

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005810.D
 Acq On : 24 Aug 2021 10:25
 Operator : SY/MD
 Sample : VY0824SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0824SBL01

Quant Time: Aug 25 04:28:05 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	7.795	168	198226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	338363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	346310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	178031	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	121203	60.404	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.800%
35) Dibromofluoromethane	7.722	113	101686	53.677	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.360%
50) Toluene-d8	10.185	98	432180	54.396	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.800%
62) 4-Bromofluorobenzene	12.483	95	149387	56.780	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.560%

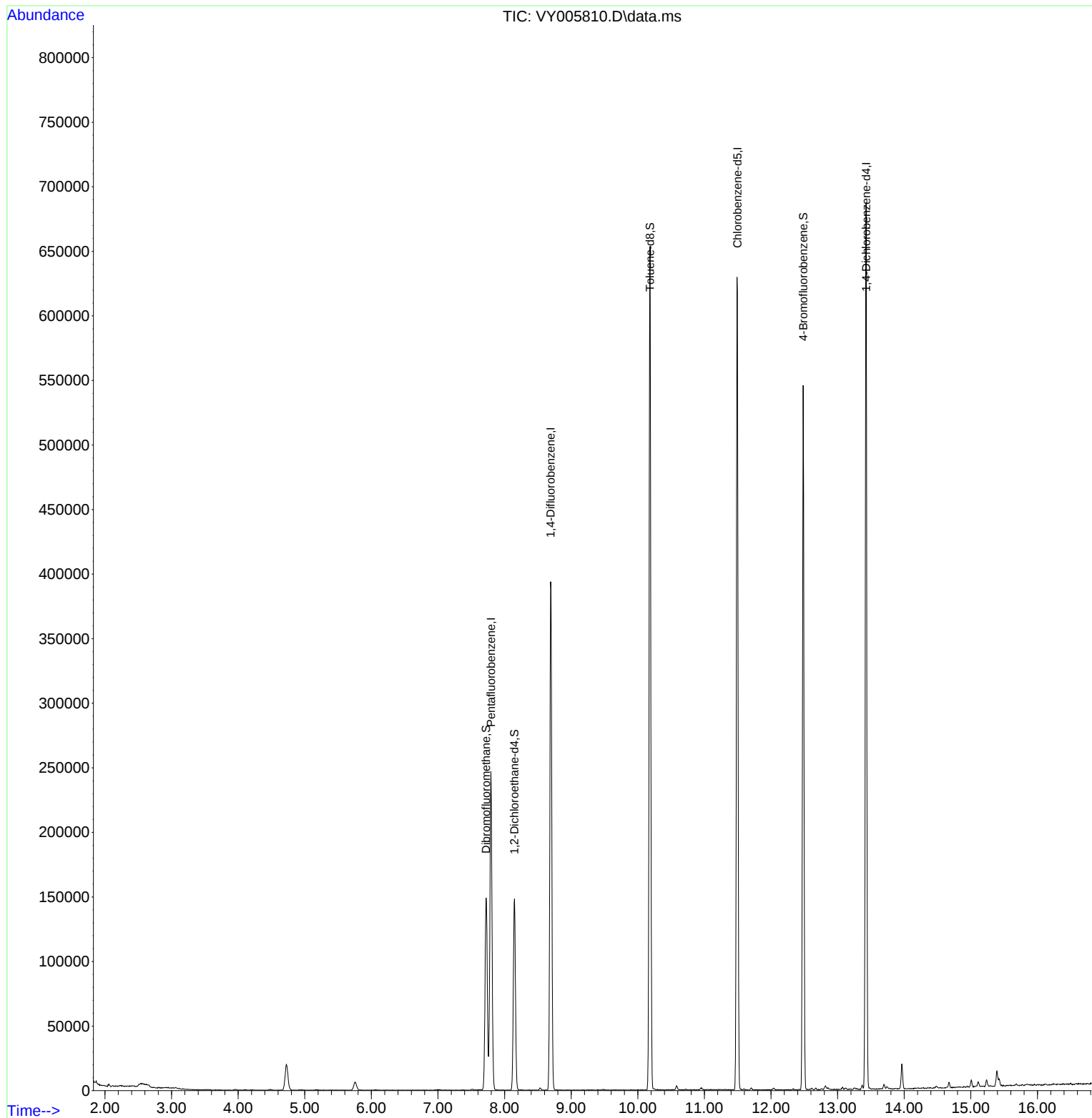
Target Compounds	Qvalue

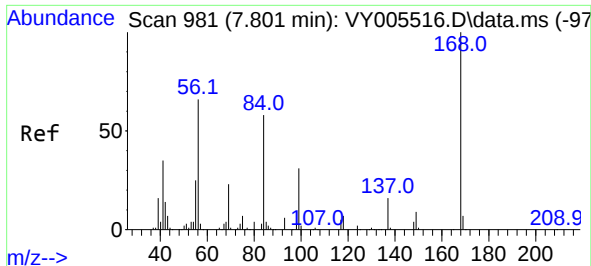
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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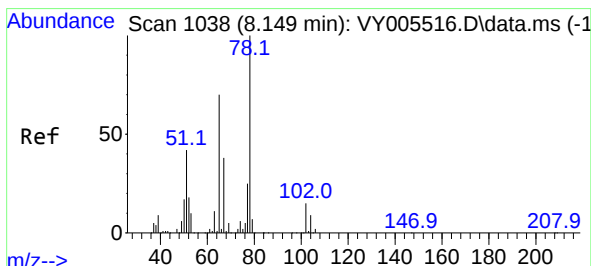
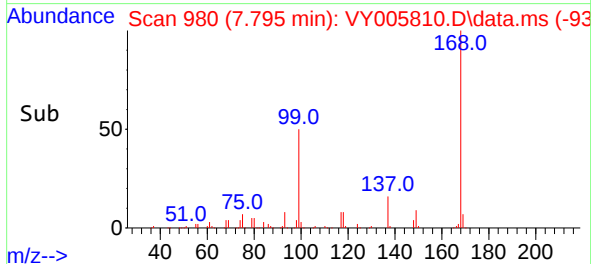
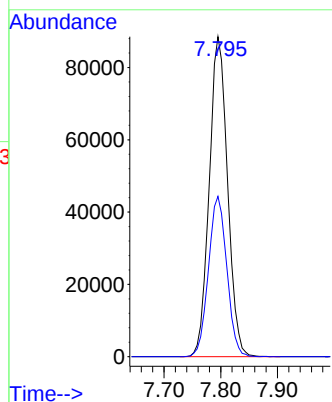
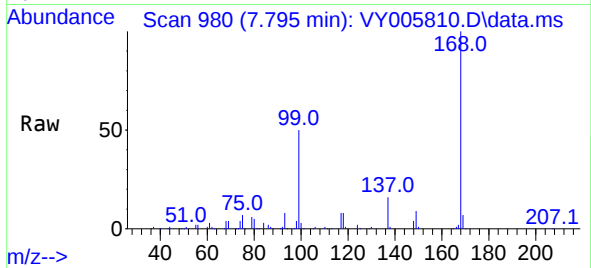




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005810.D
Acq: 24 Aug 2021 10:25

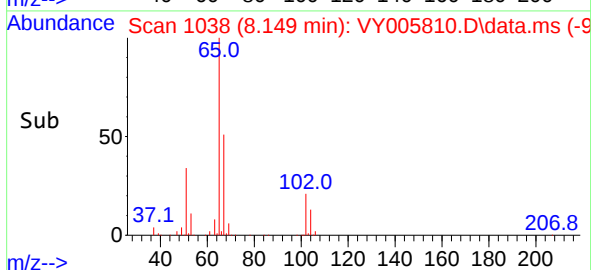
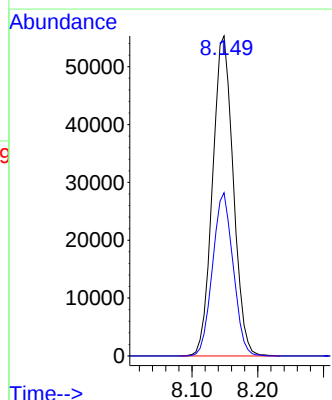
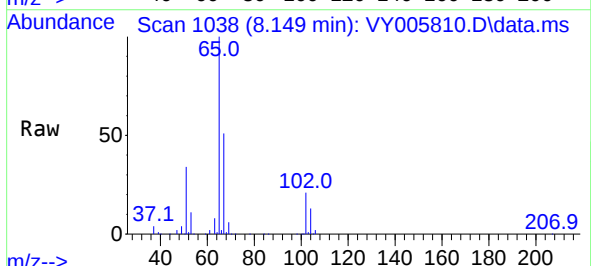
Instrument :
MSVOA_Y
ClientSampleId :
VY0824SBL01

