

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020233.D
 Acq On : 08 Nov 2024 15:12
 Operator : SY/MD
 Sample : P4718-01
 Misc : 7.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 22:19:41 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)

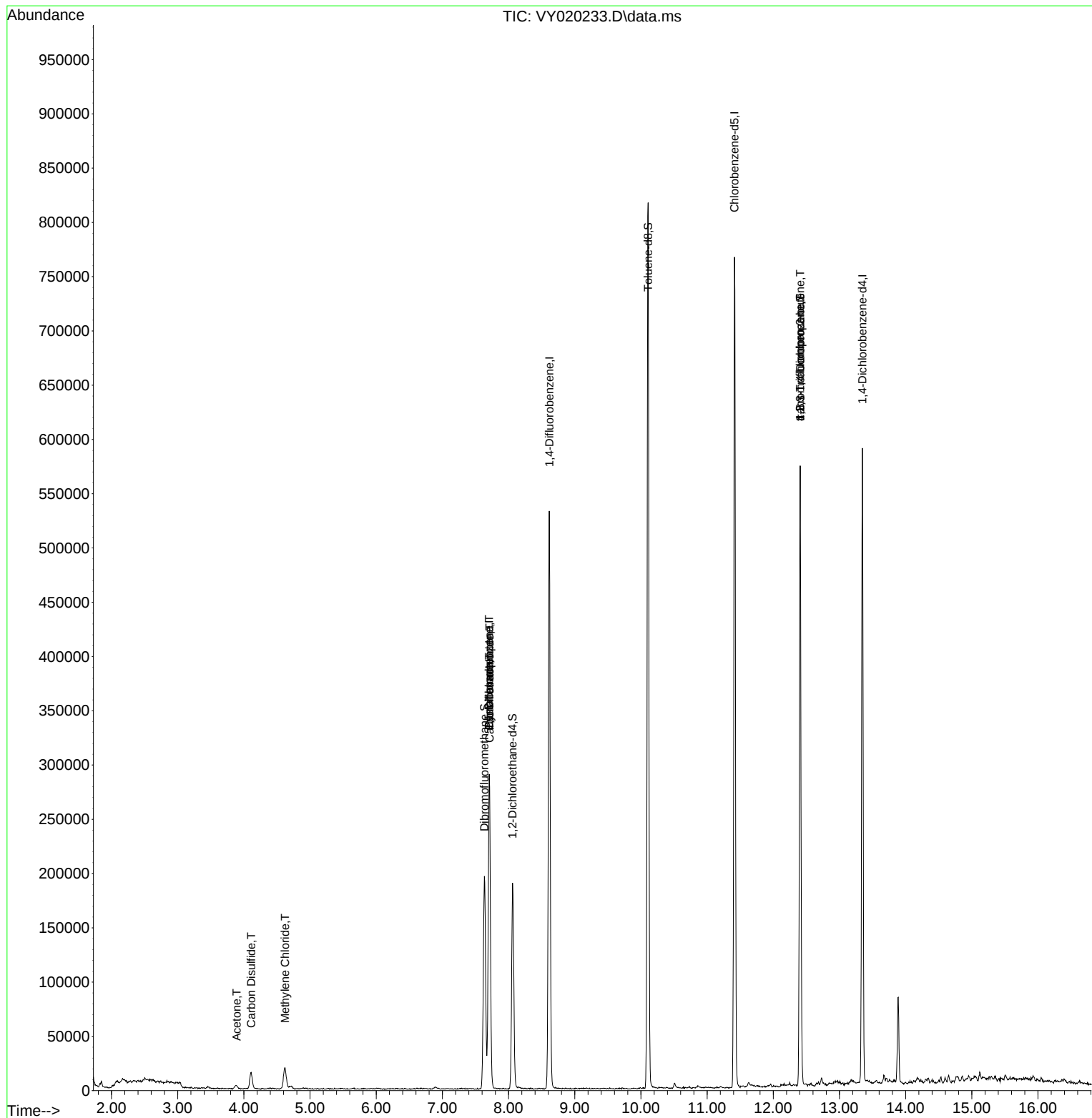
Internal Standards						
1) Pentafluorobenzene	7.707	168	200375	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	415302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	374550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	128433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	151753	60.682	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.360%	
35) Dibromofluoromethane	7.634	113	138097	52.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.600%	
50) Toluene-d8	10.109	98	518276	49.311	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.620%	
62) 4-Bromofluorobenzene	12.407	95	160323	46.962	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.920%	
Target Compounds						
					Qvalue	
16) Acetone	3.891	43	5109	8.785	ug/l	# 63
17) Carbon Disulfide	4.110	76	29580	4.111	ug/l	99
20) Methylene Chloride	4.622	84	13173	5.042	ug/l	# 83
31) Cyclohexane	7.707	56	6446	1.420	ug/l	# 53
36) 1,1-Dichloropropene	7.707	75	20680	5.070	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	22668	5.526	ug/l	# 17
76) 1,2,3-Trichloropropane	12.407	75	94406	78.415	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	94406	168.668	ug/l	# 16

