

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007045.D
 Acq On : 06 Jan 2022 20:13
 Operator : SY/MD
 Sample : N1051-04
 Misc : 7.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-(2.5-3)

Quant Time: Jan 07 11:49:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

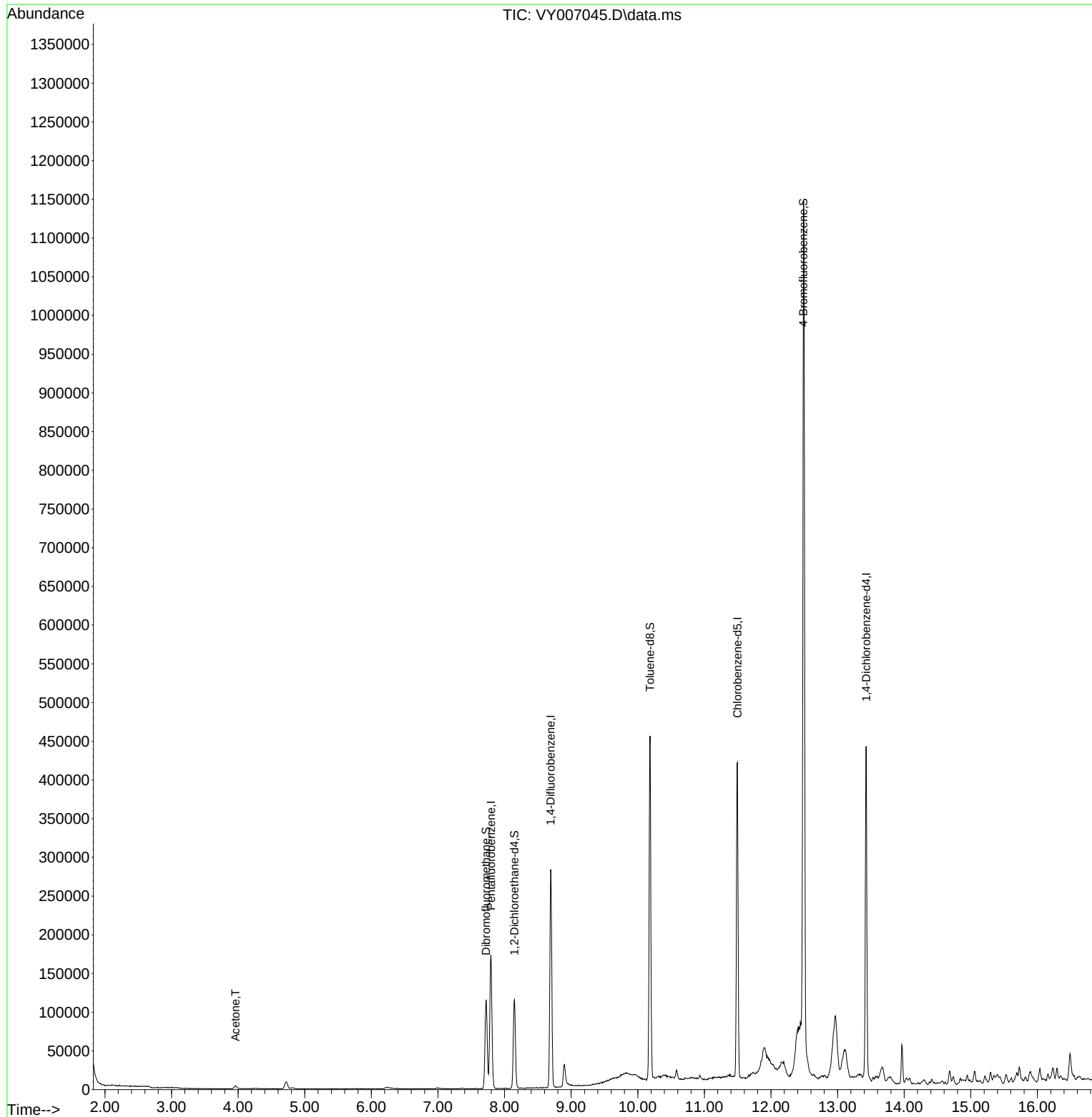
Internal Standards						
1) Pentafluorobenzene	7.795	168	128152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	228404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92532	61.169	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.340%	
35) Dibromofluoromethane	7.722	113	81831	51.412	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.820%	
50) Toluene-d8	10.185	98	296547	50.145	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.300%	
62) 4-Bromofluorobenzene	12.483	95	113394	50.914	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.820%	
Target Compounds						
16) Acetone	3.961	43	7650	22.954	ug/l	Qvalue 98

