

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101021\
 Data File : VY006362.D
 Acq On : 08 Oct 2021 18:09
 Operator : SY/MD
 Sample : M4117-09
 Misc : 4.77G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3(6.5-7.0)

Quant Time: Oct 11 03:20:13 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	108557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	183705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	175090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81447	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80329	69.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.280%
35) Dibromofluoromethane	7.722	113	56011	57.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.140%
50) Toluene-d8	10.185	98	234800	57.162	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.320%
62) 4-Bromofluorobenzene	12.483	95	74452	53.355	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.720%

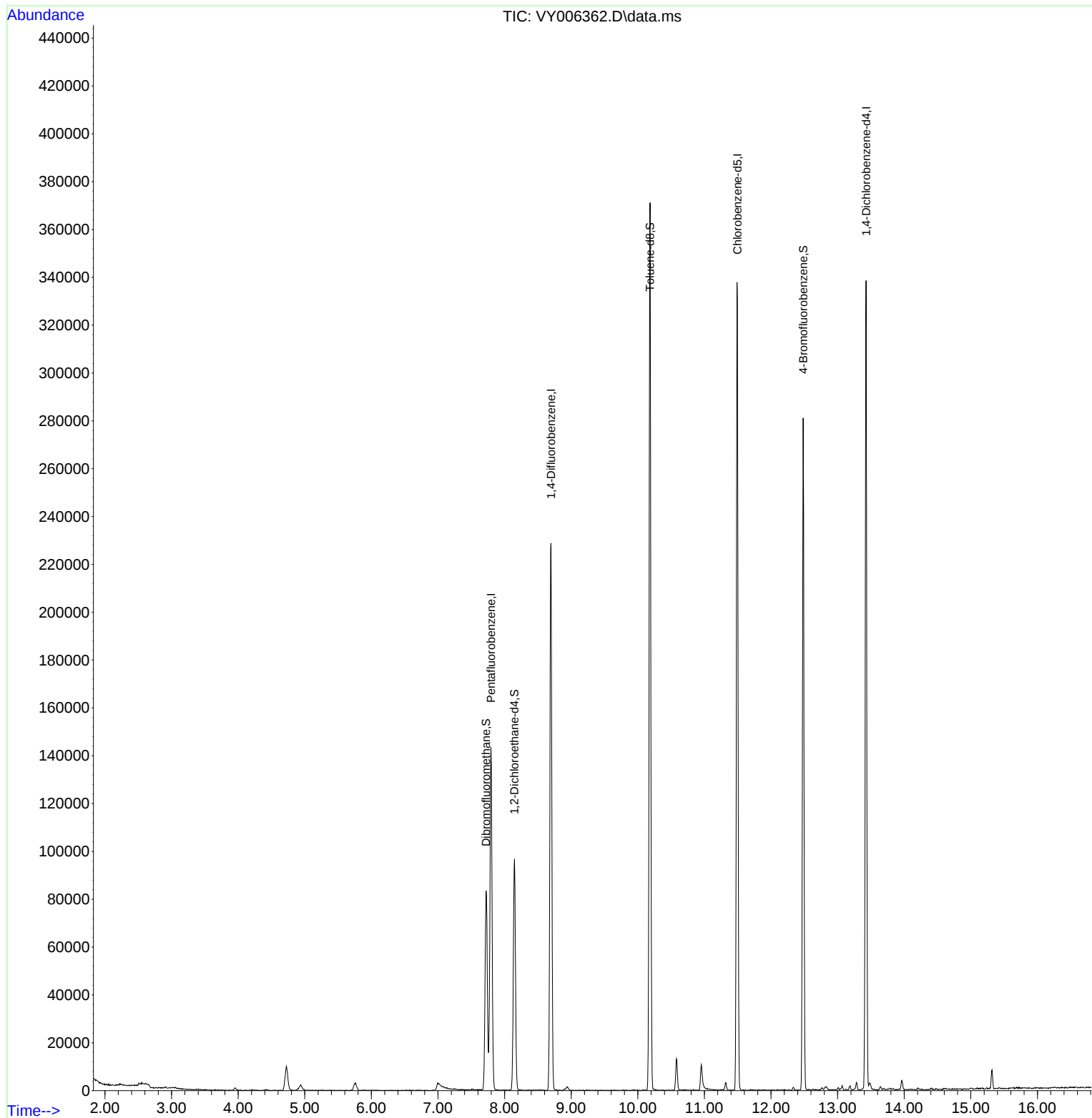
Target Compounds	Qvalue

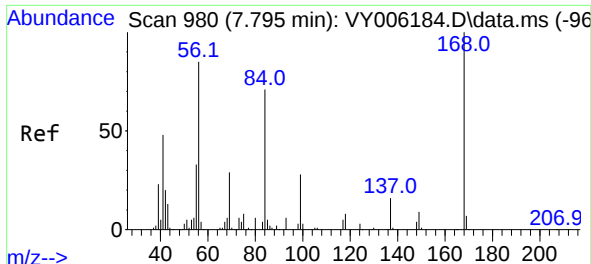
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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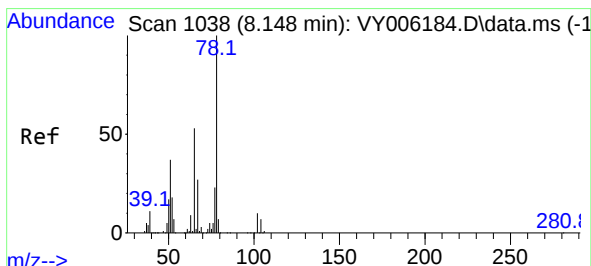
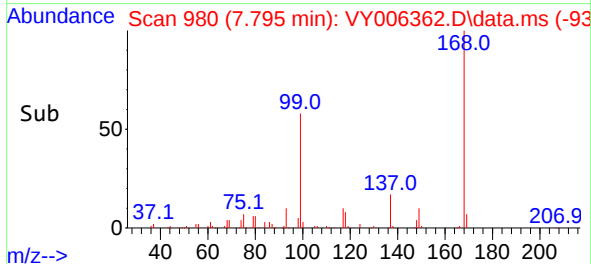
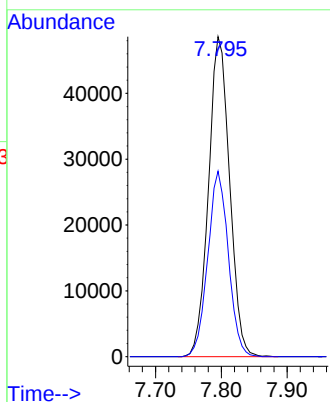
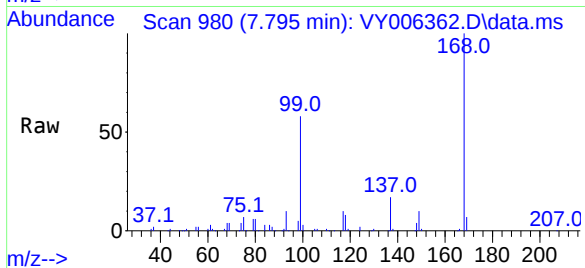




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

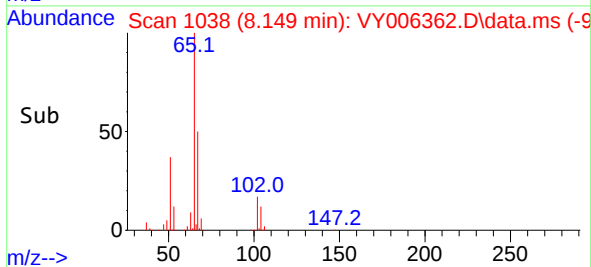
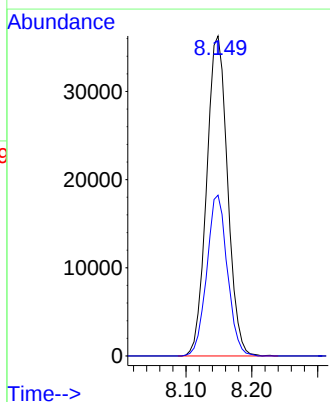
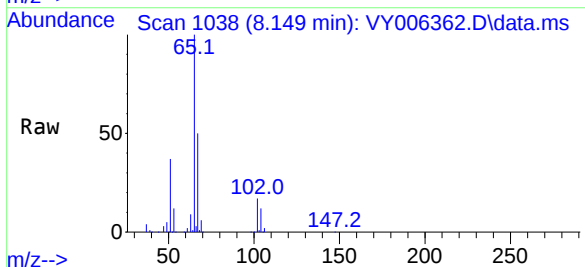
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(6.5-7.0)

