

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004573.D
 Acq On : 22 Apr 2021 10:22
 Operator : SY/MD
 Sample : VY0422SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0422SBL01

Quant Time: Apr 23 09:16:53 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	130426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	227270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	211930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	93572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	83564	57.67	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.34%
35) Dibromofluoromethane	7.734	113	69706	55.27	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.54%
50) Toluene-d8	10.185	98	281197	52.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.84%
62) 4-Bromofluorobenzene	12.489	95	90921	49.94	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.88%

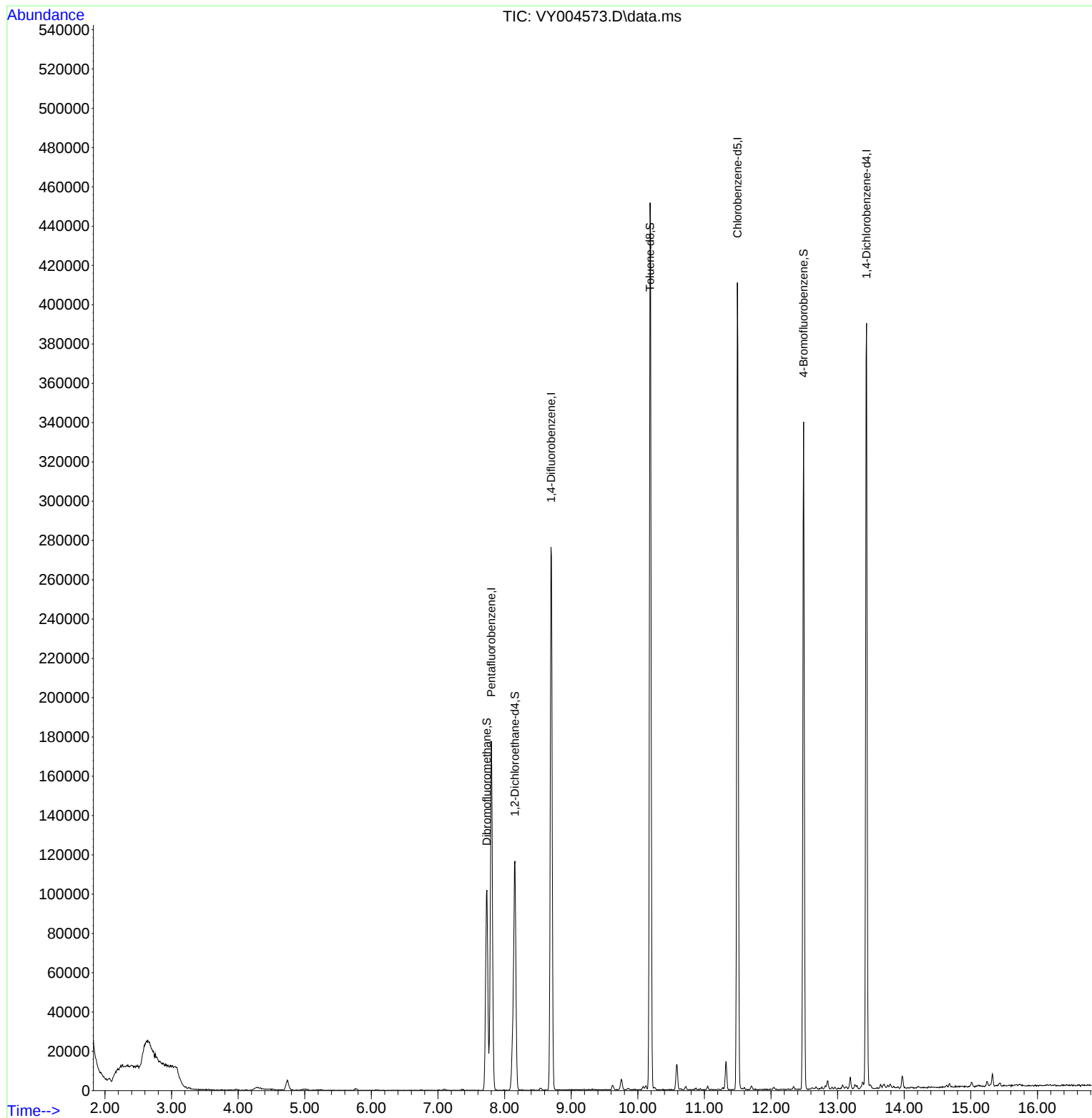
Target Compounds	Qvalue

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

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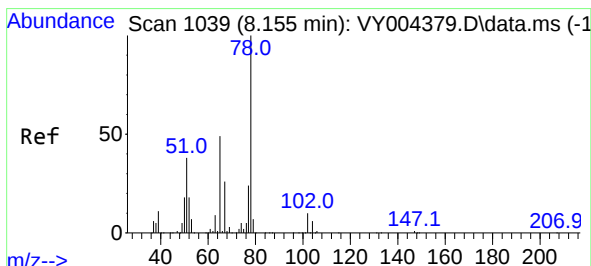
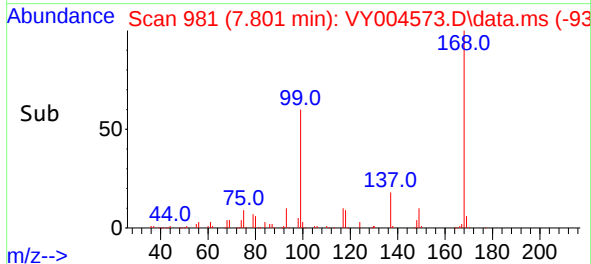
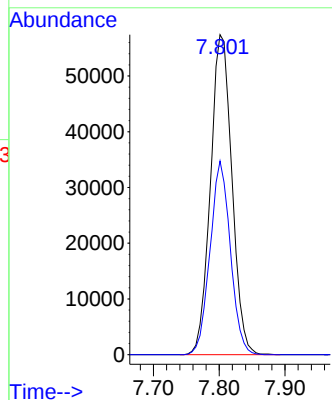
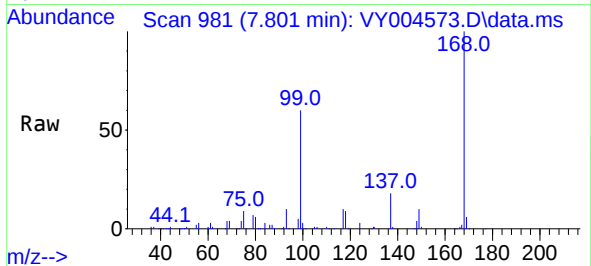




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

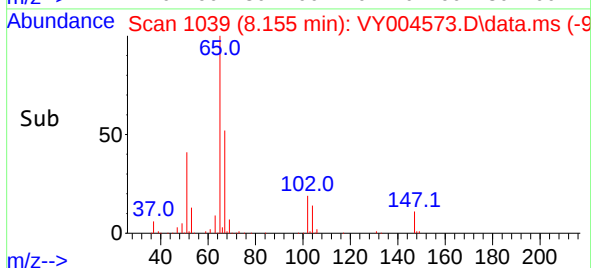
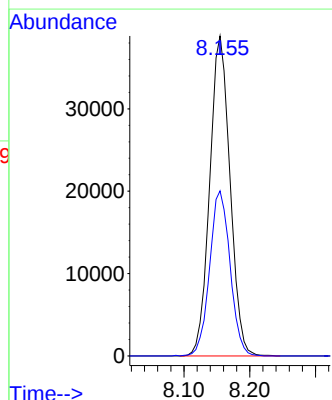
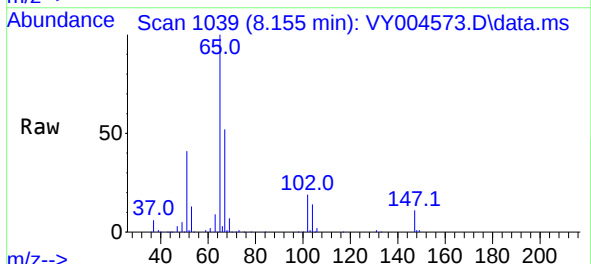
Instrument :
MSVOA_Y
ClientSampleId :
VY0422SBL01