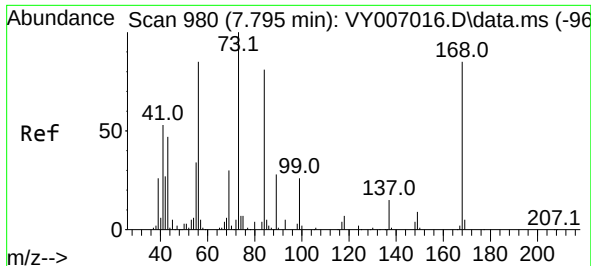
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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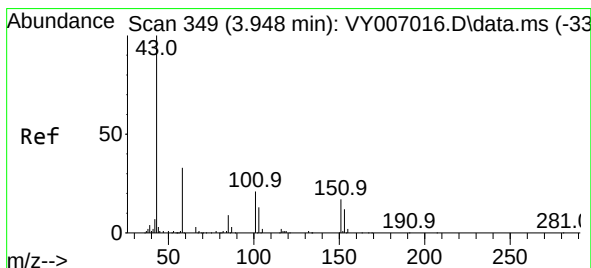
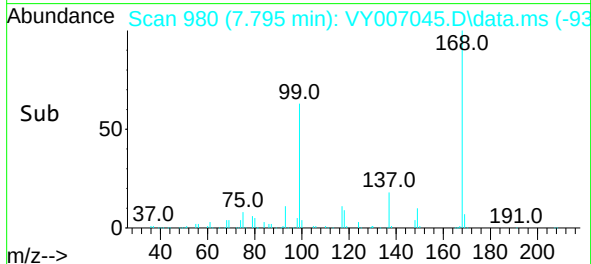
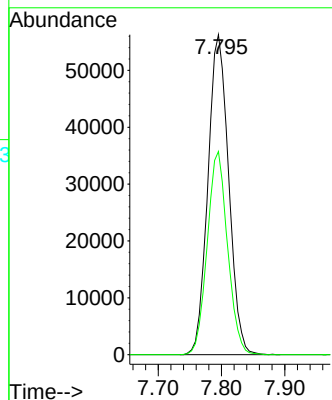
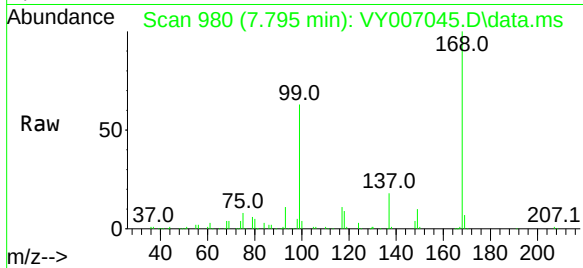




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007045.D
Acq: 06 Jan 2022 20:13

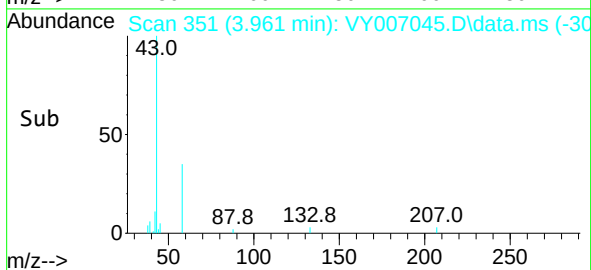
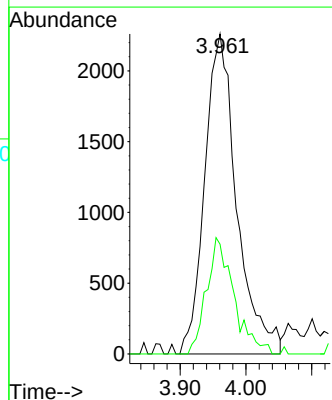
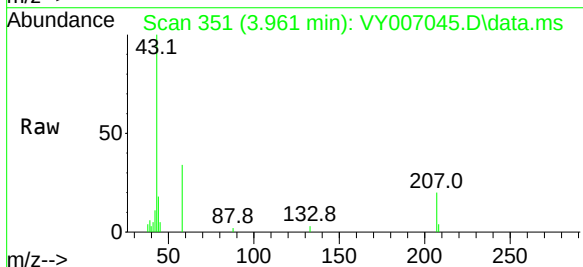
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-(2.5-3)

