

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004482.D
 Acq On : 16 Apr 2021 20:01
 Operator : SY/MD
 Sample : M2048-18RE
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-8.5-9.0RE

Quant Time: Apr 17 00:58:16 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	64121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	104394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	84480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34175	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	29006	40.71	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.42%
35) Dibromofluoromethane	7.728	113	28869	49.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.66%
50) Toluene-d8	10.185	98	122496	49.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.42%
62) 4-Bromofluorobenzene	12.483	95	33381	39.92	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.84%

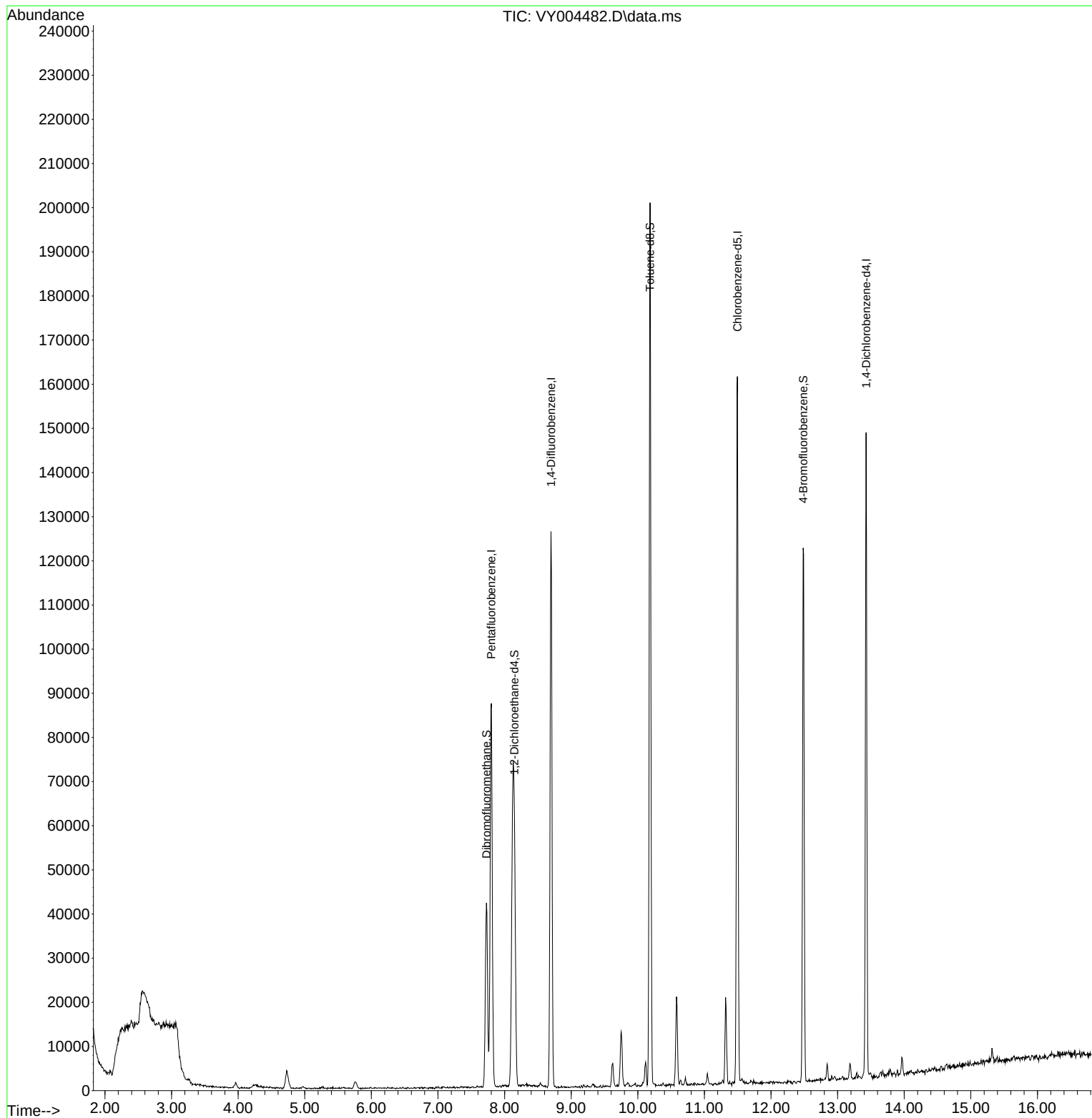
Target Compounds	Qvalue

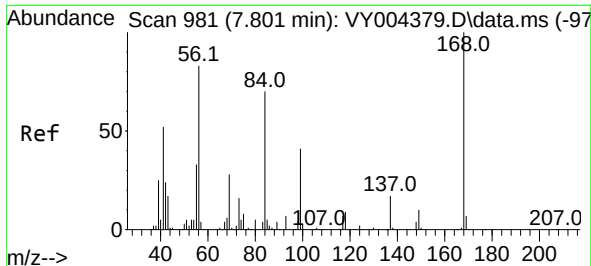
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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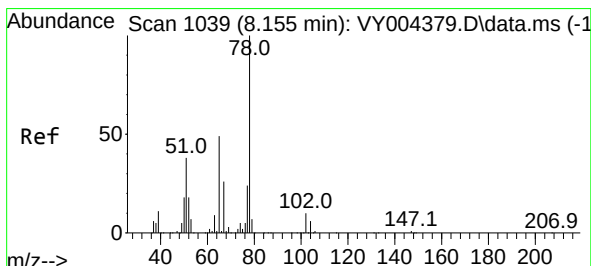
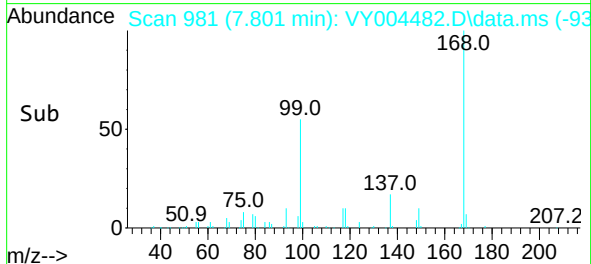
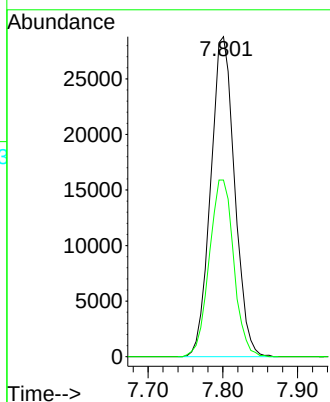
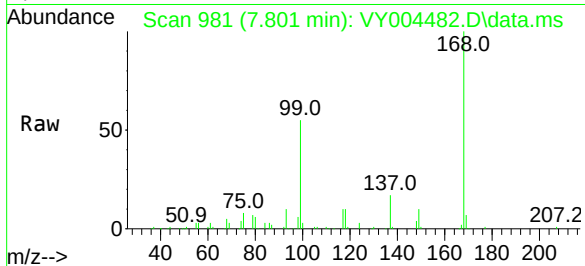




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

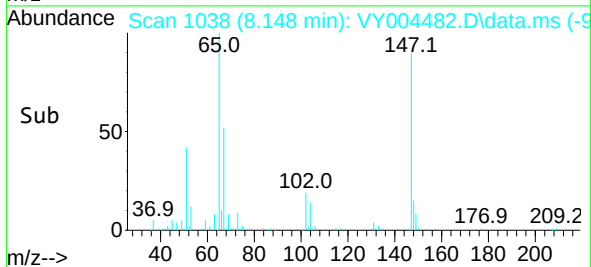
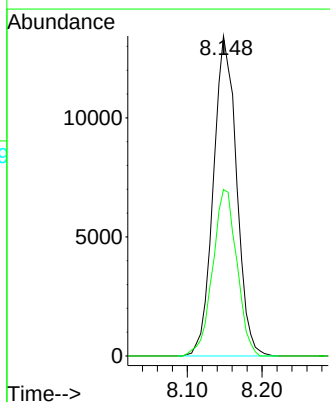
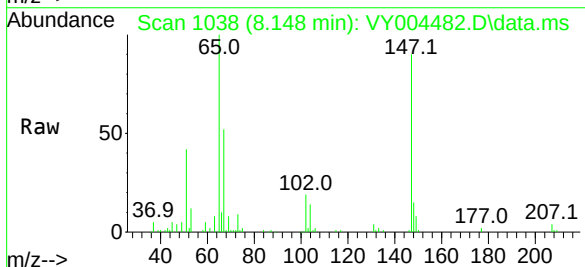
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-8.5-9.0RE

