

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020178.D
 Acq On : 06 Nov 2024 13:56
 Operator : SY/MD
 Sample : P4709-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 00:25:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

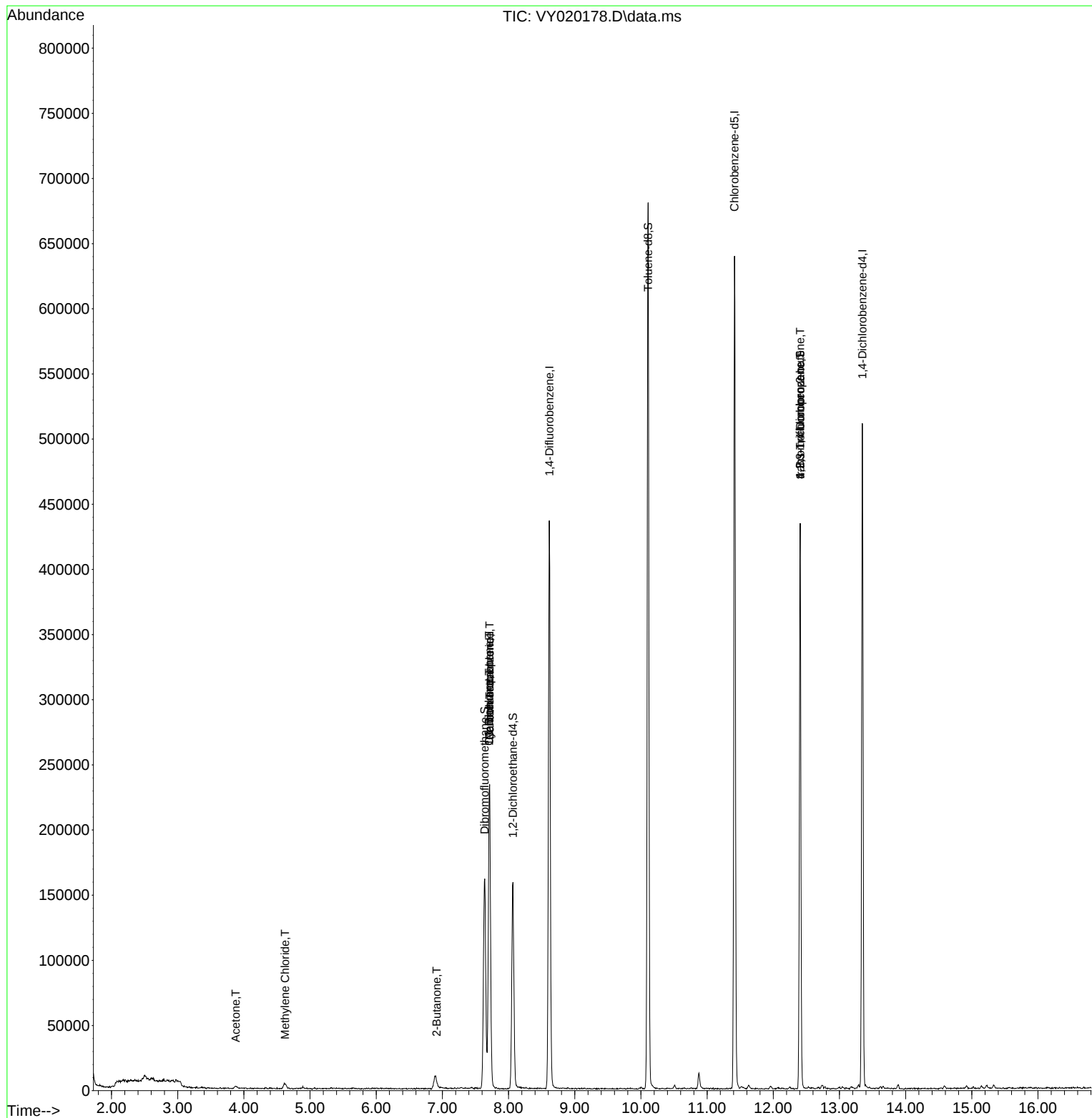
Internal Standards						
1) Pentafluorobenzene	7.713	168	163945	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	341570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	315392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	109128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	119934	58.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.220%	
35) Dibromofluoromethane	7.640	113	113751	52.379	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.760%	
50) Toluene-d8	10.109	98	428207	49.536	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.080%	
62) 4-Bromofluorobenzene	12.407	95	126254	44.966	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.940%	
Target Compounds						
					Qvalue	
16) Acetone	3.878	43	3053	6.416	ug/l	# 86
20) Methylene Chloride	4.622	84	2559	1.197	ug/l	# 92
25) 2-Butanone	6.914	43	1066	1.653	ug/l	# 41
31) Cyclohexane	7.707	56	5441	1.465	ug/l	# 46
36) 1,1-Dichloropropene	7.707	75	16552	4.934	ug/l	# 47
38) Carbon Tetrachloride	7.713	117	18296	5.423	ug/l	# 18
76) 1,2,3-Trichloropropane	12.407	75	74280	72.613	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	74280	156.188	ug/l	# 16

