

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006769.D
 Acq On : 16 Nov 2021 18:11
 Operator : SY/MD
 Sample : M4577-01RE
 Misc : 5.90G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1RE

Quant Time: Nov 17 04:09:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

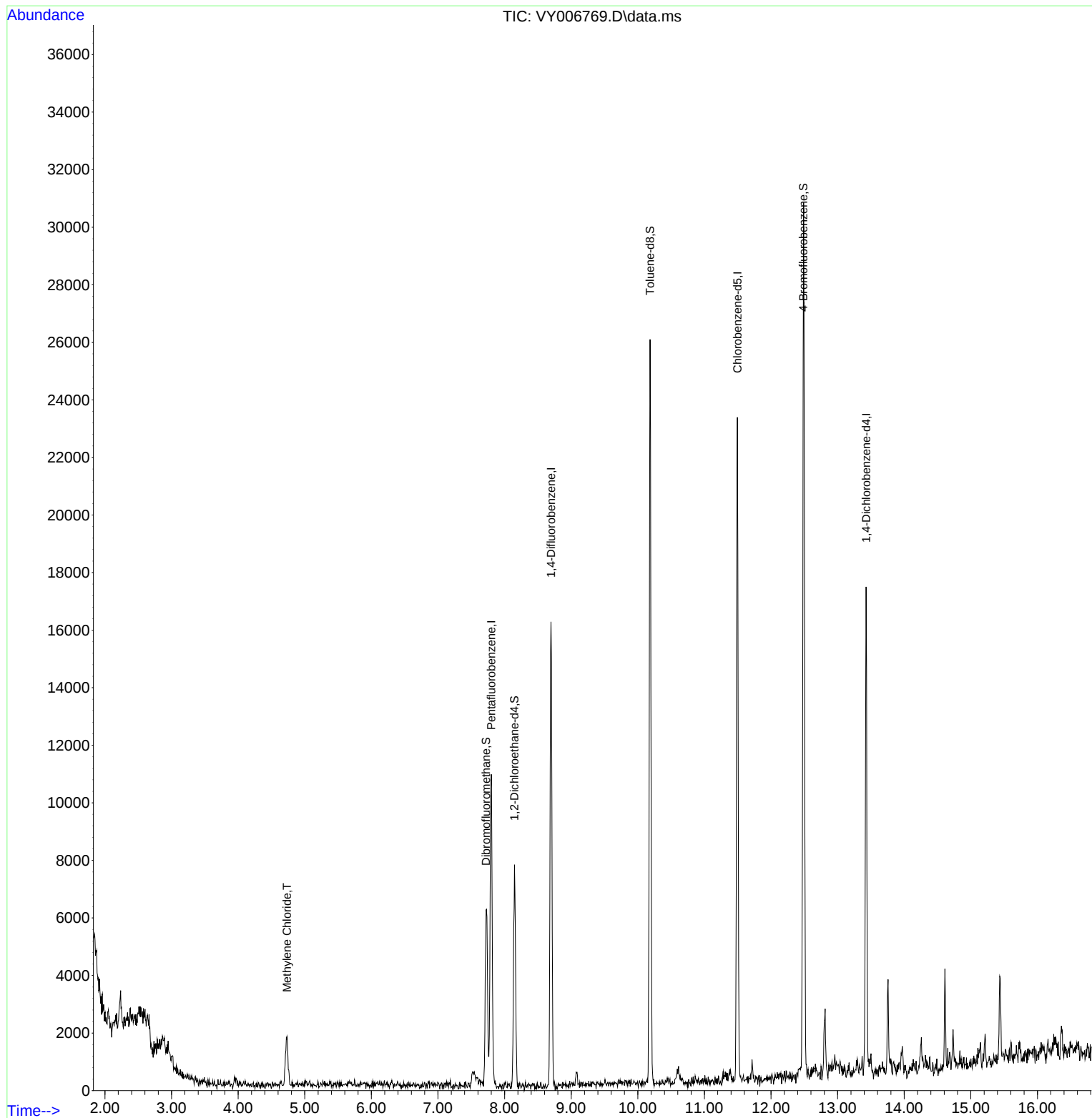
Internal Standards						
1) Pentafluorobenzene	7.801	168	8651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	13278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	11497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6581	58.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.080%
35) Dibromofluoromethane	7.722	113	4266	52.306	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.620%
50) Toluene-d8	10.185	98	16001	47.410	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.483	95	4435	38.979	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.960%
Target Compounds						
20) Methylene Chloride	4.735	84	1101	7.821	ug/l	Qvalue 89

