

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
 Data File : VY004402.D
 Acq On : 13 Apr 2021 12:02
 Operator : SY/MD
 Sample : M2003-01
 Misc : 7.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-4

Quant Time: Apr 14 01:24:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	168960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	282159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	251853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	104364	55.59	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.18%
35) Dibromofluoromethane	7.728	113	84729	54.11	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.22%
50) Toluene-d8	10.185	98	344309	51.69	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.38%
62) 4-Bromofluorobenzene	12.489	95	107947	47.76	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.52%

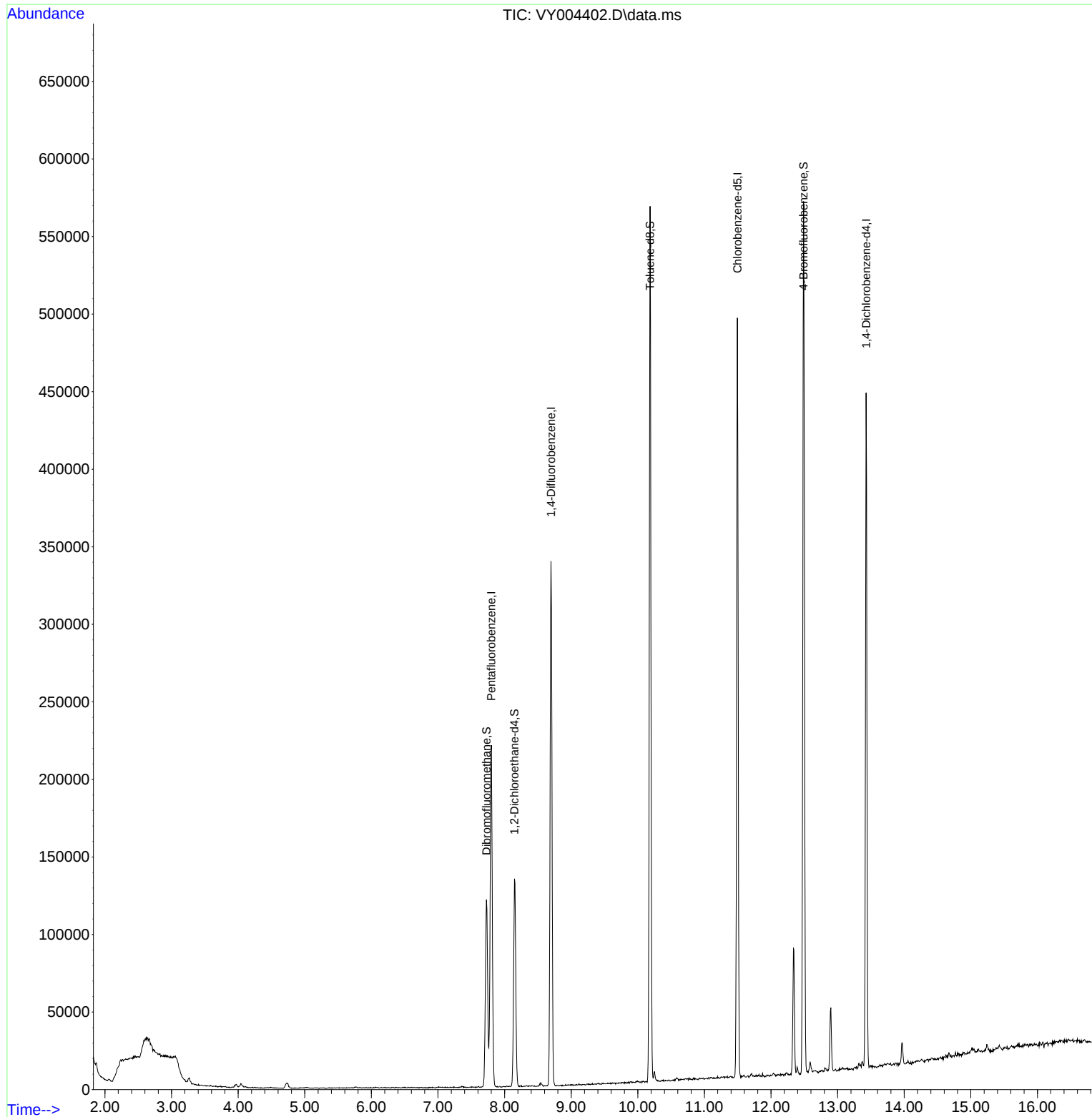
Target Compounds	Qvalue

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

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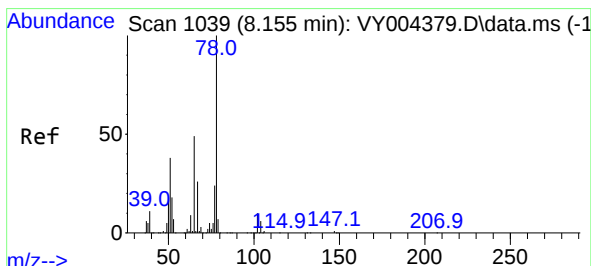
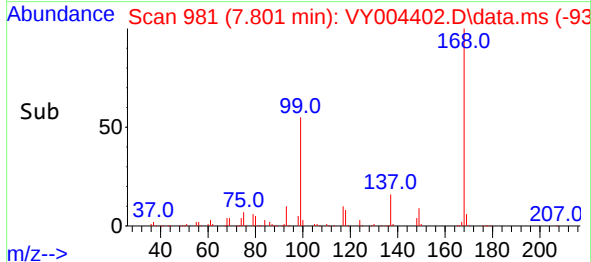
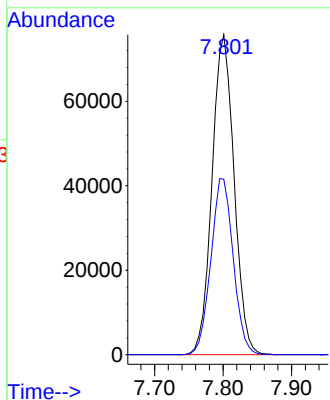
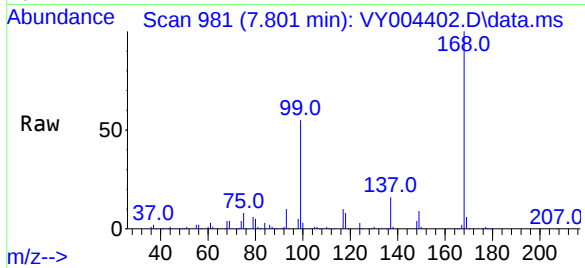




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

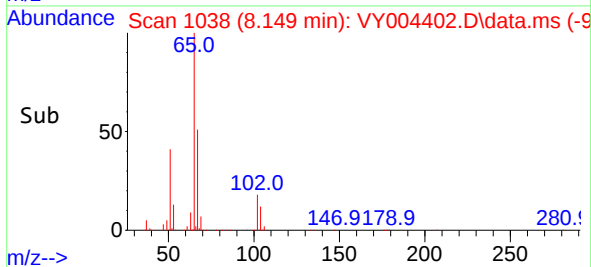
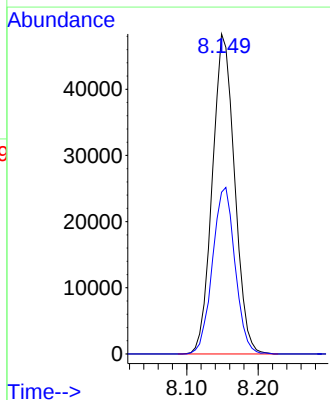
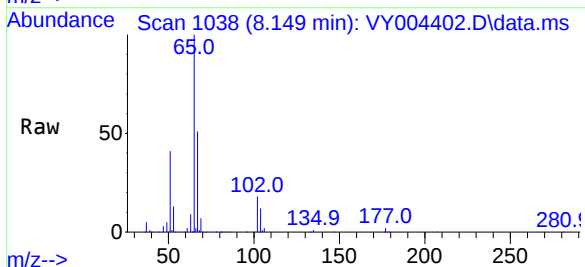
Instrument :
MSVOA_Y
ClientSampled :
TS-4

