

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006651.D
 Acq On : 05 Nov 2021 12:53
 Operator : SY/MD
 Sample : M4497-07
 Misc : 4.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 346

Quant Time: Nov 06 20:37:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

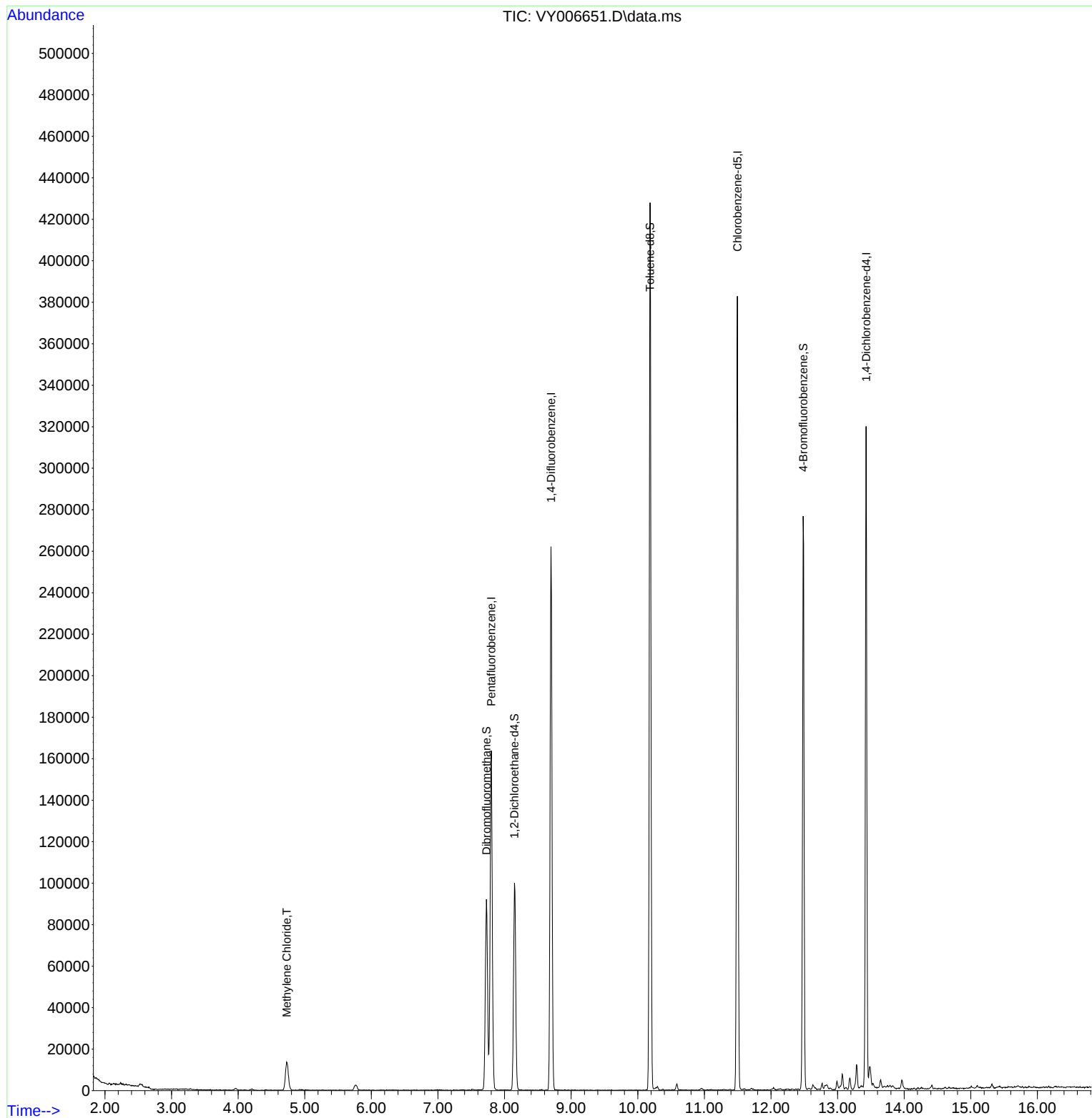
Internal Standards						
1) Pentafluorobenzene	7.801	168	120631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	205519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	187825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81391	54.829	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.660%	
35) Dibromofluoromethane	7.728	113	61639	53.810	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.620%	
50) Toluene-d8	10.185	98	261444	53.840	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.680%	
62) 4-Bromofluorobenzene	12.483	95	77831	47.580	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.160%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.729	84	9007	3.001	ug/l	92