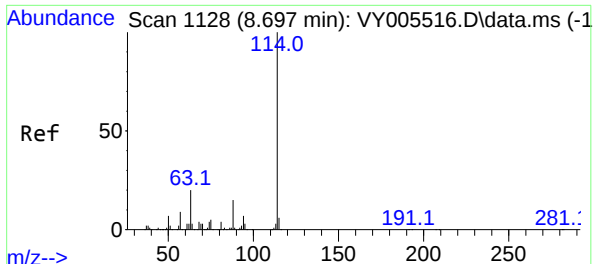
Tgt Ion:168 Resp: 198226
Ion Ratio Lower Upper
168 100
99 50.1 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 60.404 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005810.D
Acq: 24 Aug 2021 10:25

Tgt Ion: 65 Resp: 121203
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4

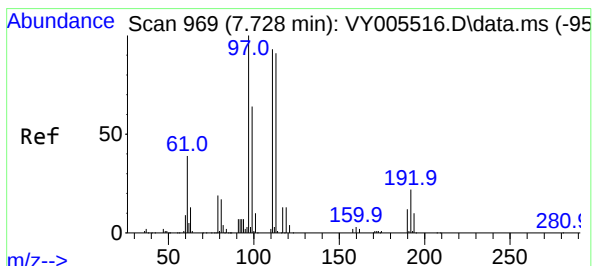
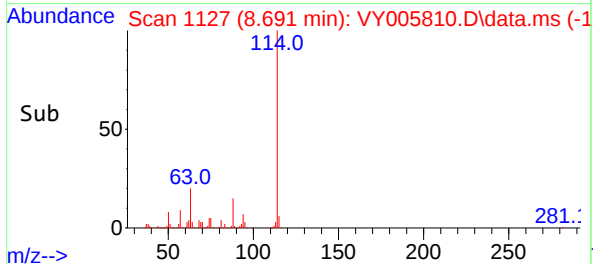
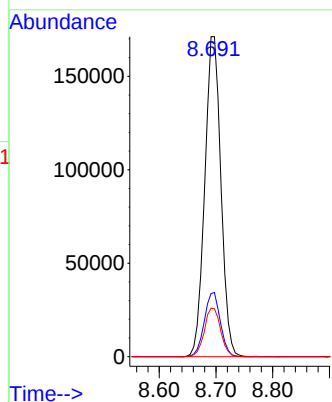
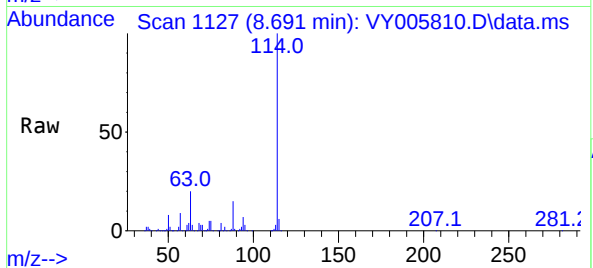




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005810.D
Acq: 24 Aug 2021 10:25

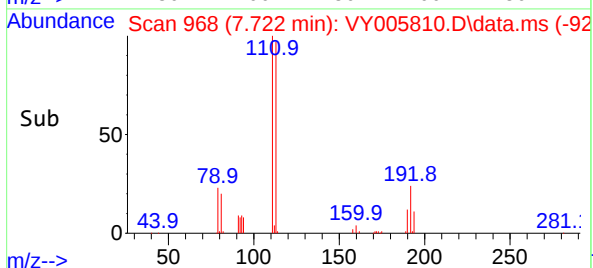
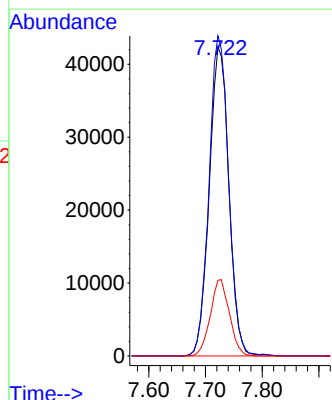
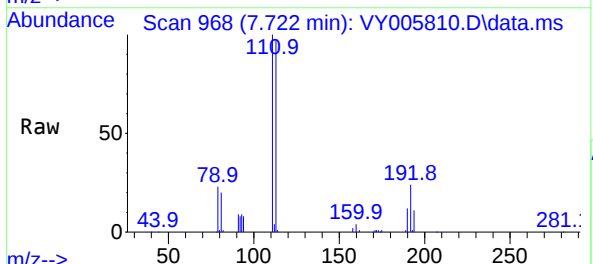
Instrument :
MSVOA_Y
ClientSampleId :
VY0824SBL01

