

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110421\
 Data File : VY006639.D
 Acq On : 04 Nov 2021 22:58
 Operator : SY/MD
 Sample : M4441-01
 Misc : 4.38G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Quant Time: Nov 05 14:04:54 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)

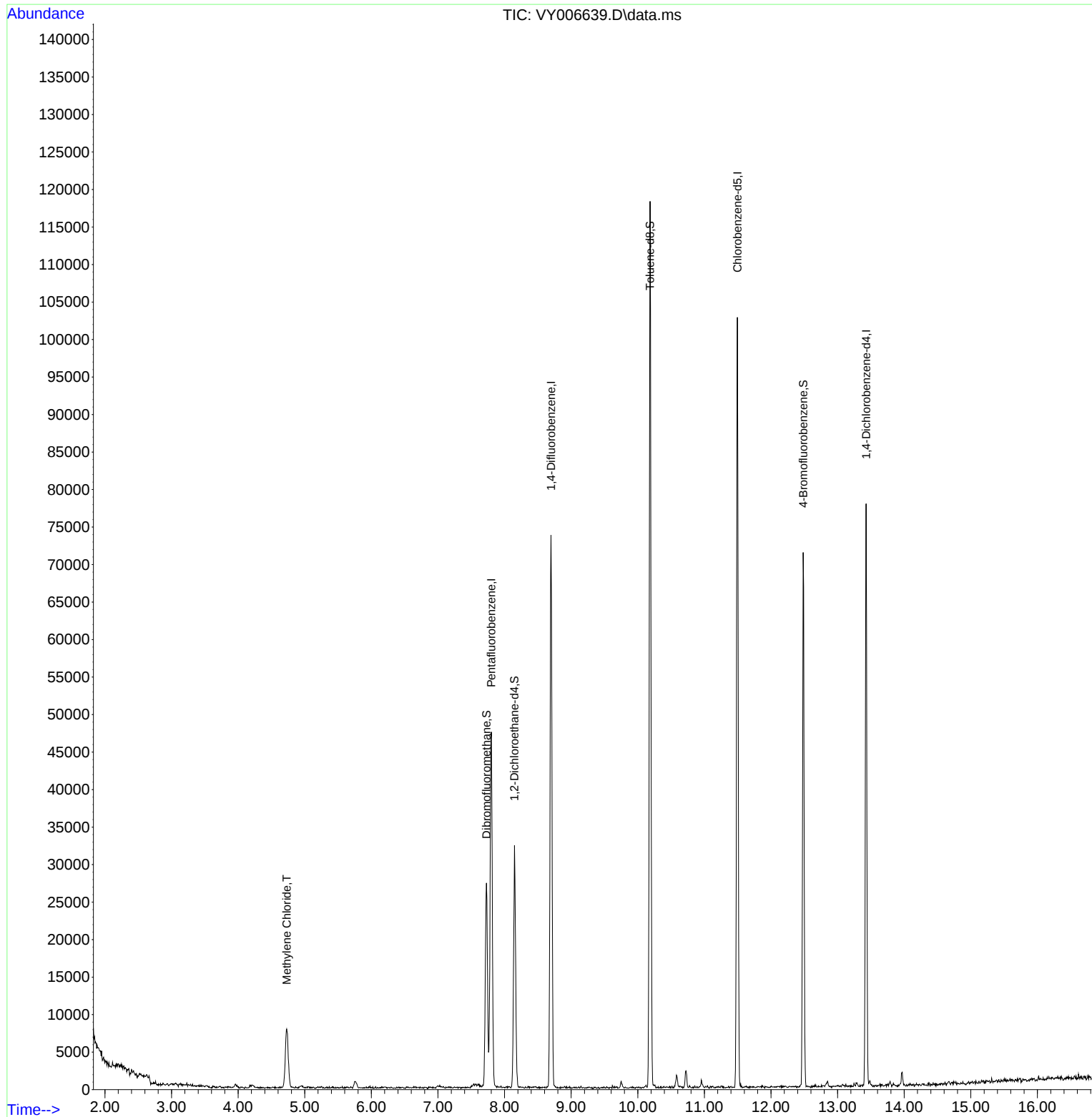
Internal Standards						
1) Pentafluorobenzene	7.801	168	35838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	57900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	50331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	24053	54.541	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 109.080%		
35) Dibromofluoromethane	7.728	113	18209	56.424	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 112.840%		
50) Toluene-d8	10.185	98	73582	53.786	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 107.580%		
62) 4-Bromofluorobenzene	12.483	95	20139	43.701	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 87.400%		
Target Compounds						
20) Methylene Chloride	4.729	84	5300	10.242	ug/l	Qvalue 96