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

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ClientSampleId :

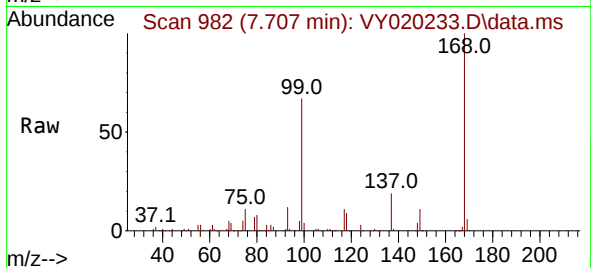
Quant Time: Nov 08 22:19:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration



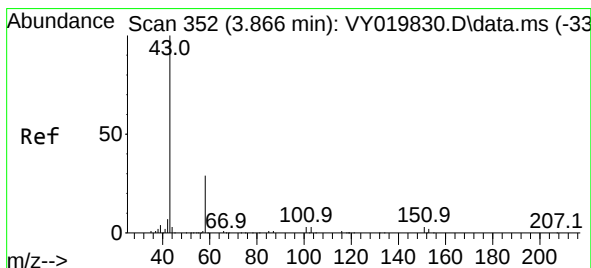
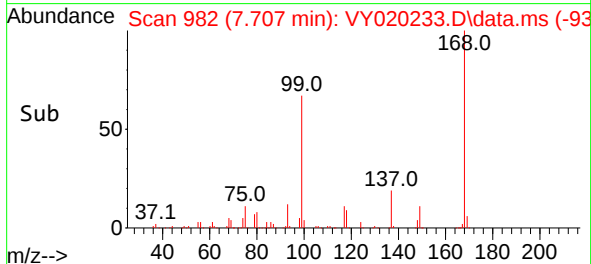
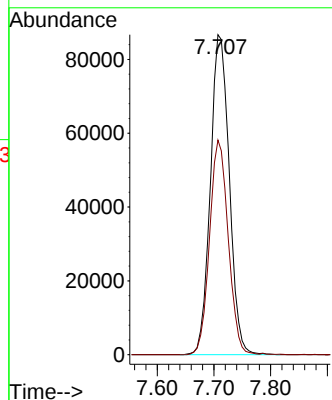


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020233.D
Acq: 08 Nov 2024 15:12

Instrument :
MSVOA_Y
ClientSampleId :

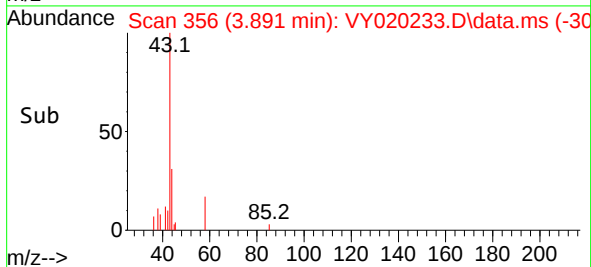
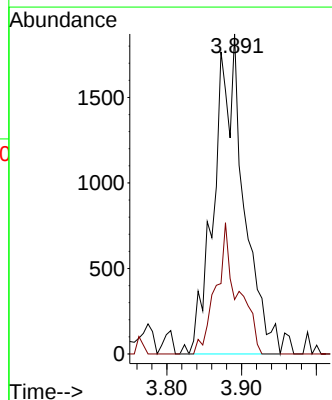
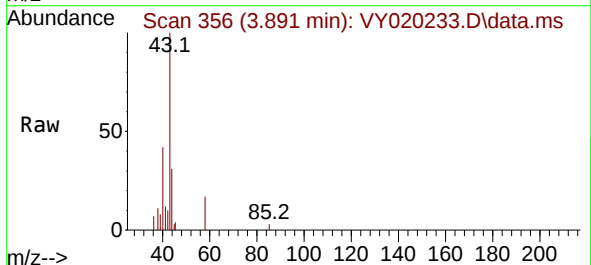


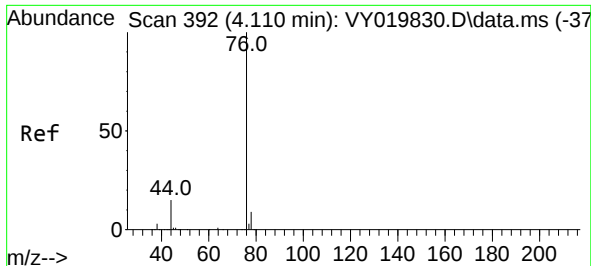
Tgt Ion:168 Resp: 200375
Ion Ratio Lower Upper
168 100
99 67.1 39.1 58.7#



#16
Acetone
Concen: 8.785 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.018 min
Lab File: VY020233.D
Acq: 08 Nov 2024 15:12

