

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
 Data File : VY005554.D
 Acq On : 05 Aug 2021 14:40
 Operator : SY/MD
 Sample : M3289-13
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 25082

Quant Time: Aug 06 04:39:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	239615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	393898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	388040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	194039	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130931	53.981	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.960%
35) Dibromofluoromethane	7.728	113	118271	53.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.260%
50) Toluene-d8	10.185	98	504821	54.581	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.160%
62) 4-Bromofluorobenzene	12.483	95	176068	57.486	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.980%

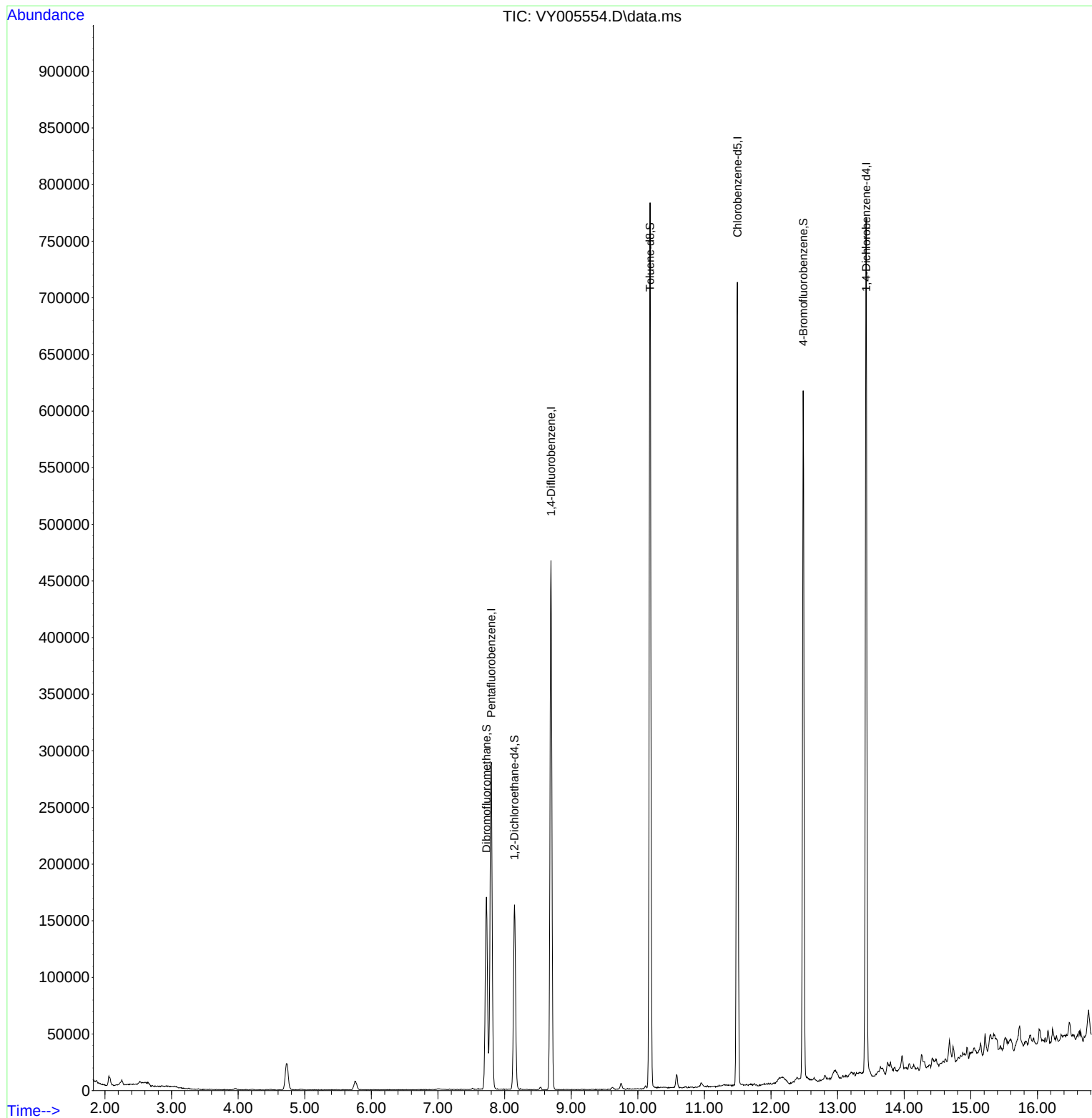
Target Compounds	Qvalue

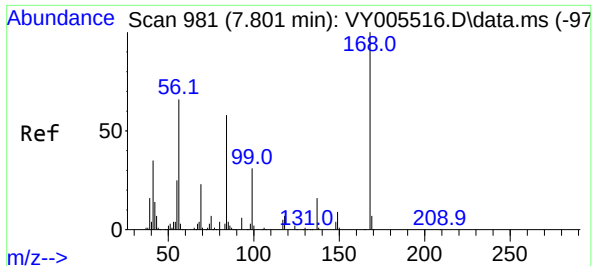
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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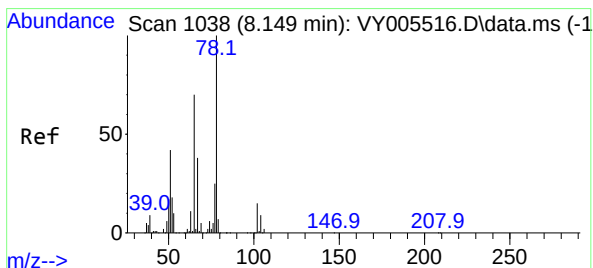
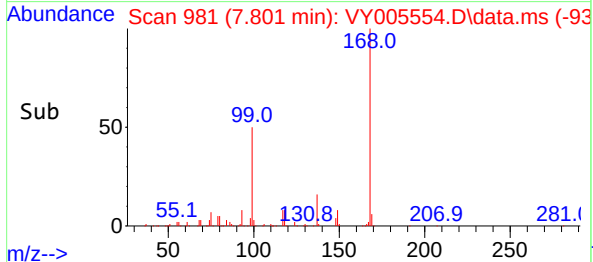
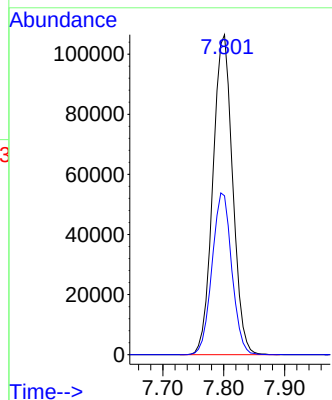
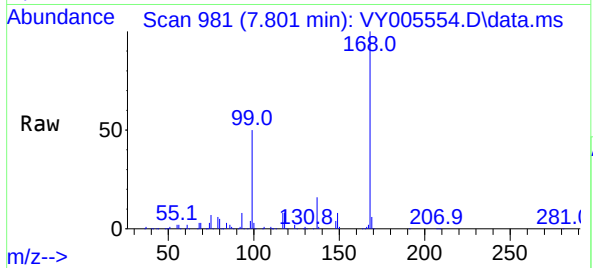




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

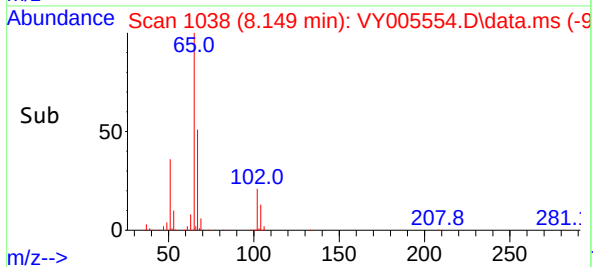
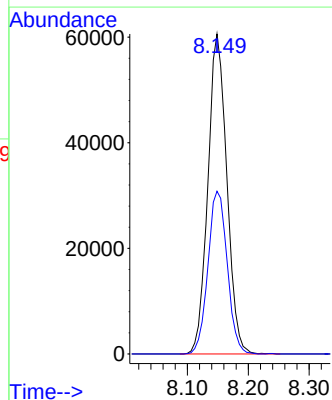
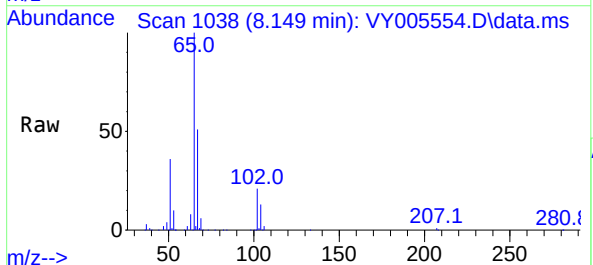
Instrument :
MSVOA_Y
ClientSampleId :
25082