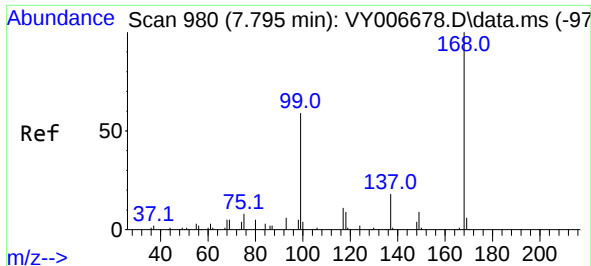
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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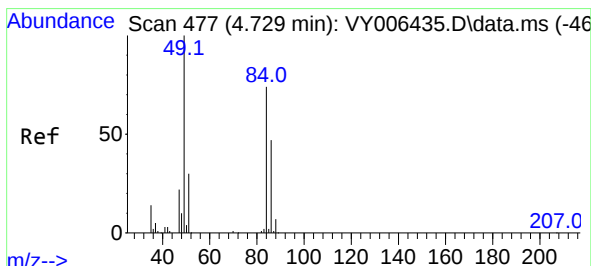
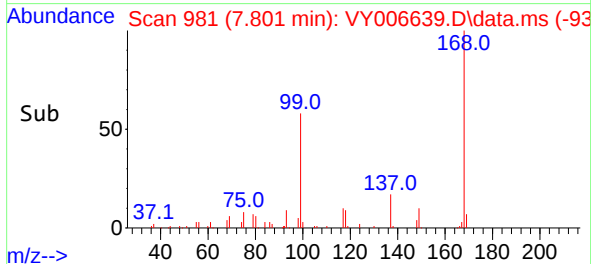
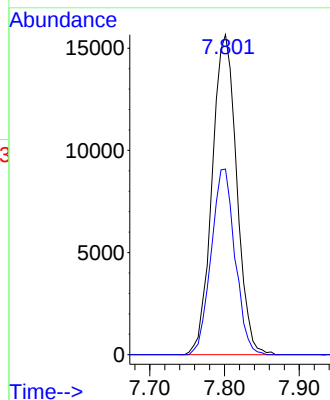
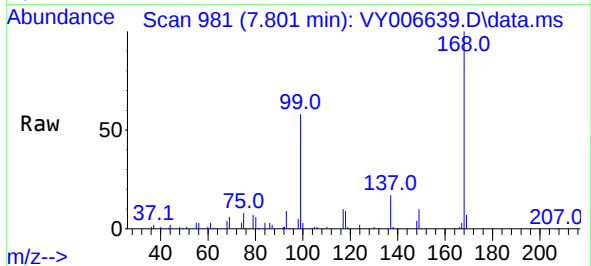




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006639.D
Acq: 04 Nov 2021 22:58

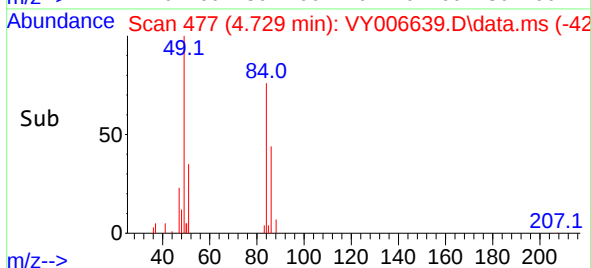
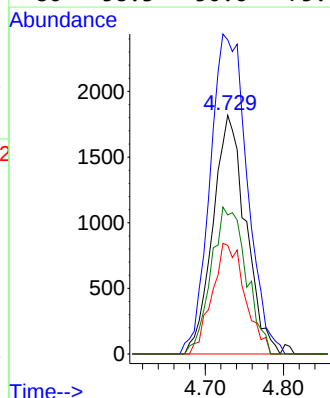
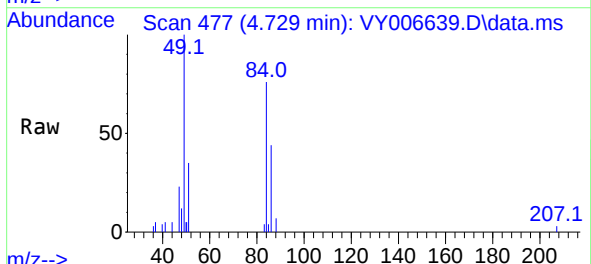
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