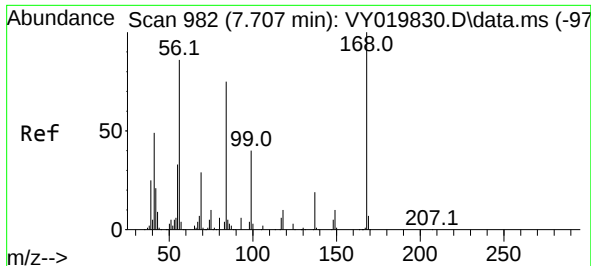
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

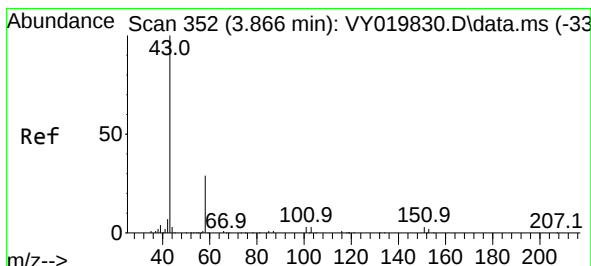
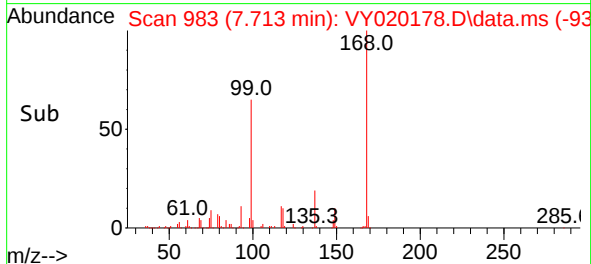
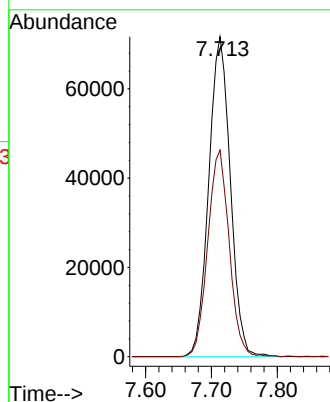
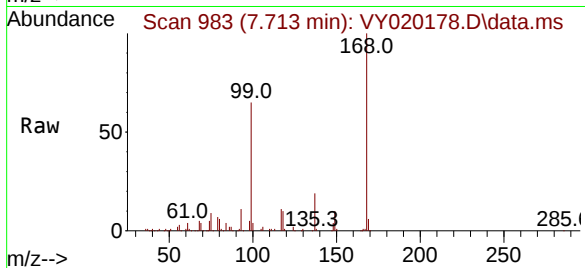




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020178.D
Acq: 06 Nov 2024 13:56

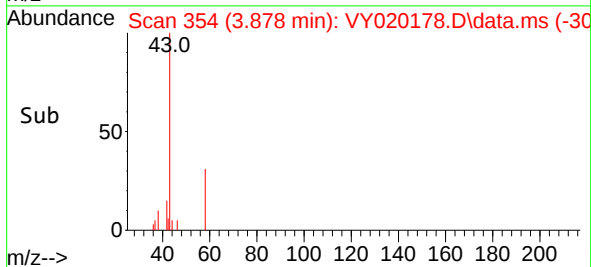
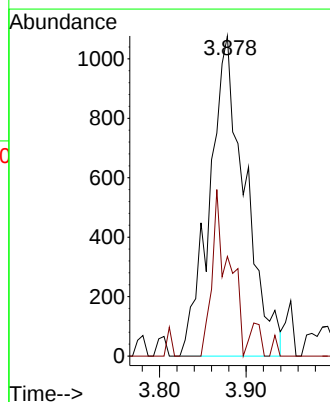
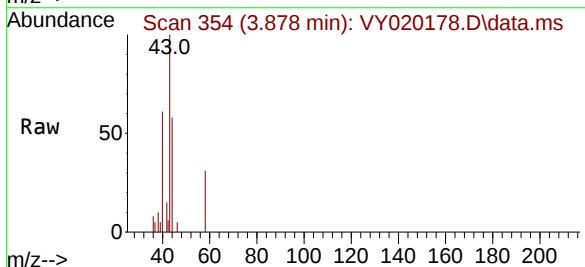
Instrument :
MSVOA_Y
ClientSampleId :

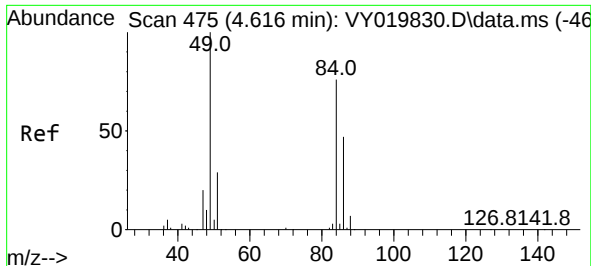
Tgt Ion:168 Resp: 163945
Ion Ratio Lower Upper
168 100
99 64.6 39.1 58.7#



#16
Acetone
Concen: 6.416 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020178.D
Acq: 06 Nov 2024 13:56