Tgt Ion: 43 Resp: 5109
Ion Ratio Lower Upper
43 100
58 17.0 31.7 47.5#

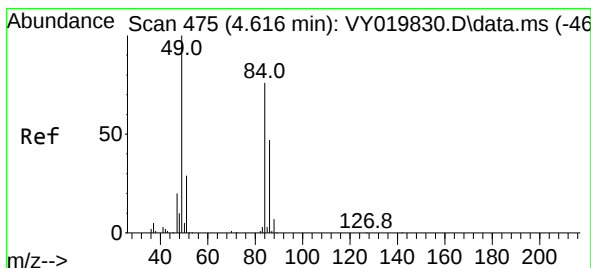
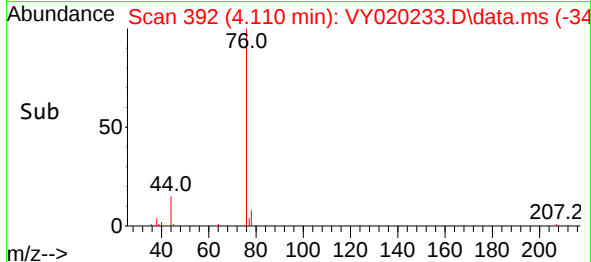
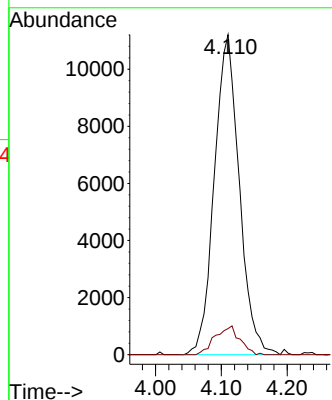
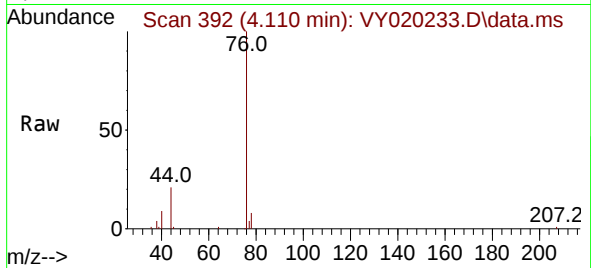




#17
Carbon Disulfide
Concen: 4.111 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY020233.D
Acq: 08 Nov 2024 15:12

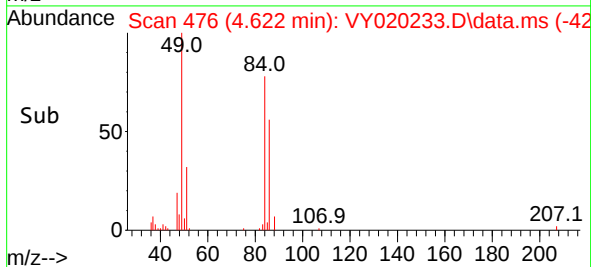
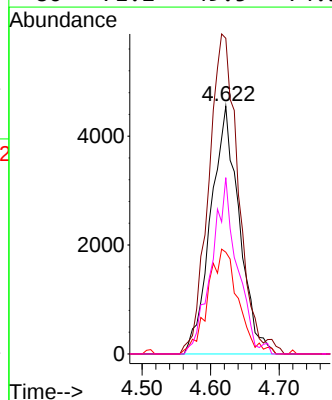
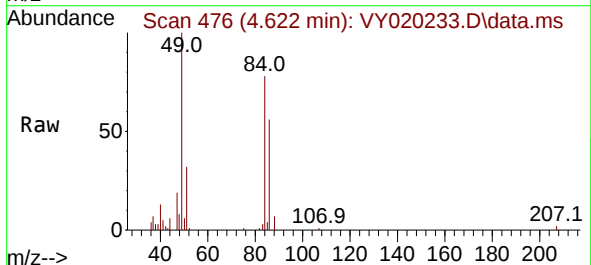
Instrument :
MSVOA_Y
ClientSampleId :

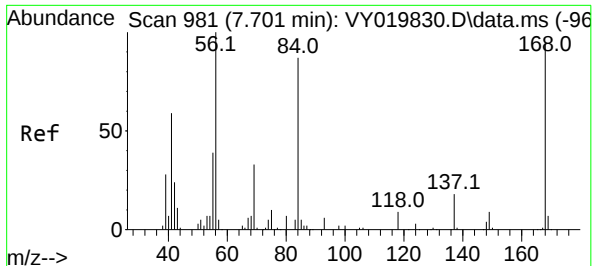
Tgt Ion: 76 Resp: 29580
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2



#20
Methylene Chloride
Concen: 5.042 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020233.D
Acq: 08 Nov 2024 15:12

Tgt Ion: 84 Resp: 13173
Ion Ratio Lower Upper
84 100
49 127.5 84.4 126.6#
51 41.1 26.0 39.0#
86 71.2 49.5 74.3