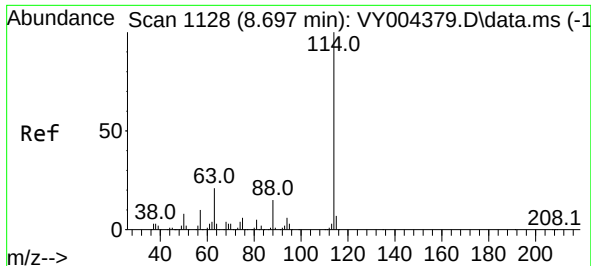
Tgt Ion:168 Resp: 64121
Ion Ratio Lower Upper
168 100
99 55.2 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 40.71 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

Tgt Ion: 65 Resp: 29006
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.4

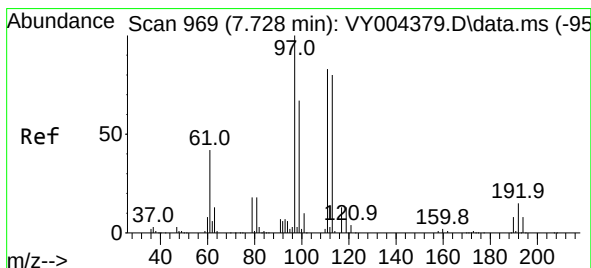
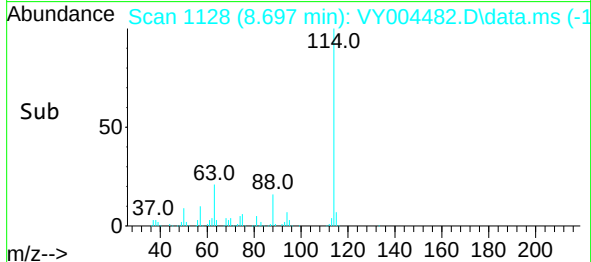
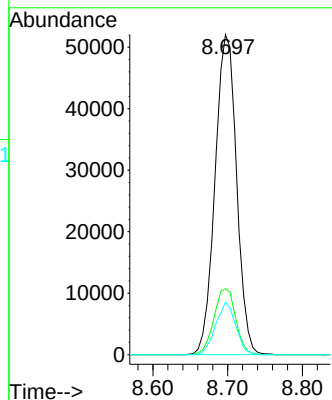
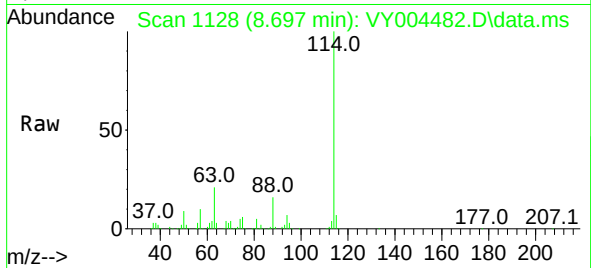




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

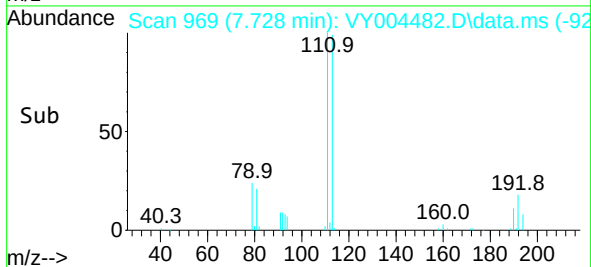
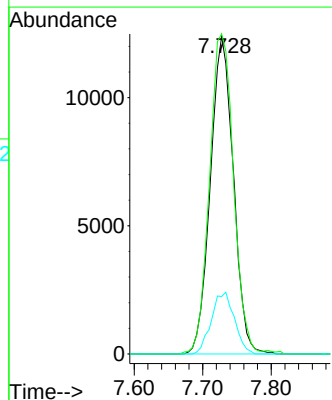
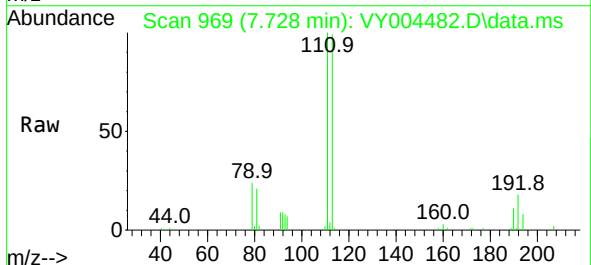
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-8.5-9.0RE

