

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006465.D
 Acq On : 25 Oct 2021 14:40
 Operator : SY/MD
 Sample : M4300-04
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-CD

Quant Time: Oct 26 02:44:04 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	87950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	149924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	140111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	67341	62.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.440%
35) Dibromofluoromethane	7.722	113	46135	55.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.420%
50) Toluene-d8	10.185	98	190522	53.784	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.560%
62) 4-Bromofluorobenzene	12.483	95	56868	47.657	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.320%

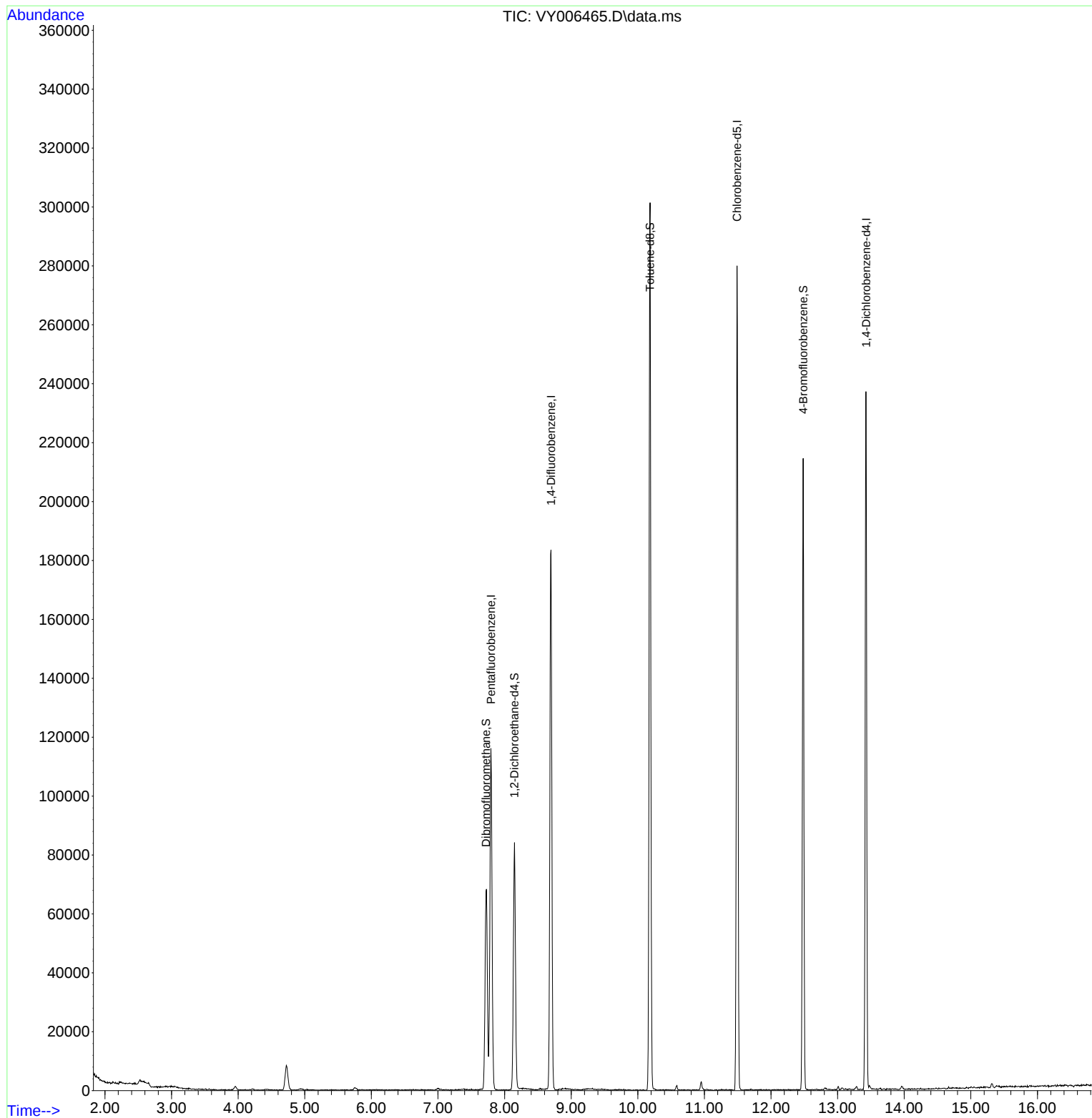
Target Compounds	Qvalue

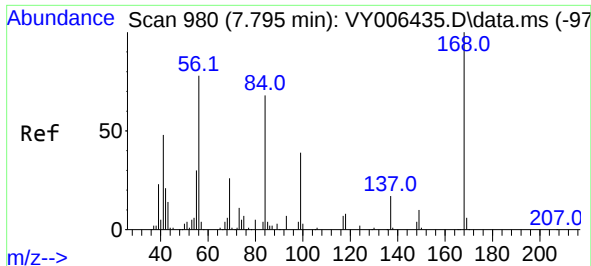
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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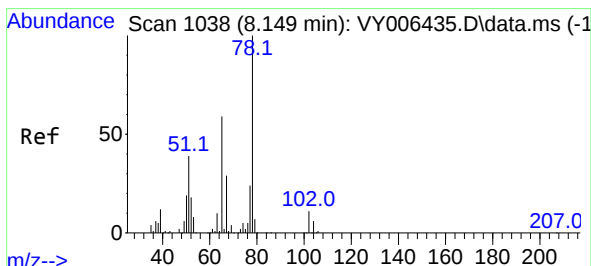
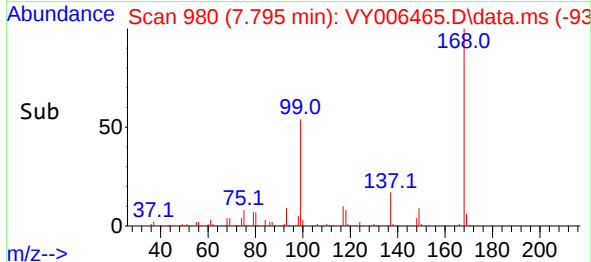
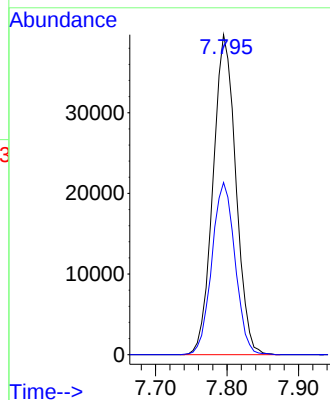
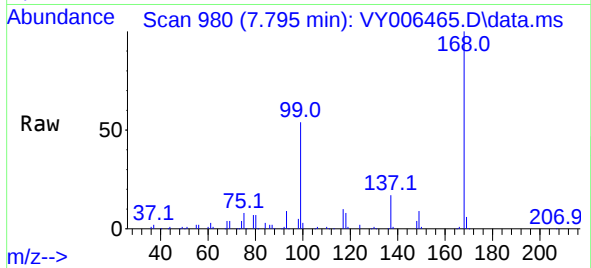




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

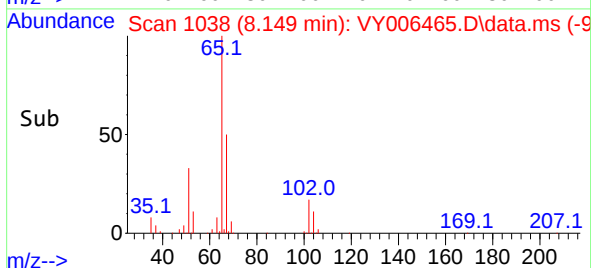
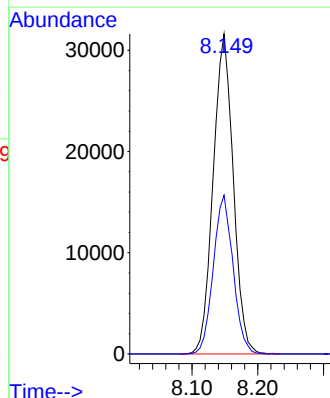
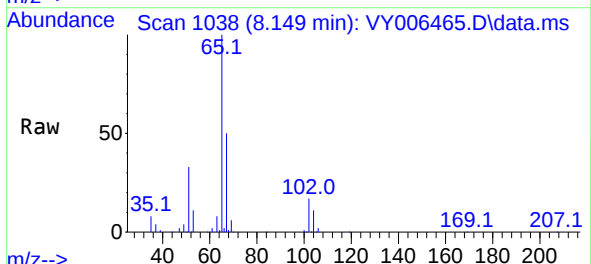
Instrument :
MSVOA_Y
ClientSampleId :
TH-CD