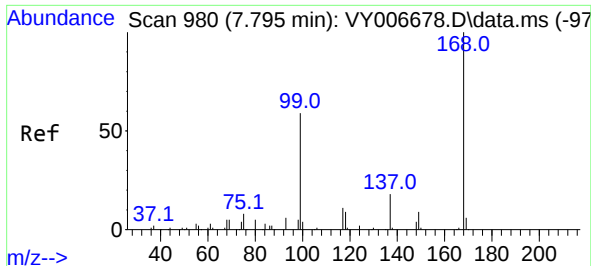
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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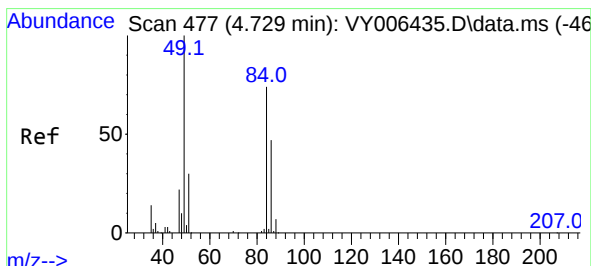
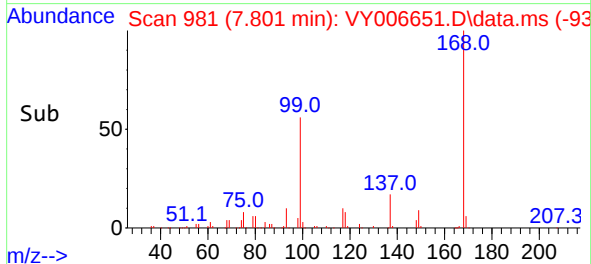
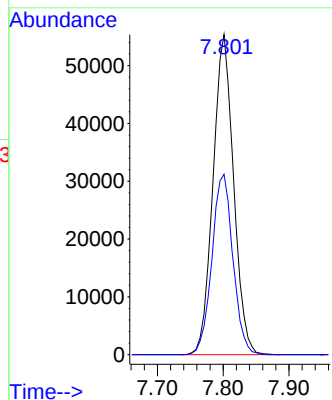
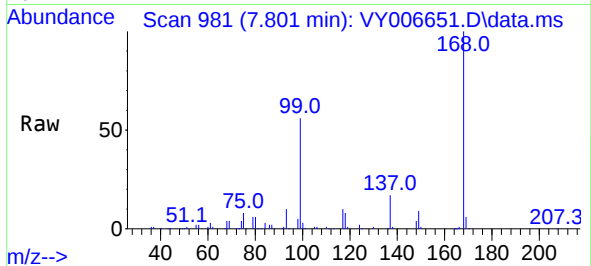




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

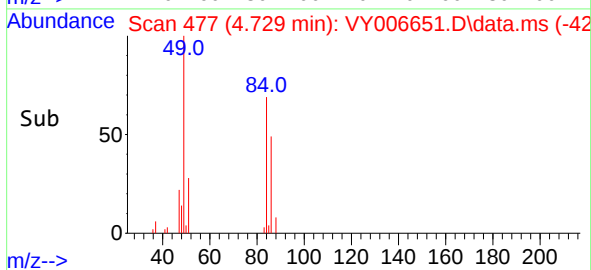
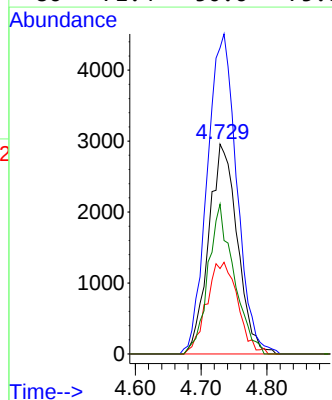
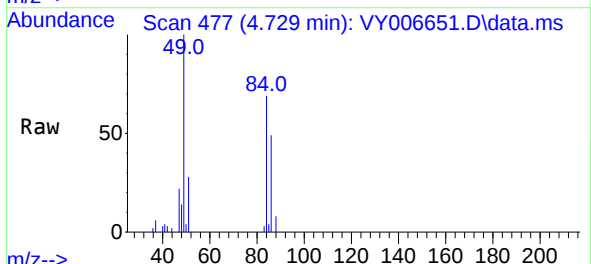
Instrument :
MSVOA_Y
ClientSampleId :
346