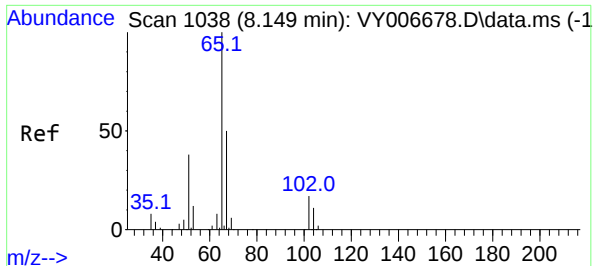
Tgt Ion:168 Resp: 35838
Ion Ratio Lower Upper
168 100
99 58.0 44.8 67.2



#20
Methylene Chloride
Concen: 10.242 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006639.D
Acq: 04 Nov 2021 22:58

Tgt Ion: 84 Resp: 5300
Ion Ratio Lower Upper
84 100
49 131.6 107.8 161.8
51 45.5 32.8 49.2
86 58.3 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 54.541 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006639.D

Acq: 04 Nov 2021 22:58

Instrument :

MSVOA_Y

ClientSampleId :

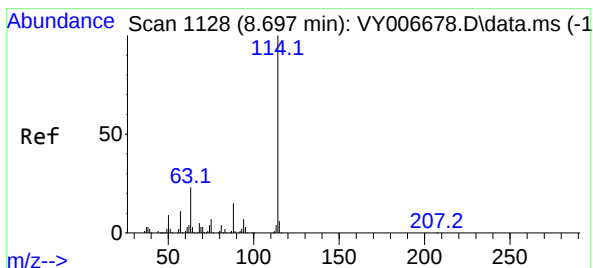
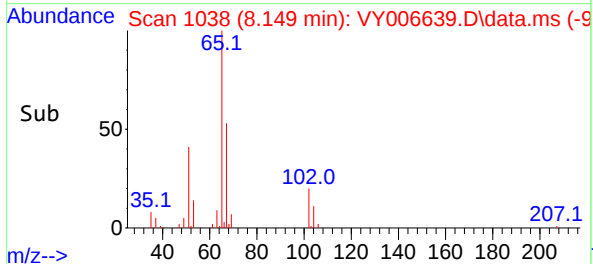
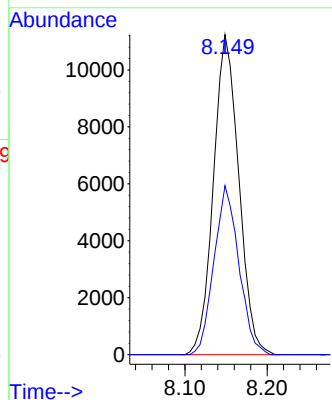
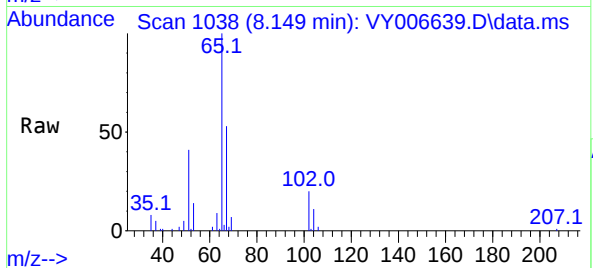
SB-1

