

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017261.D
 Acq On : 06 Feb 2024 13:51
 Operator : SY/MD
 Sample : P1318-01RE
 Misc : 8.95g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CO-11-GRID-1RE

Quant Time: Feb 07 00:08:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

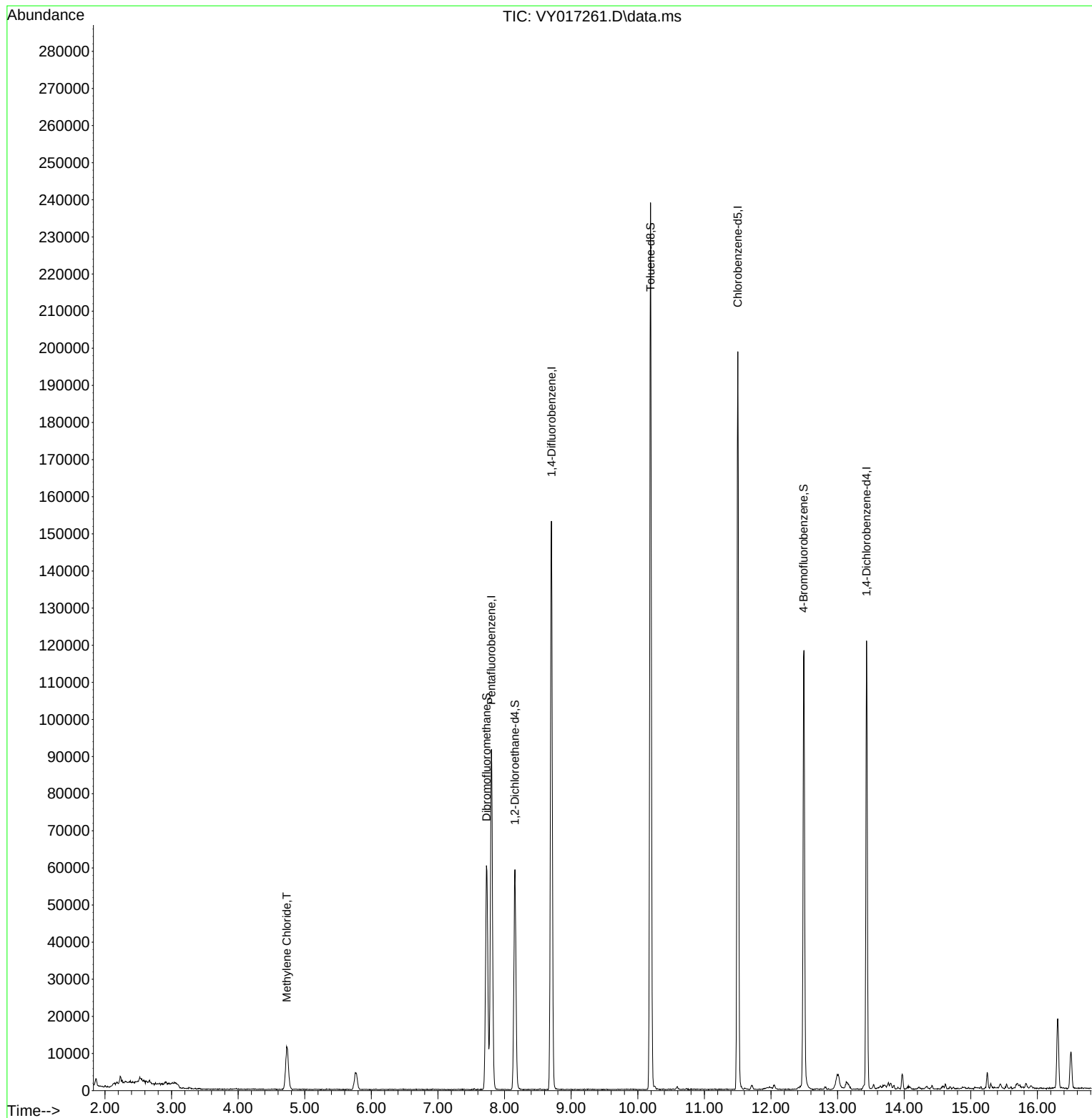
Internal Standards						
1) Pentafluorobenzene	7.801	168	68349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	129590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	104623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	29388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	44079	72.191	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.380%
35) Dibromofluoromethane	7.728	113	43783	62.574	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.140%
50) Toluene-d8	10.191	98	149801	58.802	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.600%
62) 4-Bromofluorobenzene	12.489	95	35614	42.675	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.360%
Target Compounds						
20) Methylene Chloride	4.729	84	8321	8.407	ug/l	95

