

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041922\
 Data File : VY008397.D
 Acq On : 19 Apr 2022 15:43
 Operator : KP/MD
 Sample : N2427-05
 Misc : 5.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

Quant Time: Apr 20 06:29:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

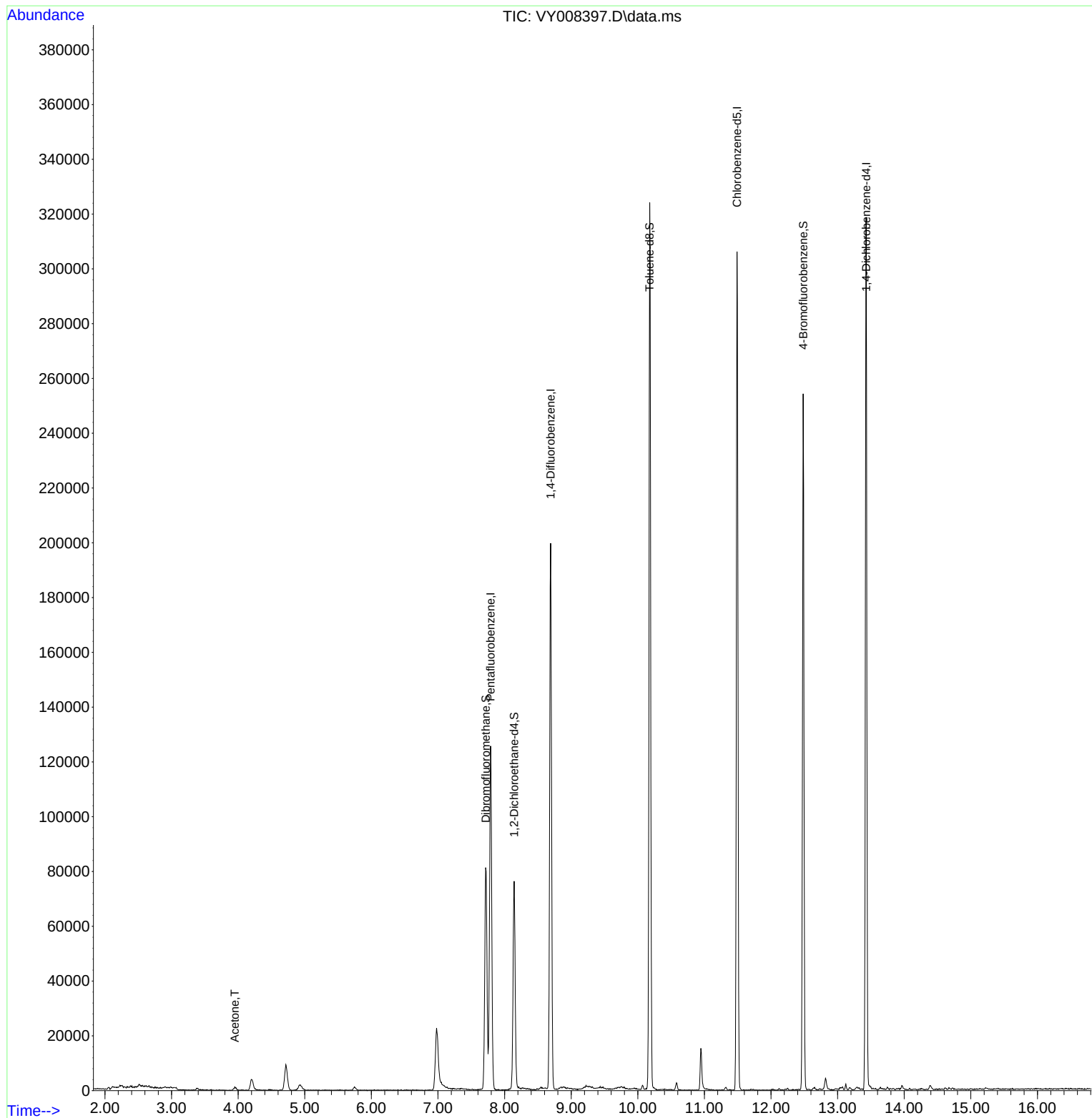
Internal Standards						
1) Pentafluorobenzene	7.789	168	97724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	177166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	172061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57165	62.275	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.560%	
35) Dibromofluoromethane	7.716	113	56212	54.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.860%	
50) Toluene-d8	10.179	98	216054	61.704	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.400%	
62) 4-Bromofluorobenzene	12.483	95	74002	56.190	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.380%	
Target Compounds						
16) Acetone	3.948	43	2052	9.294	ug/l	Qvalue 92

