

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
 Data File : VY004412.D
 Acq On : 14 Apr 2021 11:04
 Operator : SY/MD
 Sample : VY0414SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBL01

Quant Time: Apr 15 01:05:01 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	177236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	304682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	288975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130320	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110058	55.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.78%
35) Dibromofluoromethane	7.728	113	92756	54.86	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.72%
50) Toluene-d8	10.185	98	379801	52.81	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.62%
62) 4-Bromofluorobenzene	12.483	95	129355	53.00	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.00%

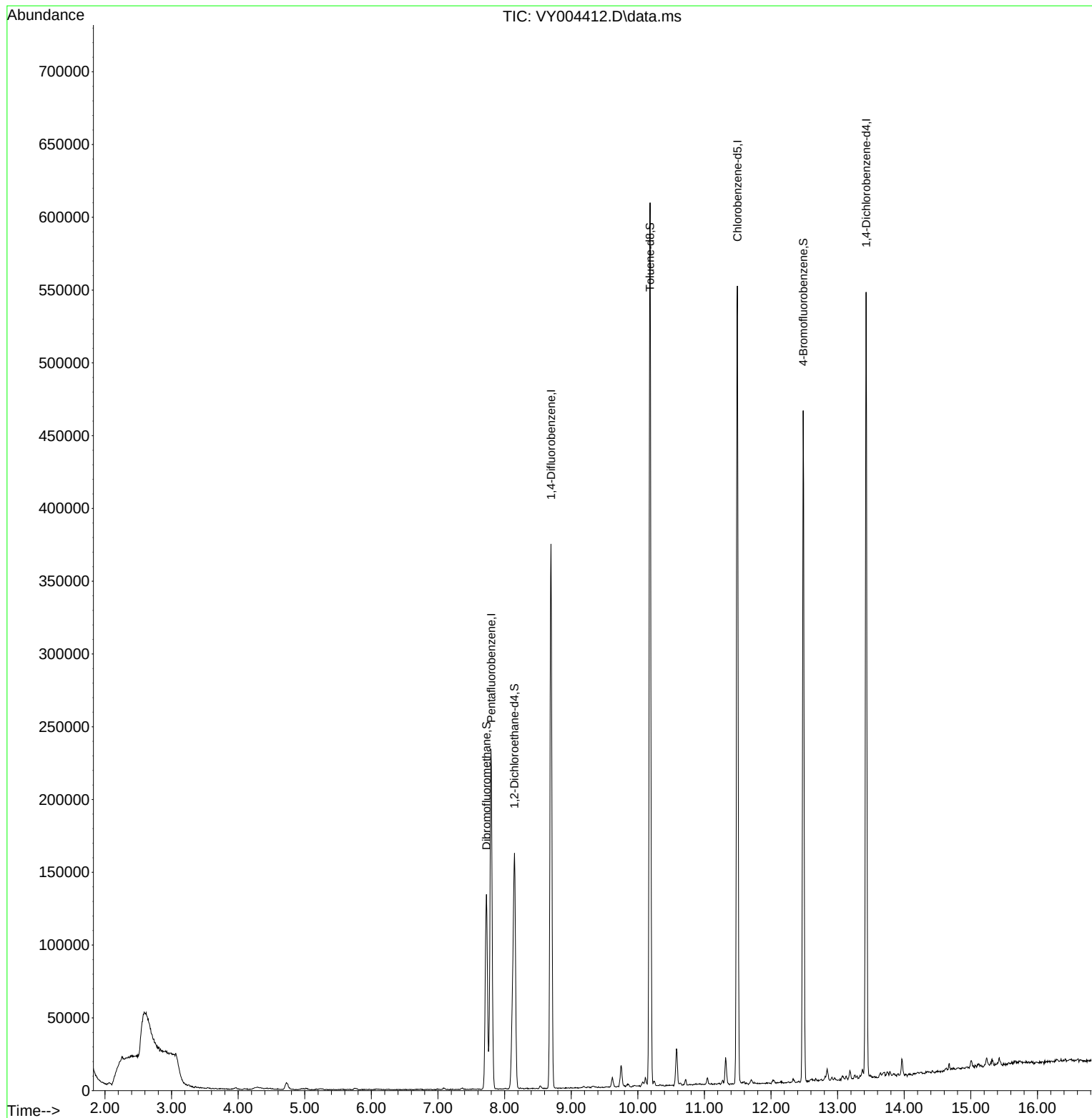
Target Compounds	Qvalue

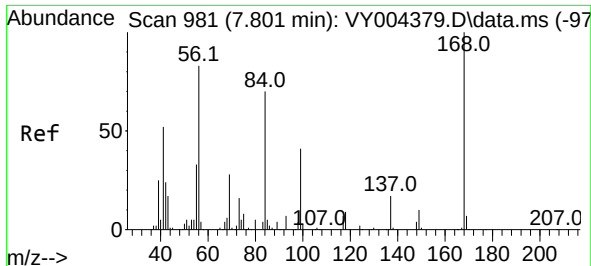
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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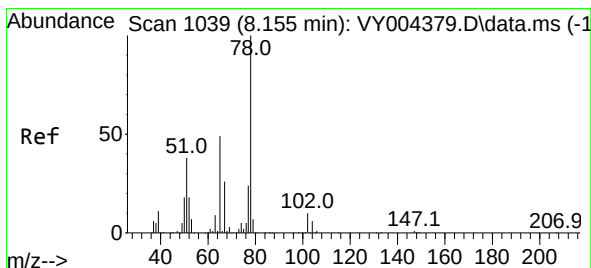
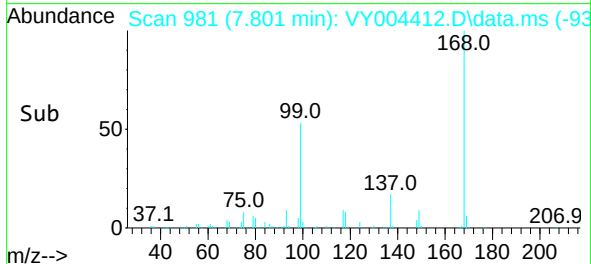
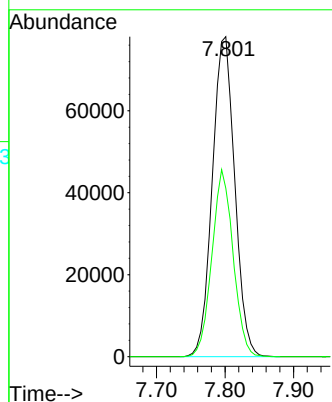
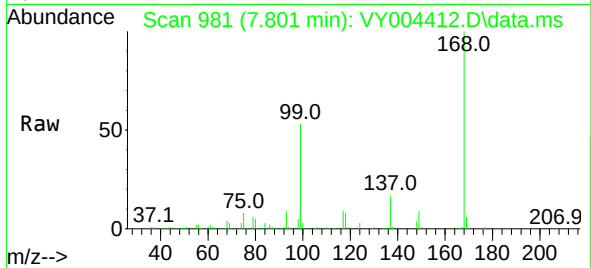




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004412.D
Acq: 14 Apr 2021 11:04

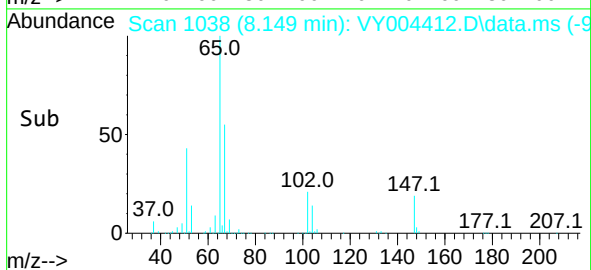
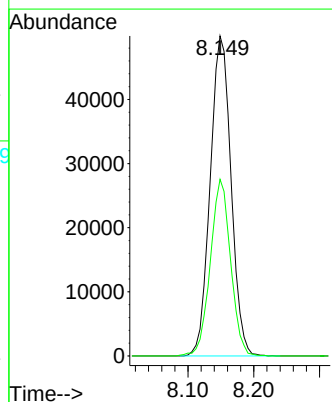
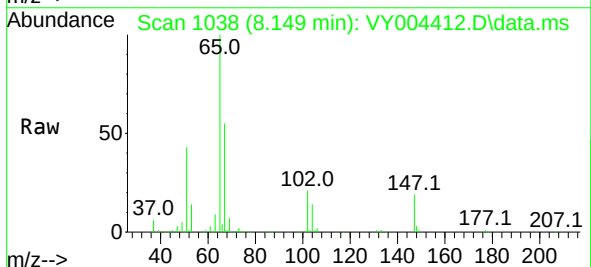
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

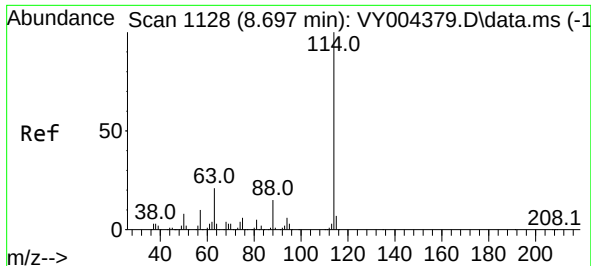
Tgt Ion:168 Resp: 177236
Ion Ratio Lower Upper
168 100
99 52.6 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 55.89 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004412.D
Acq: 14 Apr 2021 11:04