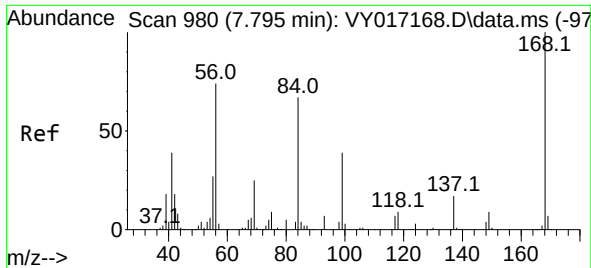
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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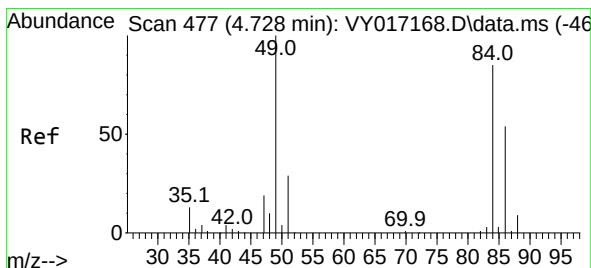
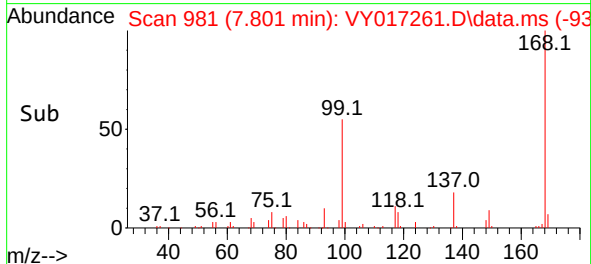
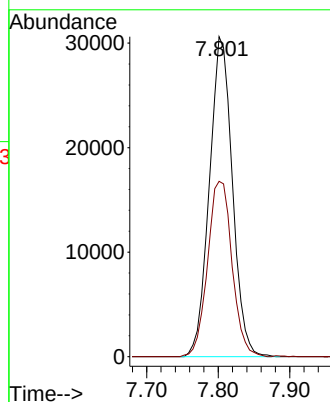
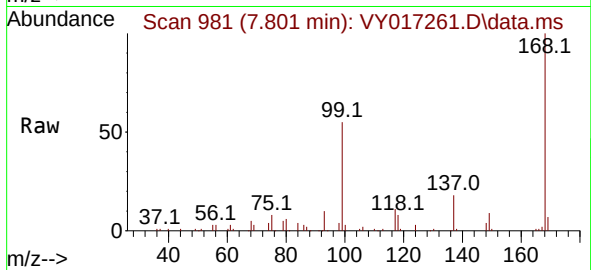




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017261.D
Acq: 06 Feb 2024 13:51