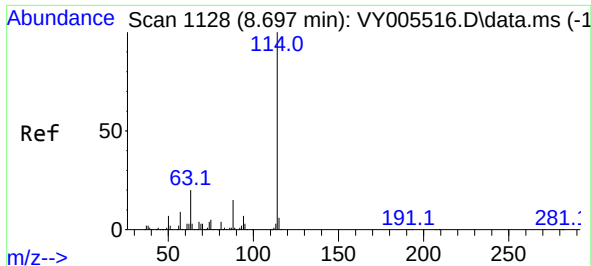
Tgt Ion:168 Resp: 239615
Ion Ratio Lower Upper
168 100
99 49.7 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 53.981 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

Tgt Ion: 65 Resp: 130931
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4

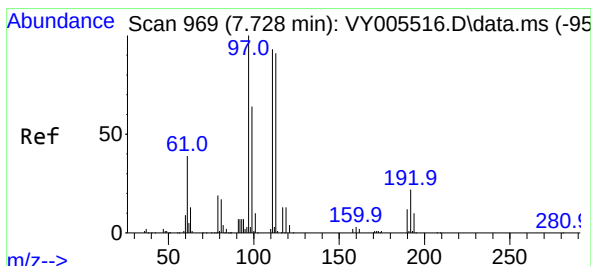
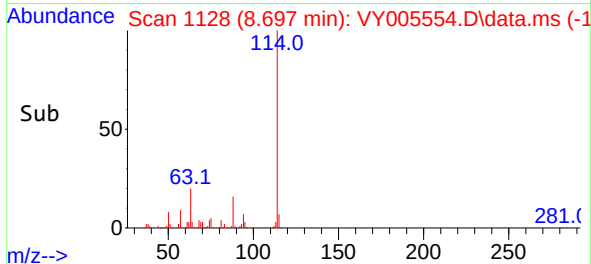
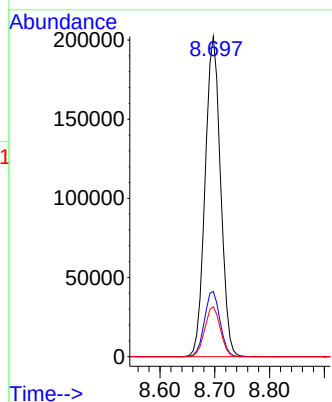
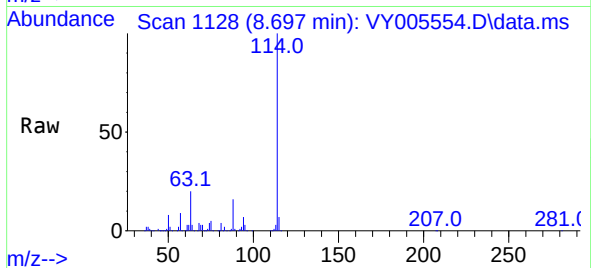