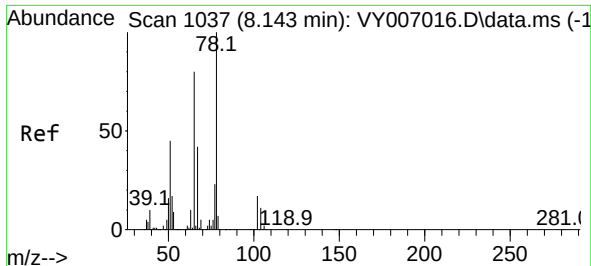
Tgt Ion:168 Resp: 128152
Ion Ratio Lower Upper
168 100
99 63.5 48.9 73.3



#16
Acetone
Concen: 22.954 ug/l
RT: 3.961 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY007045.D
Acq: 06 Jan 2022 20:13

Tgt Ion: 43 Resp: 7650
Ion Ratio Lower Upper
43 100
58 34.3 26.3 39.5





#33

1,2-Dichloroethane-d4

Concen: 61.169 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY007045.D

Acq: 06 Jan 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

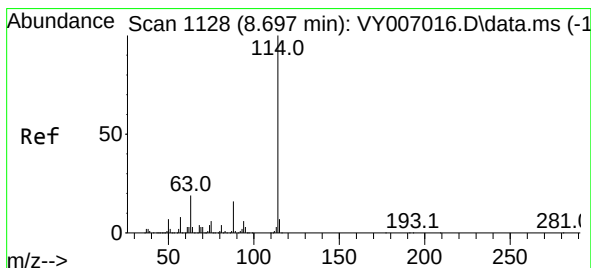
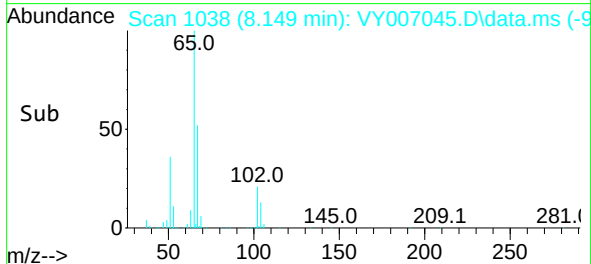
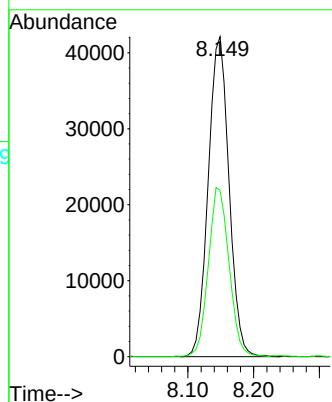
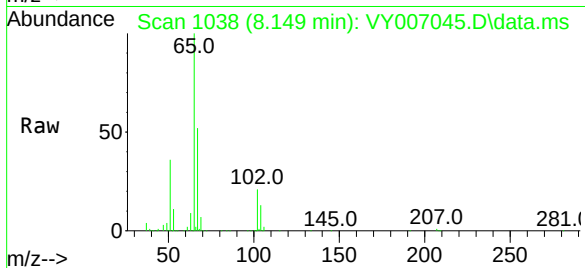
SB-4-(2.5-3)