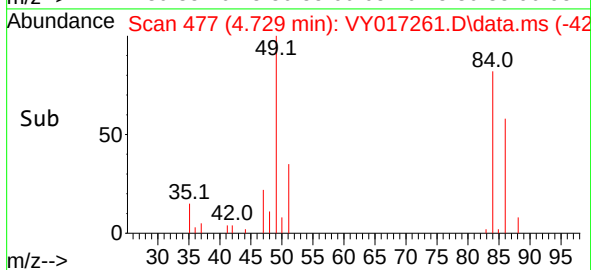
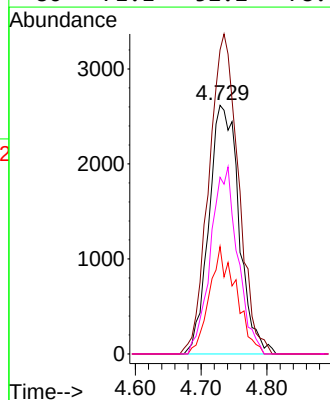
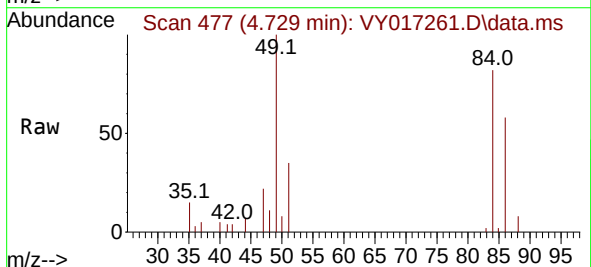
Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-1RE

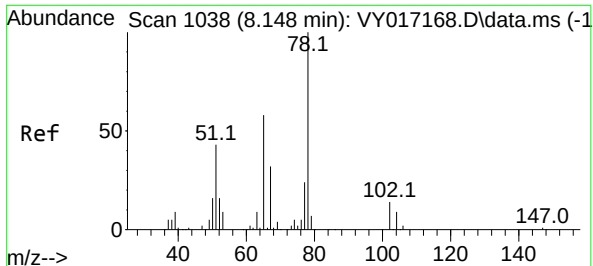
Tgt Ion:168 Resp: 68349
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#20
Methylene Chloride
Concen: 8.407 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY017261.D
Acq: 06 Feb 2024 13:51

Tgt Ion: 84 Resp: 8321
Ion Ratio Lower Upper
84 100
49 122.3 95.2 142.8
51 43.2 29.9 44.9
86 71.1 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 72.191 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. 0.007 min

Lab File: VY017261.D

Acq: 06 Feb 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

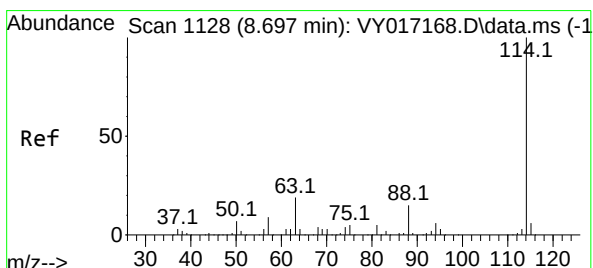
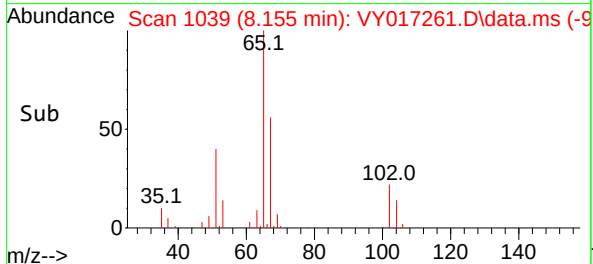
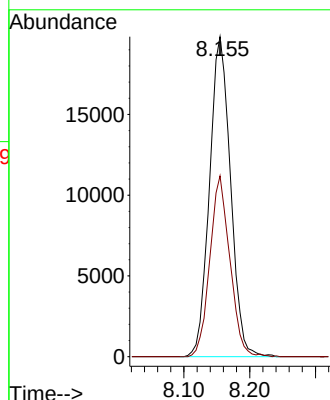
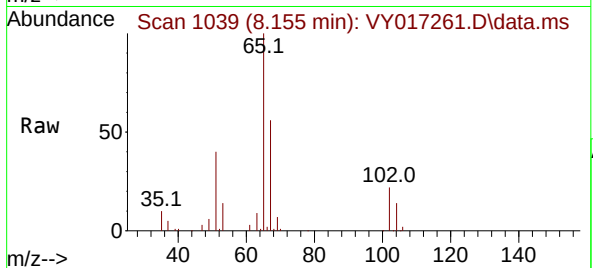
CO-11-GRID-1RE