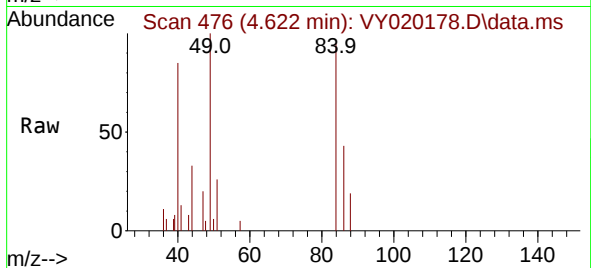
Tgt Ion: 43 Resp: 3053
Ion Ratio Lower Upper
43 100
58 31.1 31.7 47.5#



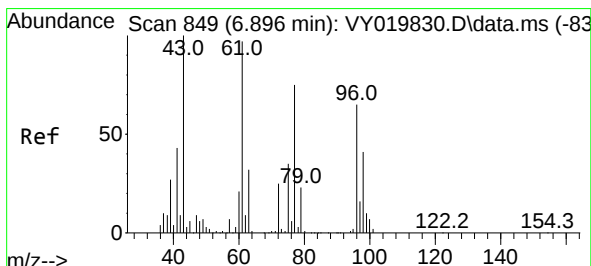
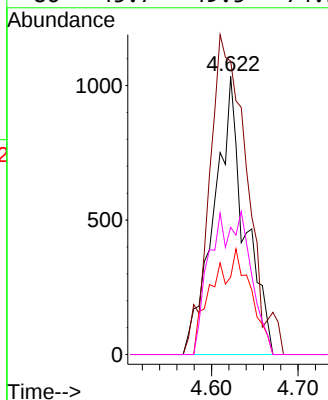
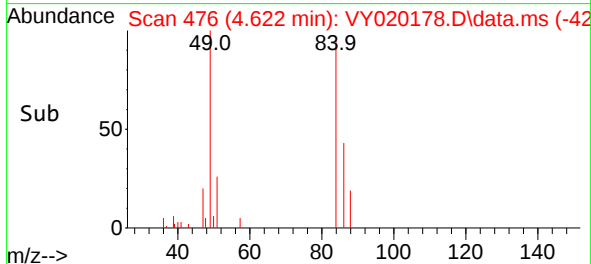


#20
Methylene Chloride
Concen: 1.197 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY020178.D
Acq: 06 Nov 2024 13:56

Instrument :
MSVOA_Y
ClientSampleId :

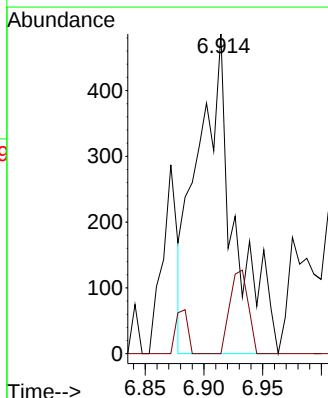
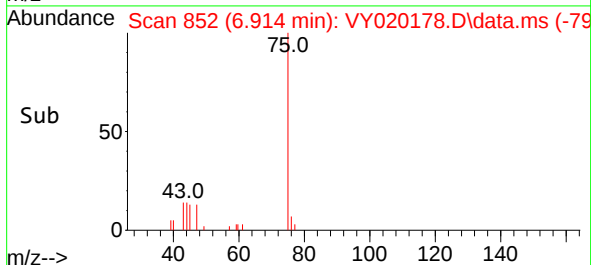
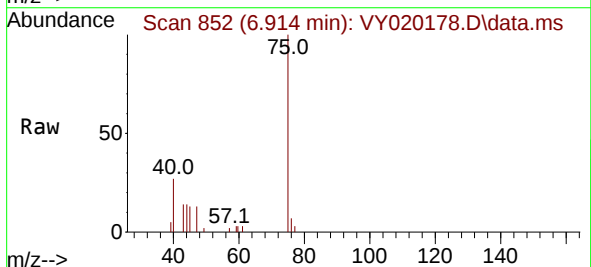


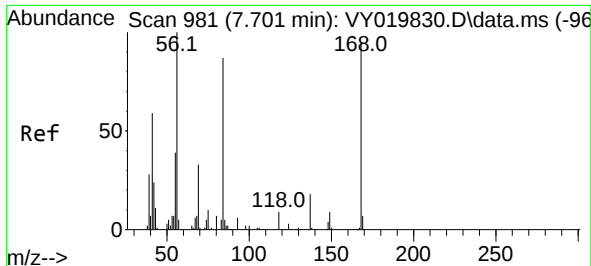
Tgt Ion: 84 Resp: 2559
Ion Ratio Lower Upper
84 100
49 105.5 84.4 126.6
51 27.9 26.0 39.0
86 45.7 49.5 74.3#



#25
2-Butanone
Concen: 1.653 ug/l
RT: 6.914 min Scan# 852
Delta R.T. 0.024 min
Lab File: VY020178.D
Acq: 06 Nov 2024 13:56