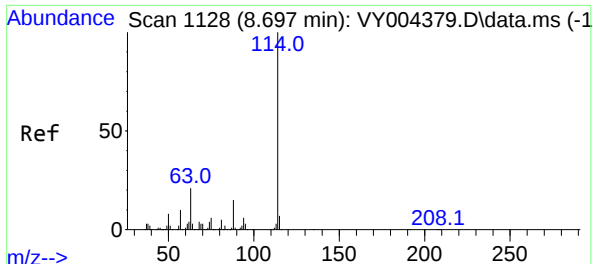
Tgt Ion:168 Resp: 168960
Ion Ratio Lower Upper
168 100
99 54.8 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 55.59 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

Tgt Ion: 65 Resp: 104364
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.4



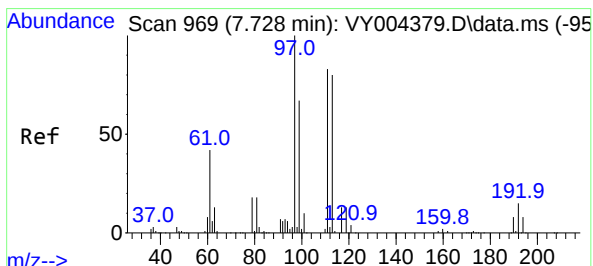
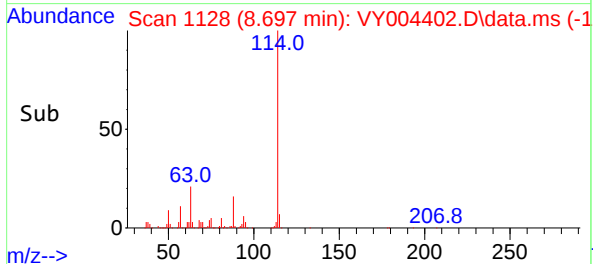
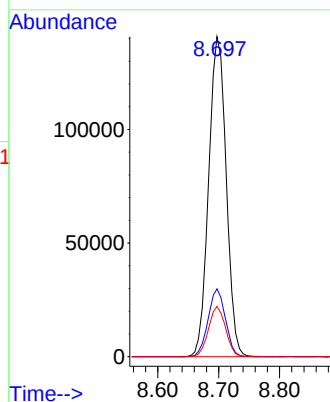
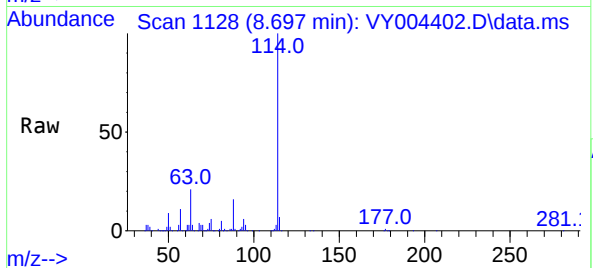


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

Instrument :
MSVOA_Y
ClientSampled :
TS-4

Tgt Ion:114 Resp: 282159

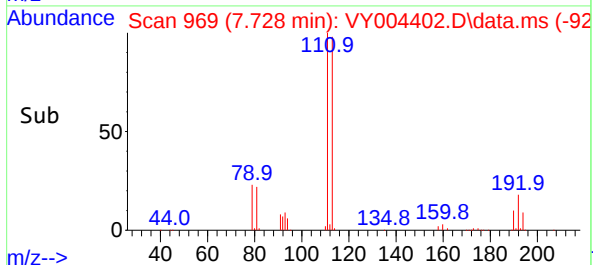
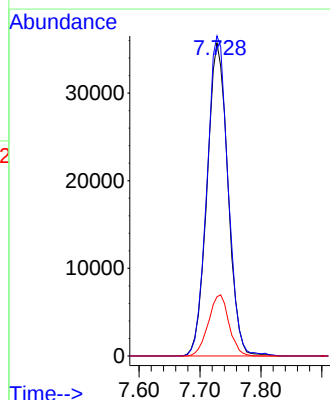
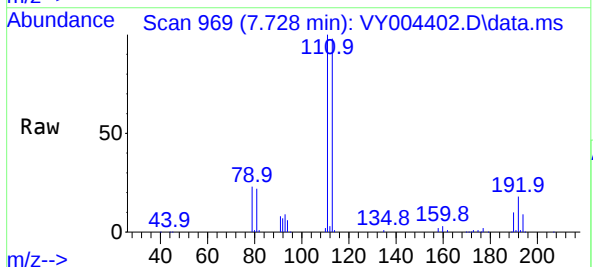
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.4
88	15.7	0.0	30.8

