

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013925.D
 Acq On : 30 May 2023 17:29
 Operator : KP/MD
 Sample : 02852-11
 Misc : 6.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-55.5-051823

Quant Time: May 31 03:27:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

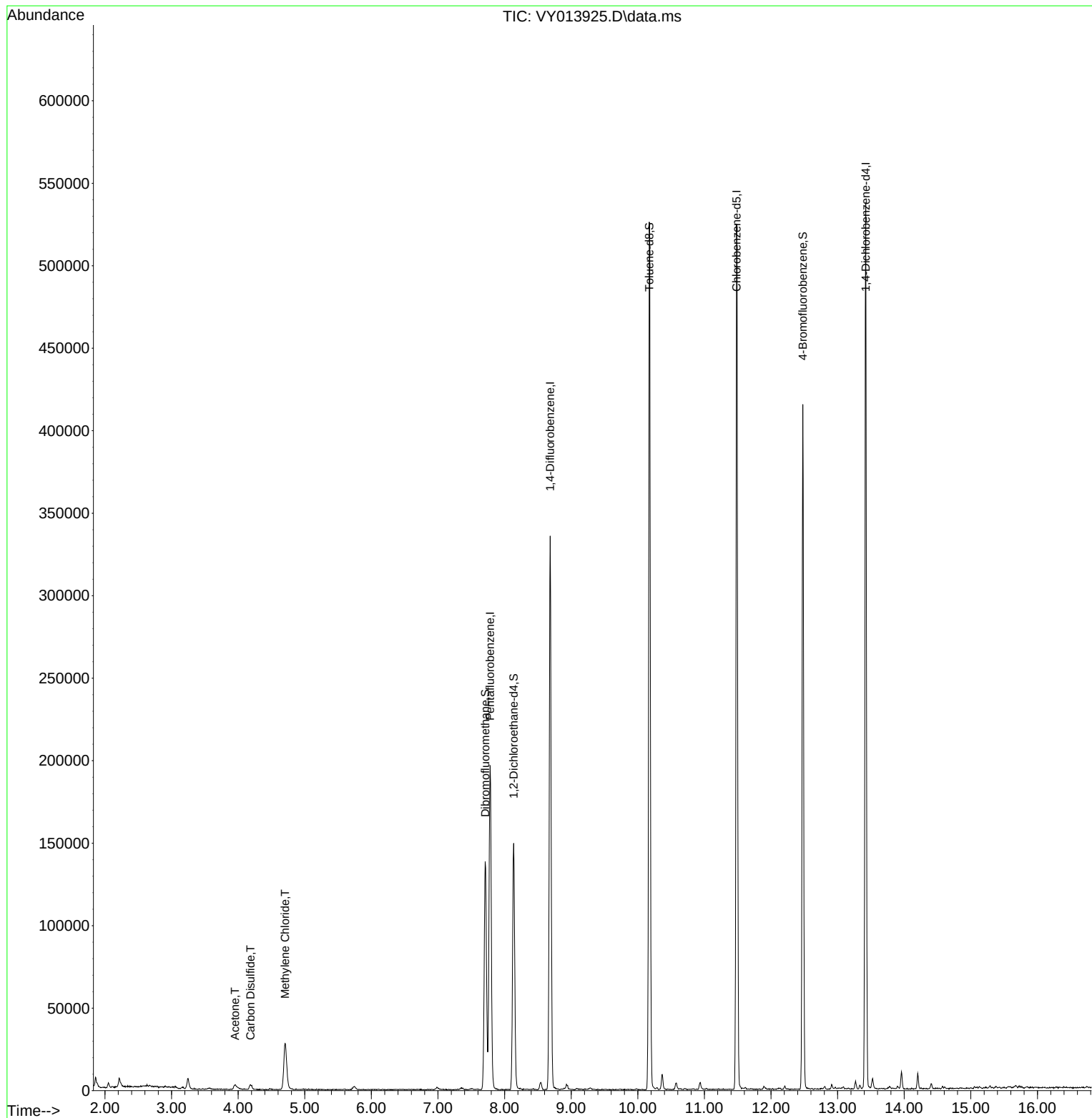
Internal Standards						
1) Pentafluorobenzene	7.783	168	157575	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	273827	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.483	117	278796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	122749	67.334	ug/l	-0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	= 134.660%		
35) Dibromofluoromethane	7.710	113	95002	53.722	ug/l	-0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	= 107.440%		
50) Toluene-d8	10.173	98	338472	50.360	ug/l	-0.01
Spiked Amount	50.000	Range 58 - 134	Recovery	= 100.720%		
62) 4-Bromofluorobenzene	12.477	95	112928	50.548	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 101.100%		
Target Compounds						
						Qvalue
16) Acetone	3.954	43	6313	11.668	ug/l	97
17) Carbon Disulfide	4.186	76	6179	1.343	ug/l	95
20) Methylene Chloride	4.704	84	20439	8.548	ug/l	98