Tgt Ion: 65 Resp: 24053

Ion Ratio Lower Upper

65 100

67 51.8 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: VY006639.D

Acq: 04 Nov 2021 22:58

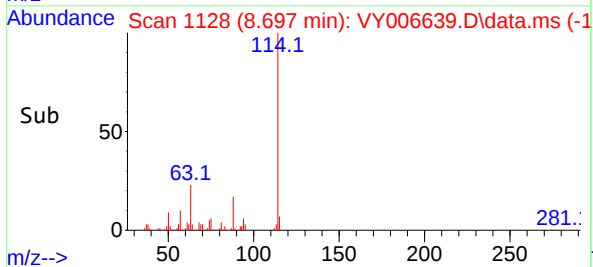
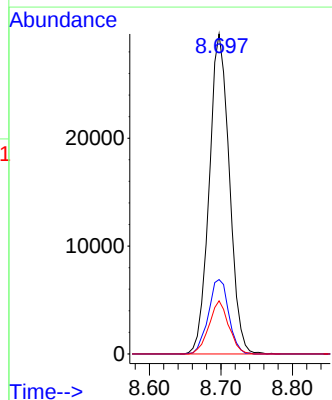
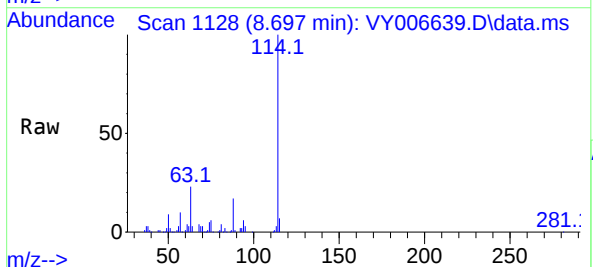
Tgt Ion: 114 Resp: 57900

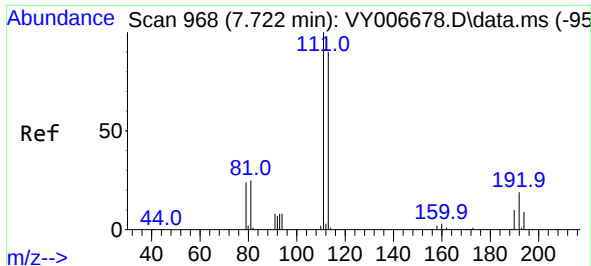
Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.0

88 16.6 0.0 30.6

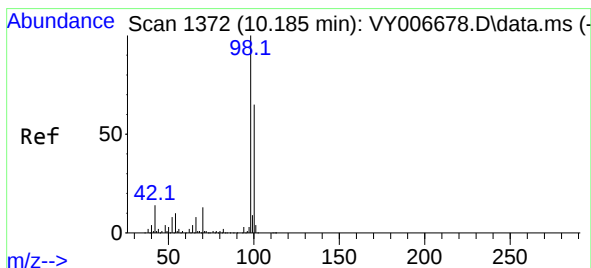
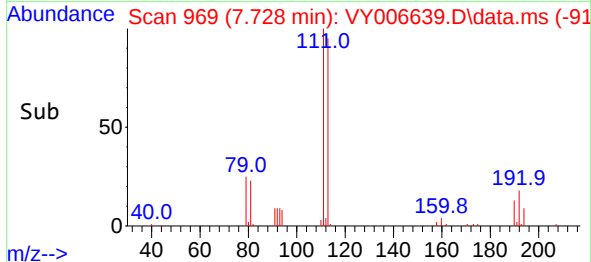
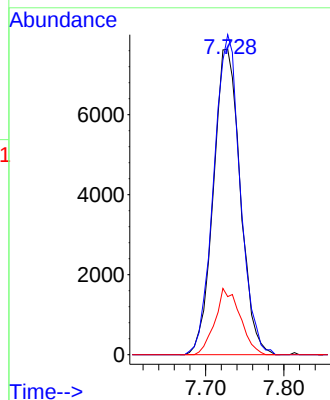
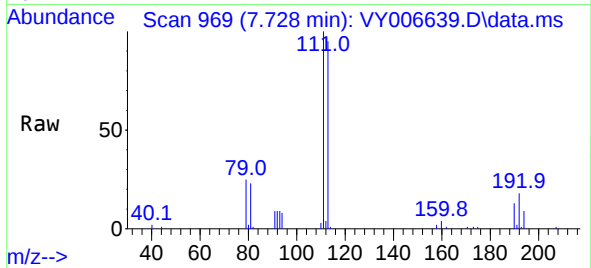