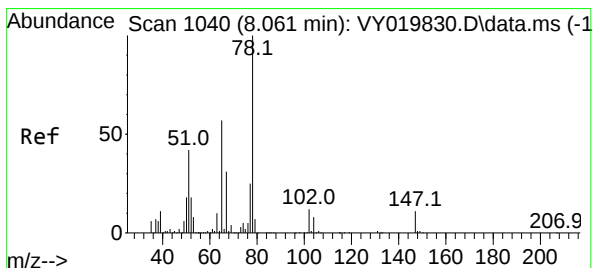
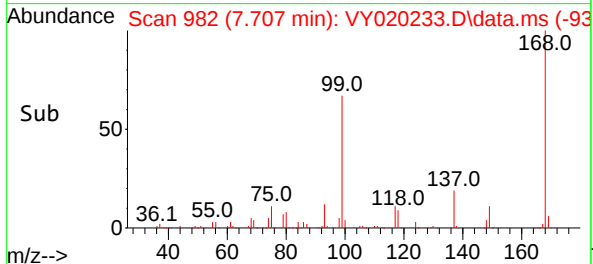
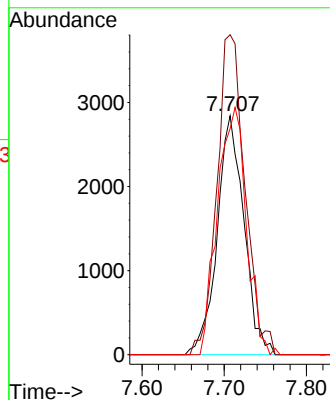
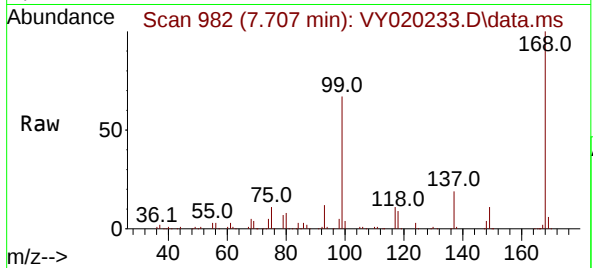




#31
Cyclohexane
Concen: 1.420 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020233.D
Acq: 08 Nov 2024 15:12

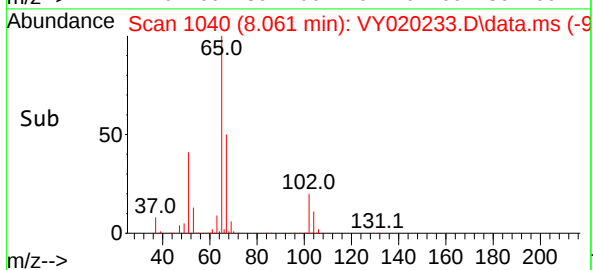
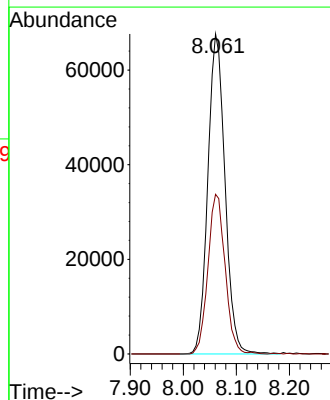
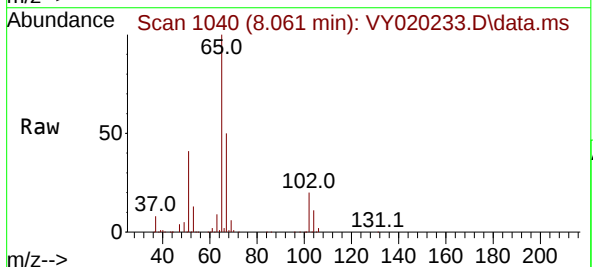
Instrument :
MSVOA_Y
ClientSampleId :

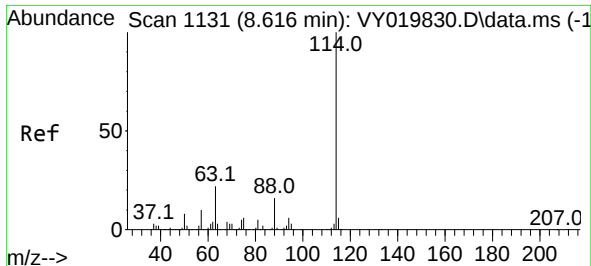
Tgt Ion: 56 Resp: 6446
Ion Ratio Lower Upper
56 100
69 133.9 28.7 43.1#
84 94.7 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 60.682 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020233.D
Acq: 08 Nov 2024 15:12

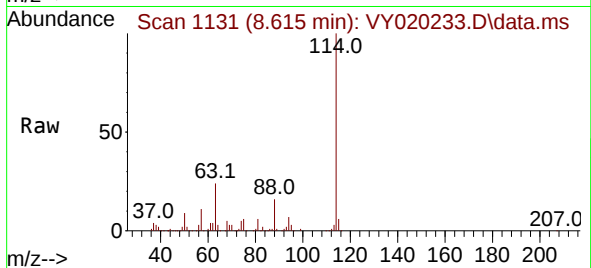
Tgt Ion: 65 Resp: 151753
Ion Ratio Lower Upper
65 100
67 50.1 0.0 109.6