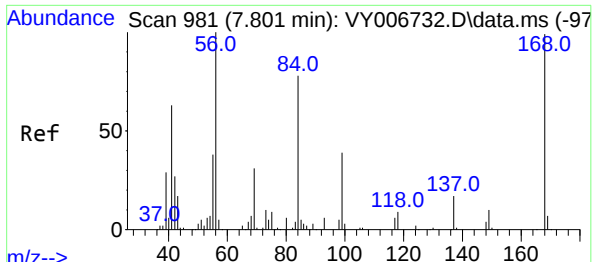
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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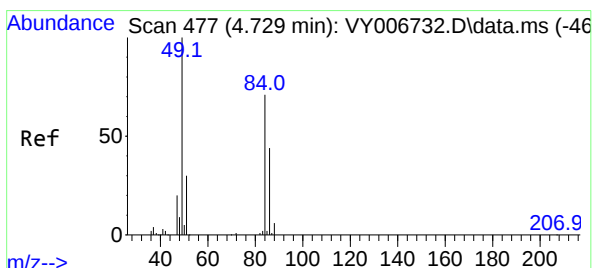
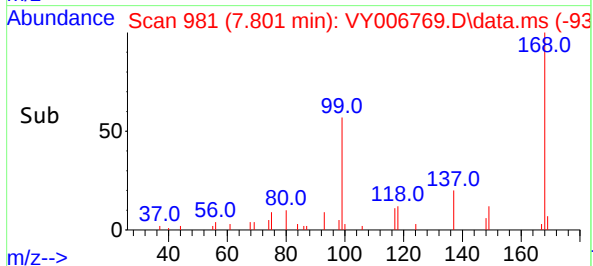
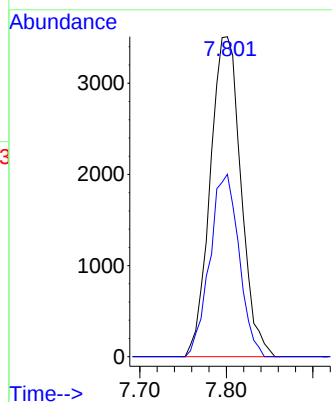
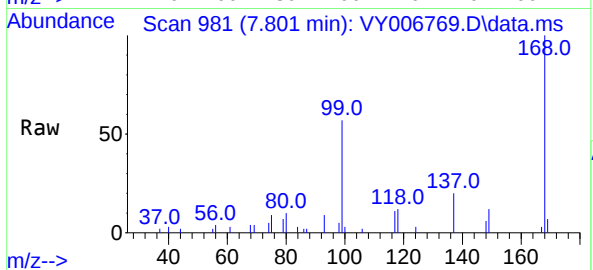




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

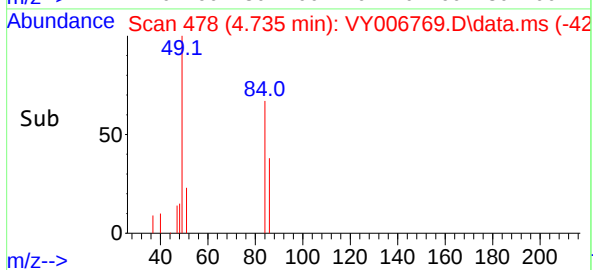
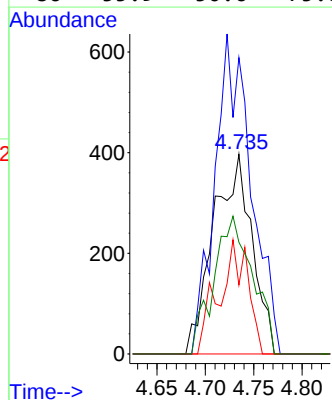
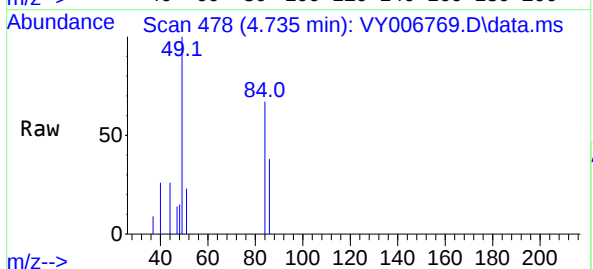
Instrument :
MSVOA_Y
ClientSampleId :
SB-1RE