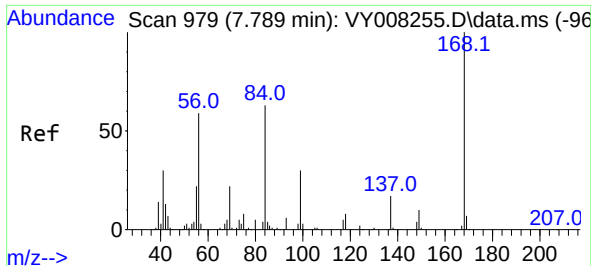
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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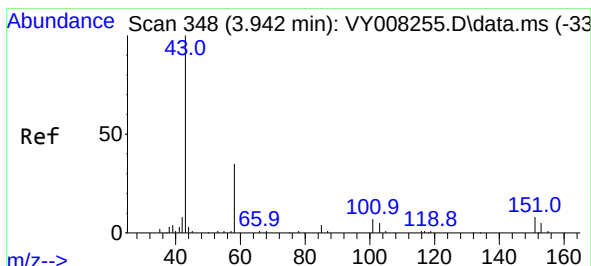
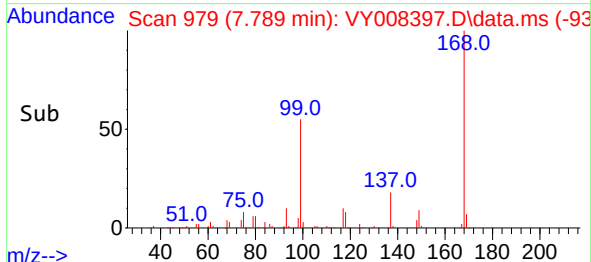
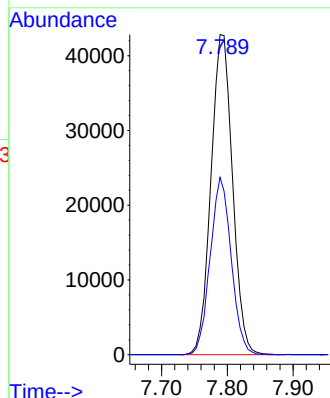
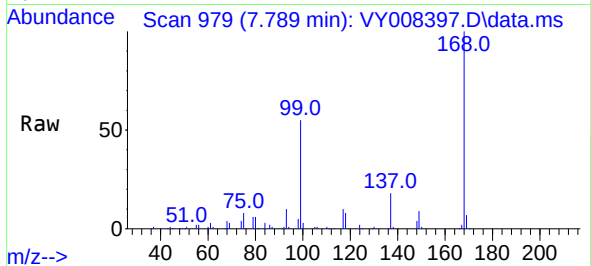




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008397.D
Acq: 19 Apr 2022 15:43

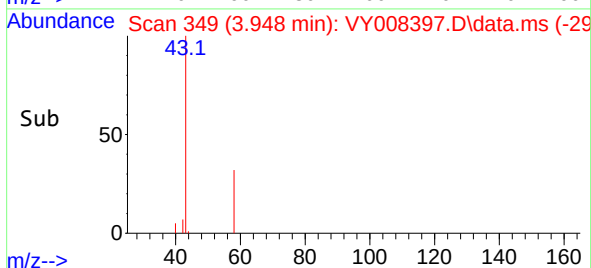
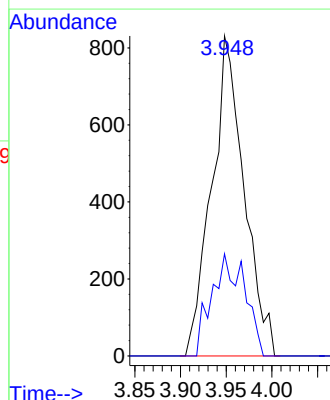
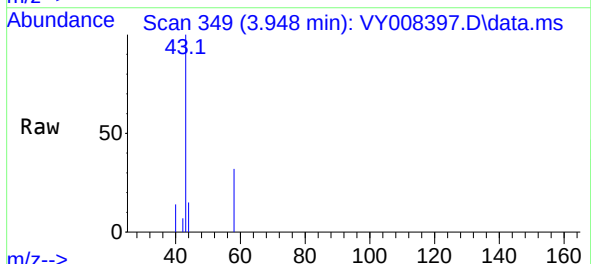
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