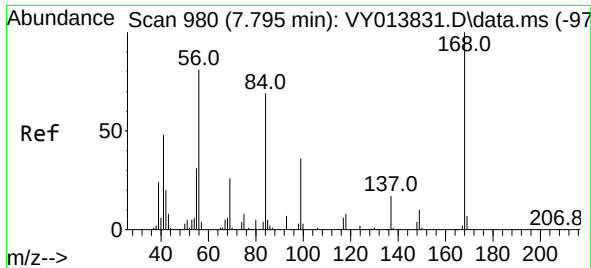
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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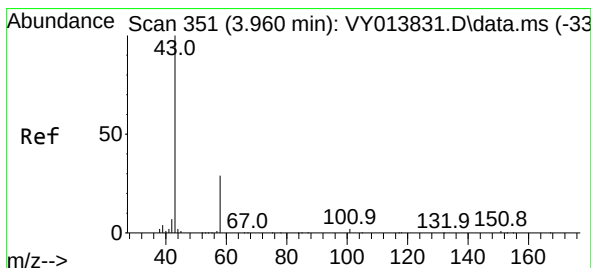
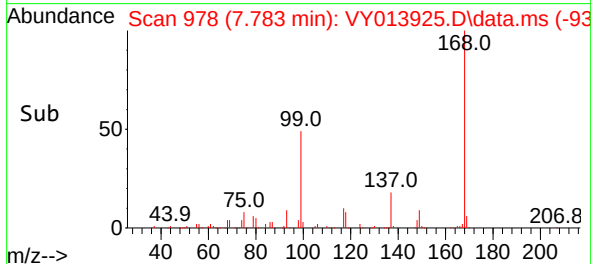
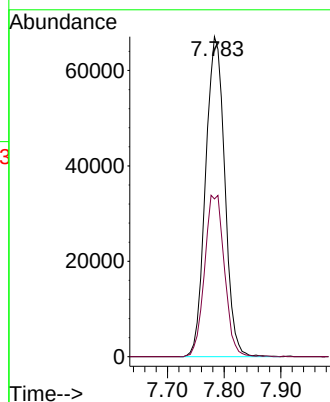
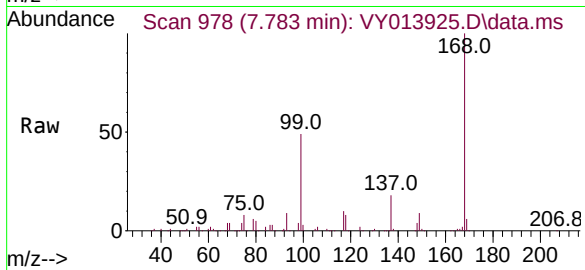




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013925.D
Acq: 30 May 2023 17:29

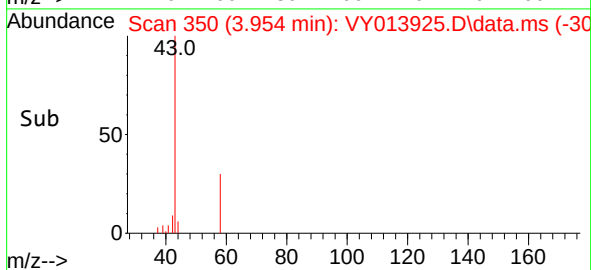
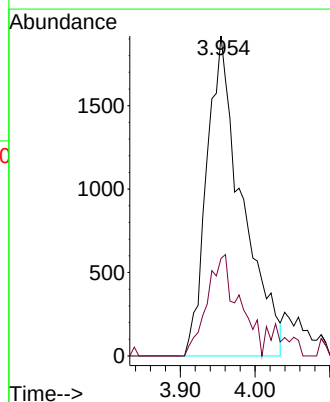
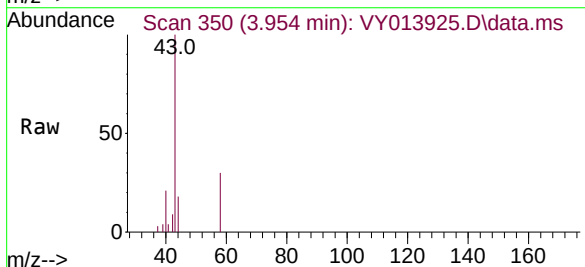
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-55.5-051823

