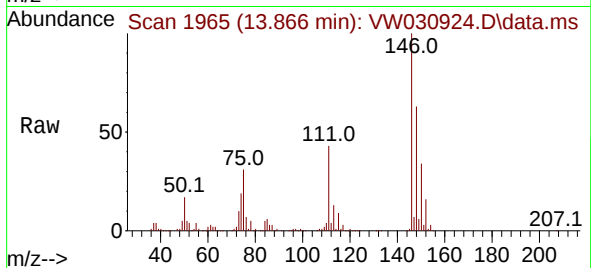




#67
1,2-Dichlorobenzene
Concen: 27.379 ug/L
RT: 13.866 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW030924.D
Acq: 04 Nov 2024 22:39

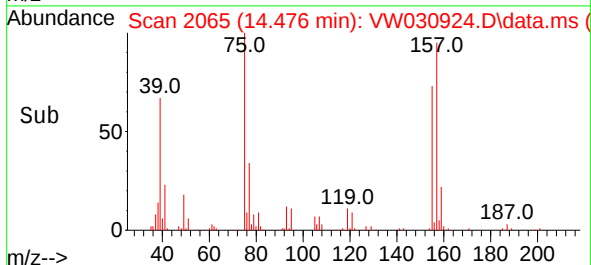
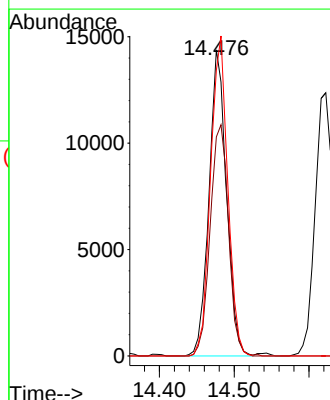
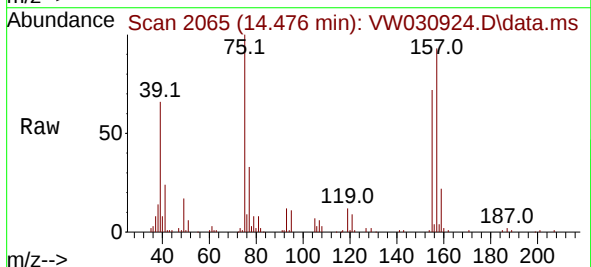
Instrument :
MSVOA_W
ClientSampleId :

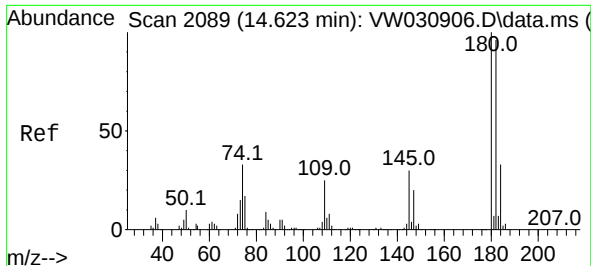
Tgt Ion:146 Resp: 205884
Ion Ratio Lower Upper
146 100
111 43.4 34.3 51.5
148 63.3 48.0 72.0



#68
1,2-Dibromo-3-chloropropane
Concen: 47.062 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW030924.D
Acq: 04 Nov 2024 22:39

Tgt Ion: 75 Resp: 23531
Ion Ratio Lower Upper
75 100
155 71.6 56.2 84.2
157 93.3 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 21.105 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

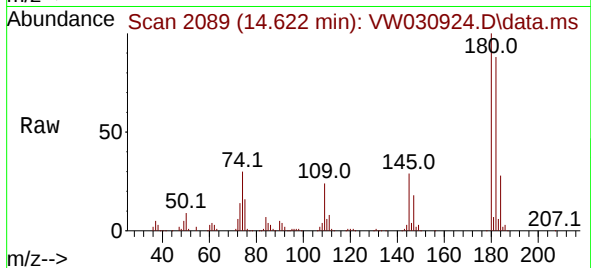
Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 118165

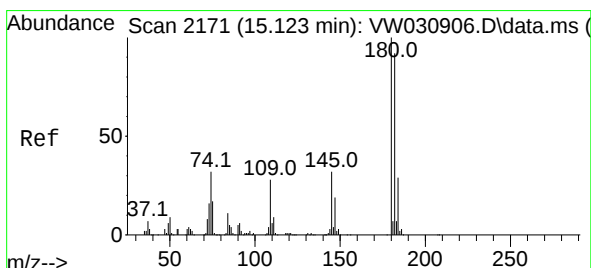
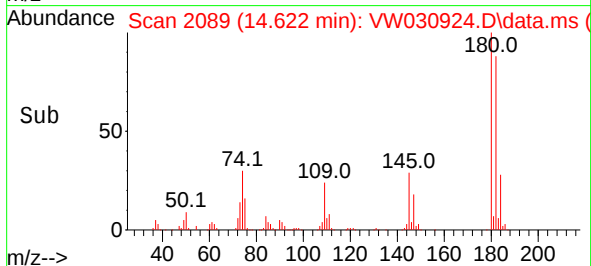
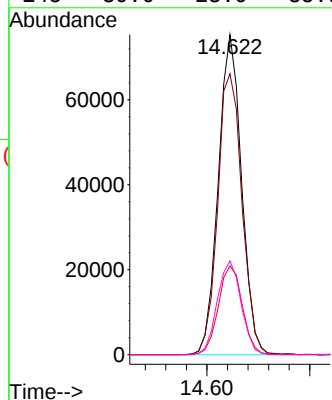
Ion Ratio Lower Upper

