

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006679.D
 Acq On : 08 Nov 2021 14:45
 Operator : SY/MD
 Sample : M4556-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-110521

Quant Time: Nov 09 13:04:33 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	7.795	168	7144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	10621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	7917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2536	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4536	51.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.200%
35) Dibromofluoromethane	7.728	113	1313	22.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	44.360%#
50) Toluene-d8	10.185	98	12277	48.922	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.483	95	2929	34.648	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.300%

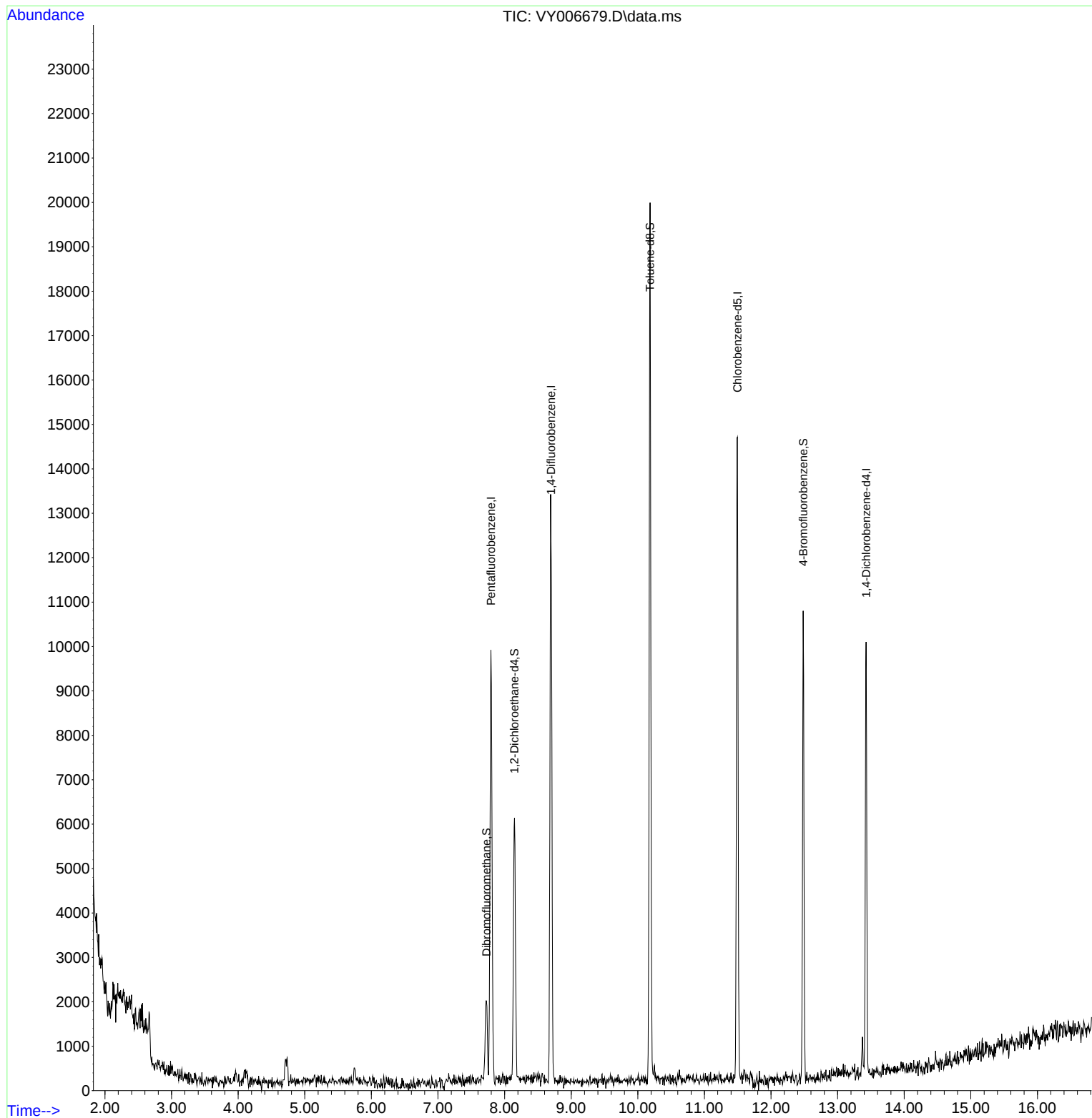
Target Compounds	Qvalue

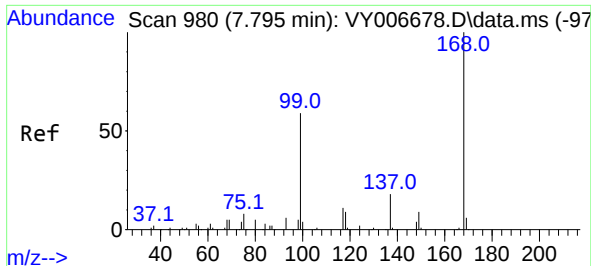
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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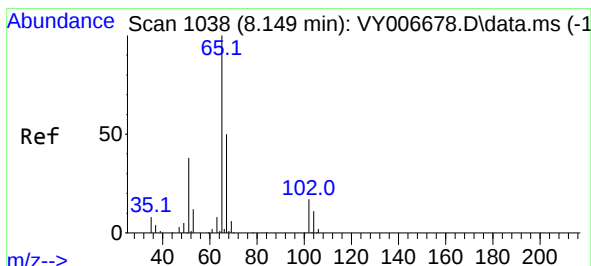
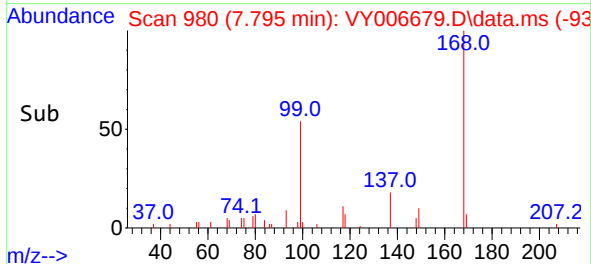
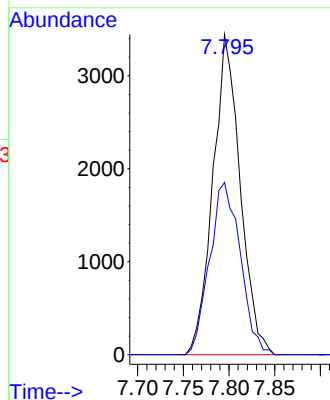
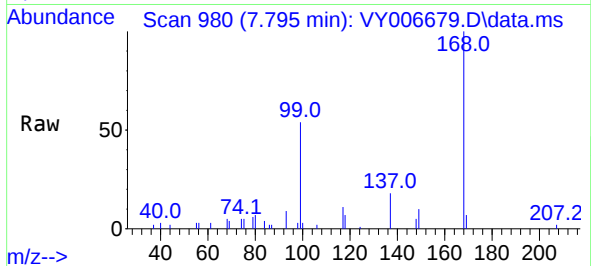




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

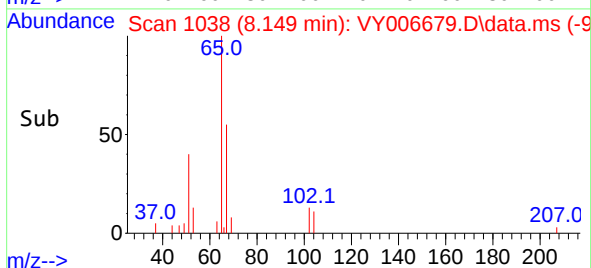
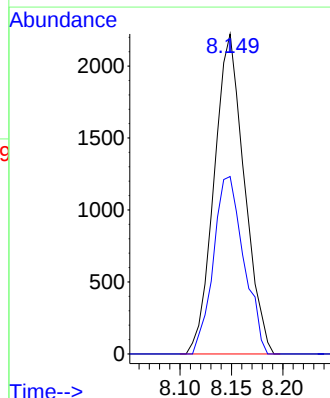
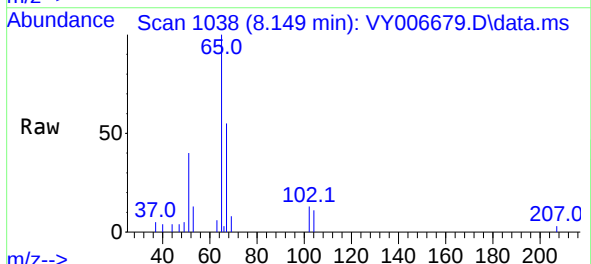
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-110521