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

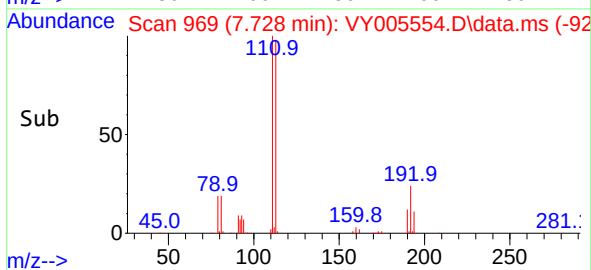
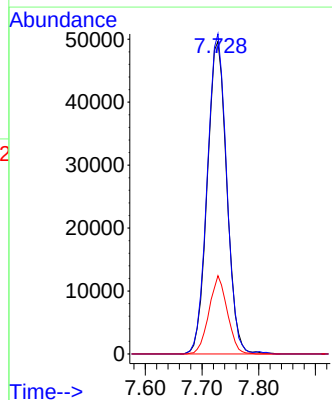
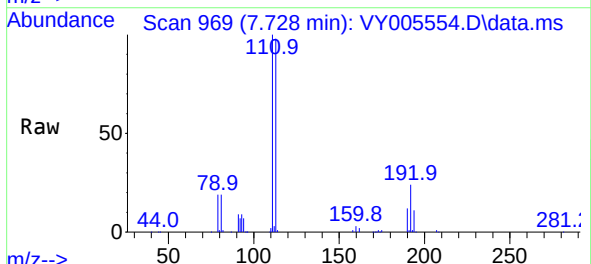
Instrument :
MSVOA_Y
ClientSampleId :
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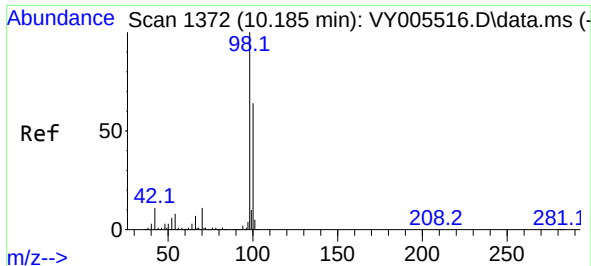
Tgt Ion:	114	Resp:	393898
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.2
88	15.6	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.629 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

Tgt Ion:	113	Resp:	118271
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	23.5	19.2	28.8

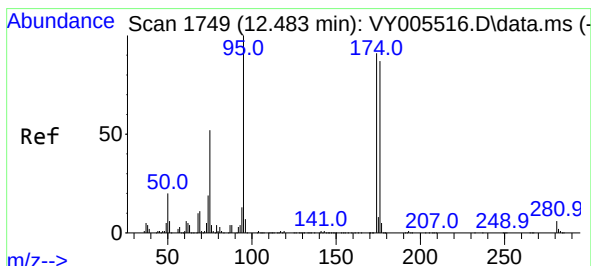
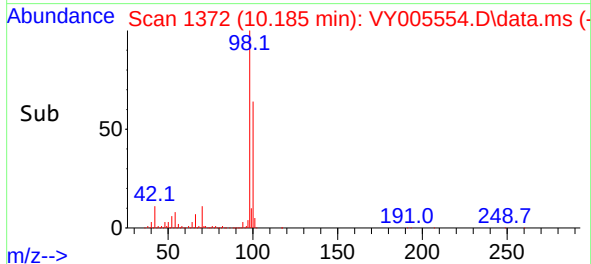
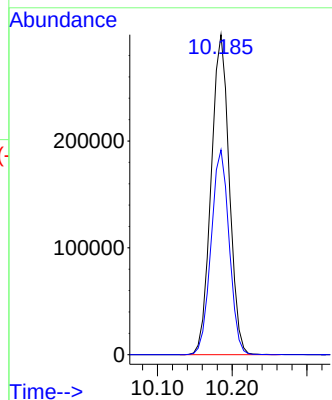
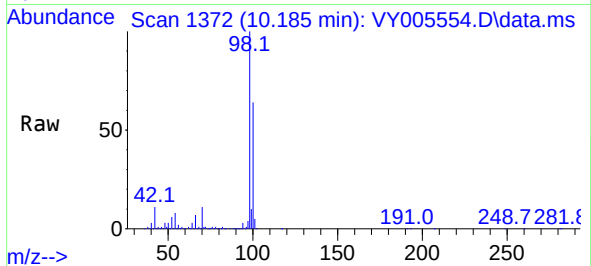




#50
Toluene-d8
Concen: 54.581 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

