

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006252.D
 Acq On : 01 Oct 2021 10:09
 Operator : SY/MD
 Sample : VY1001SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1001SBL01

Quant Time: Oct 02 02:09:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	116396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	190925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	177395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74489	59.793	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.580%
35) Dibromofluoromethane	7.722	113	56603	55.491	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.980%
50) Toluene-d8	10.185	98	237524	55.639	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.280%
62) 4-Bromofluorobenzene	12.483	95	73421	50.626	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.260%

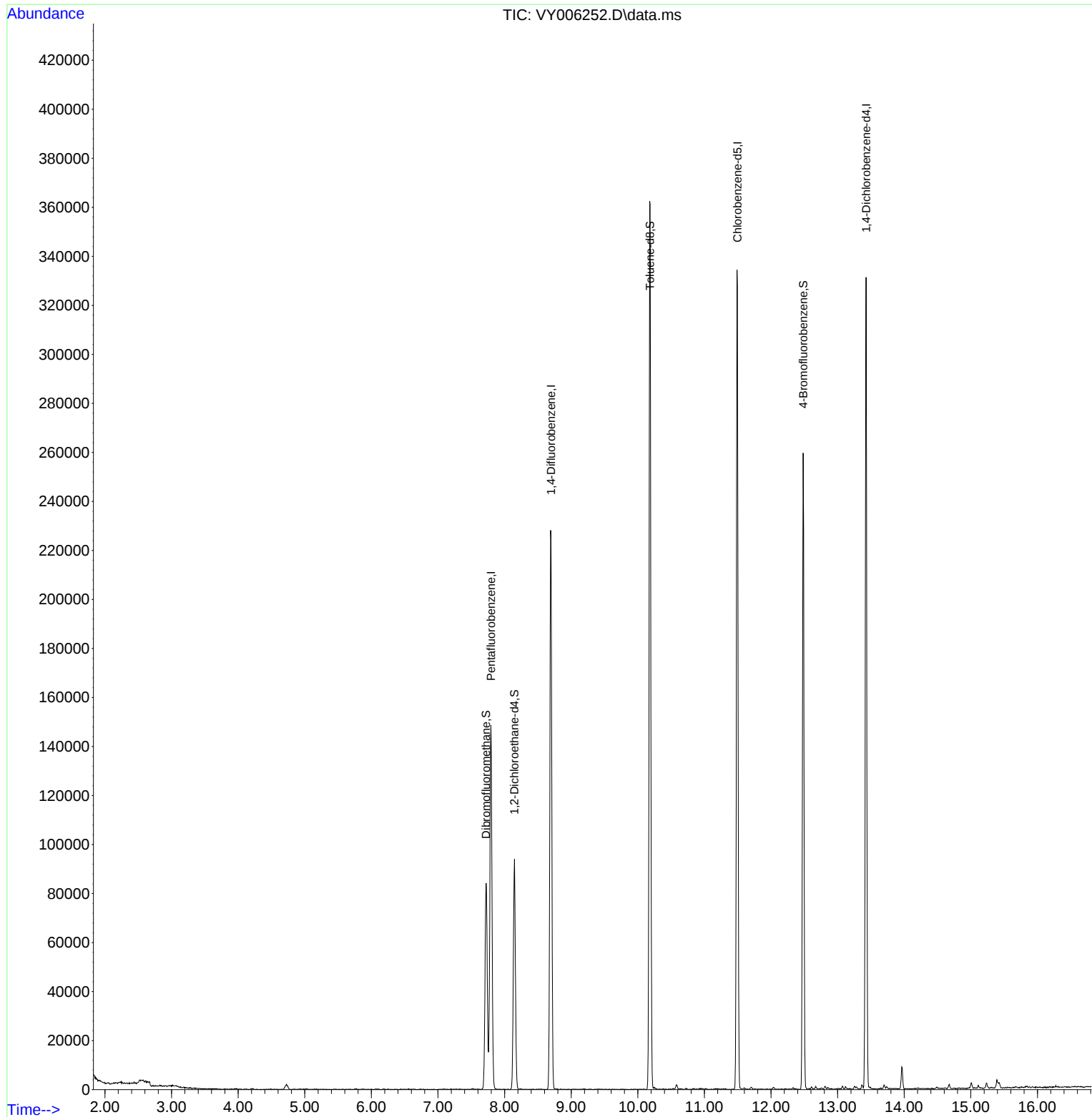
Target Compounds	Qvalue

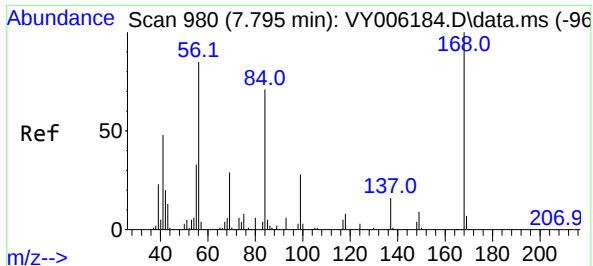
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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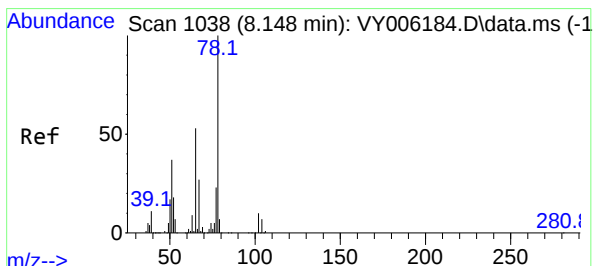
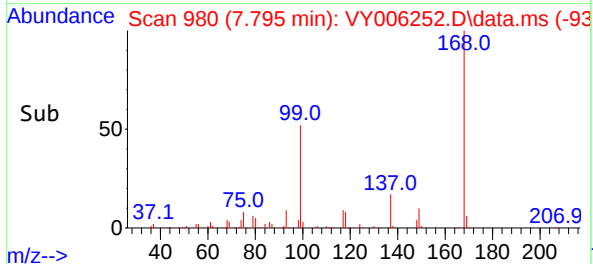
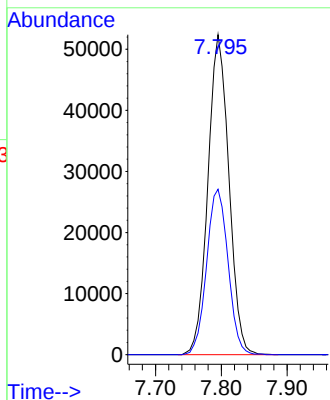
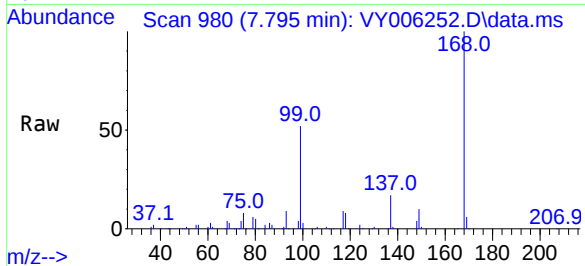




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006252.D
Acq: 01 Oct 2021 10:09

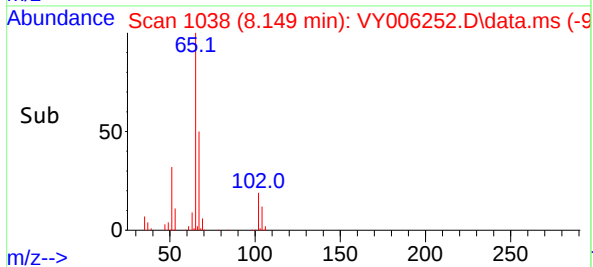
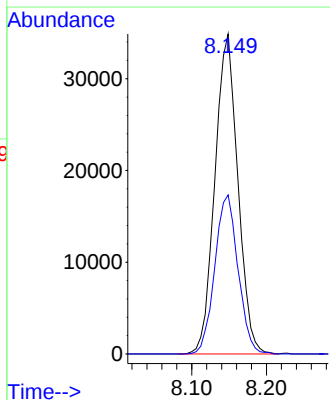
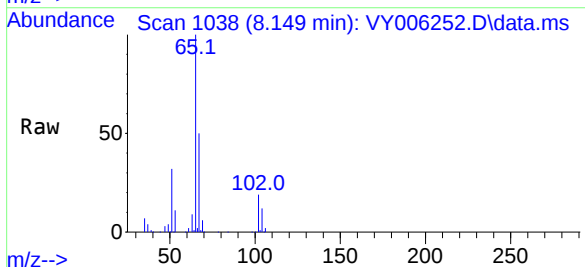
Instrument :
MSVOA_Y
ClientSampleId :
VY1001SBL01