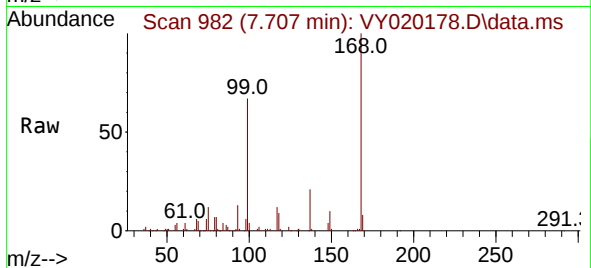
Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



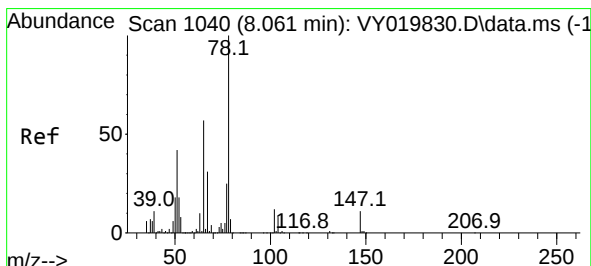
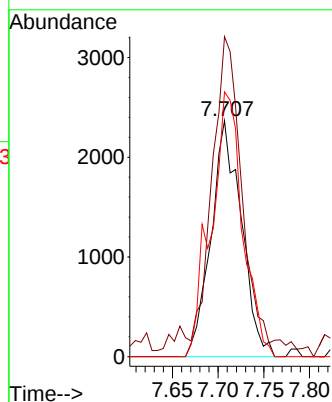
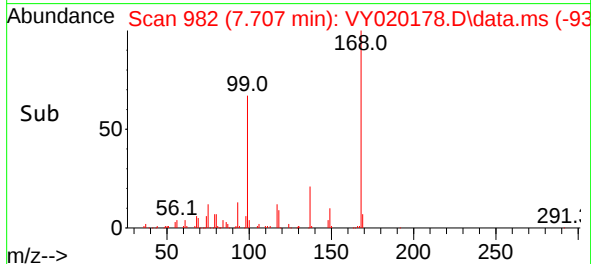


#31
Cyclohexane
Concen: 1.465 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020178.D
Acq: 06 Nov 2024 13:56

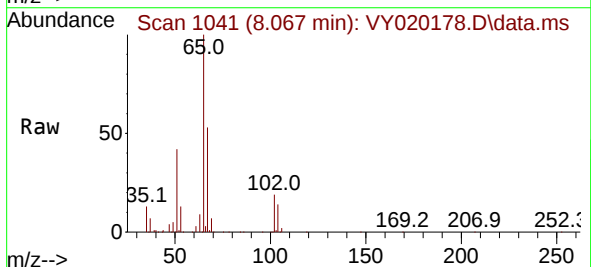
Instrument :
MSVOA_Y
ClientSampleId :



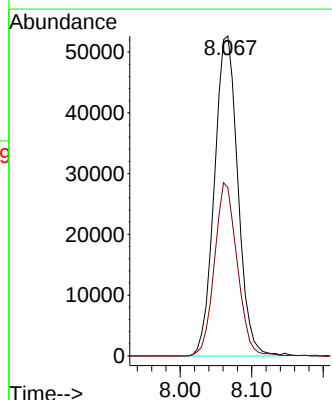
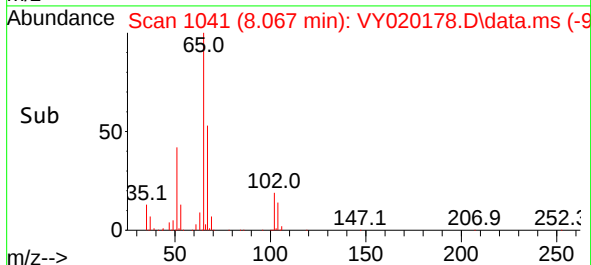
Tgt Ion: 56 Resp: 5441
Ion Ratio Lower Upper
56 100
69 128.5 28.7 43.1#
84 112.3 77.7 116.5

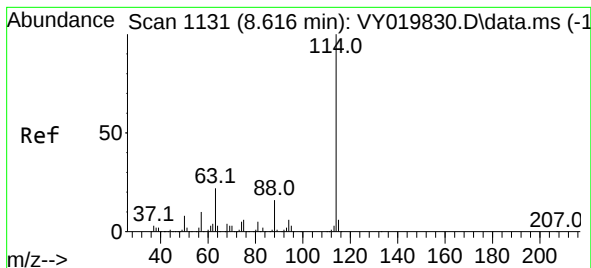


#33
1,2-Dichloroethane-d4
Concen: 58.615 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020178.D
Acq: 06 Nov 2024 13:56



Tgt Ion: 65 Resp: 119934
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020178.D