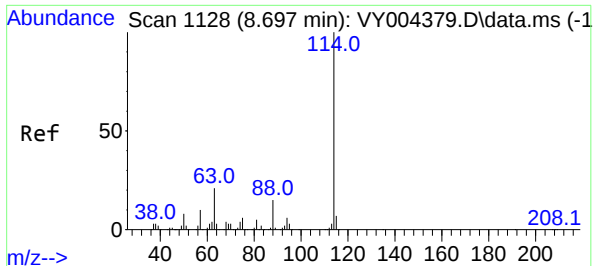
Tgt Ion:168 Resp: 130426
Ion Ratio Lower Upper
168 100
99 60.5 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 57.67 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

Tgt Ion: 65 Resp: 83564
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.4





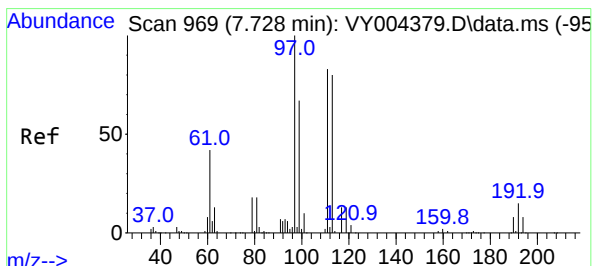
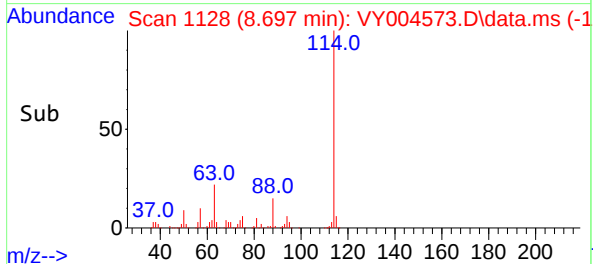
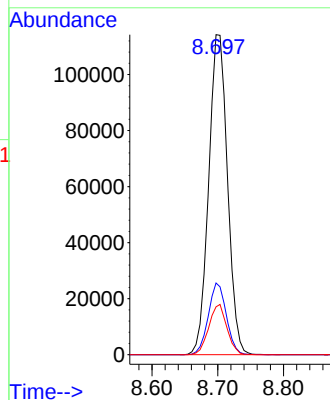
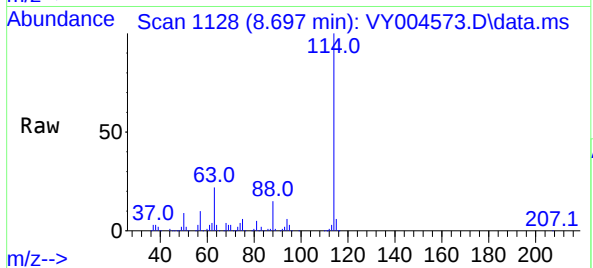
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0422SBL01