Tgt Ion: 65 Resp: 92532

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007045.D

Acq: 06 Jan 2022 20:13

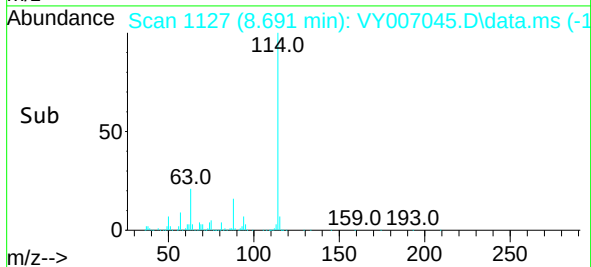
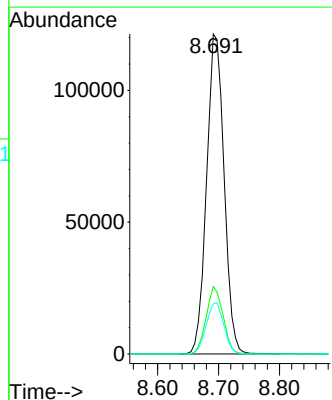
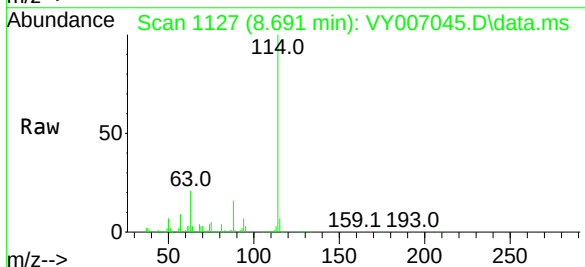
Tgt Ion: 114 Resp: 242137

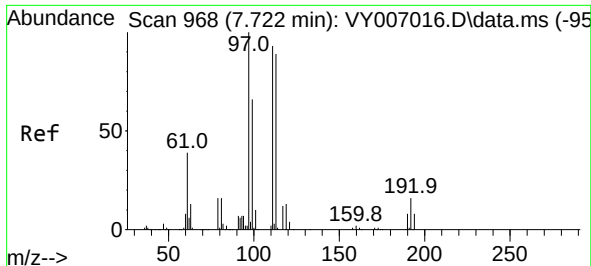
Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.6

88 15.6 0.0 31.8

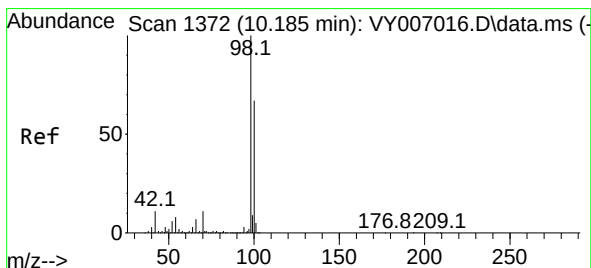
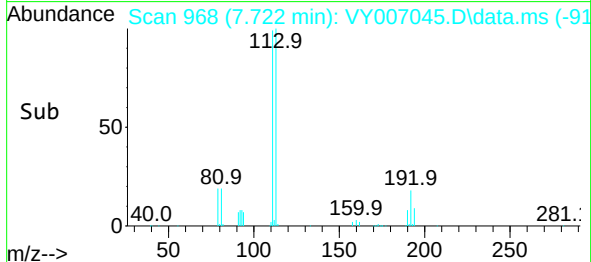
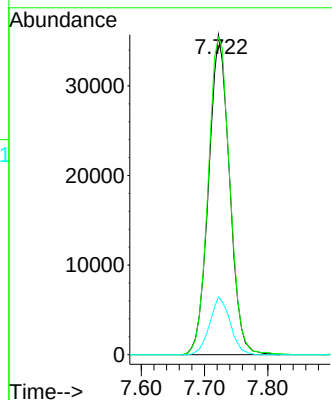
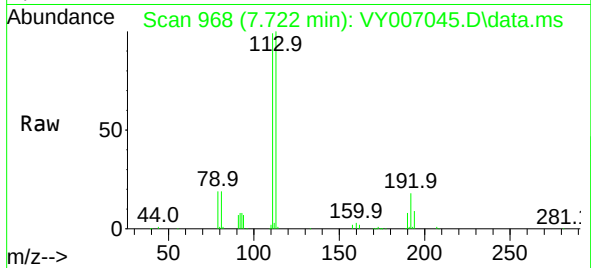