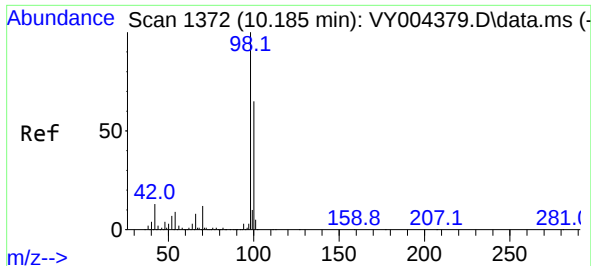


#35
Dibromofluoromethane
Concen: 54.11 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

Tgt Ion:113 Resp: 84729

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	19.3	16.1	24.1

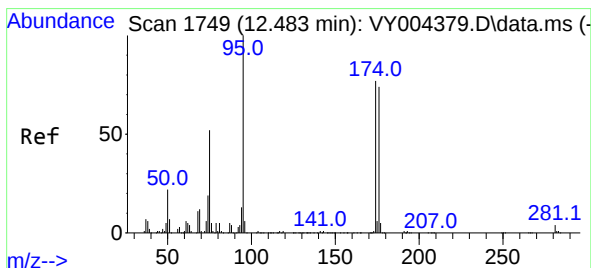
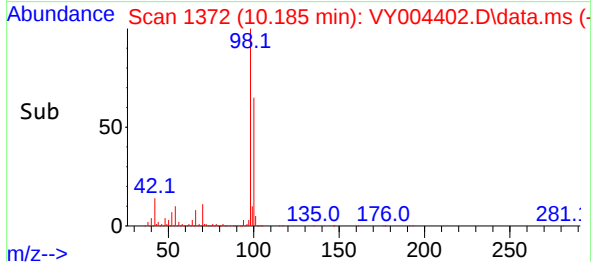
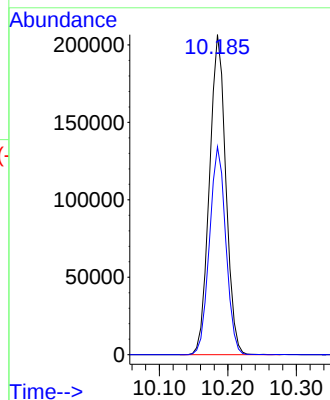
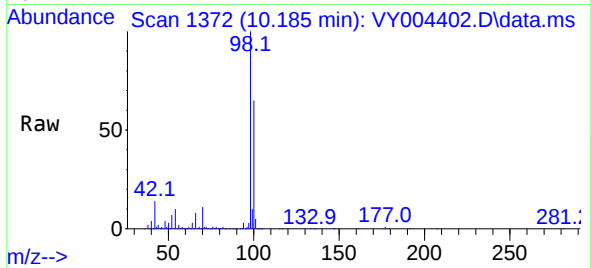




#50
Toluene-d8
Concen: 51.69 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