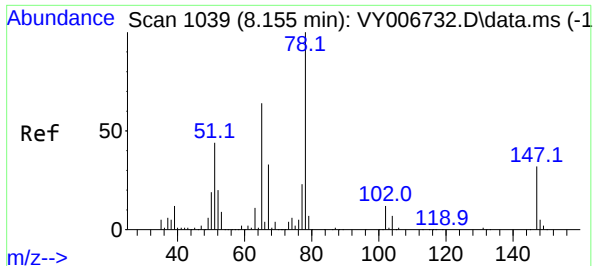
Tgt Ion:168 Resp: 8651
Ion Ratio Lower Upper
168 100
99 57.0 44.8 67.2



#20
Methylene Chloride
Concen: 7.821 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

Tgt Ion: 84 Resp: 1101
Ion Ratio Lower Upper
84 100
49 148.4 107.8 161.8
51 34.5 32.8 49.2
86 55.9 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 58.043 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006769.D

Acq: 16 Nov 2021 18:11

Instrument :

MSVOA_Y

ClientSampleId :

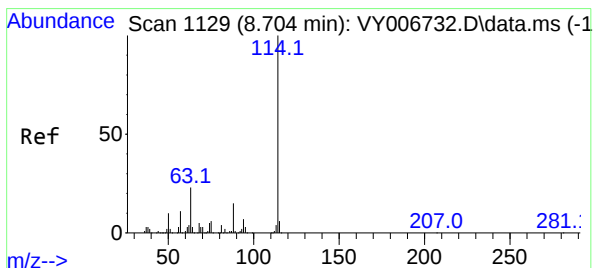
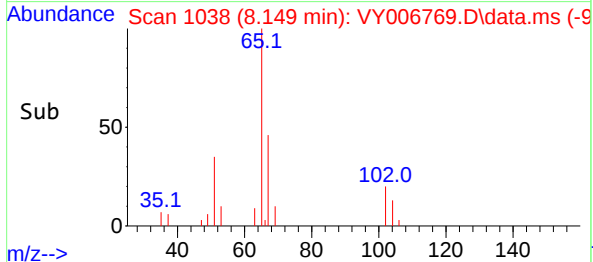
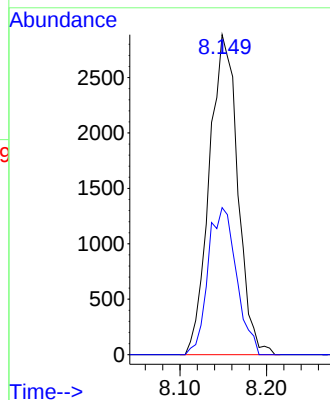
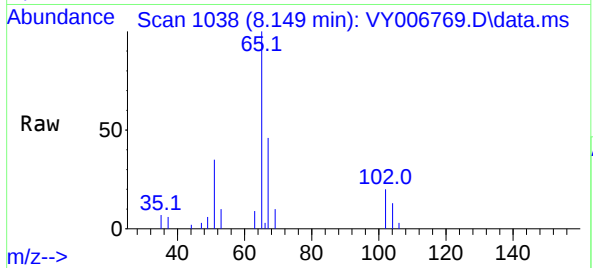
SB-1RE