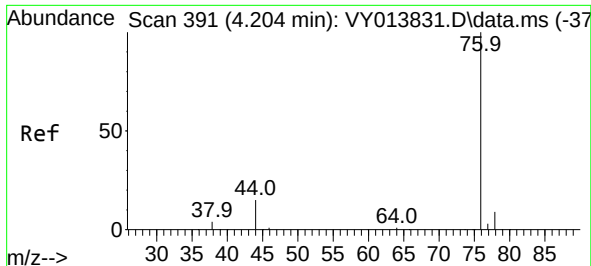
Tgt Ion:168 Resp: 157575
Ion Ratio Lower Upper
168 100
99 49.3 43.4 65.2



#16
Acetone
Concen: 11.668 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013925.D
Acq: 30 May 2023 17:29

Tgt Ion: 43 Resp: 6313
Ion Ratio Lower Upper
43 100
58 30.4 23.3 34.9

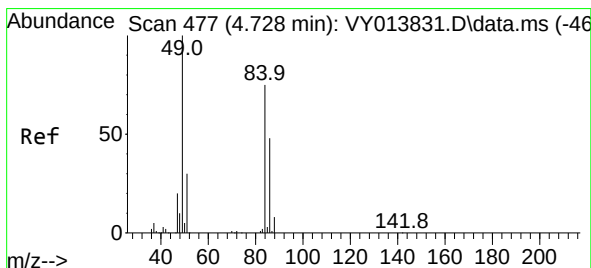
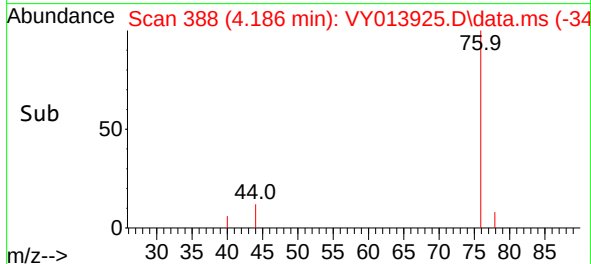
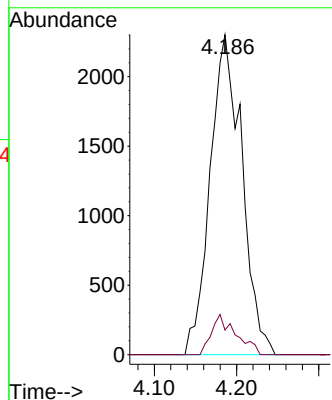
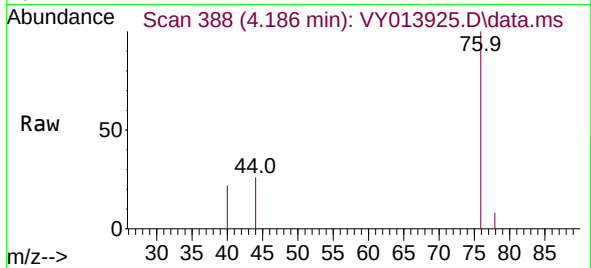




#17
Carbon Disulfide
Concen: 1.343 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY013925.D
Acq: 30 May 2023 17:29