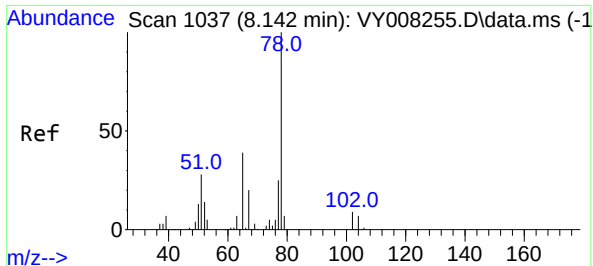
Tgt Ion:168 Resp: 97724
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#16
Acetone
Concen: 9.294 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008397.D
Acq: 19 Apr 2022 15:43

Tgt Ion: 43 Resp: 2052
Ion Ratio Lower Upper
43 100
58 31.9 22.0 33.0

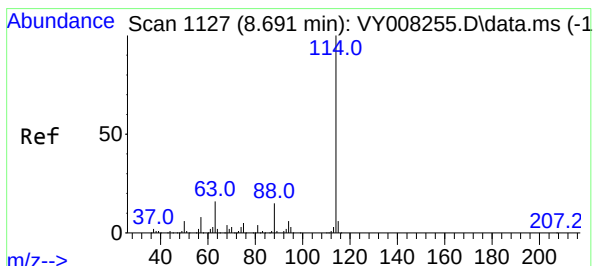
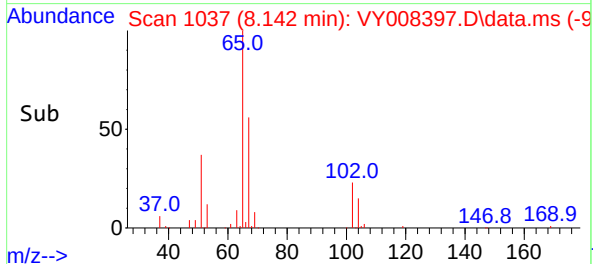
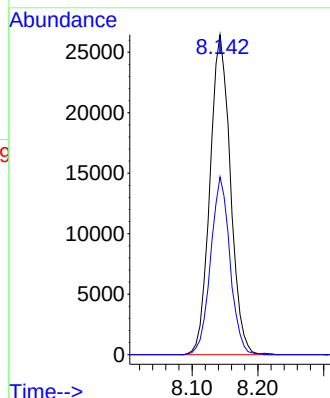
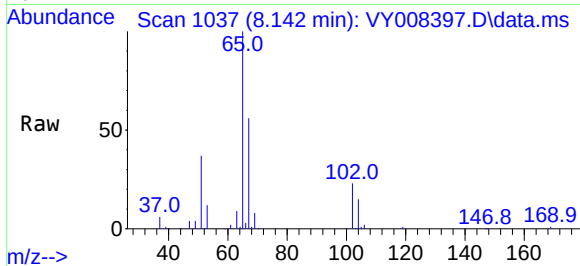




#33
1,2-Dichloroethane-d4
Concen: 62.275 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008397.D
Acq: 19 Apr 2022 15:43