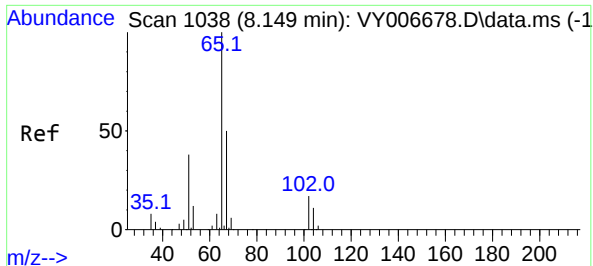
Tgt Ion:168 Resp: 120631
Ion Ratio Lower Upper
168 100
99 56.4 44.8 67.2



#20
Methylene Chloride
Concen: 3.001 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

Tgt Ion: 84 Resp: 9007
Ion Ratio Lower Upper
84 100
49 145.9 107.8 161.8
51 40.8 32.8 49.2
86 71.4 50.6 75.8

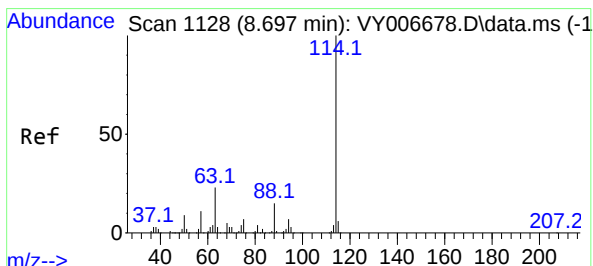
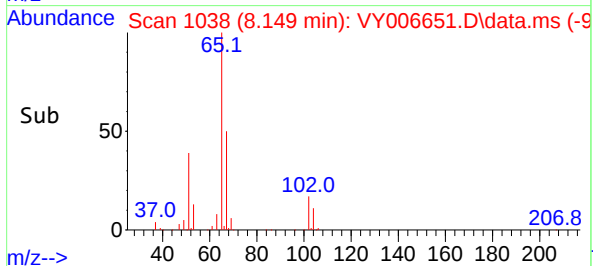
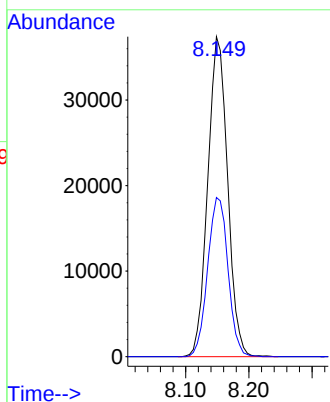
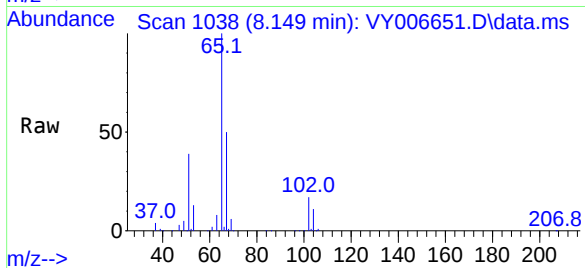




#33
1,2-Dichloroethane-d4
Concen: 54.829 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