Tgt Ion: 65 Resp: 6581

Ion Ratio Lower Upper

65 100

67 45.8 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006769.D

Acq: 16 Nov 2021 18:11

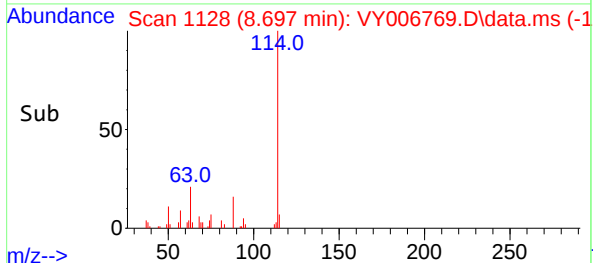
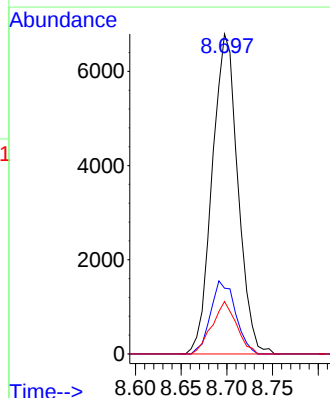
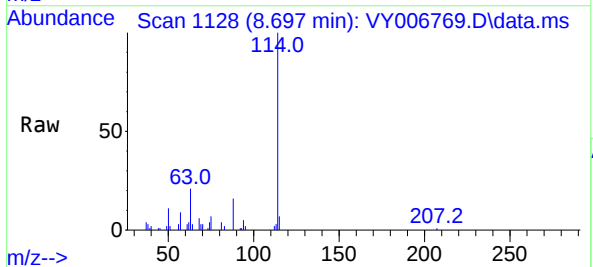
Tgt Ion: 114 Resp: 13278

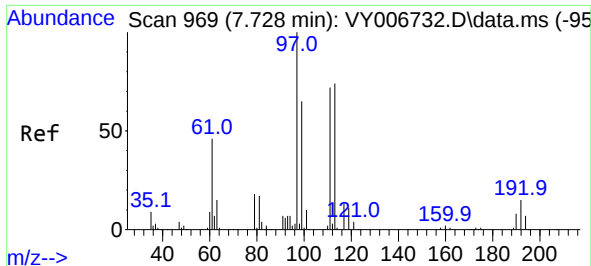
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 16.4 0.0 30.6

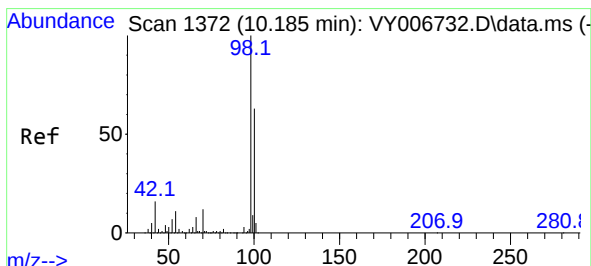
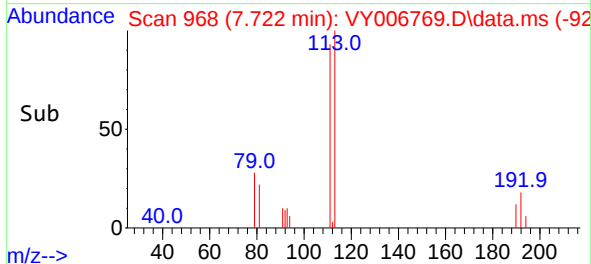
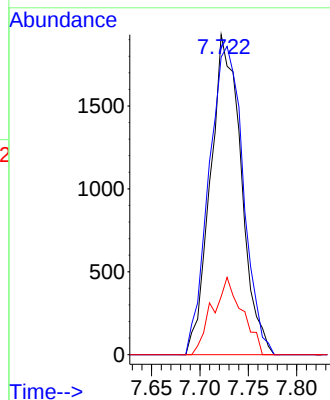
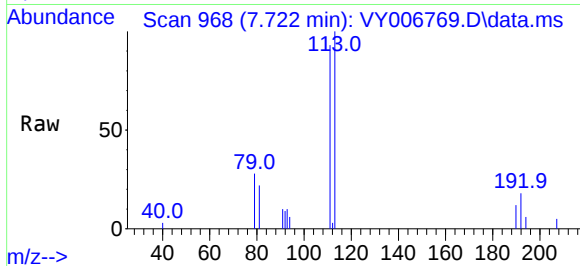