Tgt Ion:114 Resp: 227270

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	42.4
88	15.0	0.0	30.8

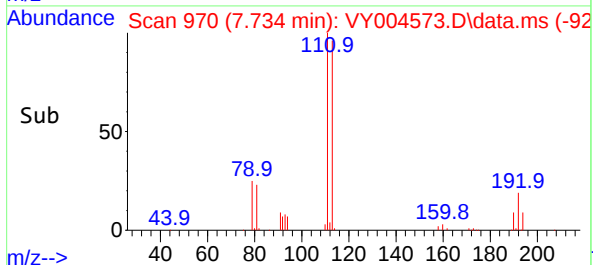
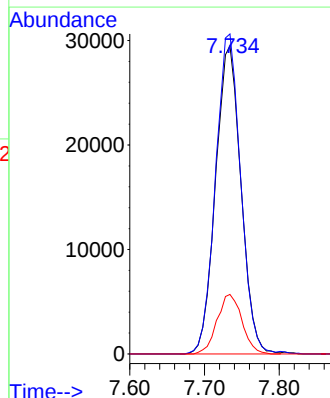
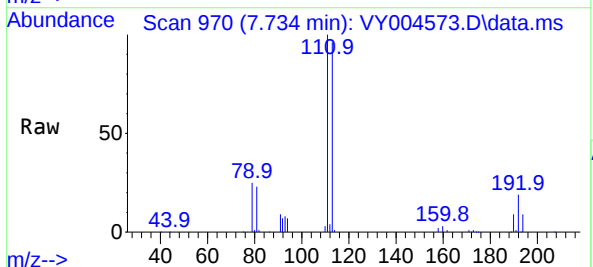


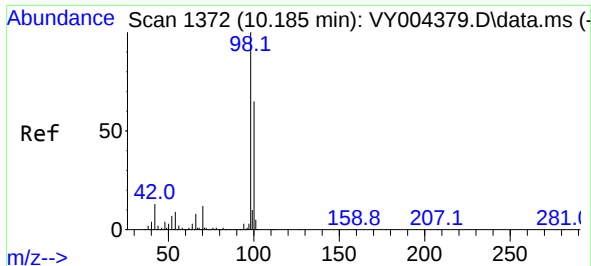
#35

Dibromofluoromethane
Concen: 55.27 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

Tgt Ion:113 Resp: 69706

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	18.9	16.1	24.1

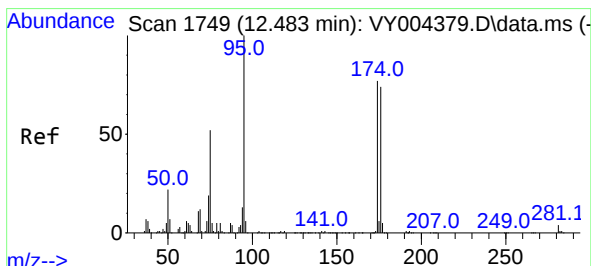
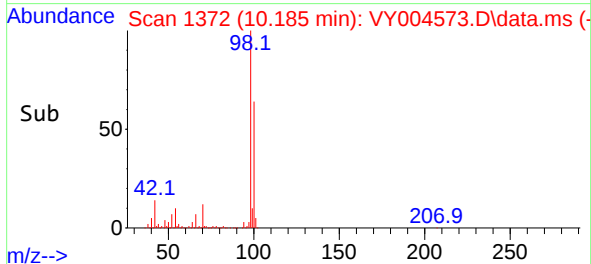
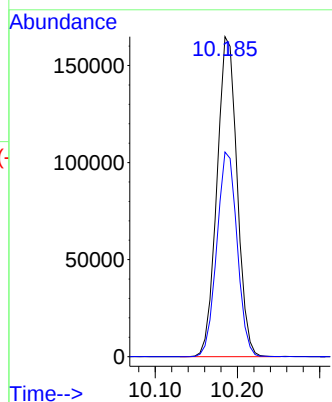
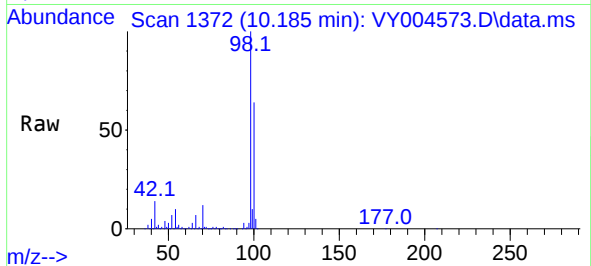




#50
Toluene-d8
Concen: 52.42 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