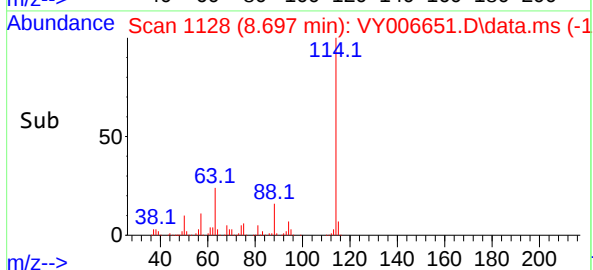
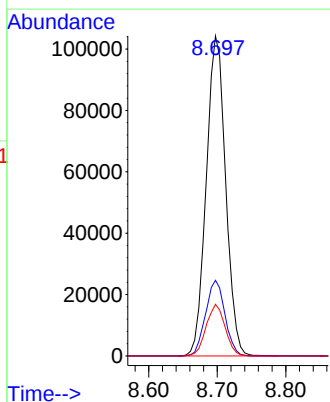
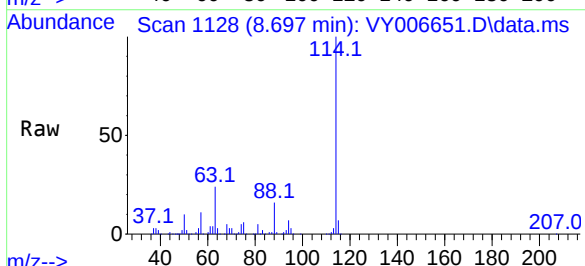
Instrument :
MSVOA_Y
ClientSampleId :
346

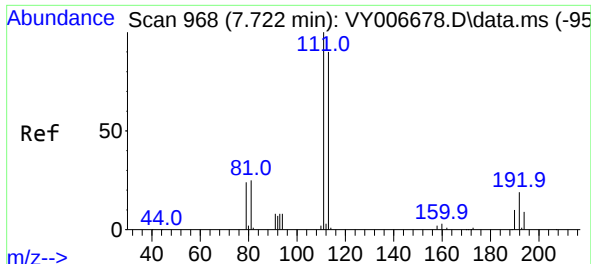
Tgt Ion: 65 Resp: 81391
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

Tgt Ion: 114 Resp: 205519
Ion Ratio Lower Upper
114 100
63 23.7 0.0 45.0
88 16.2 0.0 30.6

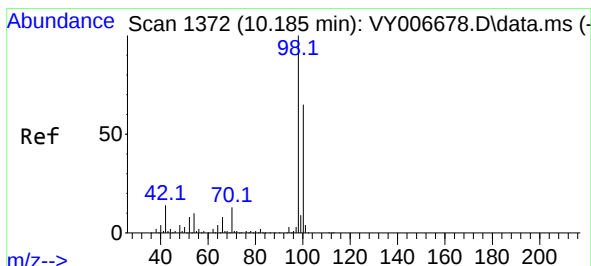
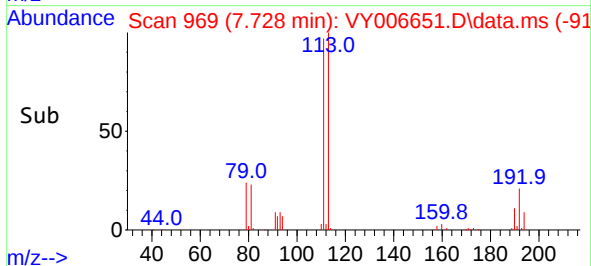
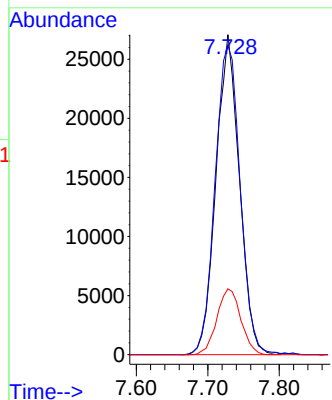
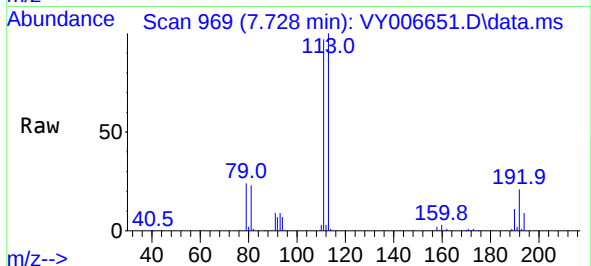