#35
Dibromofluoromethane
Concen: 56.424 ug/l
RT: 7.728 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY006639.D
Acq: 04 Nov 2021 22:58

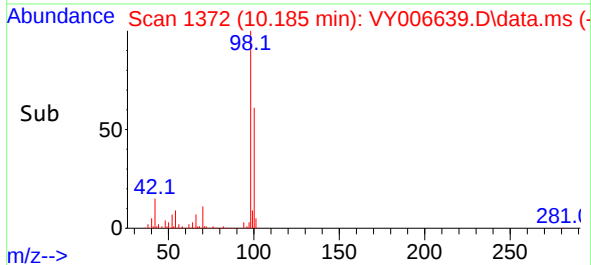
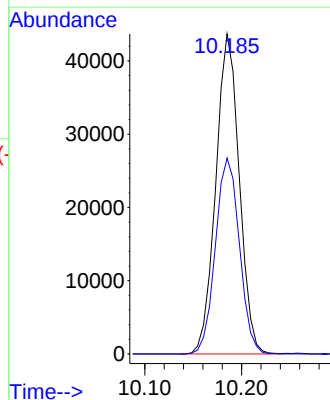
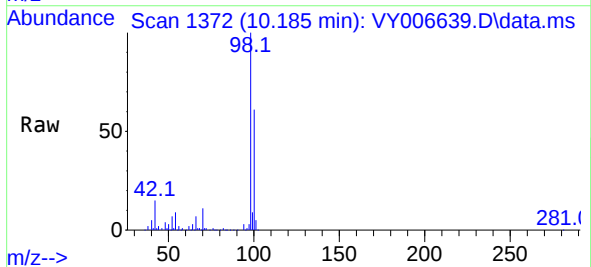
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

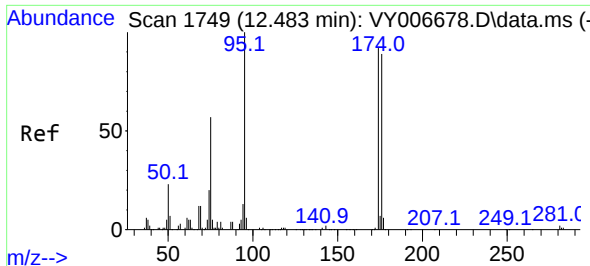
Tgt Ion:113 Resp: 18209
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 20.2 17.4 26.2



#50
Toluene-d8
Concen: 53.786 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006639.D
Acq: 04 Nov 2021 22:58

Tgt Ion: 98 Resp: 73582
Ion Ratio Lower Upper
98 100
100 62.5 50.9 76.3

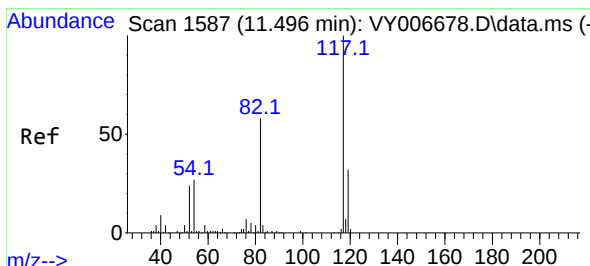
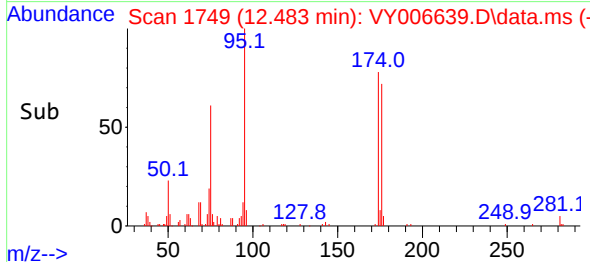
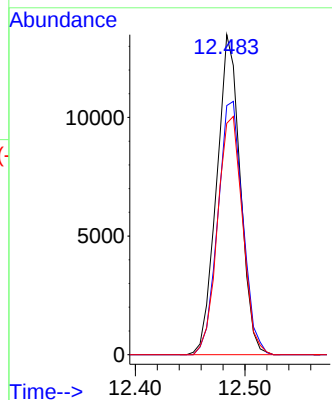
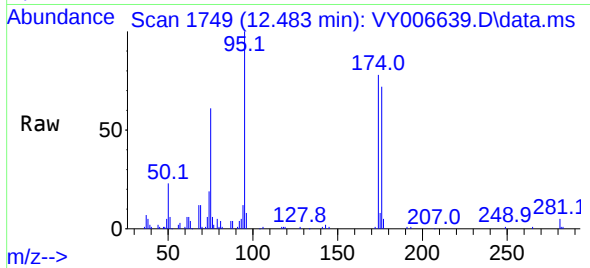