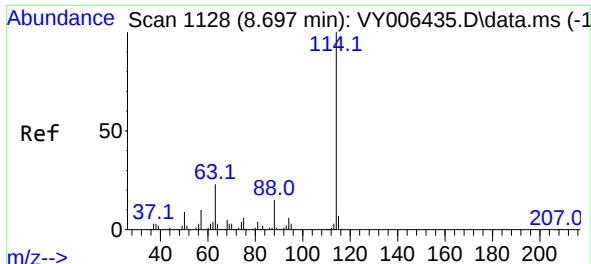
Tgt Ion:168 Resp: 87950
Ion Ratio Lower Upper
168 100
99 53.8 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 62.221 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

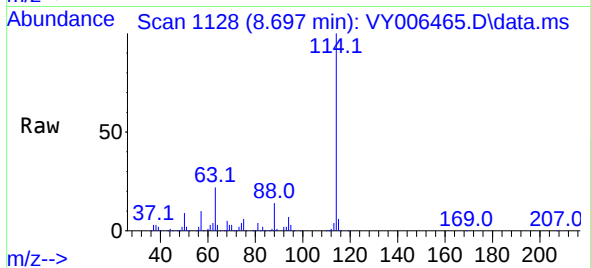
Tgt Ion: 65 Resp: 67341
Ion Ratio Lower Upper
65 100
67 48.7 0.0 98.2



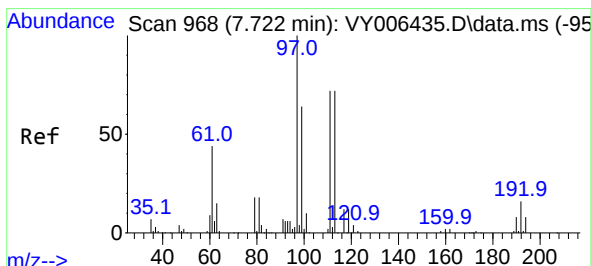
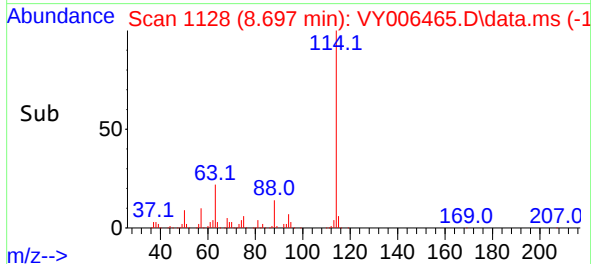
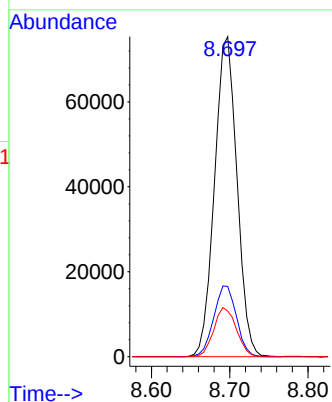


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

Instrument :
MSVOA_Y
ClientSampleId :
TH-CD

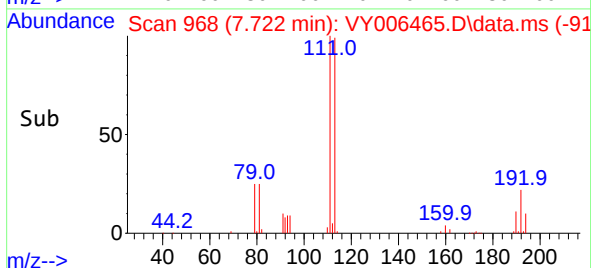
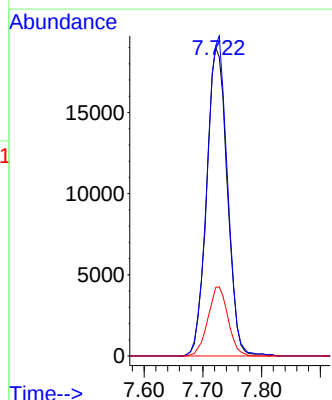
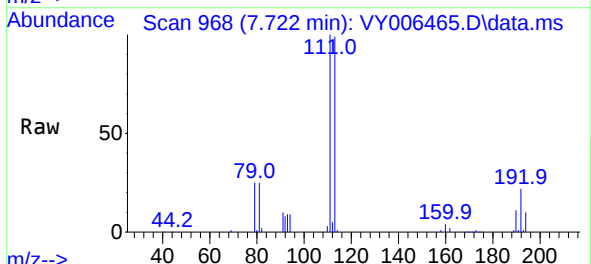