#35
Dibromofluoromethane
Concen: 53.810 ug/l
RT: 7.728 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

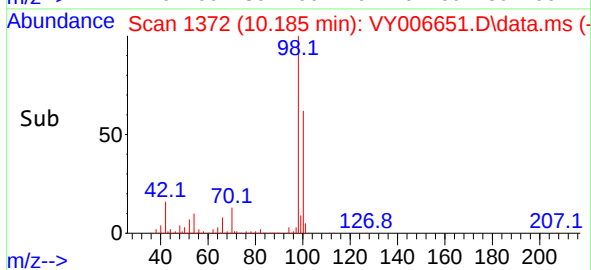
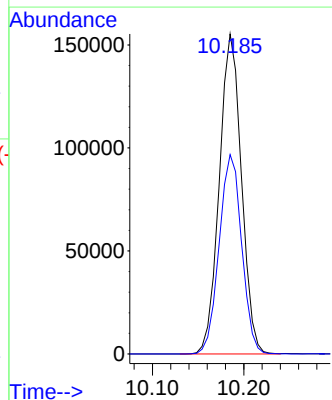
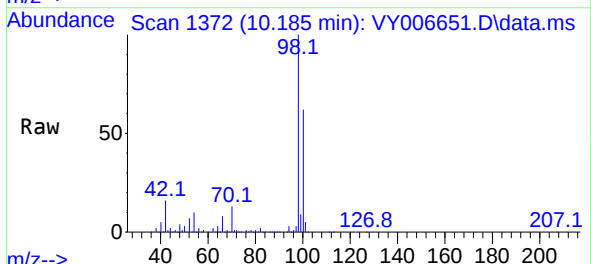
Instrument :
MSVOA_Y
ClientSampleId :
346

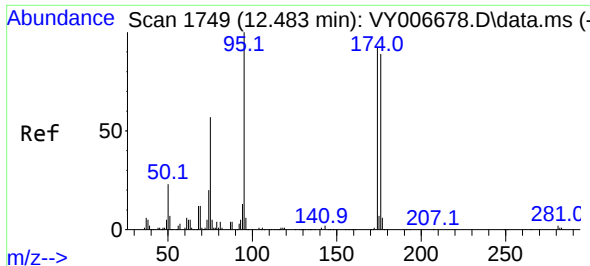
Tgt Ion:113 Resp: 61639
Ion Ratio Lower Upper
113 100
111 103.4 82.3 123.5
192 21.0 17.4 26.2



#50
Toluene-d8
Concen: 53.840 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

Tgt Ion: 98 Resp: 261444
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

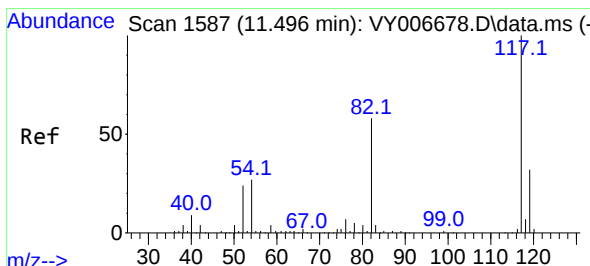
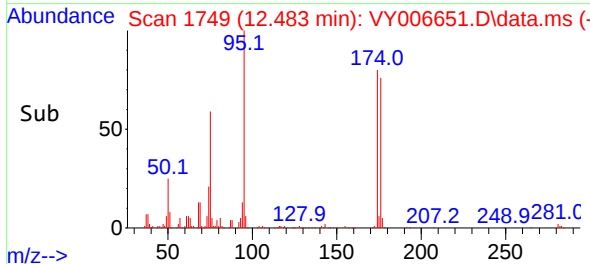
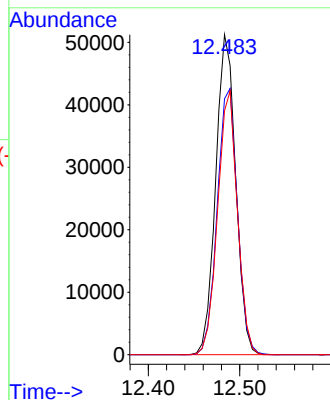
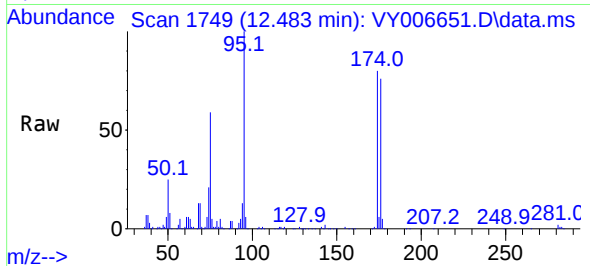