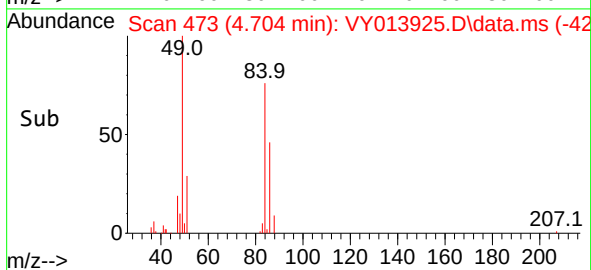
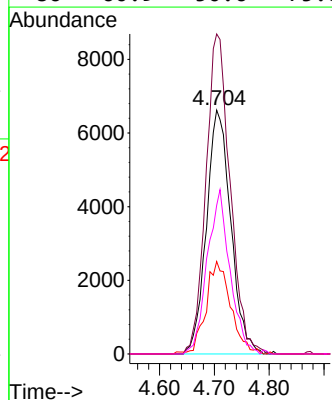
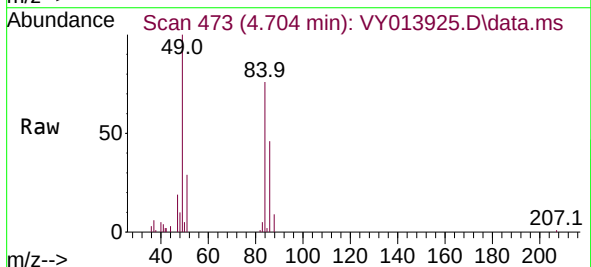
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-55.5-051823

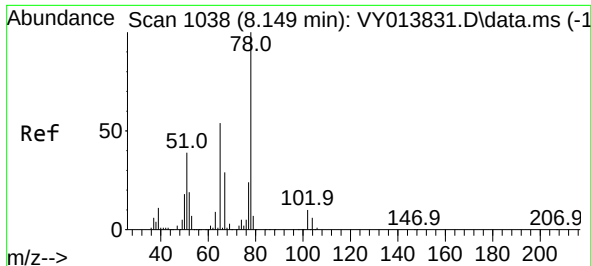
Tgt Ion: 76 Resp: 6179
Ion Ratio Lower Upper
76 100
78 7.7 7.5 11.3



#20
Methylene Chloride
Concen: 8.548 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.024 min
Lab File: VY013925.D
Acq: 30 May 2023 17:29

Tgt Ion: 84 Resp: 20439
Ion Ratio Lower Upper
84 100
49 131.2 106.2 159.2
51 37.9 31.4 47.0
86 60.9 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 67.334 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY013925.D

Acq: 30 May 2023 17:29

Instrument :

MSVOA_Y

ClientSampleId :

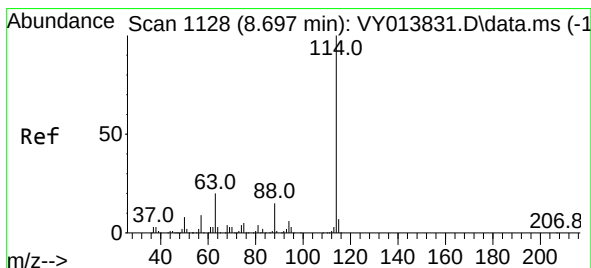
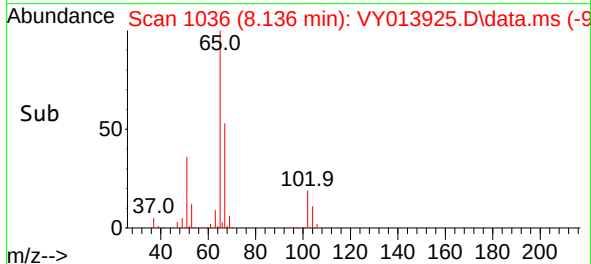
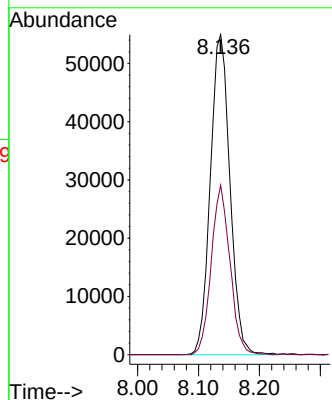
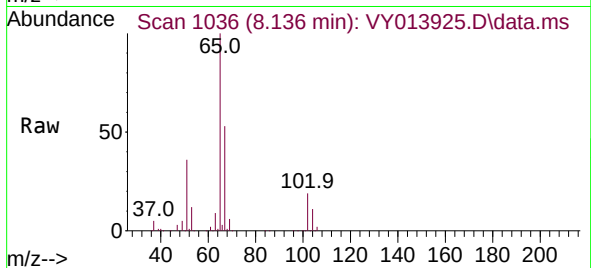
CB-32-G3-SO-55.5-051823