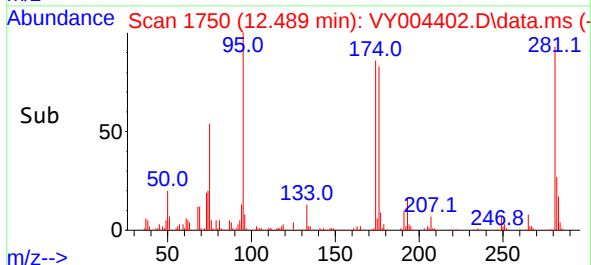
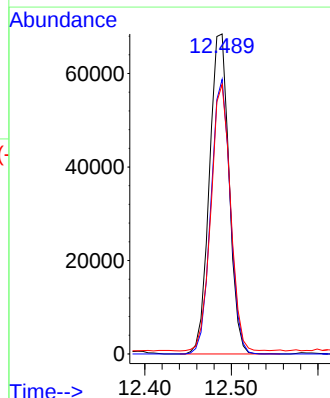
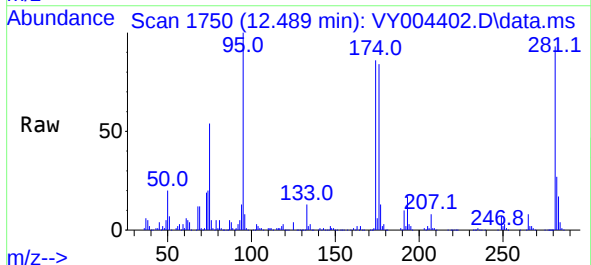
Instrument :
MSVOA_Y
ClientSampled :
TS-4

Tgt Ion: 98 Resp: 344309
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.76 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

Tgt Ion: 95 Resp: 107947
Ion Ratio Lower Upper
95 100
174 83.8 0.0 162.4
176 82.4 0.0 156.0

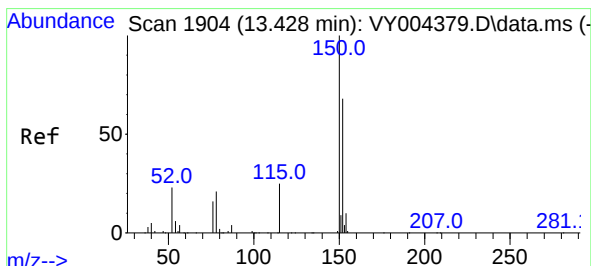
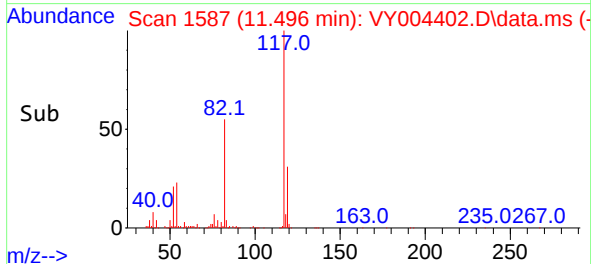
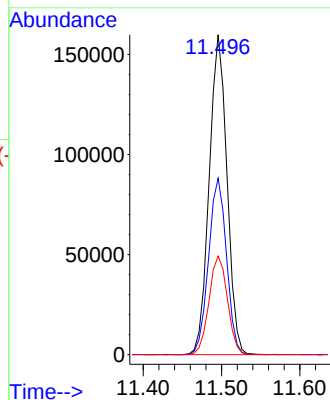
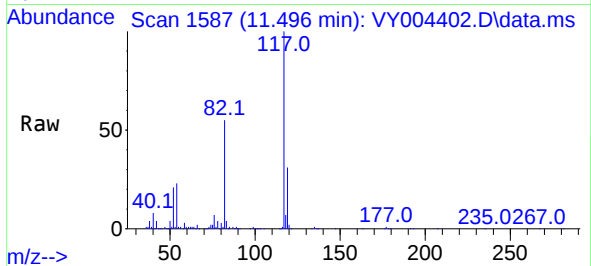




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

Instrument :
MSVOA_Y
ClientSampled :
TS-4

Tgt Ion:117 Resp: 251853
Ion Ratio Lower Upper
117 100
82 55.2 44.9 67.3
119 30.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

Tgt Ion:152 Resp: 103504
Ion Ratio Lower Upper
152 100
115 58.8 29.6 88.8
150 155.9 0.0 348.4