#62
4-Bromofluorobenzene
Concen: 47.580 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

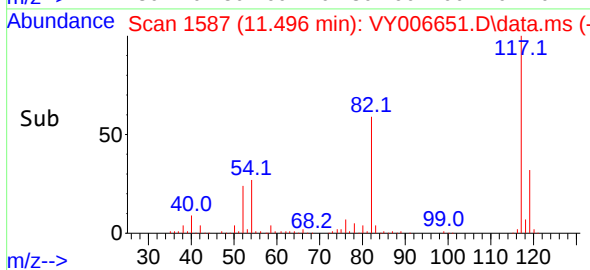
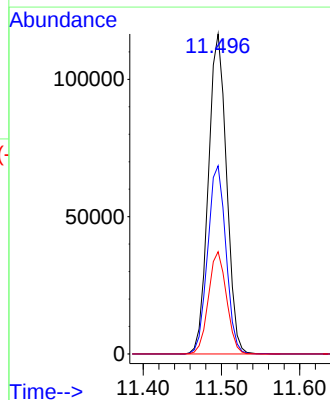
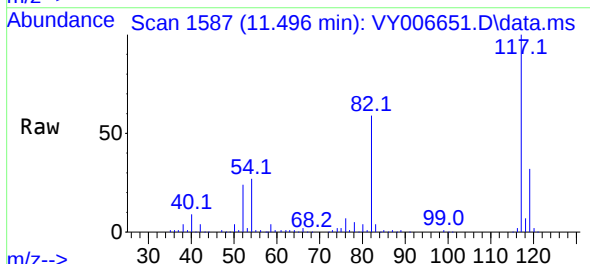
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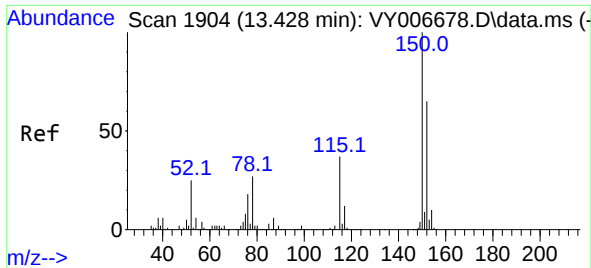
Tgt Ion:	95	Resp:	77831
Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	177.0
176	81.5	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006651.D
Acq: 05 Nov 2021 12:53

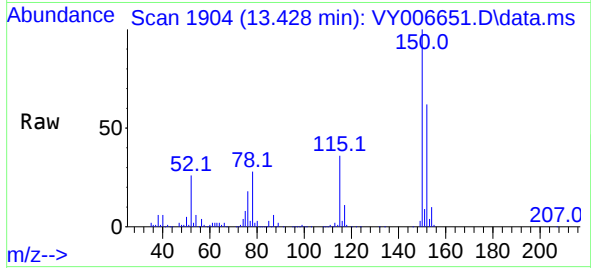
Tgt Ion:	117	Resp:	187825
Ion	Ratio	Lower	Upper
117	100		
82	58.8	45.7	68.5
119	32.0	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006651.D
 Acq: 05 Nov 2021 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 346



Tgt Ion:152 Resp: 72788
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.5 85.5
 150 157.7 0.0 348.2