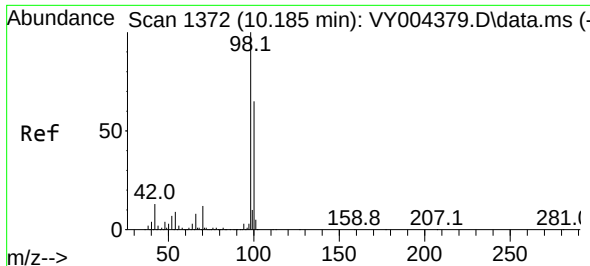
Tgt Ion:114 Resp: 104394
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.4
88 16.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 49.83 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

Tgt Ion:113 Resp: 28869
Ion Ratio Lower Upper
113 100
111 105.5 82.6 123.8
192 19.4 16.1 24.1

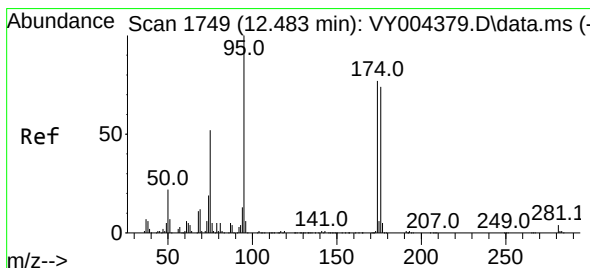
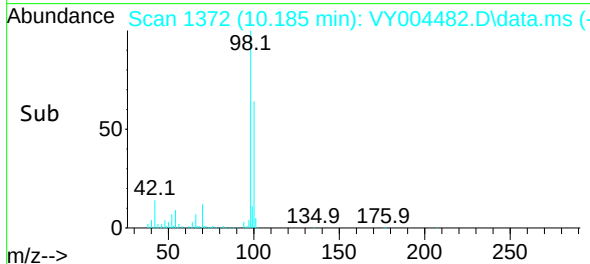
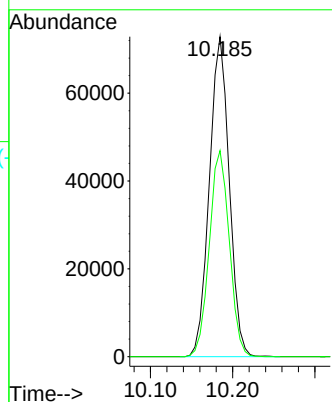
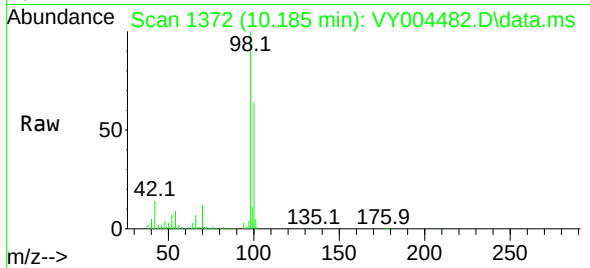




#50
Toluene-d8
Concen: 49.71 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