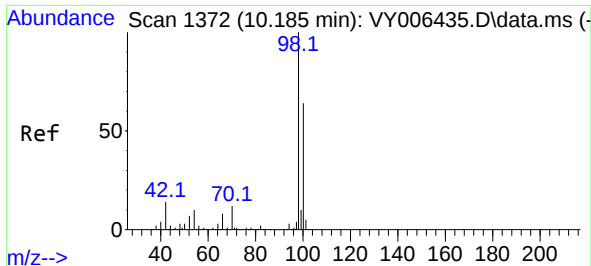
Tgt Ion:114 Resp: 149924
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 14.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.210 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

Tgt Ion:113 Resp: 46135
Ion Ratio Lower Upper
113 100
111 102.9 82.3 123.5
192 21.9 17.4 26.2

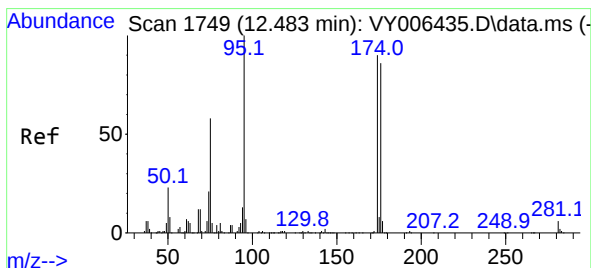
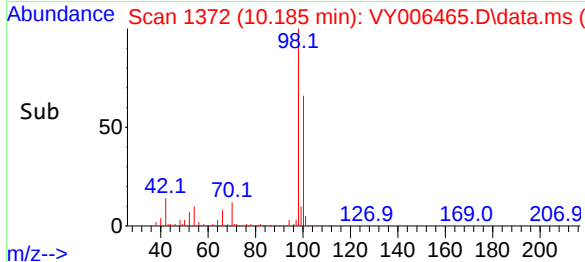
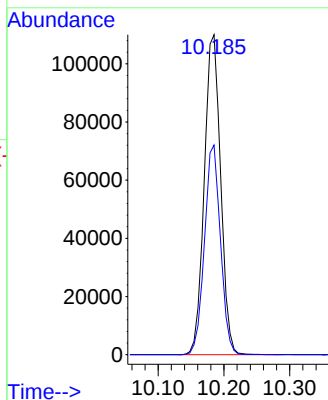
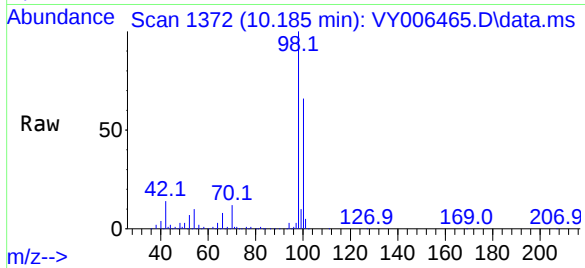




#50
Toluene-d8
Concen: 53.784 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