Tgt Ion: 65 Resp: 122749

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013925.D

Acq: 30 May 2023 17:29

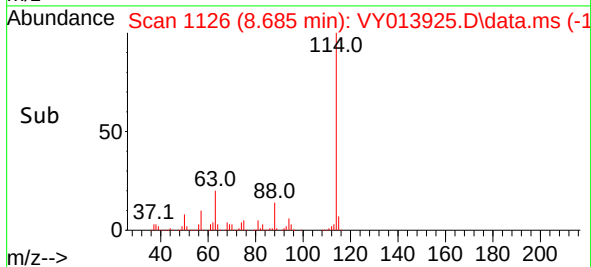
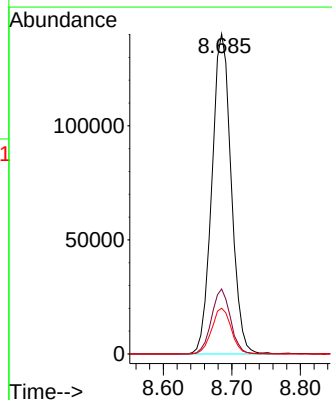
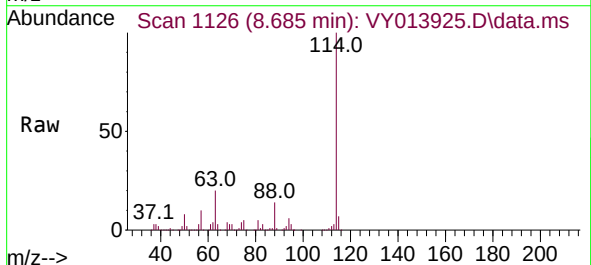
Tgt Ion: 114 Resp: 273827

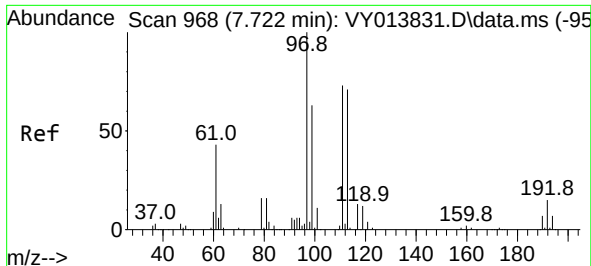
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

88 14.3 0.0 30.0

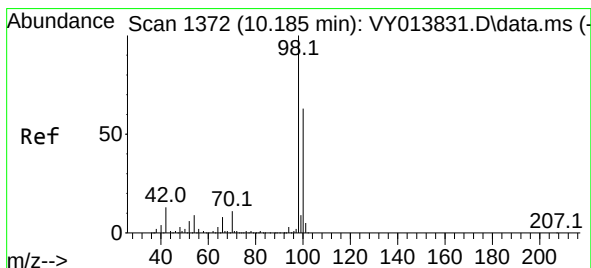
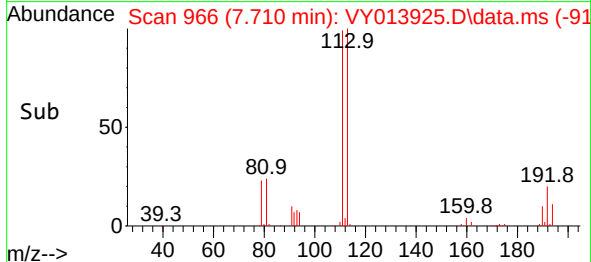
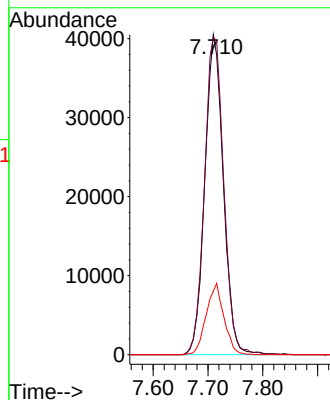
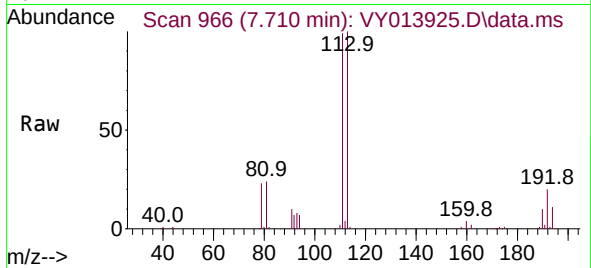