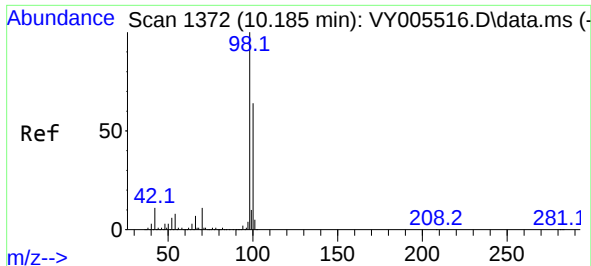
Tgt Ion:	114	Resp:	338363
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.2
88	15.2	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.677 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005810.D
Acq: 24 Aug 2021 10:25

Tgt Ion:	113	Resp:	101686
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	24.1	19.2	28.8

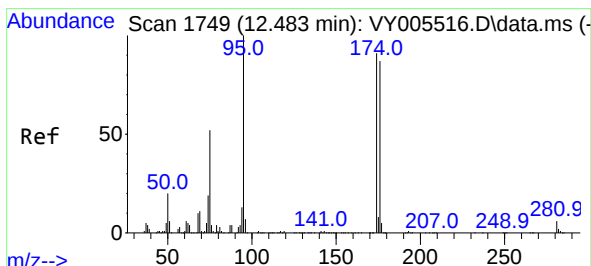
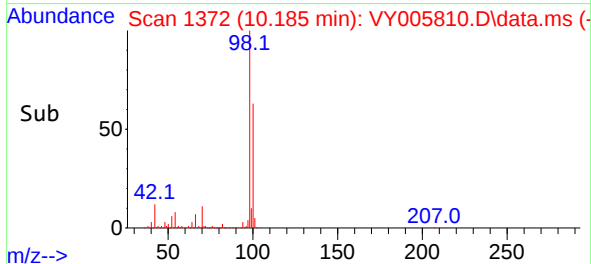
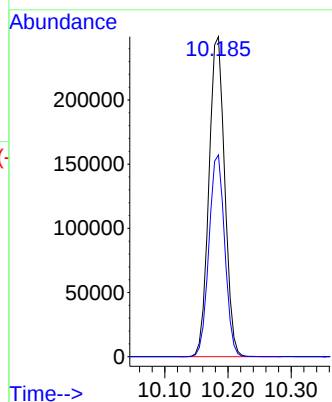
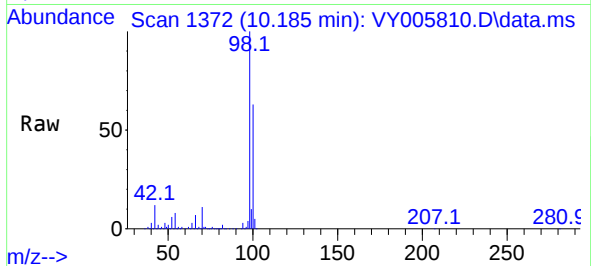




#50
Toluene-d8
Concen: 54.396 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005810.D
Acq: 24 Aug 2021 10:25