#35
Dibromofluoromethane
Concen: 52.306 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

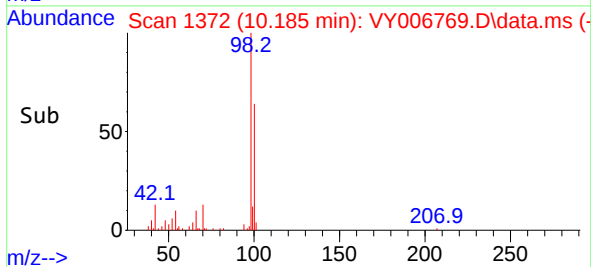
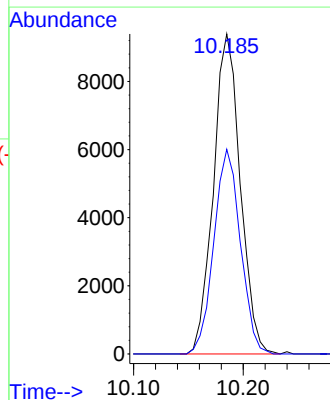
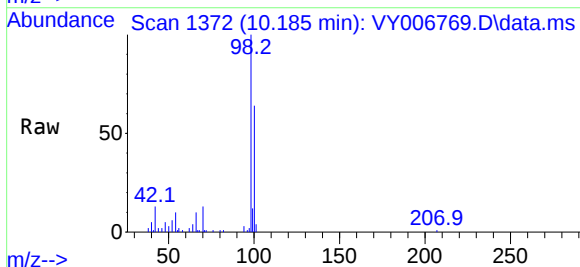
Instrument :
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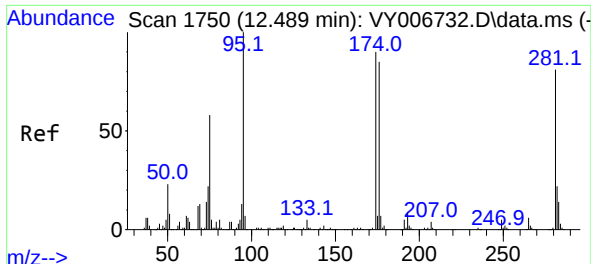
Tgt Ion:113 Resp: 4266
Ion Ratio Lower Upper
113 100
111 107.6 82.3 123.5
192 23.4 17.4 26.2



#50
Toluene-d8
Concen: 47.410 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

Tgt Ion: 98 Resp: 16001
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

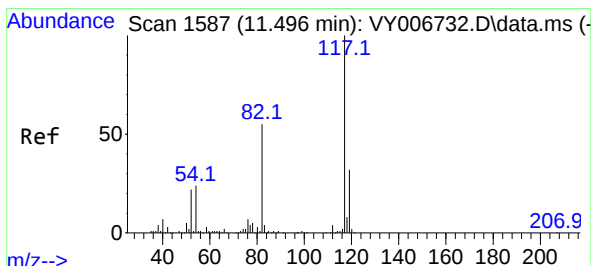
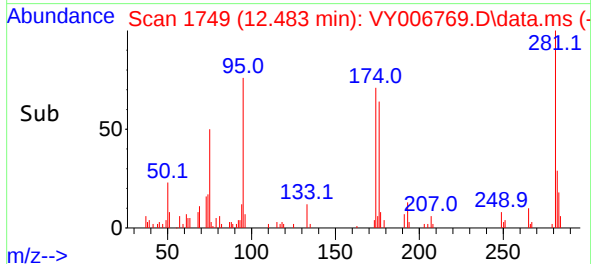
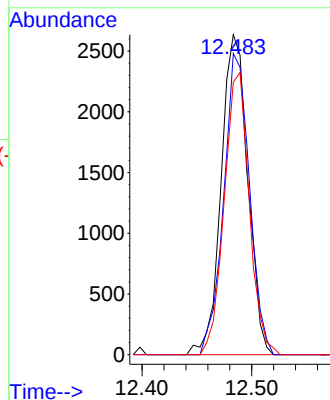
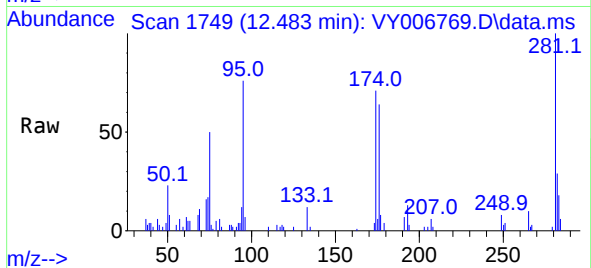