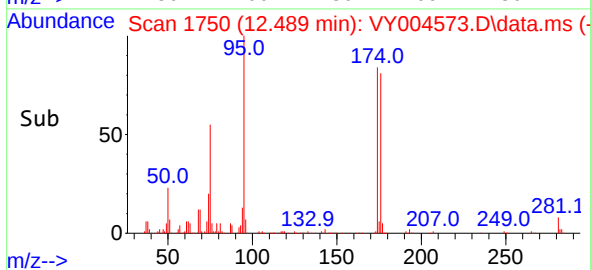
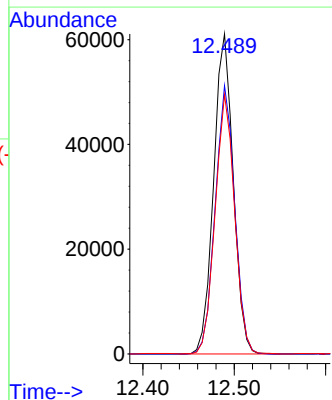
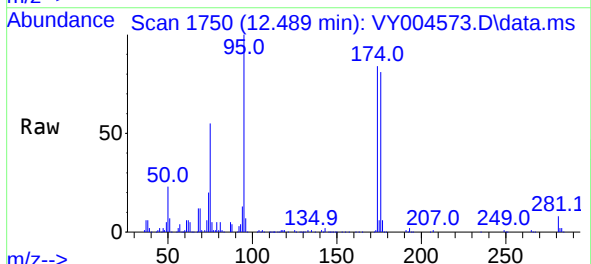
Instrument :
MSVOA_Y
ClientSampleId :
VY0422SBL01

Tgt Ion: 98 Resp: 281197
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.94 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

Tgt Ion: 95 Resp: 90921
Ion Ratio Lower Upper
95 100
174 83.6 0.0 162.4
176 80.7 0.0 156.0

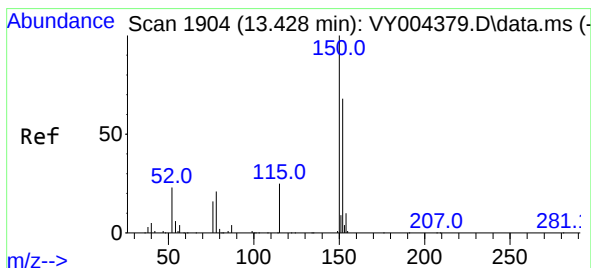
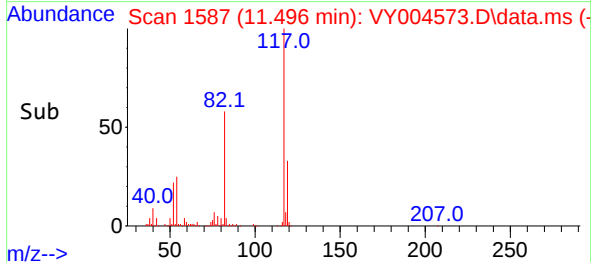
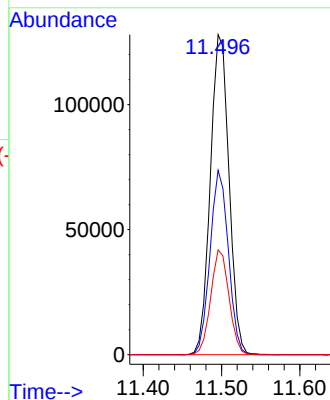
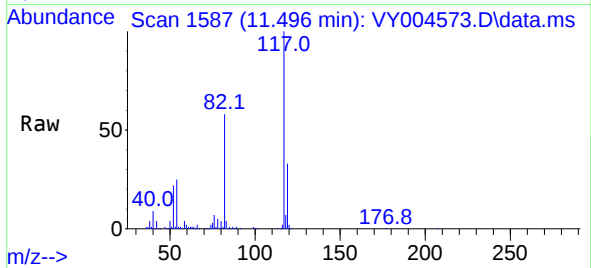




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0422SBL01

Tgt Ion:117 Resp: 211930
Ion Ratio Lower Upper
117 100
82 57.6 44.9 67.3
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

Tgt Ion:152 Resp: 93572
Ion Ratio Lower Upper
152 100
115 58.9 29.6 88.8
150 157.5 0.0 348.4