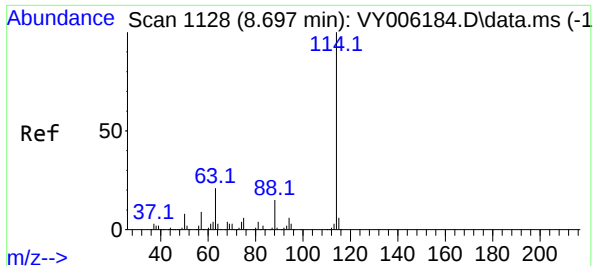
Tgt Ion:168 Resp: 108557
Ion Ratio Lower Upper
168 100
99 57.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 69.137 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

Tgt Ion: 65 Resp: 80329
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4

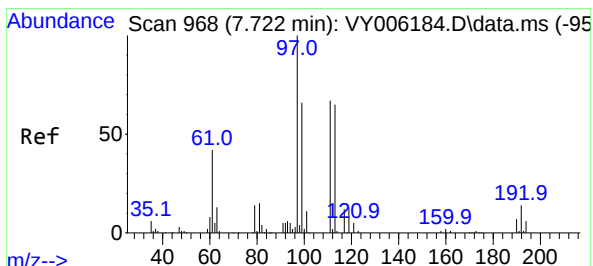
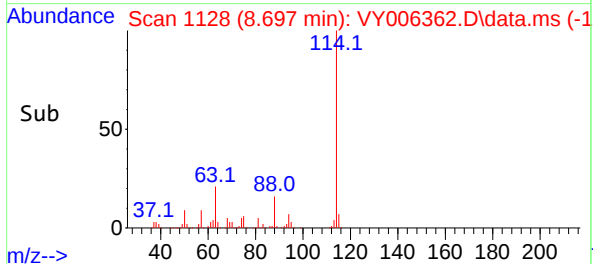
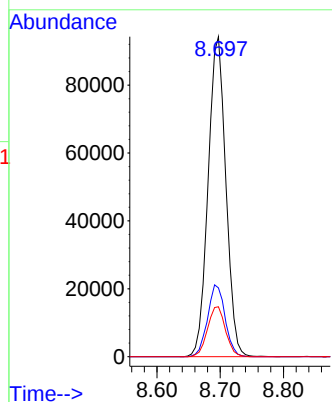
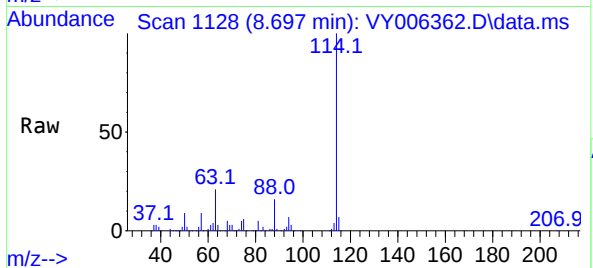




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

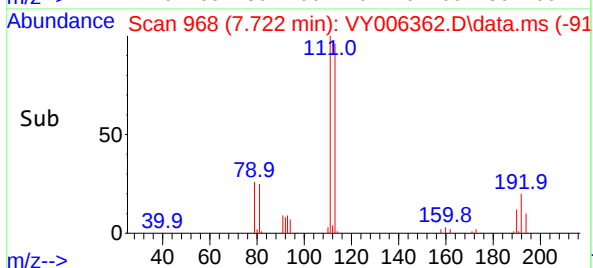
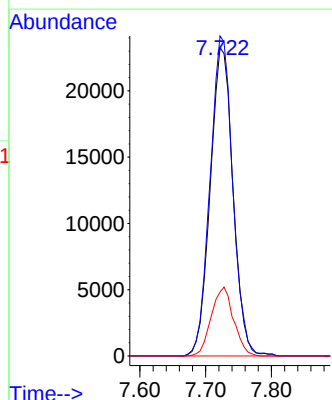
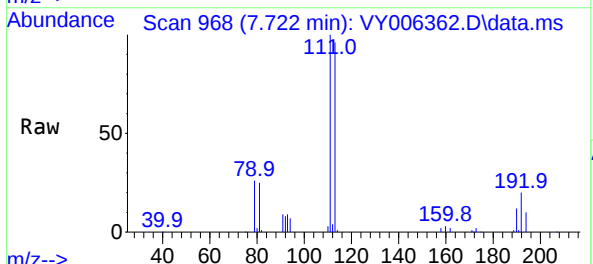
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ClientSampleId :
SB-3(6.5-7.0)