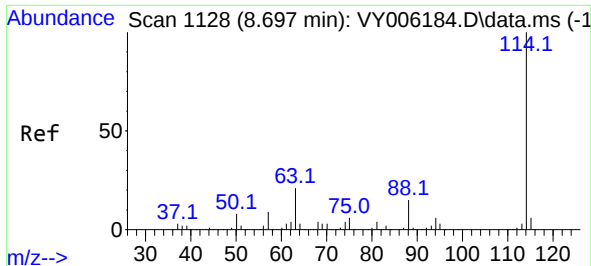
Tgt Ion:168 Resp: 116396
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.793 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006252.D
Acq: 01 Oct 2021 10:09

Tgt Ion: 65 Resp: 74489
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.4

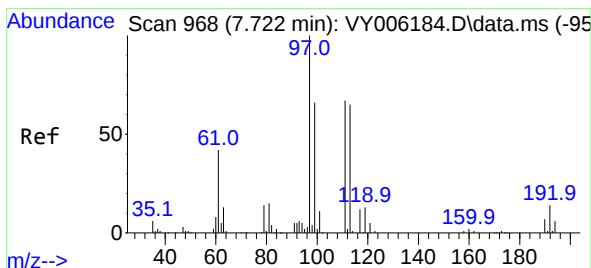
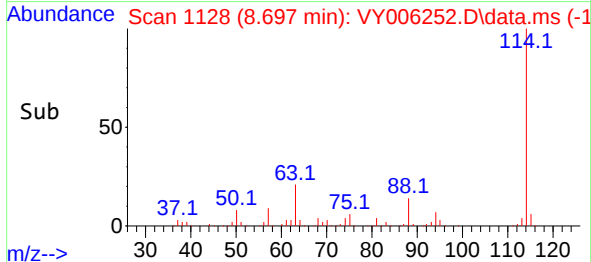
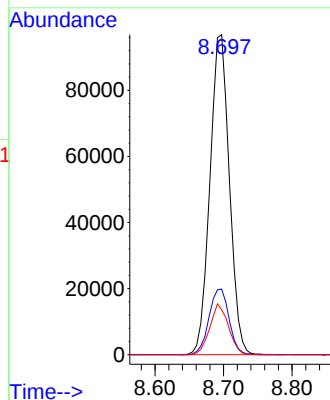
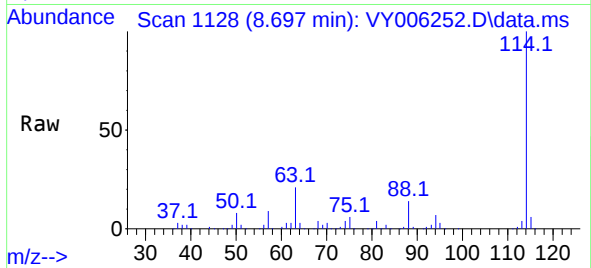




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006252.D
Acq: 01 Oct 2021 10:09

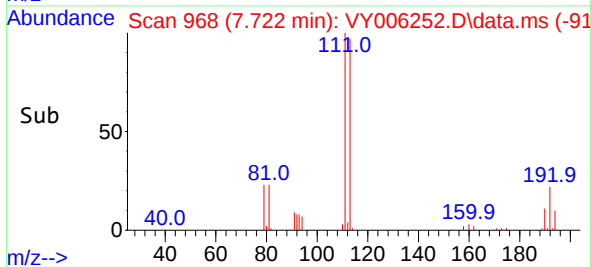
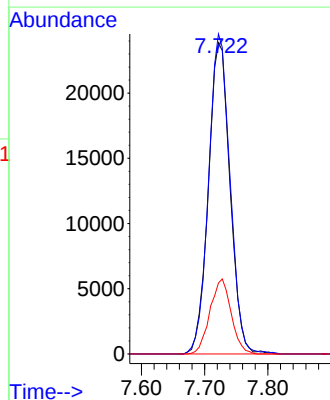
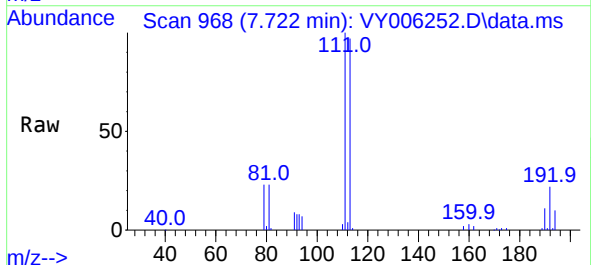
Instrument :
MSVOA_Y
ClientSampleId :
VY1001SBL01