#35
Dibromofluoromethane
Concen: 53.722 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013925.D
Acq: 30 May 2023 17:29

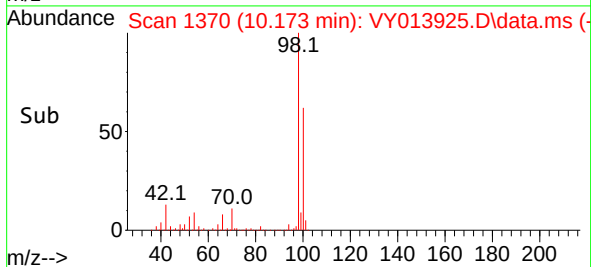
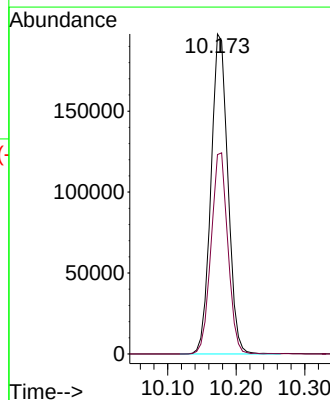
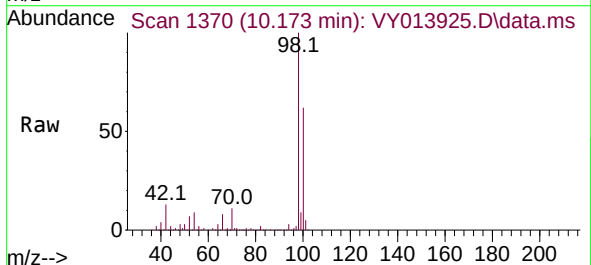
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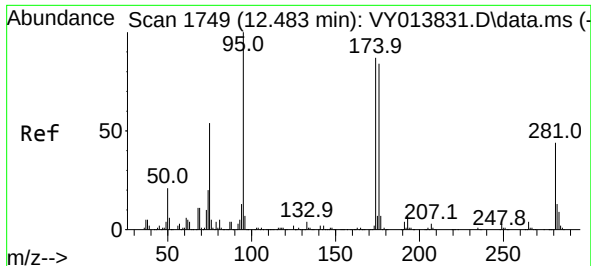
Tgt Ion:113 Resp: 95002
Ion Ratio Lower Upper
113 100
111 103.2 80.4 120.6
192 21.3 16.6 25.0



#50
Toluene-d8
Concen: 50.360 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.012 min
Lab File: VY013925.D
Acq: 30 May 2023 17:29

Tgt Ion: 98 Resp: 338472
Ion Ratio Lower Upper
98 100
100 62.3 50.8 76.2

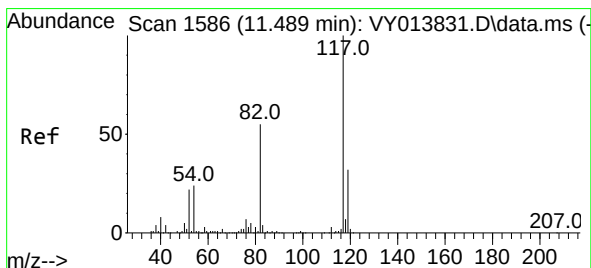
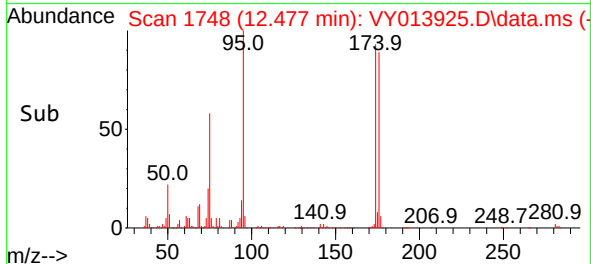
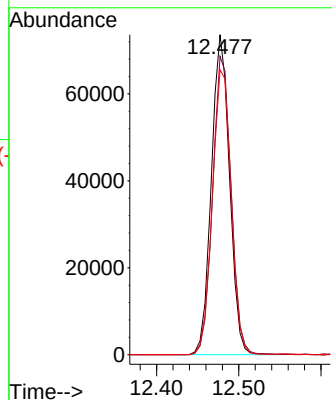
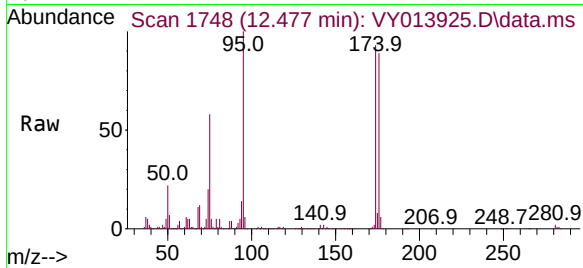