#35
Dibromofluoromethane
Concen: 51.412 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007045.D
Acq: 06 Jan 2022 20:13

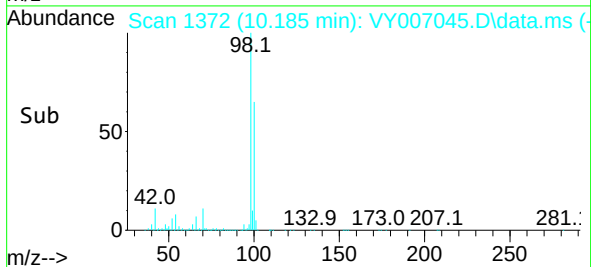
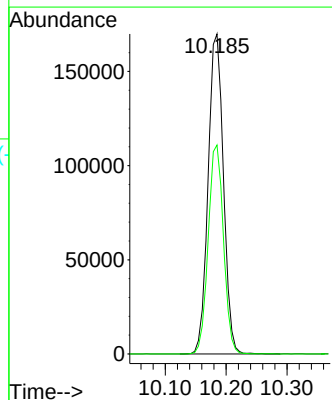
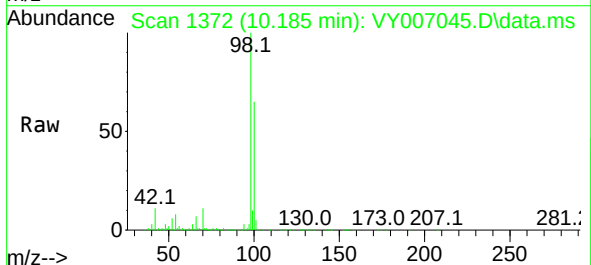
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-(2.5-3)

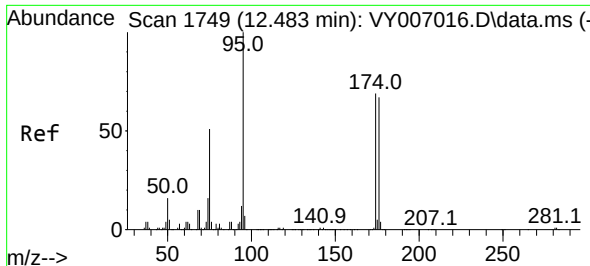
Tgt Ion:113 Resp: 81831
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 17.7 14.6 21.8



#50
Toluene-d8
Concen: 50.145 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007045.D
Acq: 06 Jan 2022 20:13

Tgt Ion: 98 Resp: 296547
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2

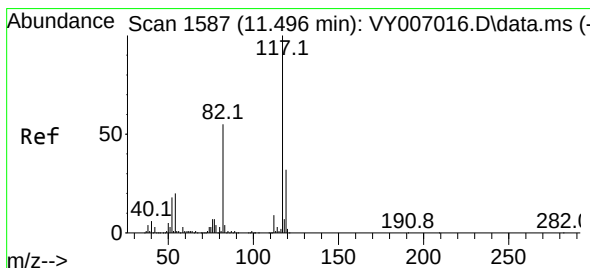
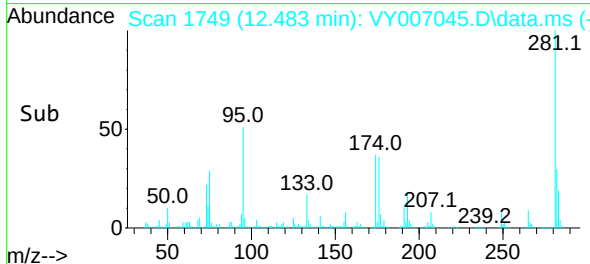
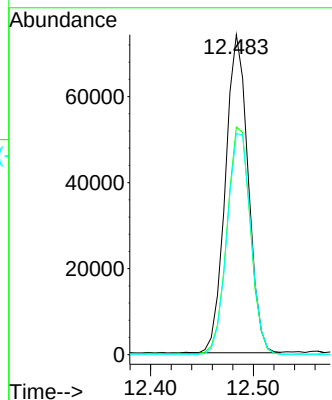
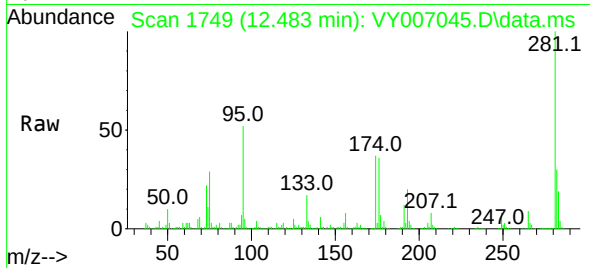