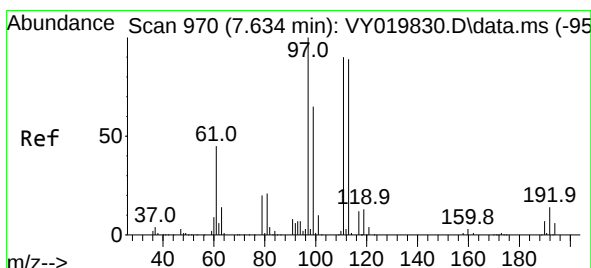
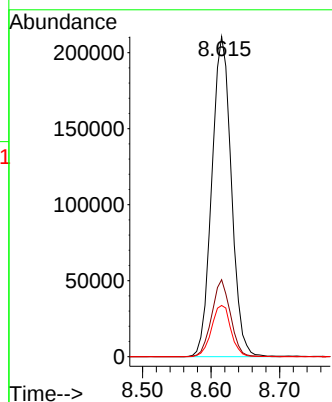
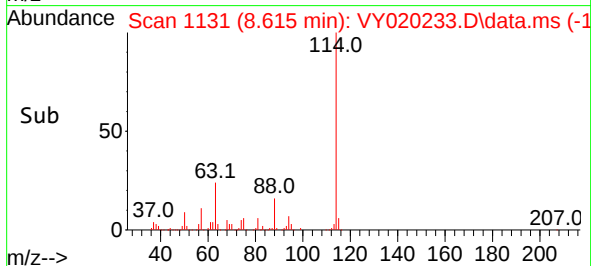


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020233.D
Acq: 08 Nov 2024 15:12

Instrument :
MSVOA_Y
ClientSampleId :

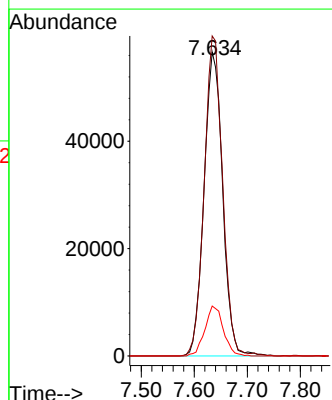
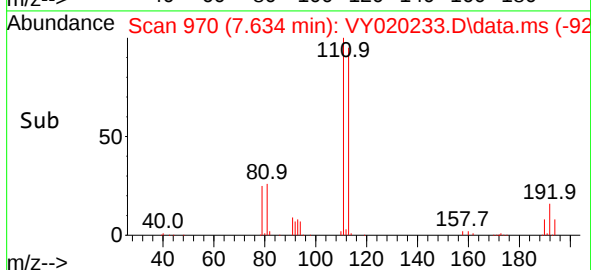
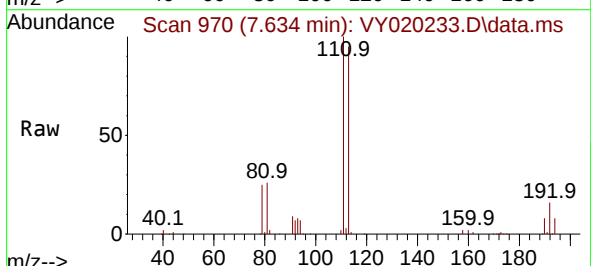


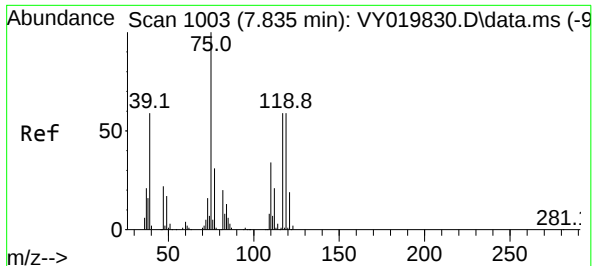
Tgt Ion:114 Resp: 415302
Ion Ratio Lower Upper
114 100
63 24.1 0.0 35.0
88 16.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.300 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020233.D
Acq: 08 Nov 2024 15:12

Tgt Ion:113 Resp: 138097
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 16.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.070 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

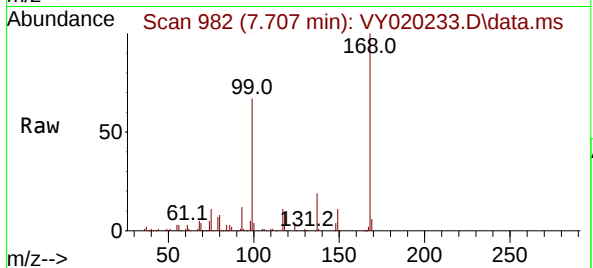
Lab File: VY020233.D

Acq: 08 Nov 2024 15:12

Instrument :

MSVOA_Y

ClientSampleId :