#62
4-Bromofluorobenzene
Concen: 38.979 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

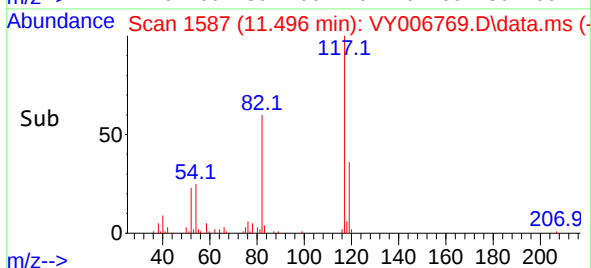
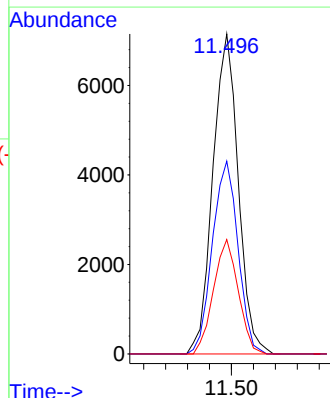
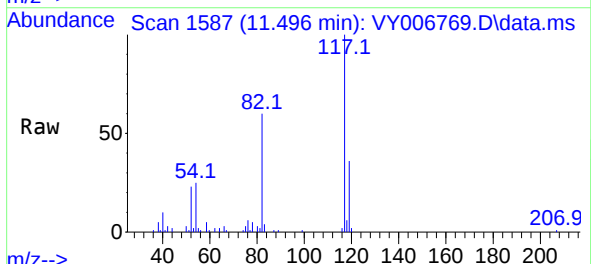
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ClientSampleId :
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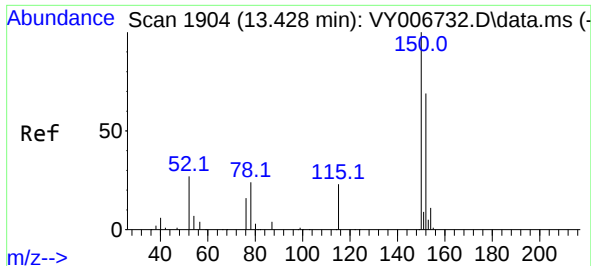
Tgt Ion: 95 Resp: 4435
Ion Ratio Lower Upper
95 100
174 91.4 0.0 177.0
176 83.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

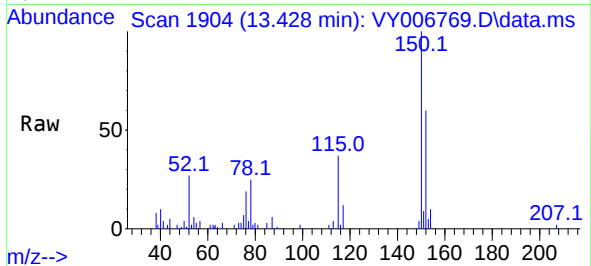
Tgt Ion: 117 Resp: 11497
Ion Ratio Lower Upper
117 100
82 60.3 45.7 68.5
119 35.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006769.D
 Acq: 16 Nov 2021 18:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1RE



Tgt Ion:	152	Resp:	3916
Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.5	85.5
150	152.3	0.0	348.2