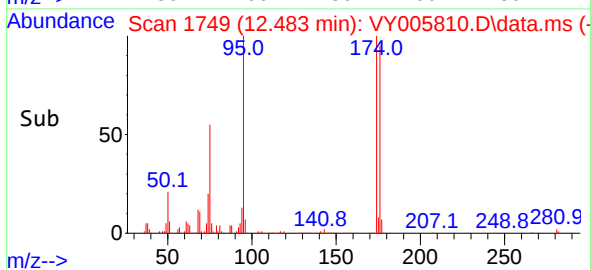
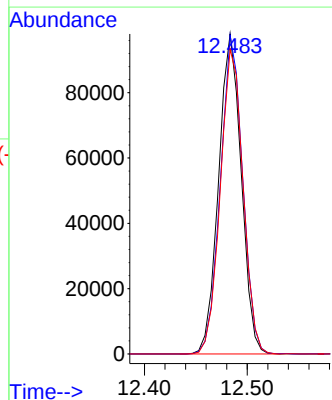
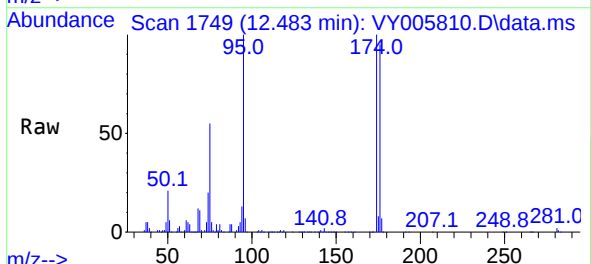
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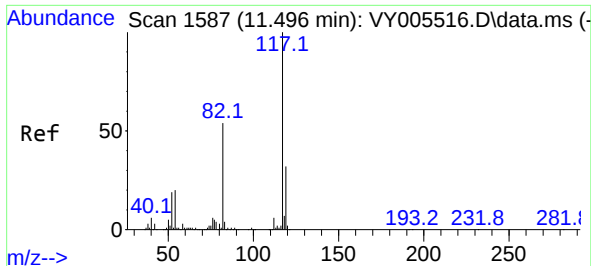
Tgt Ion: 98 Resp: 432180
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 56.780 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005810.D
Acq: 24 Aug 2021 10:25

Tgt Ion: 95 Resp: 149387
Ion Ratio Lower Upper
95 100
174 98.1 0.0 191.4
176 95.6 0.0 183.6

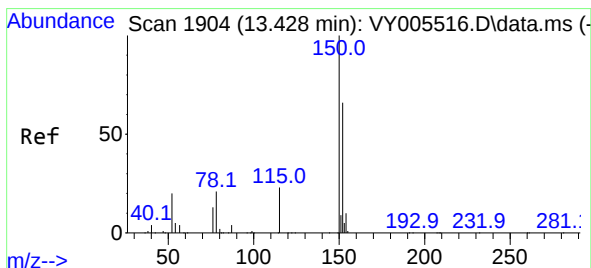
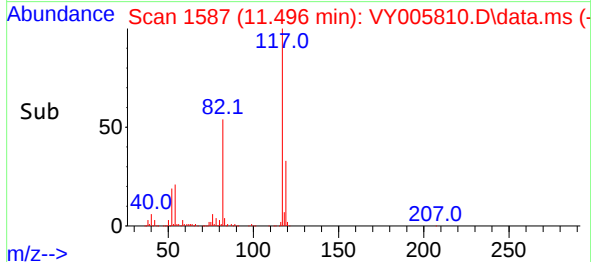
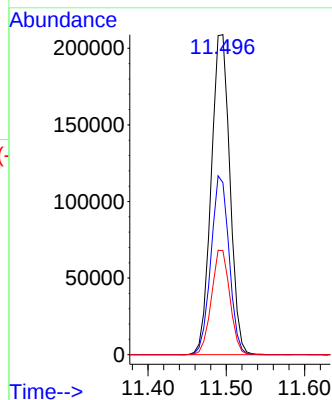
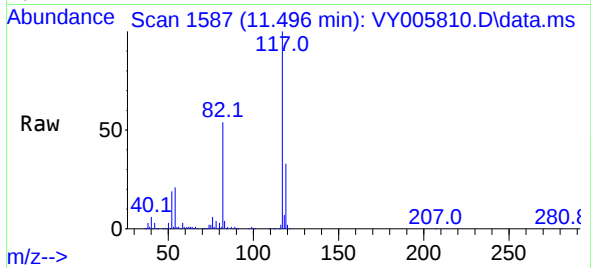




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005810.D
Acq: 24 Aug 2021 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0824SBL01

Tgt Ion:	117	Resp:	346310
Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.5	65.3
119	32.5	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: VY005810.D
Acq: 24 Aug 2021 10:25

Tgt Ion:	152	Resp:	178031
Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.3	81.9
150	155.1	0.0	350.2