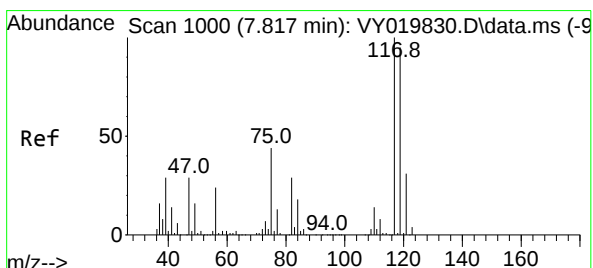
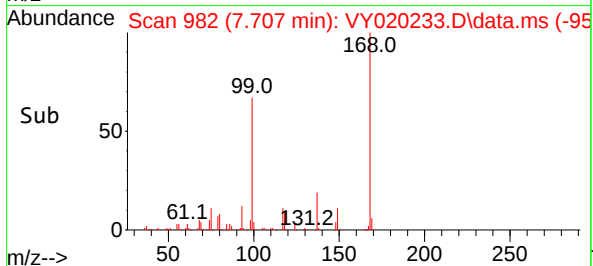
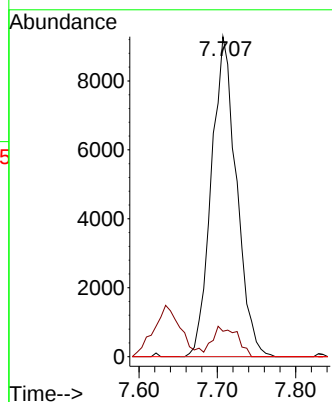
Tgt Ion: 75 Resp: 20680

Ion Ratio Lower Upper

75 100

110 9.2 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.526 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.104 min

Lab File: VY020233.D

Acq: 08 Nov 2024 15:12

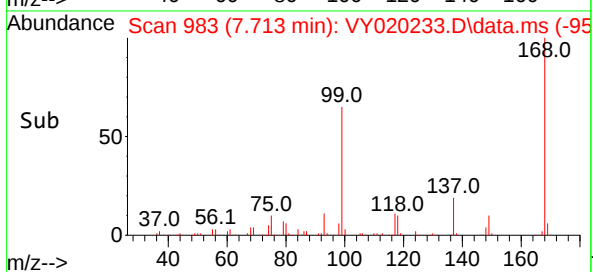
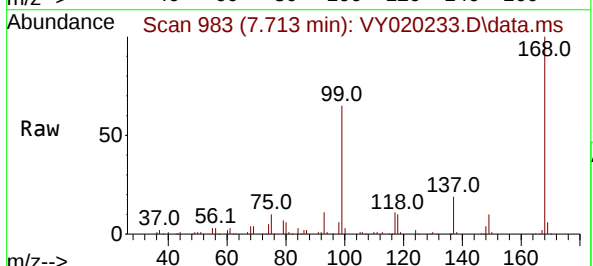
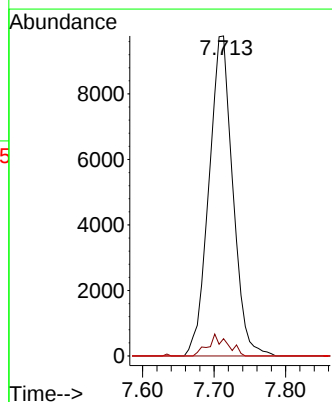
Tgt Ion: 117 Resp: 22668

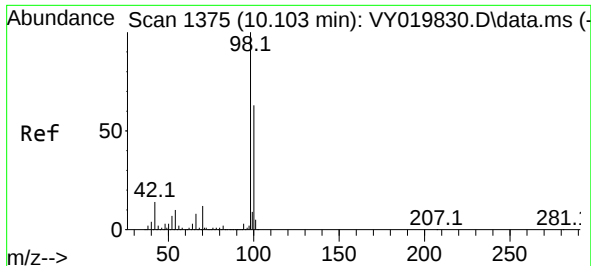
Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.6#

121 0.0 24.0 36.0#

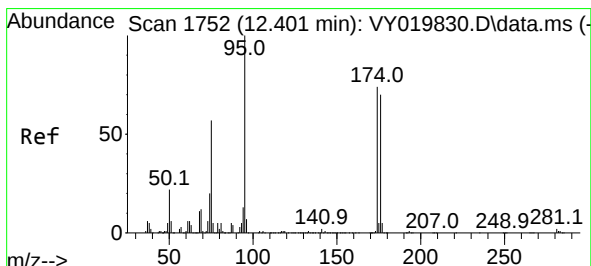
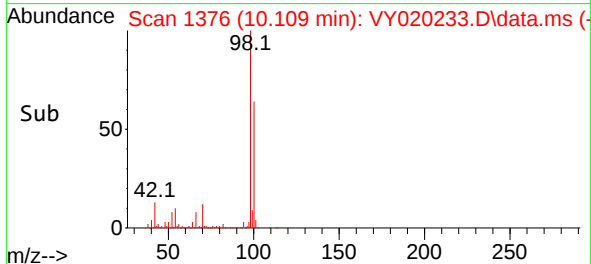
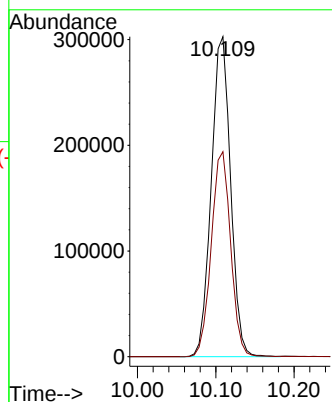
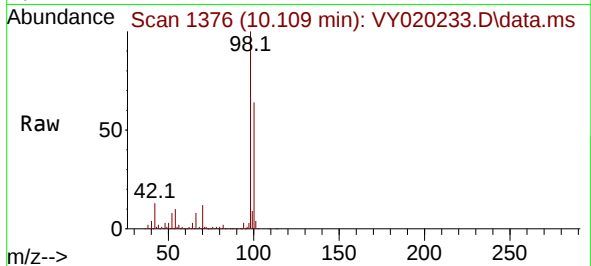