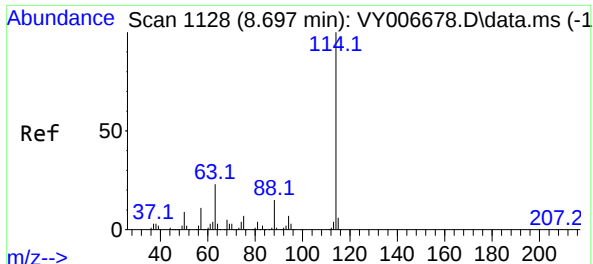
Tgt Ion:168 Resp: 7144
Ion Ratio Lower Upper
168 100
99 53.8 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 51.597 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

Tgt Ion: 65 Resp: 4536
Ion Ratio Lower Upper
65 100
67 55.8 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: VY006679.D

Acq: 08 Nov 2021 14:45

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-110521

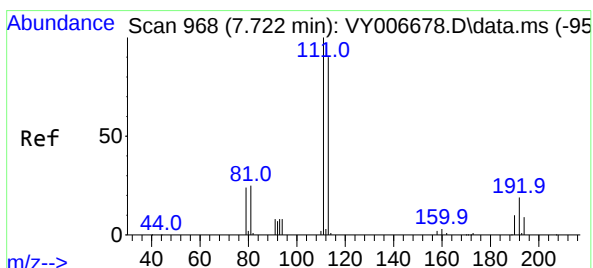
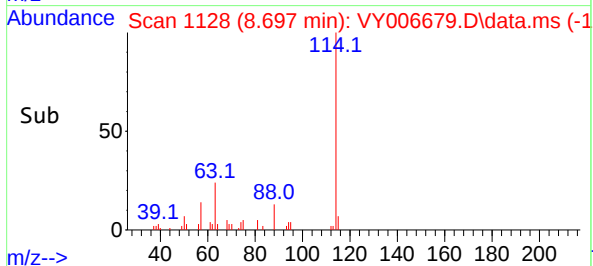
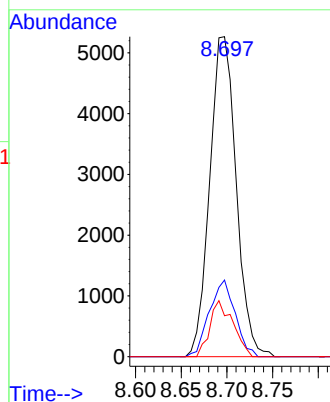
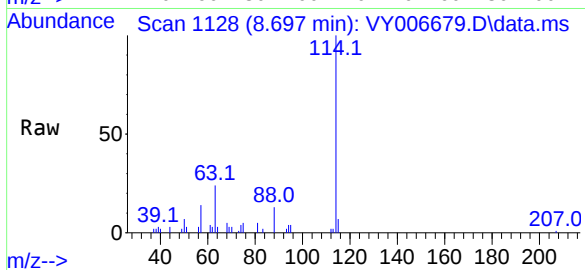
Tgt Ion:114 Resp: 10621

Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.0

88 12.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 22.180 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006679.D

Acq: 08 Nov 2021 14:45

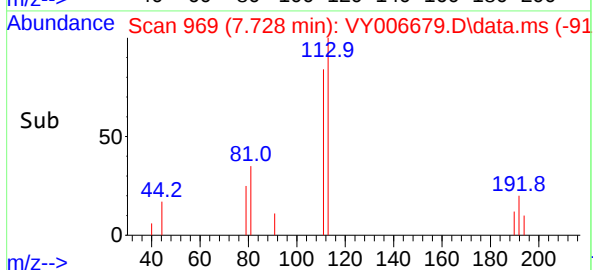
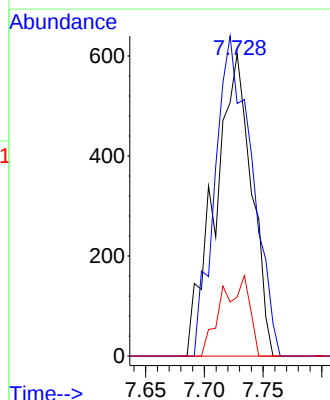
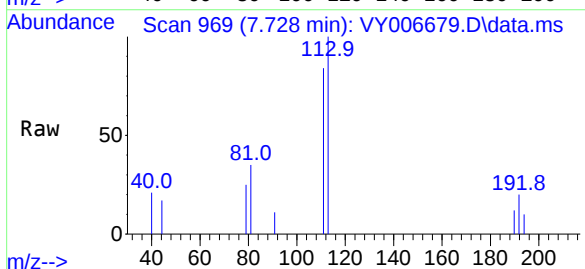
Tgt Ion:113 Resp: 1313