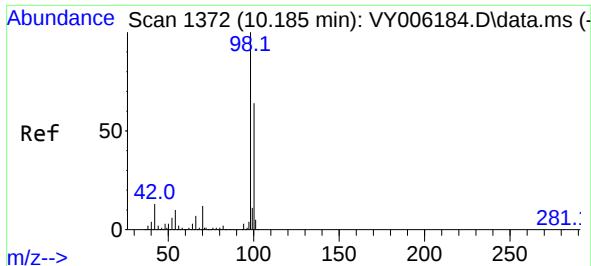
Tgt Ion:114 Resp: 190925
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.2
88 14.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 55.491 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006252.D
Acq: 01 Oct 2021 10:09

Tgt Ion:113 Resp: 56603
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 23.6 17.6 26.4

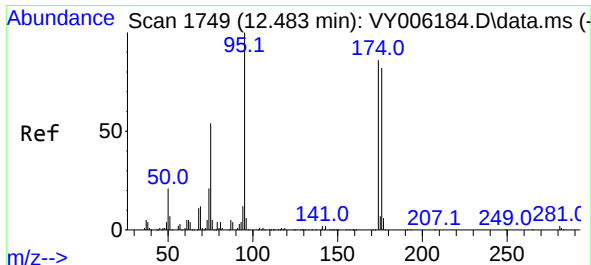
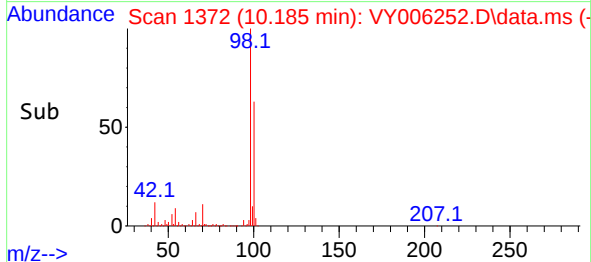
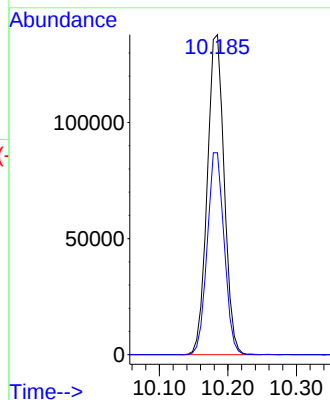
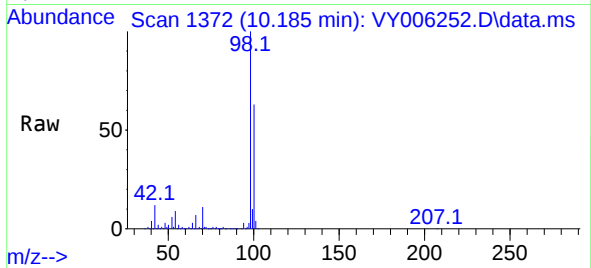




#50
Toluene-d8
Concen: 55.639 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006252.D
Acq: 01 Oct 2021 10:09