Acq: 06 Nov 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

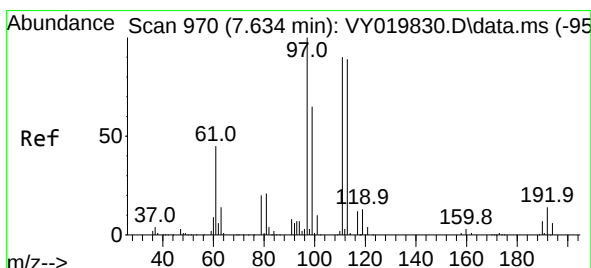
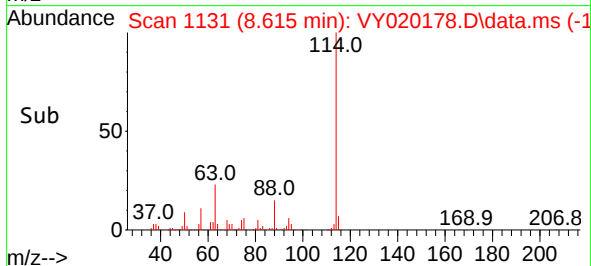
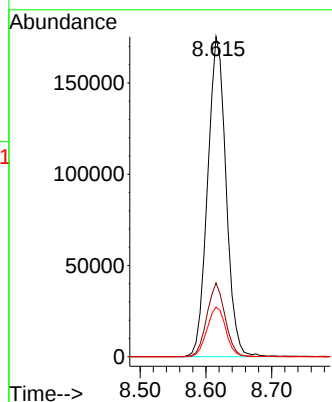
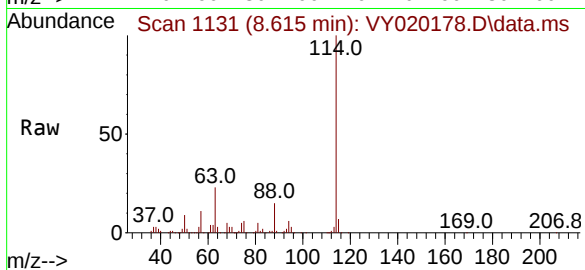
Tgt Ion:114 Resp: 341570

Ion Ratio Lower Upper

114 100

63 23.1 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.379 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020178.D

Acq: 06 Nov 2024 13:56

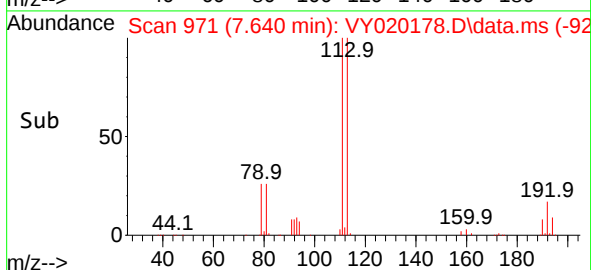
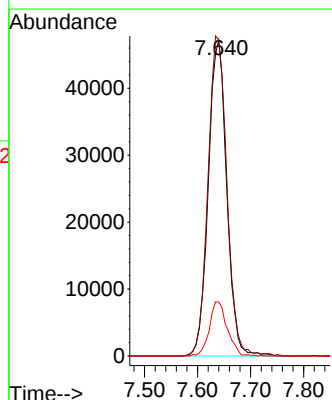
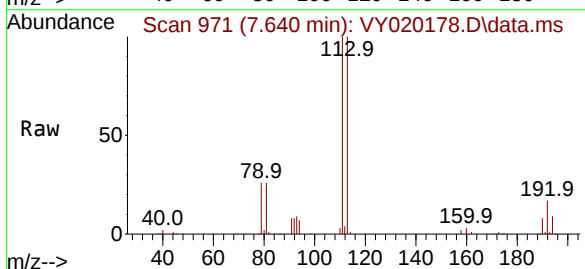
Tgt Ion:113 Resp: 113751

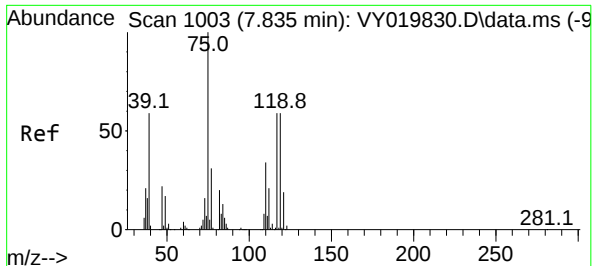
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 16.7 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.934 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY020178.D