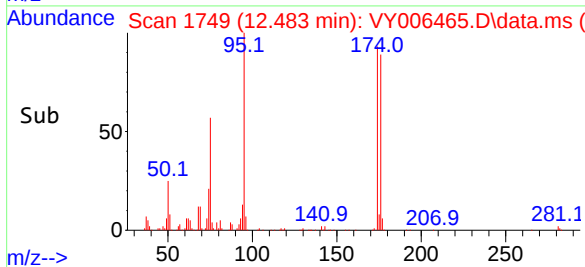
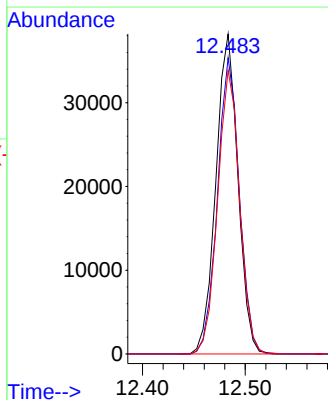
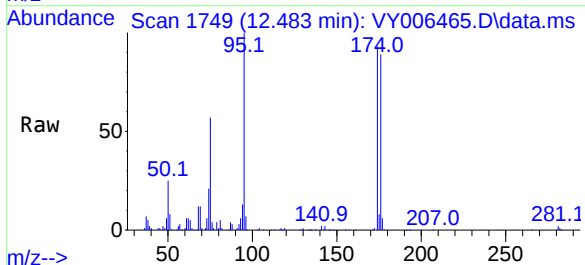
Instrument :
MSVOA_Y
ClientSampled :
TH-CD

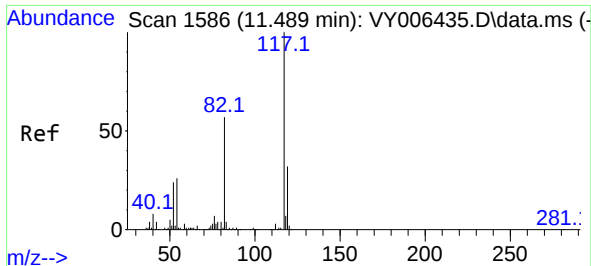
Tgt Ion: 98 Resp: 190522
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.657 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

Tgt Ion: 95 Resp: 56868
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 88.3 0.0 169.4

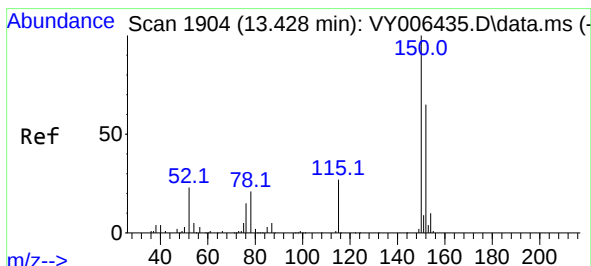
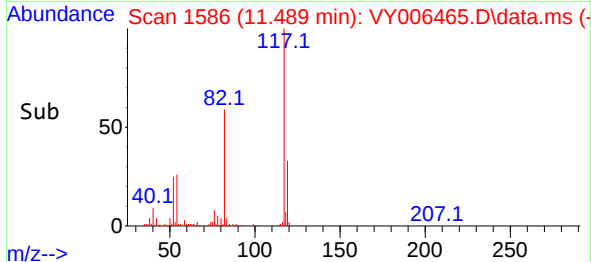
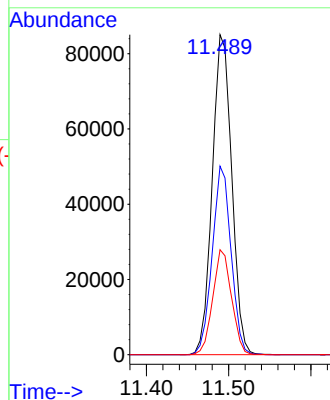
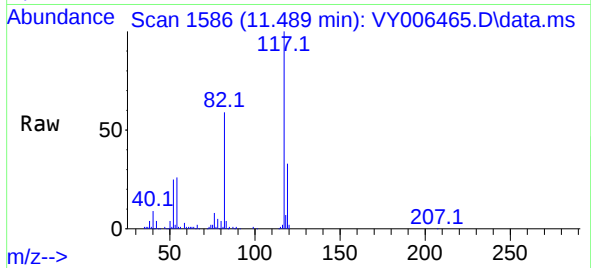




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006465.D
Acq: 25 Oct 2021 14:40

Instrument :
MSVOA_Y
ClientSampleId :
TH-CD

Tgt Ion:	117	Resp:	140111
Ion Ratio	Lower	Upper	
117	100		
82	58.9	45.7	68.5
119	32.8	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: VY006465.D
Acq: 25 Oct 2021 14:40

Tgt Ion:	152	Resp:	59933
Ion Ratio	Lower	Upper	
152	100		
115	55.1	28.5	85.5
150	155.9	0.0	348.2