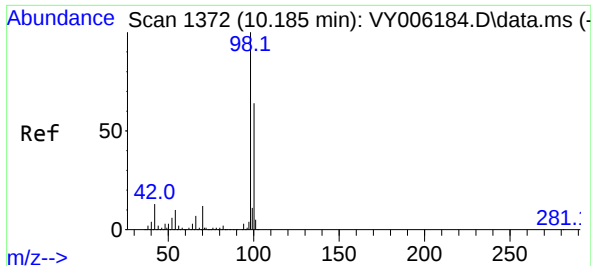
Tgt Ion:	114	Resp:	183705
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.2
88	15.6	0.0	31.8



#35
Dibromofluoromethane
Concen: 57.069 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

Tgt Ion:	113	Resp:	56011
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	21.9	17.6	26.4

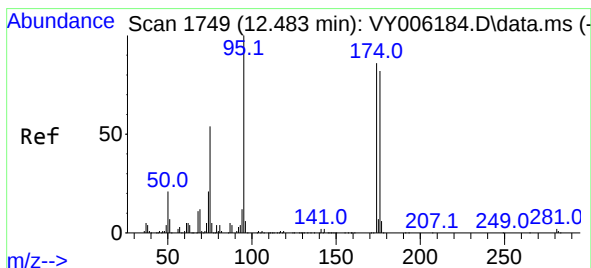
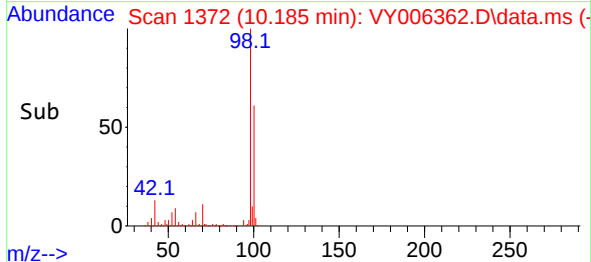
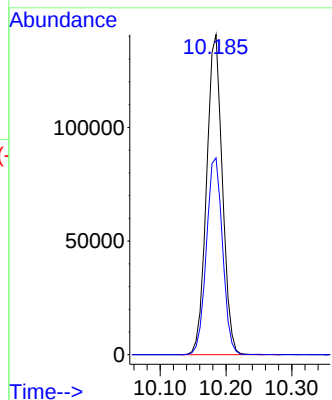
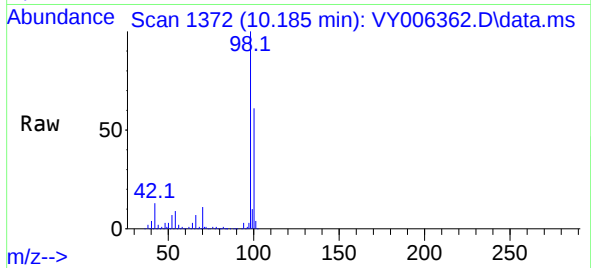




#50
Toluene-d8
Concen: 57.162 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