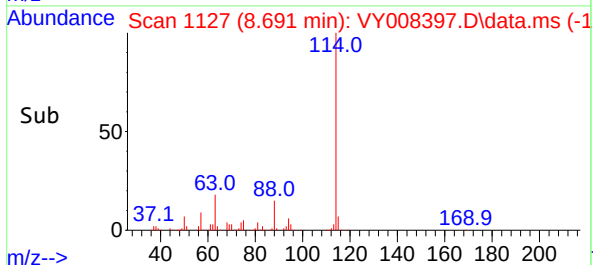
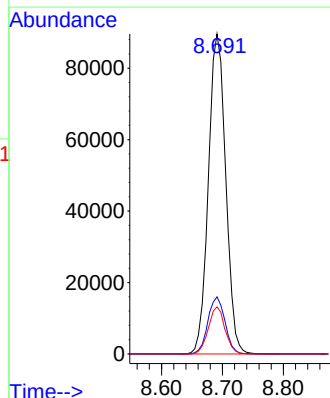
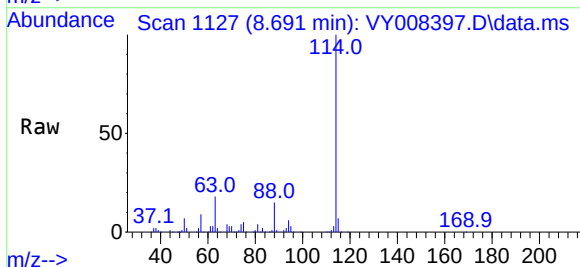
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

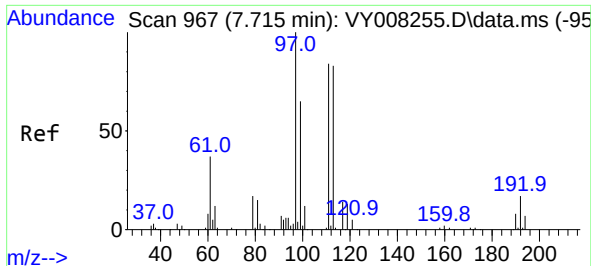
Tgt Ion: 65 Resp: 57165
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008397.D
Acq: 19 Apr 2022 15:43

Tgt Ion: 114 Resp: 177166
Ion Ratio Lower Upper
114 100
63 17.8 0.0 43.2
88 14.7 0.0 31.8

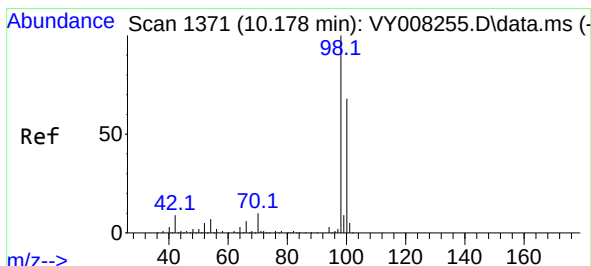
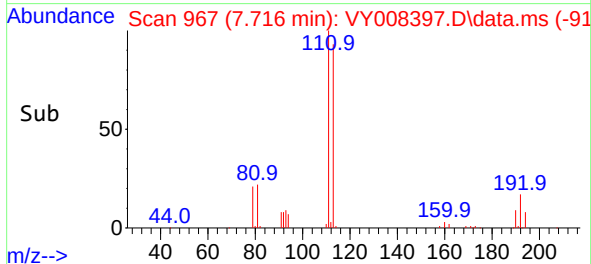
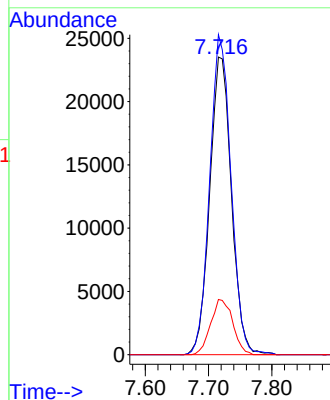
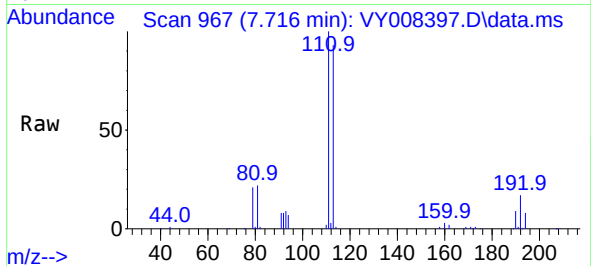