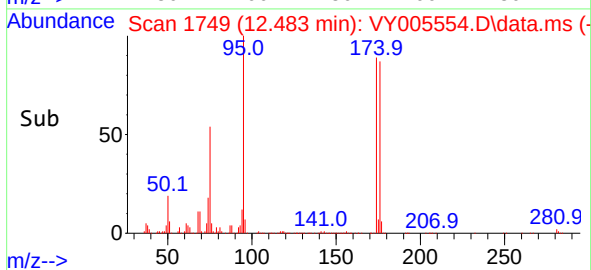
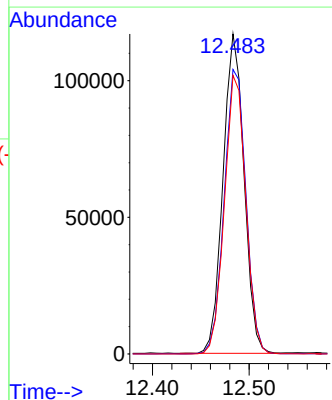
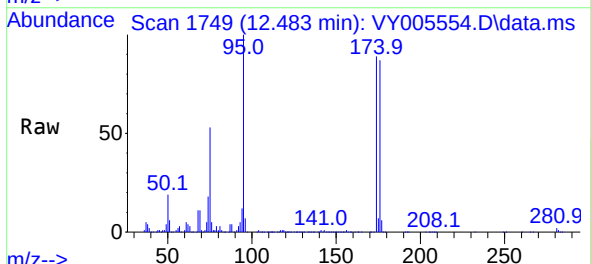
Instrument :
MSVOA_Y
ClientSampleId :
25082

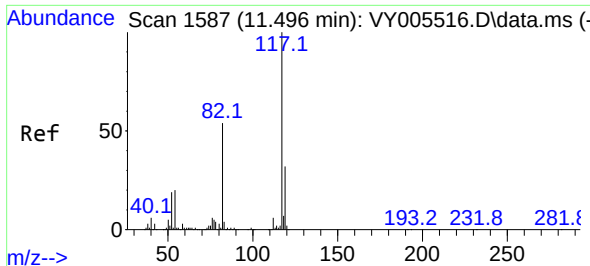
Tgt Ion: 98 Resp: 504821
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 57.486 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

Tgt Ion: 95 Resp: 176068
Ion Ratio Lower Upper
95 100
174 92.3 0.0 191.4
176 88.7 0.0 183.6

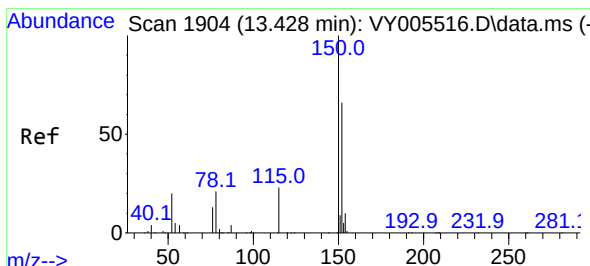
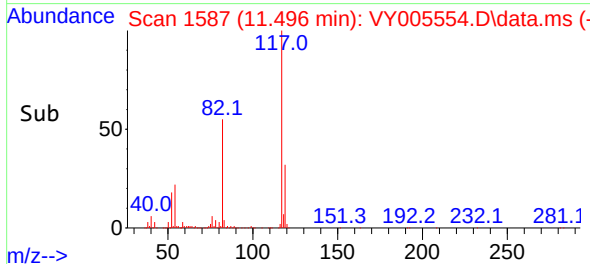
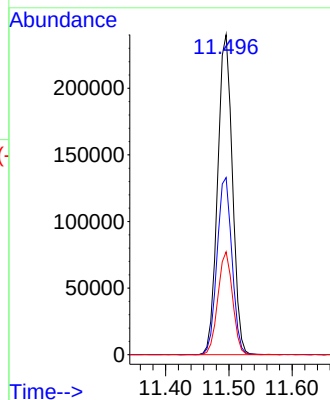
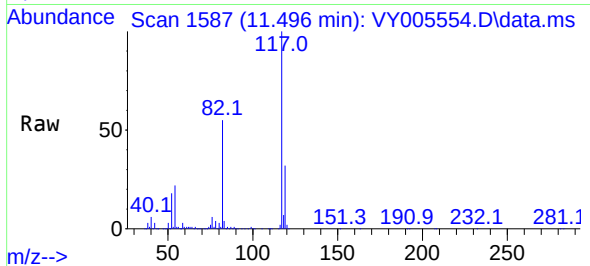




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005554.D
Acq: 05 Aug 2021 14:40

Instrument :
MSVOA_Y
ClientSampleId :
25082

Tgt Ion:	117	Resp:	388040
Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.5	65.3
119	32.1	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: VY005554.D
Acq: 05 Aug 2021 14:40

Tgt Ion:	152	Resp:	194039
Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.3	81.9
150	156.3	0.0	350.2