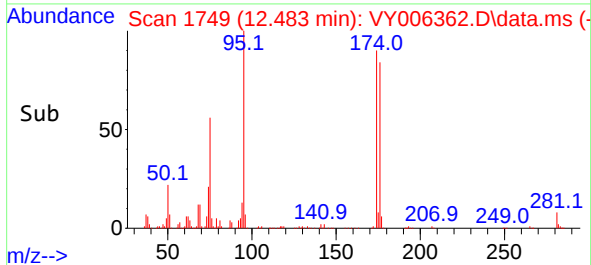
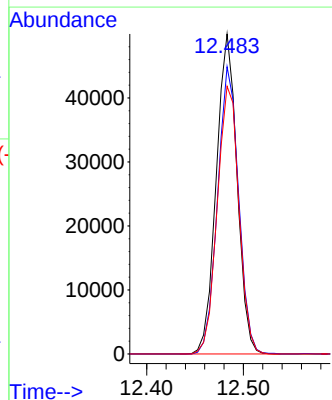
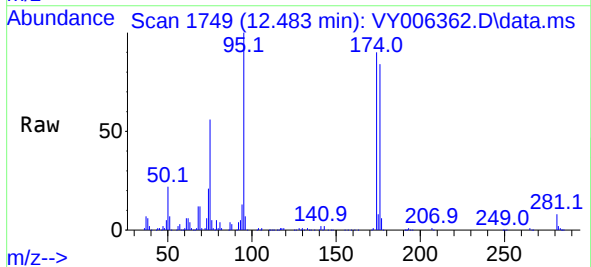
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(6.5-7.0)

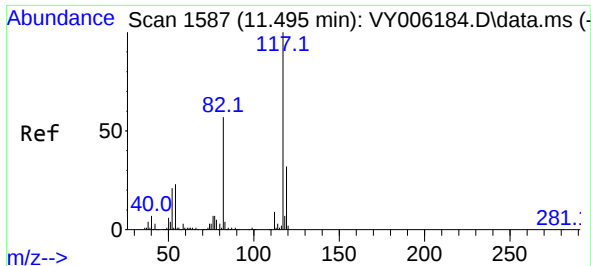
Tgt Ion: 98 Resp: 234800
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.355 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

Tgt Ion: 95 Resp: 74452
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 87.0 0.0 175.8



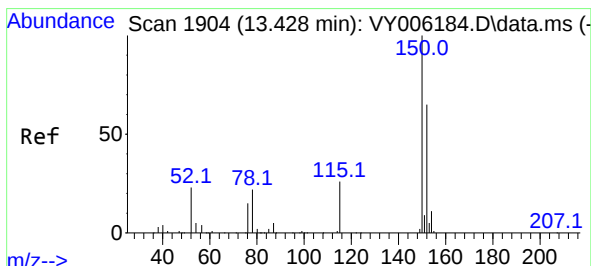
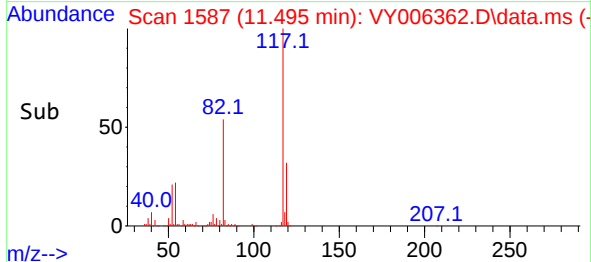
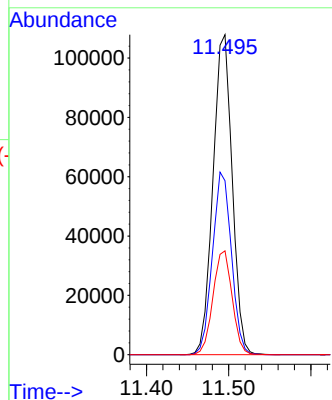
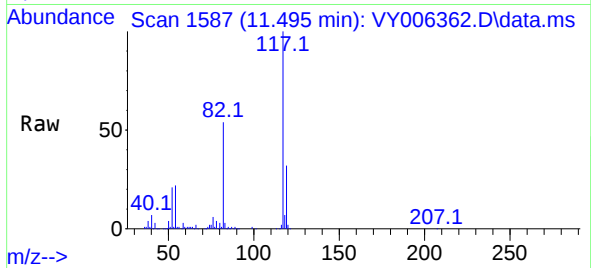


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

Instrument :
MSVOA_Y
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Tgt Ion:117 Resp: 175090

Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.0	64.4
119	32.4	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: VY006362.D
Acq: 08 Oct 2021 18:09

Tgt Ion:152 Resp: 81447

Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.2	84.7
150	159.9	0.0	347.6