Tgt Ion: 65 Resp: 44079

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY017261.D

Acq: 06 Feb 2024 13:51

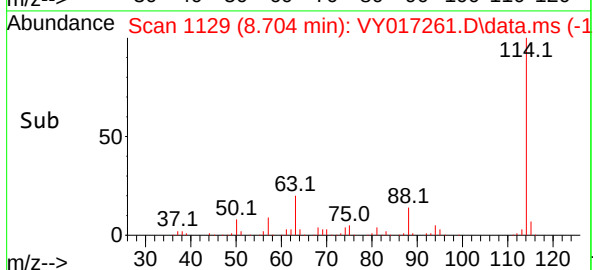
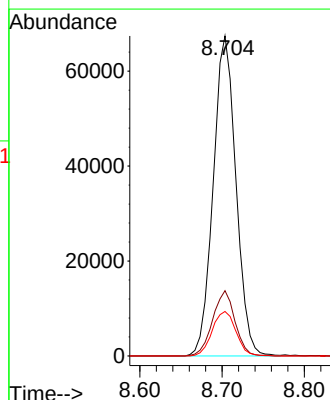
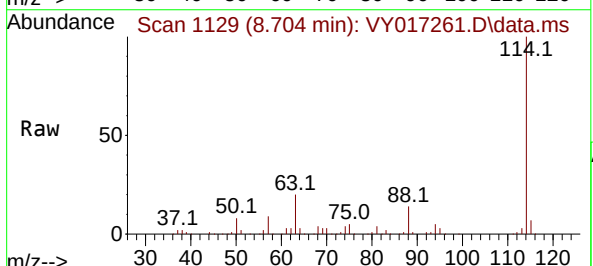
Tgt Ion: 114 Resp: 129590

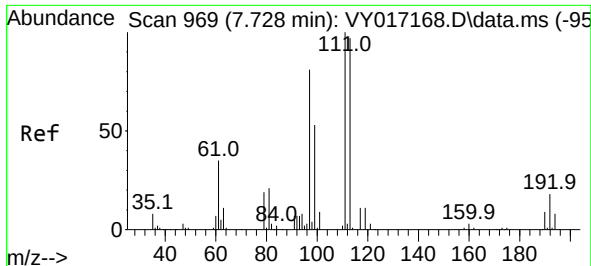
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 13.9 0.0 29.0

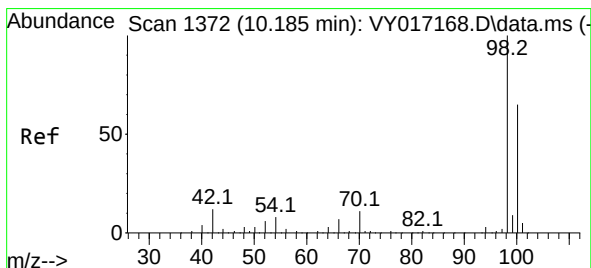
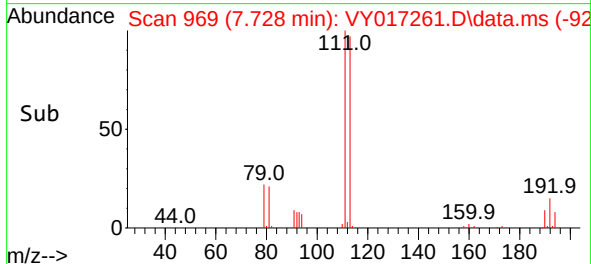
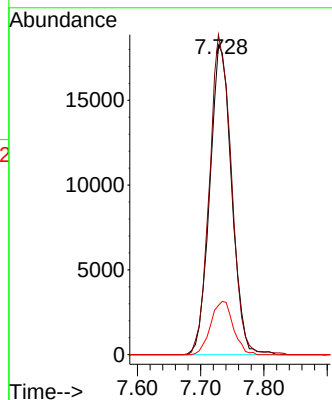
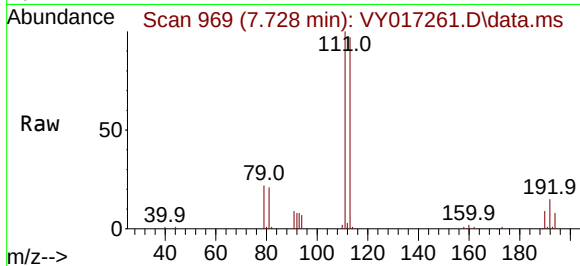