#35
Dibromofluoromethane
Concen: 54.933 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008397.D
Acq: 19 Apr 2022 15:43

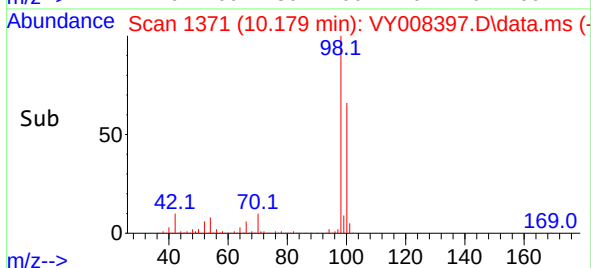
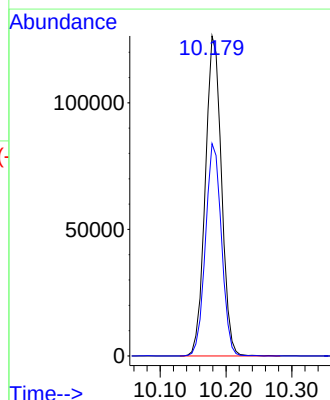
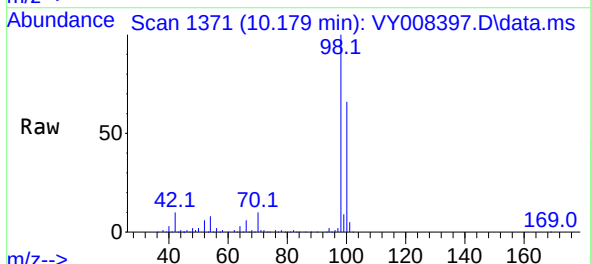
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

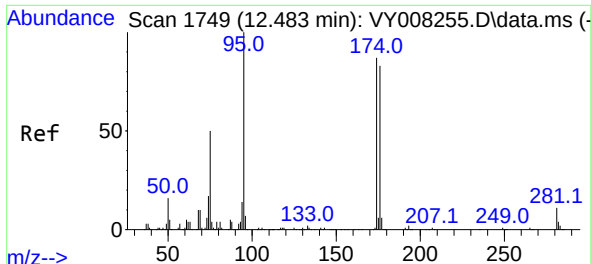
Tgt Ion:113 Resp: 56212
Ion Ratio Lower Upper
113 100
111 105.4 82.6 124.0
192 18.8 17.6 26.4



#50
Toluene-d8
Concen: 61.704 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008397.D
Acq: 19 Apr 2022 15:43

Tgt Ion: 98 Resp: 216054
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

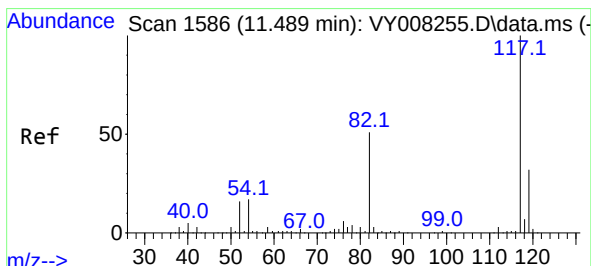
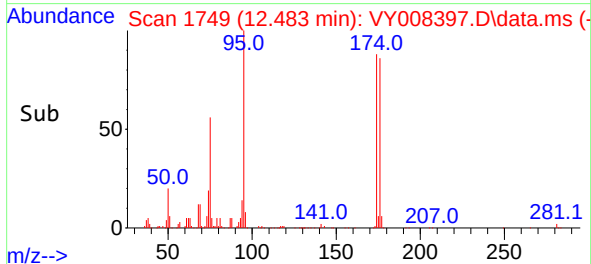
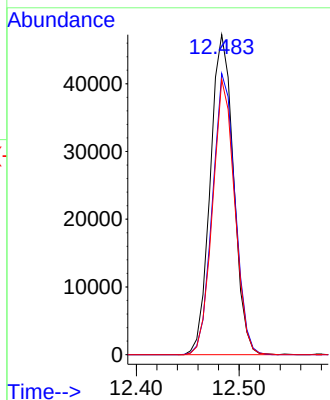
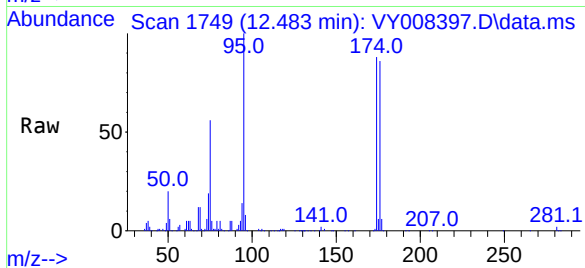