#62
4-Bromofluorobenzene
Concen: 50.548 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013925.D
Acq: 30 May 2023 17:29

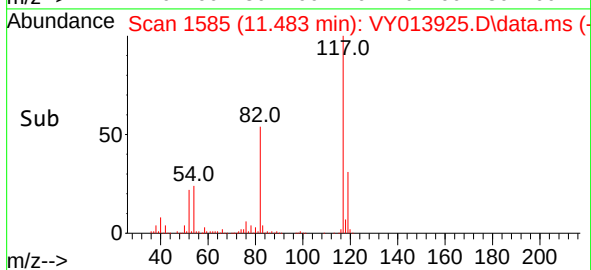
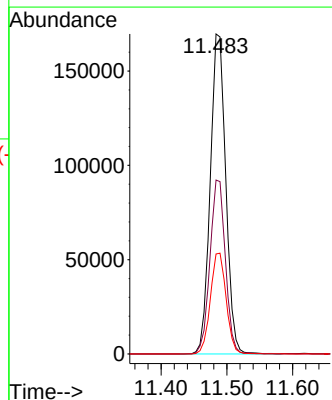
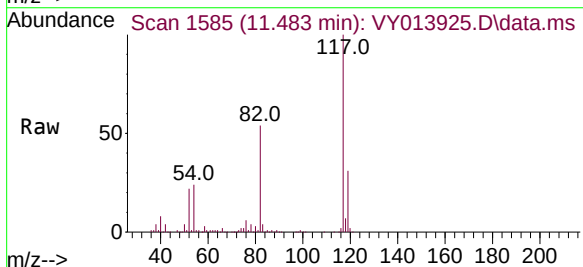
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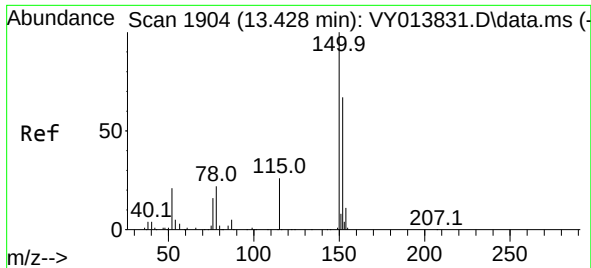
Tgt Ion: 95 Resp: 112928
Ion Ratio Lower Upper
95 100
174 94.8 0.0 176.0
176 92.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013925.D
Acq: 30 May 2023 17:29

Tgt Ion: 117 Resp: 278796
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.4
119 31.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013925.D

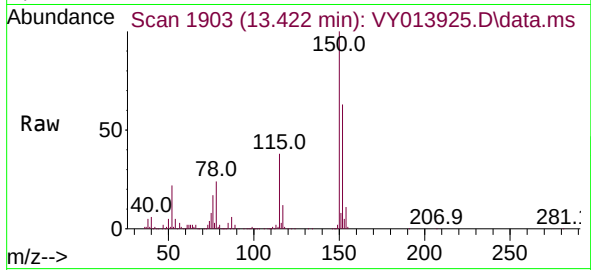
Acq: 30 May 2023 17:29

Instrument :

MSVOA_Y

ClientSampleId :

CB-32-G3-SO-55.5-051823



Tgt Ion:152 Resp: 130997

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 156.0 0.0 353.4