#35
Dibromofluoromethane
Concen: 62.574 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017261.D
Acq: 06 Feb 2024 13:51

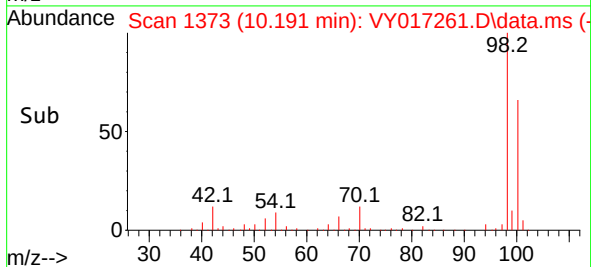
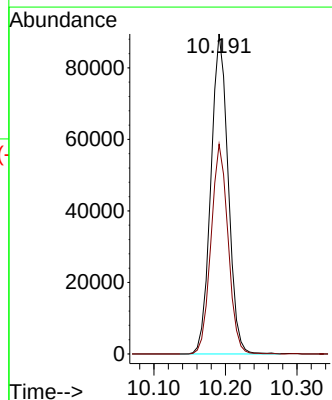
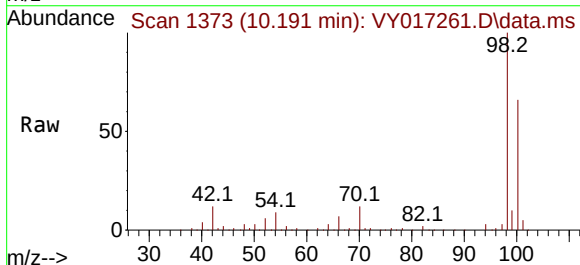
Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-1RE

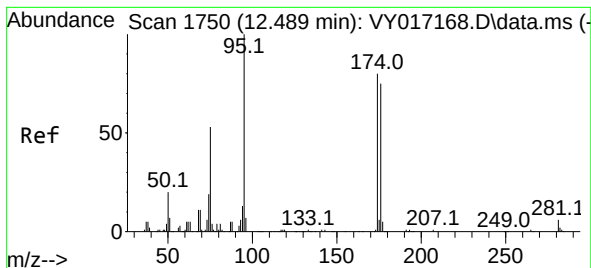
Tgt Ion:113 Resp: 43783
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 17.8 14.5 21.7



#50
Toluene-d8
Concen: 58.802 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.007 min
Lab File: VY017261.D
Acq: 06 Feb 2024 13:51

Tgt Ion: 98 Resp: 149801
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5

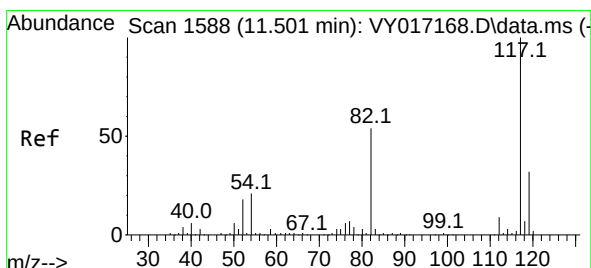
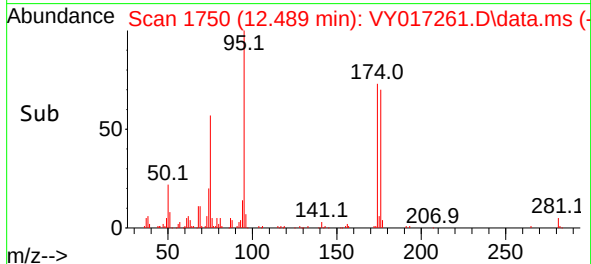
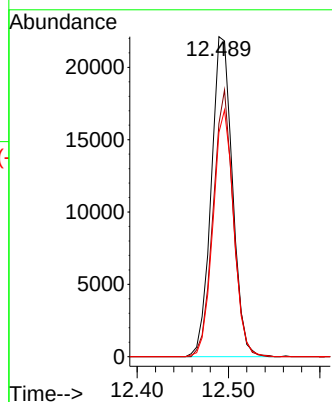
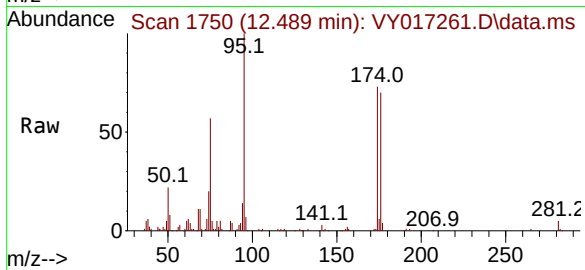