#62
4-Bromofluorobenzene
Concen: 56.190 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008397.D
Acq: 19 Apr 2022 15:43

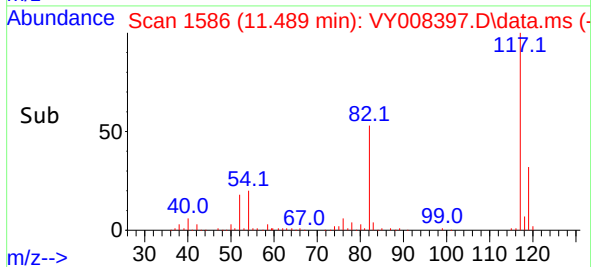
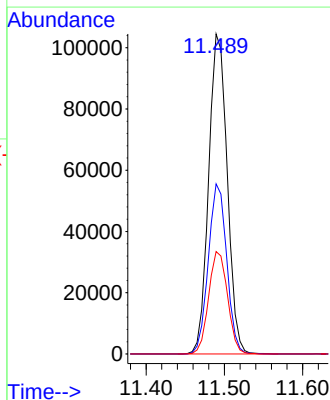
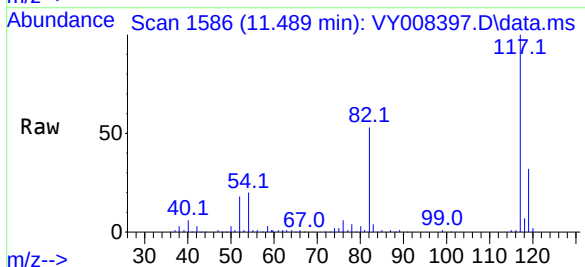
Instrument :
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ClientSampleId :
SB-5

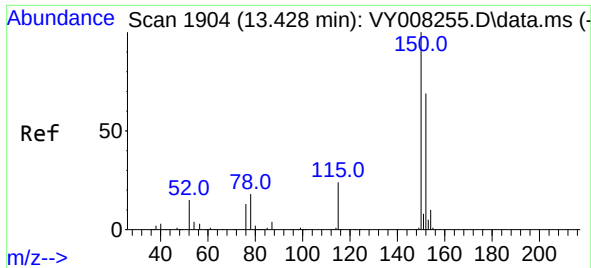
Tgt Ion:	95	Resp:	74002
Ion Ratio	Lower	Upper	
95	100		
174	85.3	0.0	177.0
176	81.7	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008397.D
Acq: 19 Apr 2022 15:43

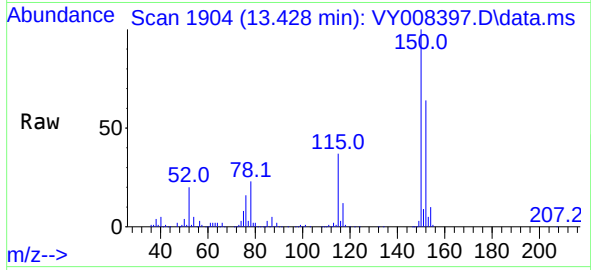
Tgt Ion:	117	Resp:	172061
Ion Ratio	Lower	Upper	
117	100		
82	53.2	43.0	64.4
119	32.0	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008397.D
 Acq: 19 Apr 2022 15:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5



Tgt Ion:152 Resp: 79235

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.2	84.7
150	156.2	0.0	347.6