Acq: 06 Nov 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

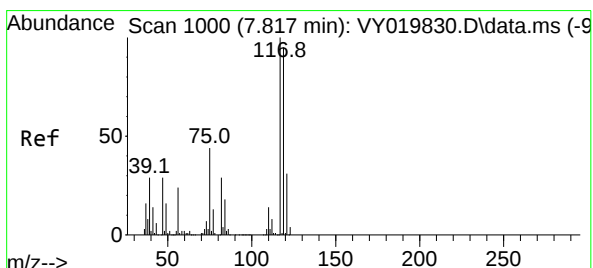
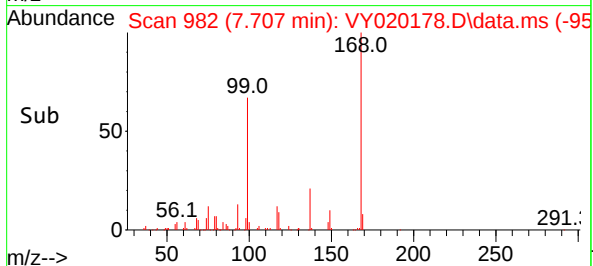
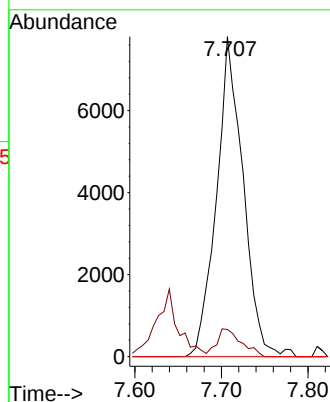
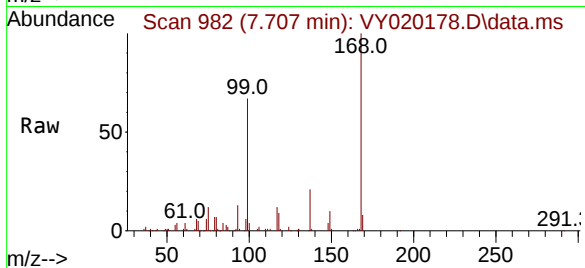
Tgt Ion: 75 Resp: 16552

Ion Ratio Lower Upper

75 100

110 8.0 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.423 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.104 min

Lab File: VY020178.D

Acq: 06 Nov 2024 13:56

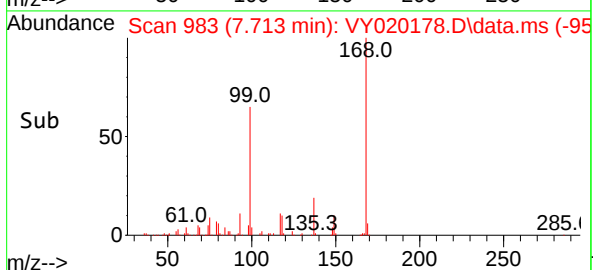
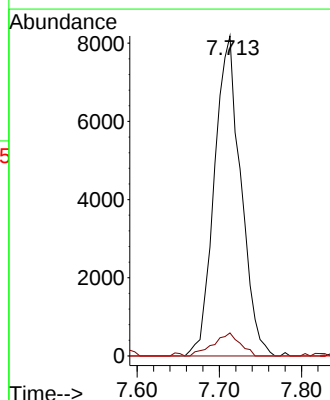
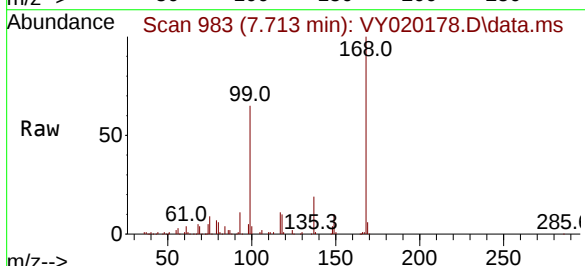
Tgt Ion: 117 Resp: 18296

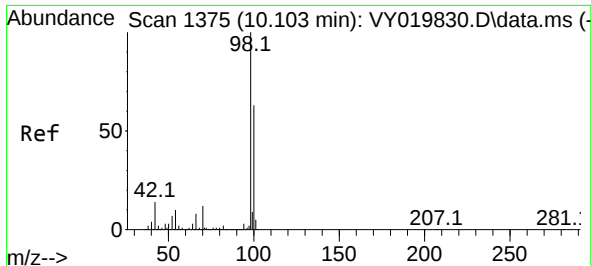
Ion Ratio Lower Upper

117 100

119 7.2 75.8 113.6#

121 0.0 24.0 36.0#

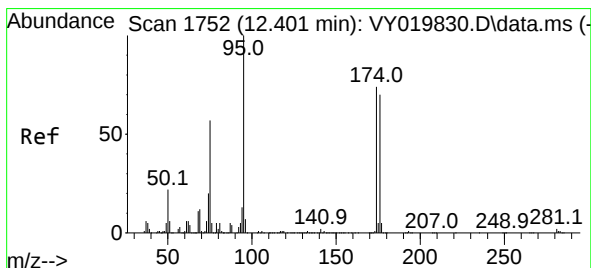
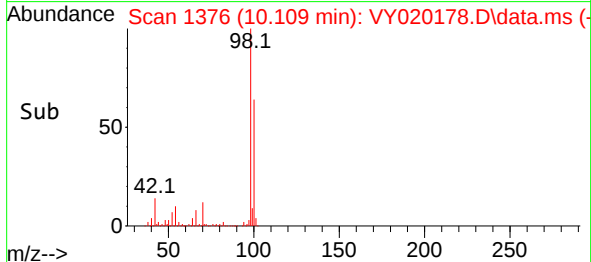
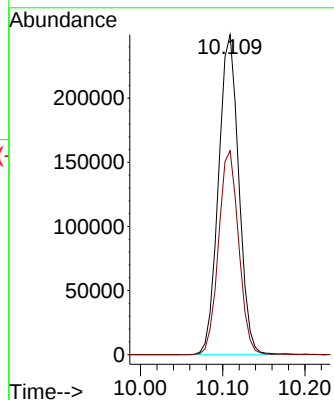
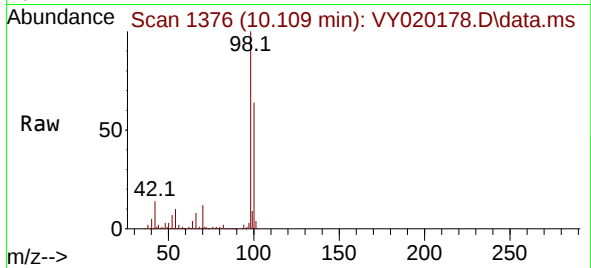