#50
Toluene-d8
Concen: 49.311 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020233.D
Acq: 08 Nov 2024 15:12

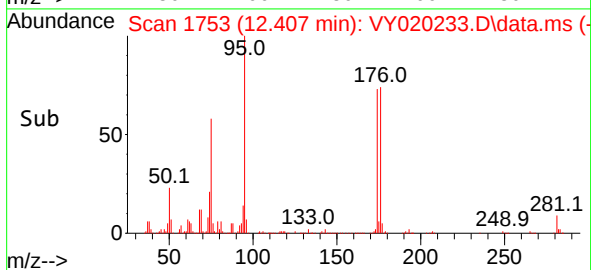
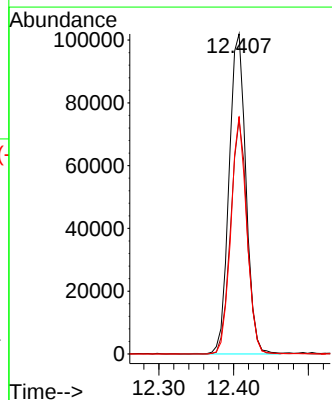
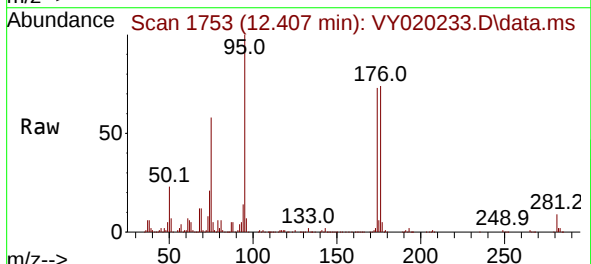
Instrument :
MSVOA_Y
ClientSampleId :

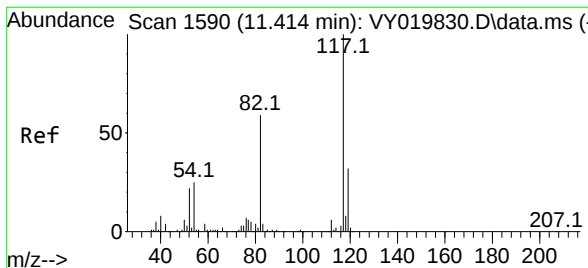
Tgt Ion: 98 Resp: 518276
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.962 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020233.D
Acq: 08 Nov 2024 15:12

Tgt Ion: 95 Resp: 160323
Ion Ratio Lower Upper
95 100
174 71.6 0.0 175.6
176 69.6 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: VY020233.D

Acq: 08 Nov 2024 15:12

Instrument :

MSVOA_Y

ClientSampleId :

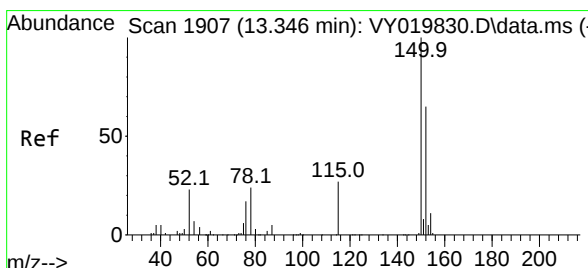
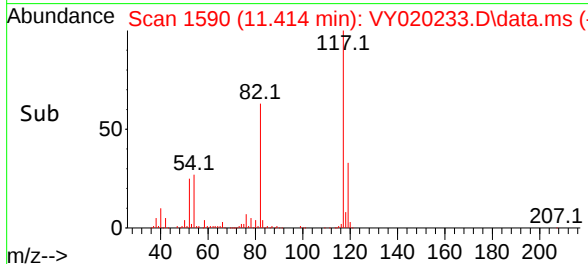
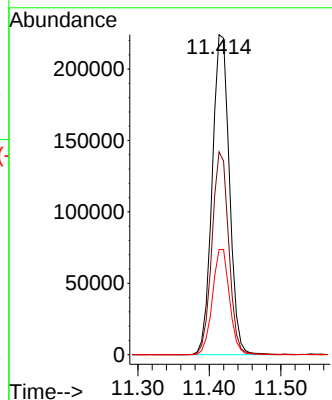
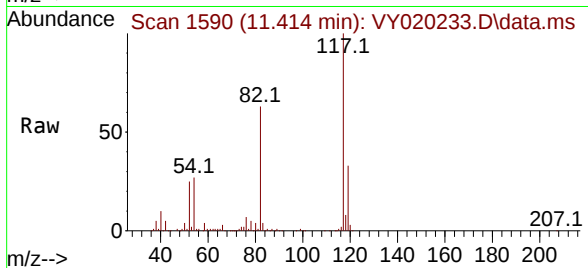
Tgt Ion:117 Resp: 374550