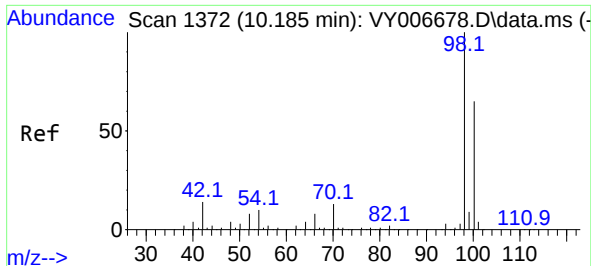
Ion Ratio Lower Upper

113 100

111 106.4 82.3 123.5

192 20.0 17.4 26.2

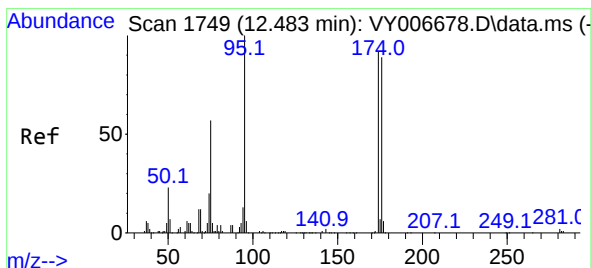
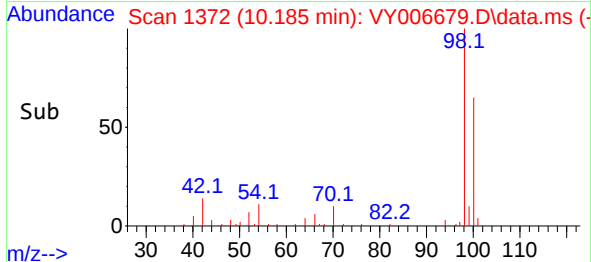
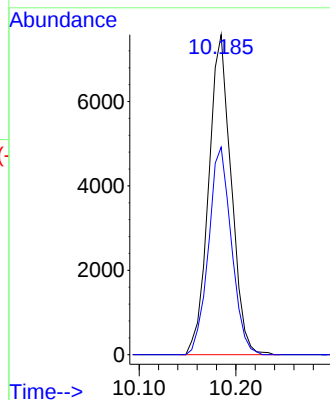
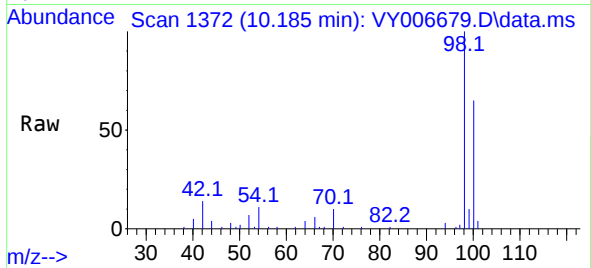




#50
Toluene-d8
Concen: 48.922 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