#62
4-Bromofluorobenzene
Concen: 43.701 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006639.D
Acq: 04 Nov 2021 22:58

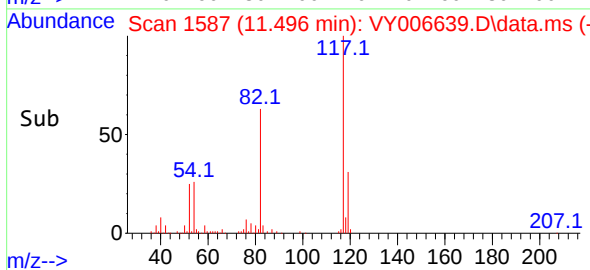
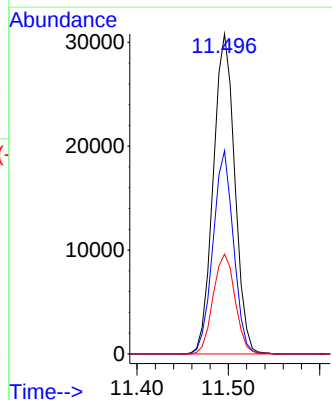
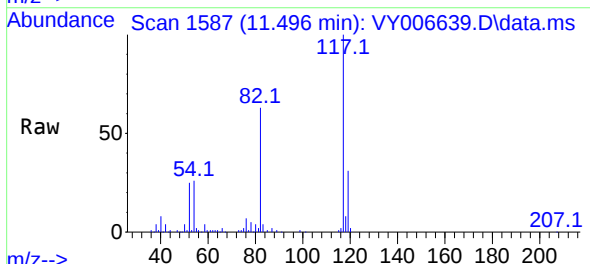
Instrument :
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ClientSampleId :
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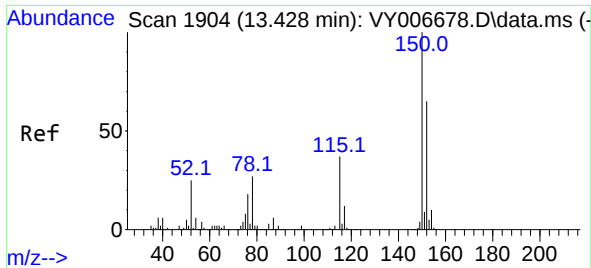
Tgt Ion:	95	Resp:	20139
Ion	Ratio	Lower	Upper
95	100		
174	83.7	0.0	177.0
176	79.2	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006639.D
Acq: 04 Nov 2021 22:58

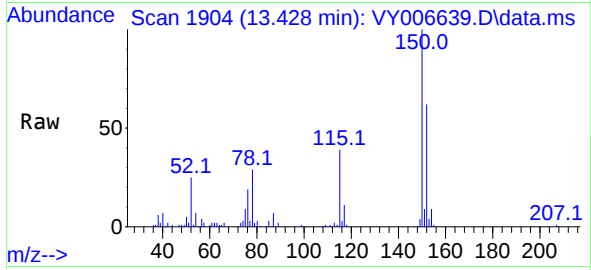
Tgt Ion:	117	Resp:	50331
Ion	Ratio	Lower	Upper
117	100		
82	63.5	45.7	68.5
119	31.2	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006639.D
 Acq: 04 Nov 2021 22:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1



Tgt Ion:	152	Resp:	18155
Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.5	85.5
150	157.5	0.0	348.2