Ion Ratio Lower Upper

117 100

82 63.4 42.4 63.6

119 32.9 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: VY020233.D

Acq: 08 Nov 2024 15:12

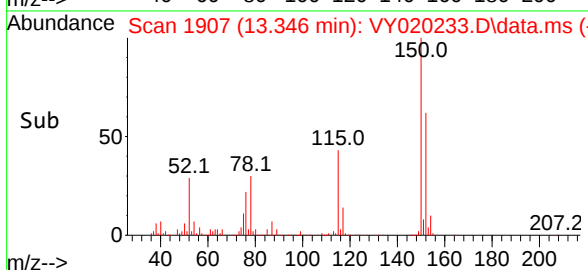
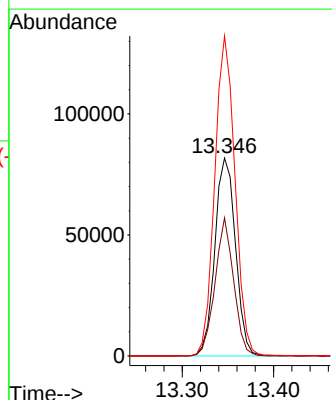
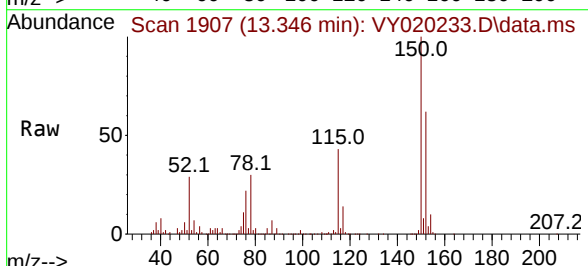
Tgt Ion:152 Resp: 128433

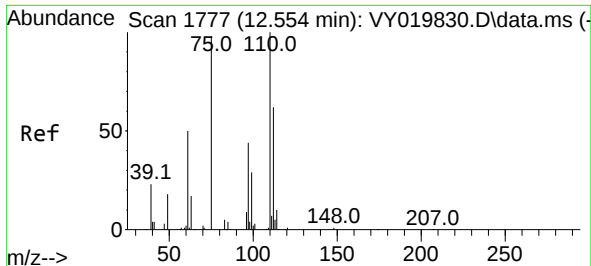
Ion Ratio Lower Upper

152 100

115 63.2 28.2 84.7

150 158.7 0.0 345.6

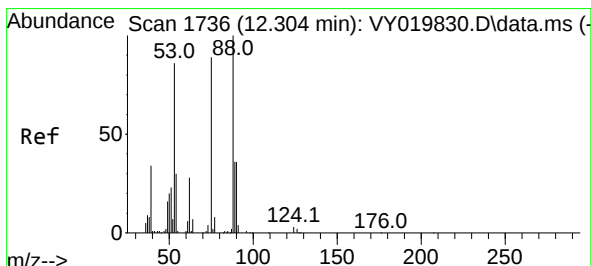
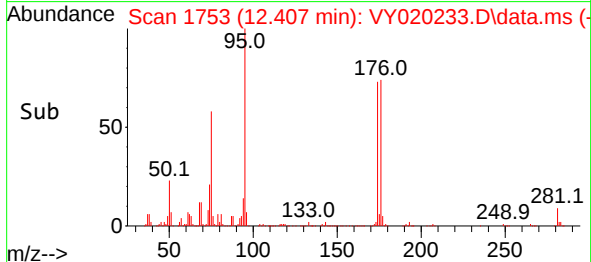
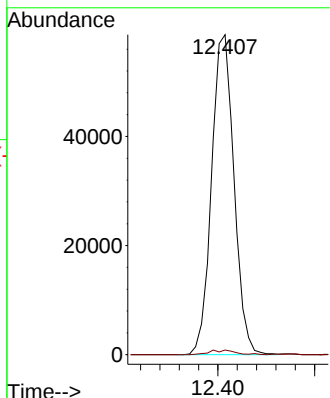
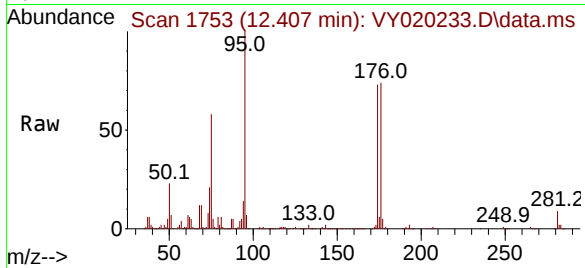




#76
1,2,3-Trichloropropane
Concen: 78.415 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020233.D
Acq: 08 Nov 2024 15:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 94406
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 168.668 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020233.D
Acq: 08 Nov 2024 15:12

Tgt Ion: 75 Resp: 94406
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.3 35.8 53.6#