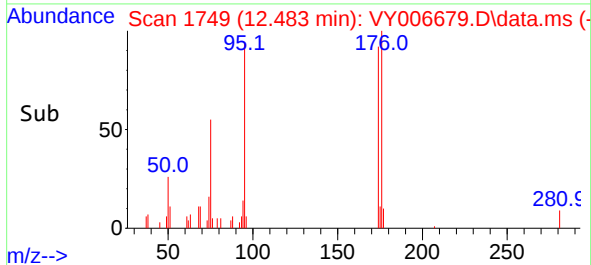
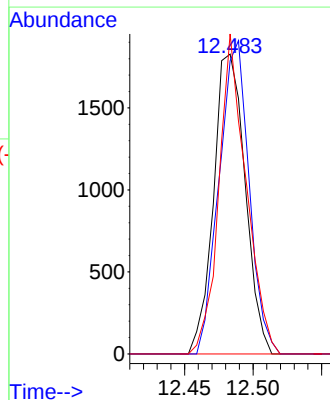
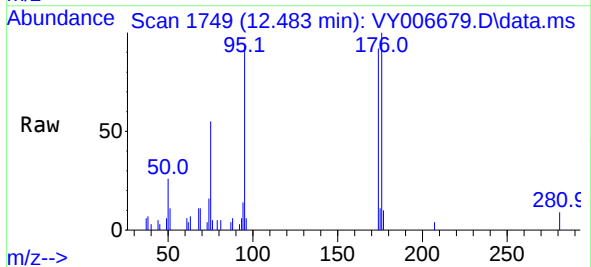
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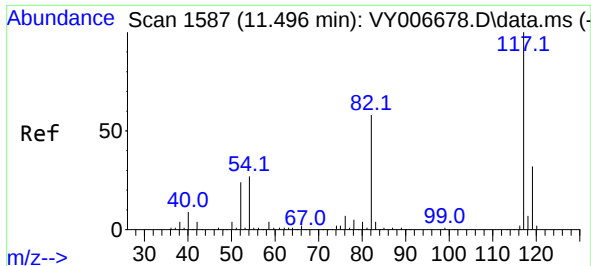
Tgt Ion: 98 Resp: 12277
Ion Ratio Lower Upper
98 100
100 65.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 34.648 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

Tgt Ion: 95 Resp: 2929
Ion Ratio Lower Upper
95 100
174 99.1 0.0 177.0
176 91.9 0.0 169.4

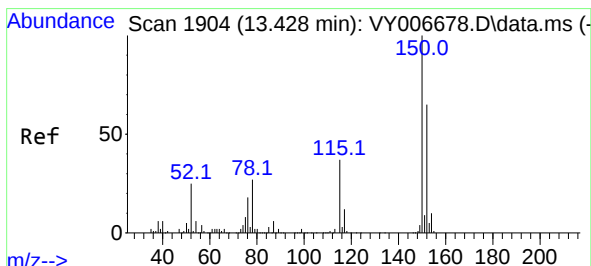
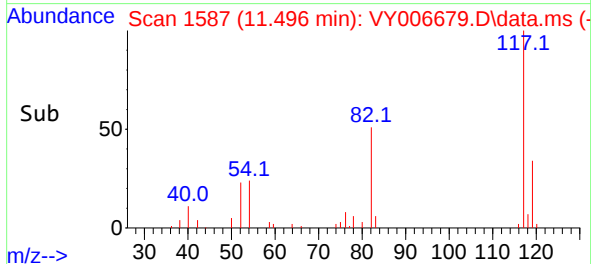
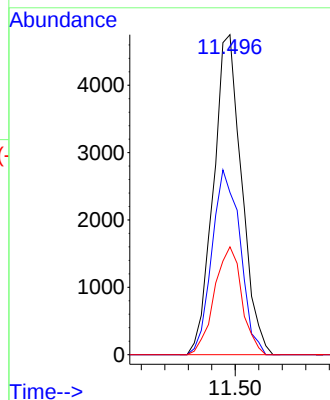
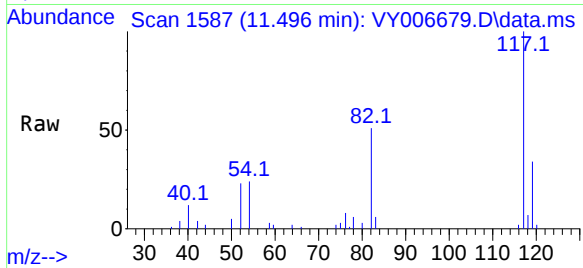




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006679.D
Acq: 08 Nov 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-110521

Tgt Ion:	117	Resp:	7917
Ion	Ratio	Lower	Upper
117	100		
82	50.7	45.7	68.5
119	33.7	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: VY006679.D
Acq: 08 Nov 2021 14:45

Tgt Ion:	152	Resp:	2536
Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.5	85.5
150	155.7	0.0	348.2