#50
Toluene-d8
Concen: 49.536 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020178.D
Acq: 06 Nov 2024 13:56

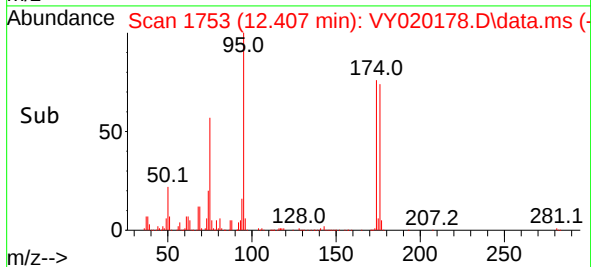
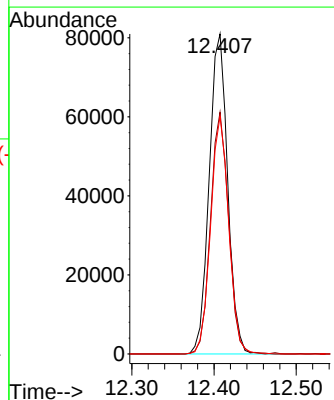
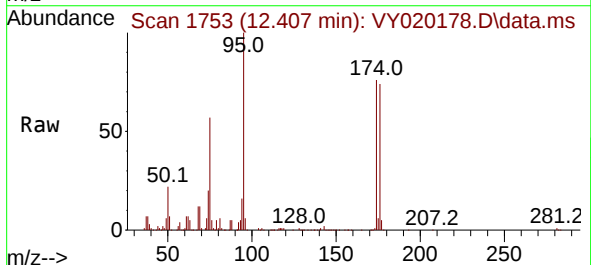
Instrument :
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ClientSampleId :

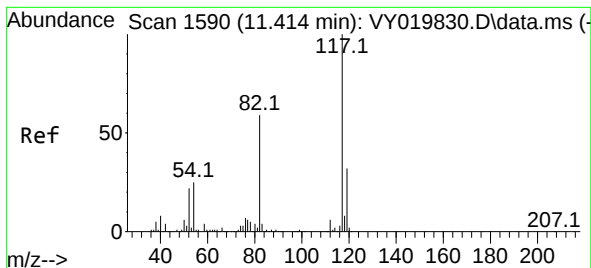
Tgt Ion: 98 Resp: 428207
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.966 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020178.D
Acq: 06 Nov 2024 13:56

Tgt Ion: 95 Resp: 126254
Ion Ratio Lower Upper
95 100
174 73.9 0.0 175.6
176 72.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020178.D

Acq: 06 Nov 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

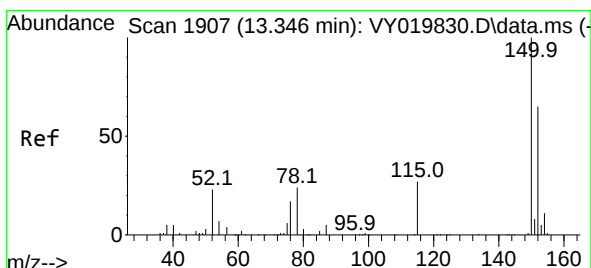
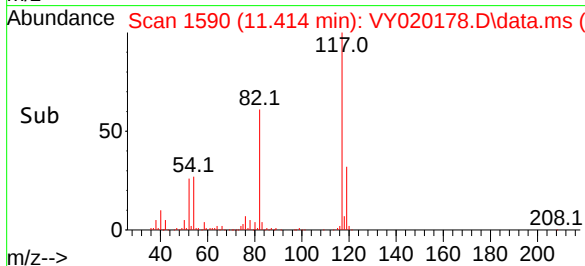
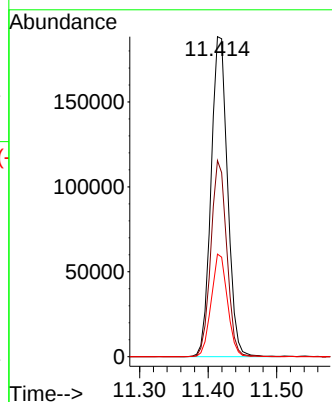
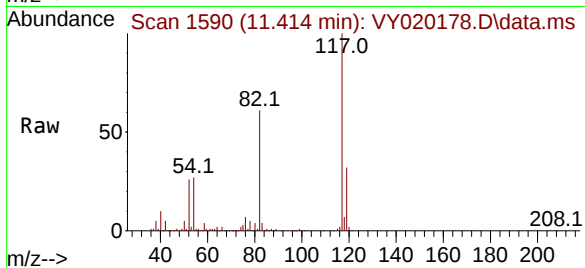
Tgt Ion:117 Resp: 315392