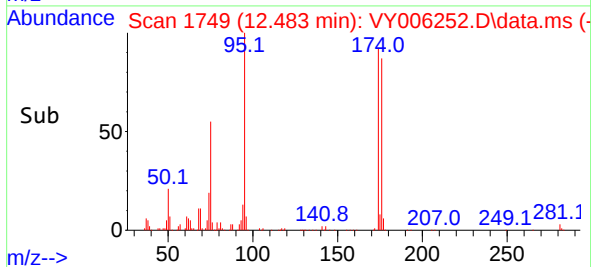
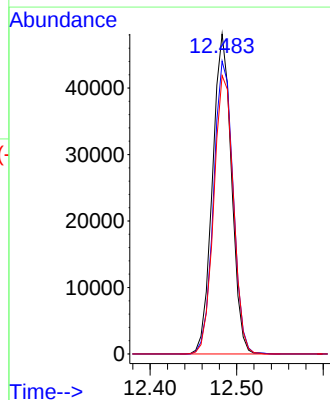
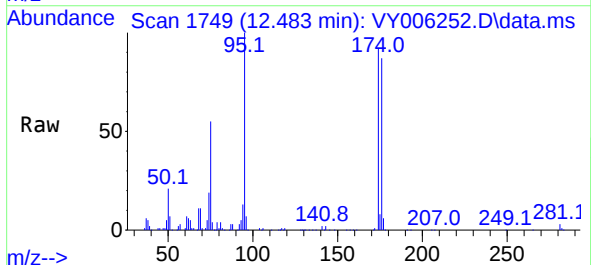
Instrument :
MSVOA_Y
ClientSampleId :
VY1001SBL01

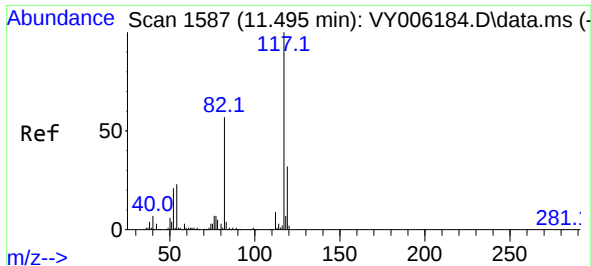
Tgt Ion: 98 Resp: 237524
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.626 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006252.D
Acq: 01 Oct 2021 10:09

Tgt Ion: 95 Resp: 73421
Ion Ratio Lower Upper
95 100
174 93.7 0.0 177.0
176 89.6 0.0 175.8

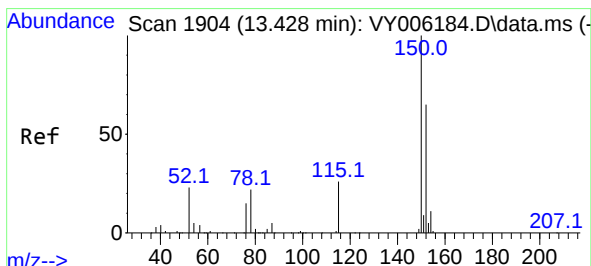
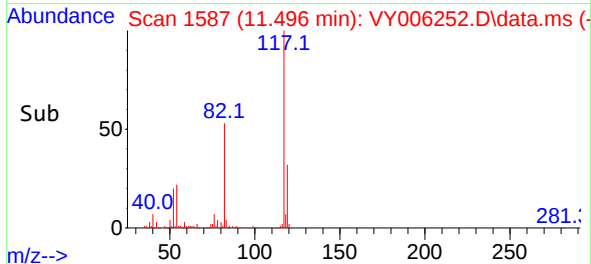
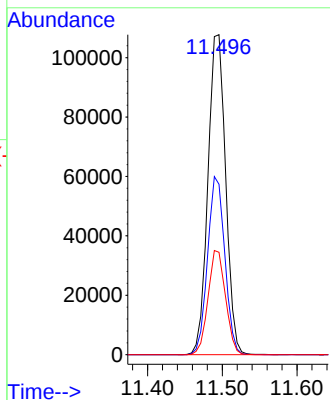
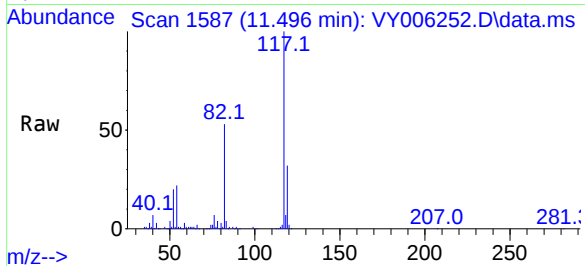




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006252.D
Acq: 01 Oct 2021 10:09

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ClientSampleId :
VY1001SBL01

Tgt Ion:	117	Resp:	177395
Ion	Ratio	Lower	Upper
117	100		
82	53.3	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: VY006252.D
Acq: 01 Oct 2021 10:09

Tgt Ion:	152	Resp:	82985
Ion	Ratio	Lower	Upper
152	100		
115	54.6	28.2	84.7
150	156.6	0.0	347.6