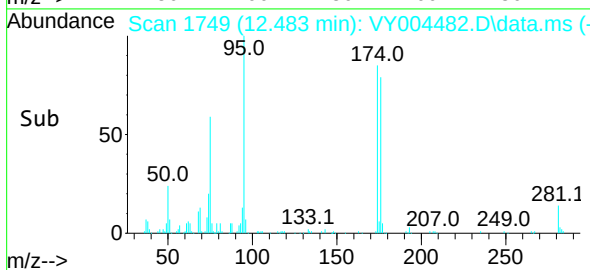
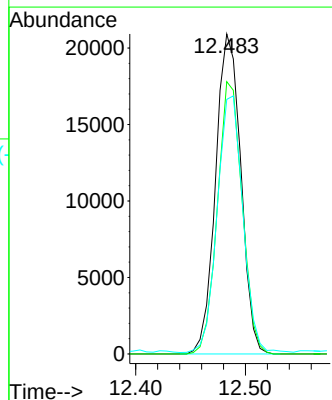
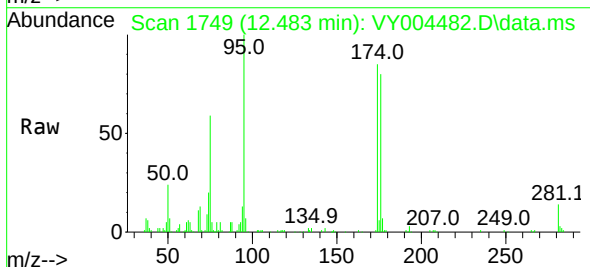
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-8.5-9.0RE

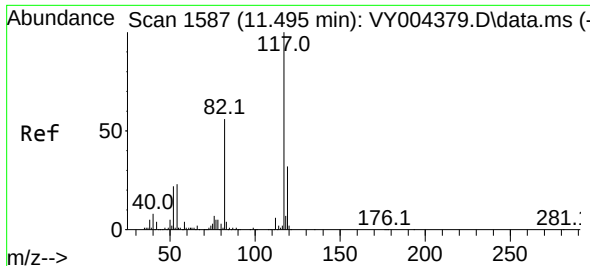
Tgt Ion: 98 Resp: 122496
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 39.92 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

Tgt Ion: 95 Resp: 33381
Ion Ratio Lower Upper
95 100
174 83.6 0.0 162.4
176 81.4 0.0 156.0

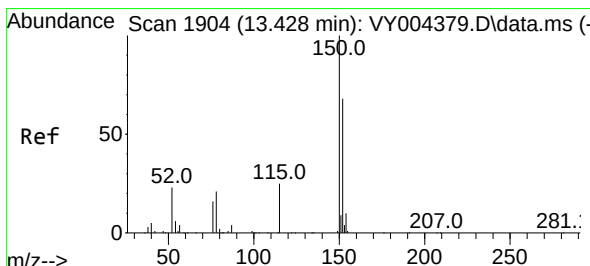
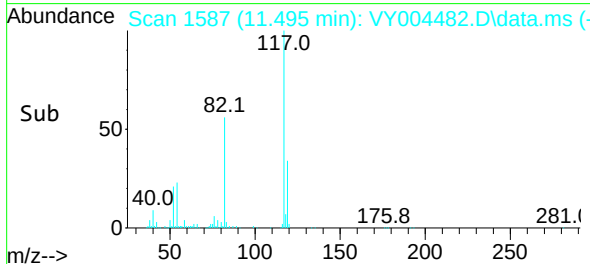
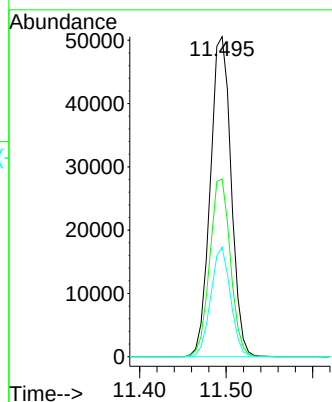
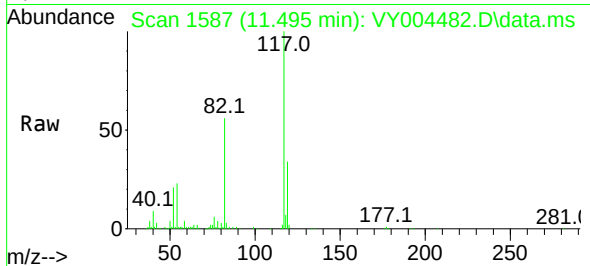




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-8.5-9.0RE

Tgt Ion:	117	Resp:	84480
Ion Ratio	Lower	Upper	
117	100		
82	55.6	44.9	67.3
119	34.2	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: VY004482.D
Acq: 16 Apr 2021 20:01

Tgt Ion:	152	Resp:	34175
Ion Ratio	Lower	Upper	
152	100		
115	59.9	29.6	88.8
150	157.8	0.0	348.4