Ion Ratio Lower Upper

117 100

82 61.3 42.4 63.6

119 32.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020178.D

Acq: 06 Nov 2024 13:56

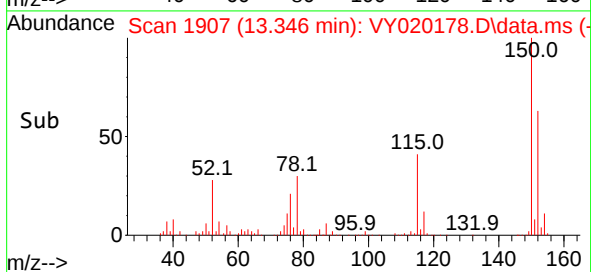
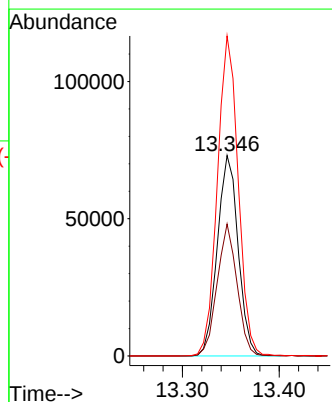
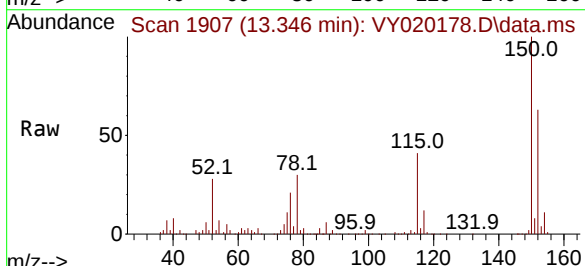
Tgt Ion:152 Resp: 109128

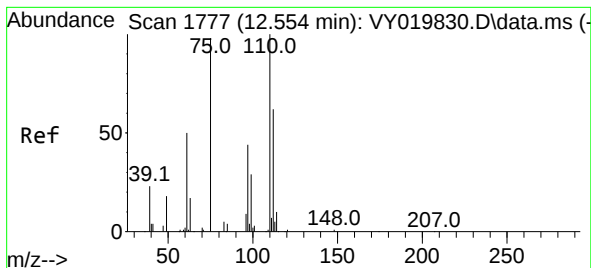
Ion Ratio Lower Upper

152 100

115 62.9 28.2 84.7

150 159.3 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 72.613 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020178.D

Acq: 06 Nov 2024 13:56

Instrument :

MSVOA_Y

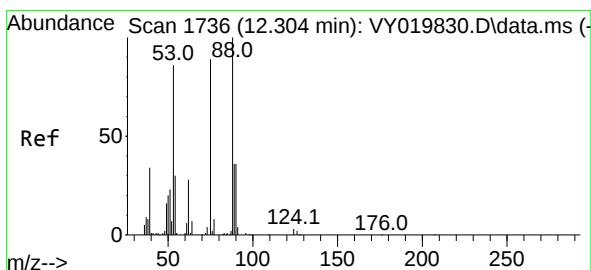
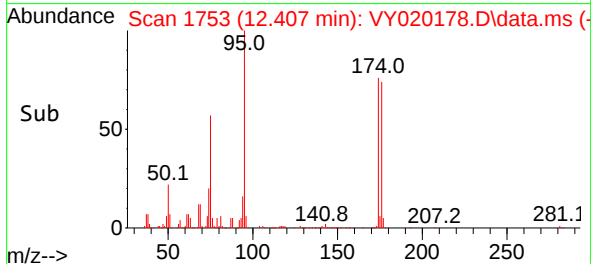
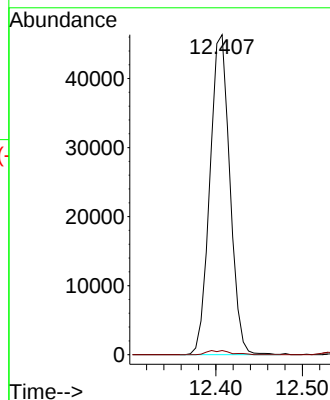
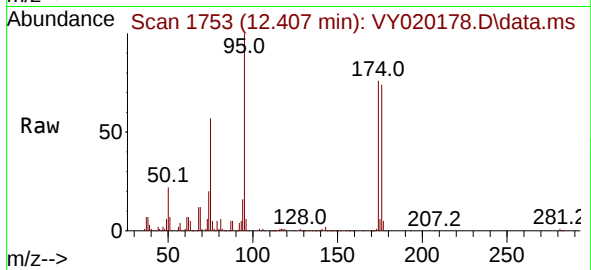
ClientSampleId :

Tgt Ion: 75 Resp: 74280

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 156.188 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY020178.D

Acq: 06 Nov 2024 13:56

Tgt Ion: 75 Resp: 74280

Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.0 35.8 53.6#