180 100

182 91.9 76.6 114.8

184 28.5 23.9 35.9

145 30.0 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 24.671 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

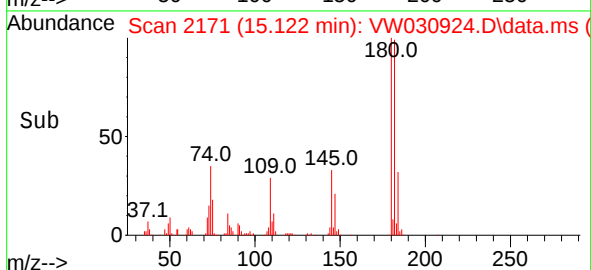
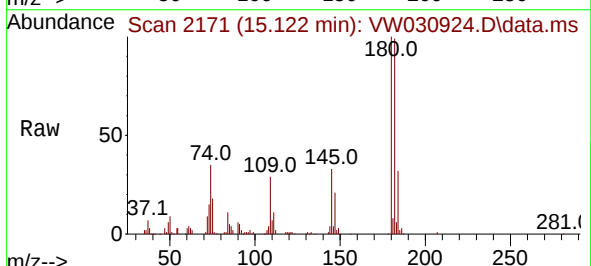
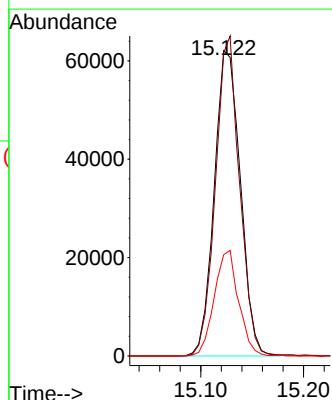
Tgt Ion:180 Resp: 109680

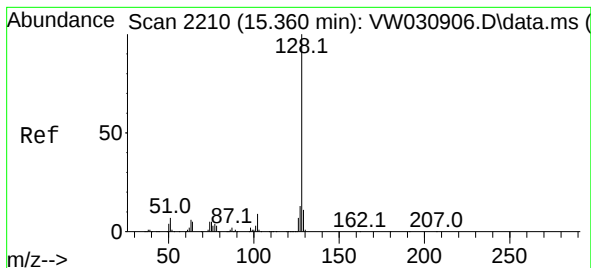
Ion Ratio Lower Upper

180 100

182 96.6 74.5 111.7

145 32.1 24.2 36.2





#71

Naphthalene

Concen: 43.250 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Instrument :

MSVOA_W

ClientSampleId :

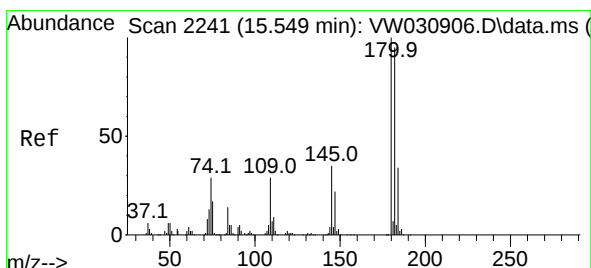
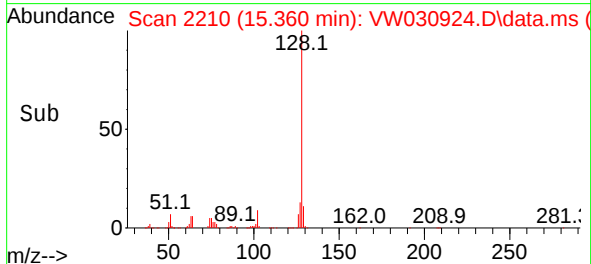
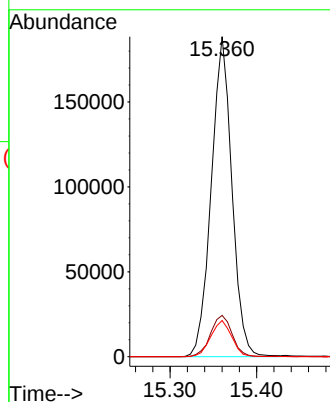
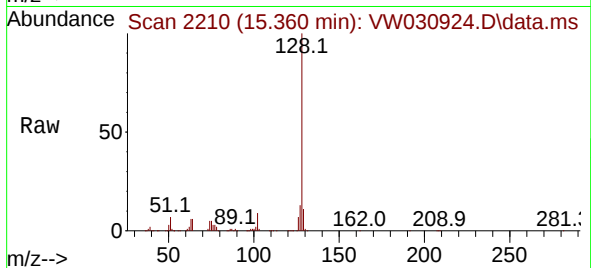
Tgt Ion:128 Resp: 311702

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 11.5 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 30.459 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030924.D

Acq: 04 Nov 2024 22:39

Tgt Ion:180 Resp: 116703

Ion Ratio Lower Upper

180 100

182 93.0 79.2 118.8

145 33.1 27.0 40.6