#62
4-Bromofluorobenzene
Concen: 42.675 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017261.D
Acq: 06 Feb 2024 13:51

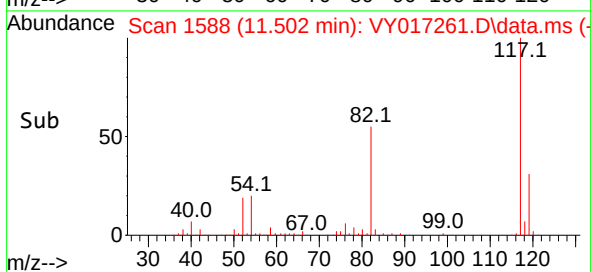
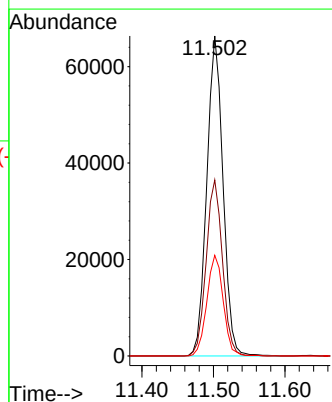
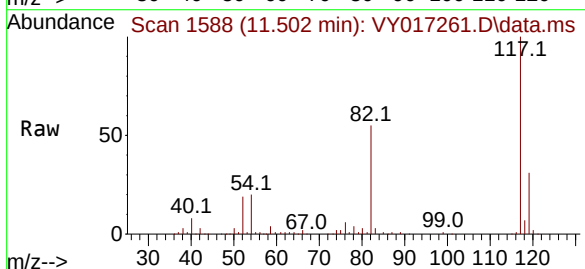
Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-1RE

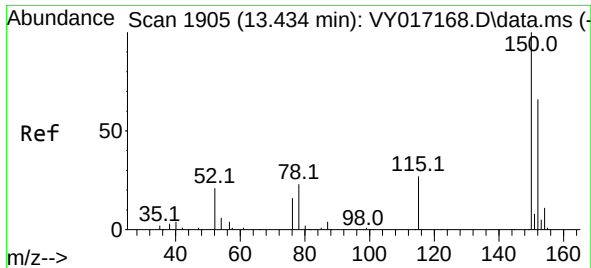
Tgt Ion: 95 Resp: 35614
Ion Ratio Lower Upper
95 100
174 78.9 0.0 160.0
176 75.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017261.D
Acq: 06 Feb 2024 13:51

Tgt Ion: 117 Resp: 104623
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.8
119 31.4 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017261.D

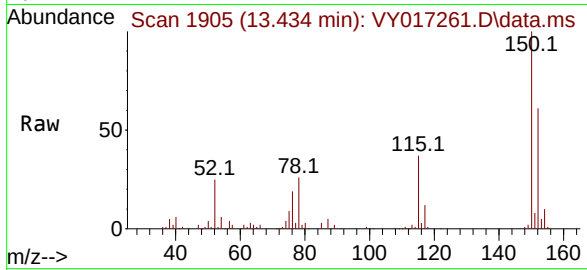
Acq: 06 Feb 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

CO-11-GRID-1RE



Tgt Ion:152 Resp: 29388

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 160.4 0.0 344.6