#62
4-Bromofluorobenzene
Concen: 50.914 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007045.D
Acq: 06 Jan 2022 20:13

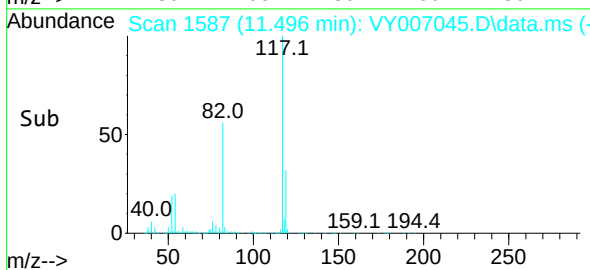
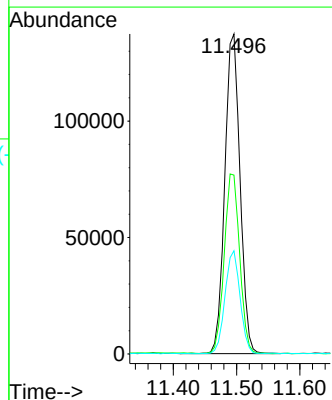
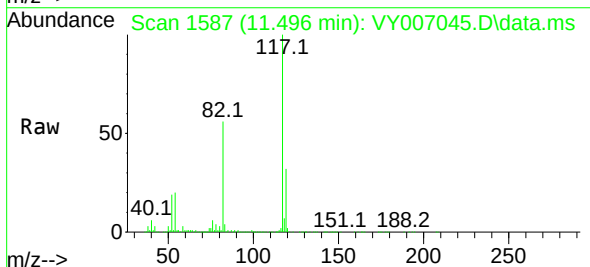
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-(2.5-3)

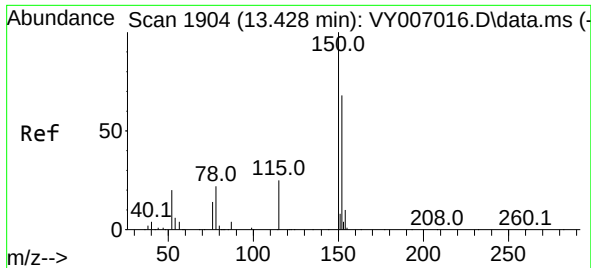
Tgt Ion: 95 Resp: 113394
Ion Ratio Lower Upper
95 100
174 73.5 0.0 144.6
176 73.0 0.0 141.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007045.D
Acq: 06 Jan 2022 20:13

Tgt Ion: 117 Resp: 228404
Ion Ratio Lower Upper
117 100
82 55.8 44.1 66.1
119 32.2 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007045.D

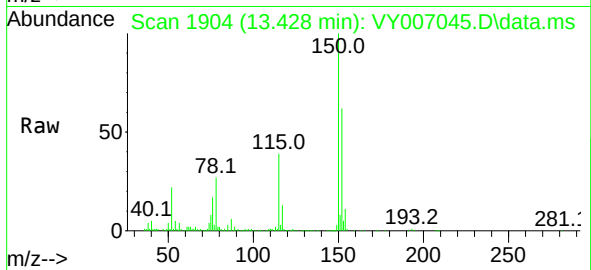
Acq: 06 Jan 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

SB-4-(2.5-3)



Tgt Ion:152 Resp: 102243

Ion Ratio Lower Upper

152 100

115 63.3 31.9 95.5

150 158.8 0.0 358.0