Tgt Ion: 65 Resp: 110058
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.4

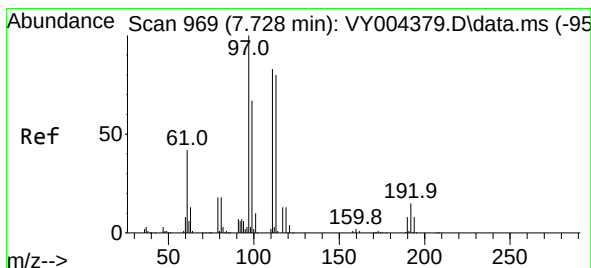
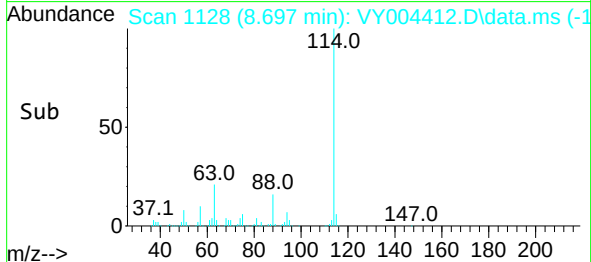
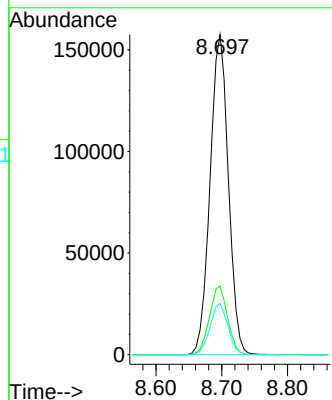
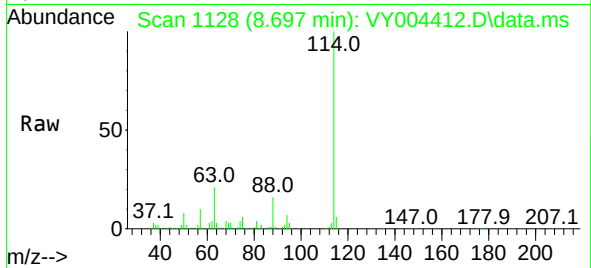




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004412.D
Acq: 14 Apr 2021 11:04

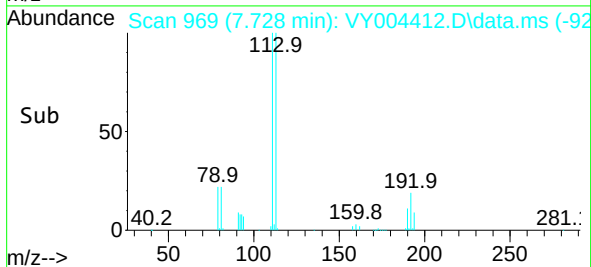
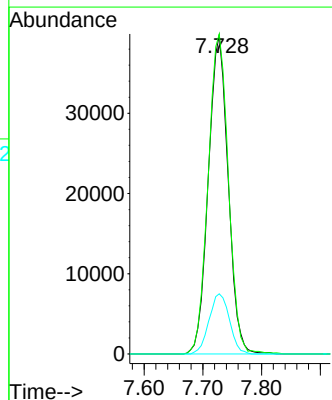
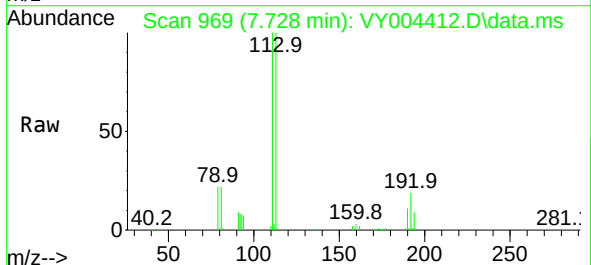
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

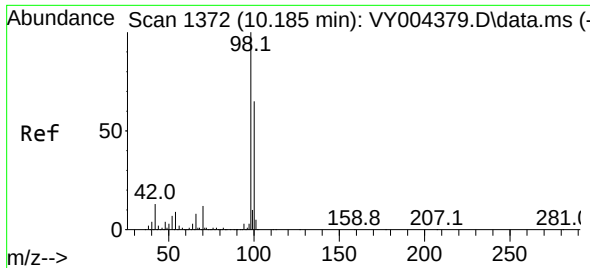
Tgt Ion:114 Resp: 304682
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.4
88 16.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.86 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004412.D
Acq: 14 Apr 2021 11:04

Tgt Ion:113 Resp: 92756
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 19.5 16.1 24.1

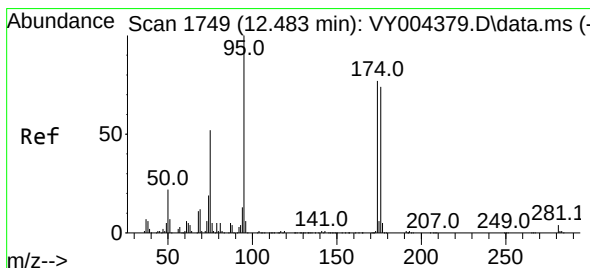
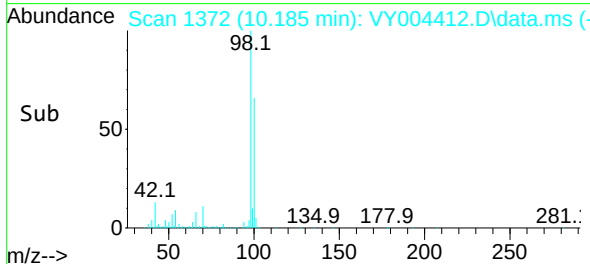
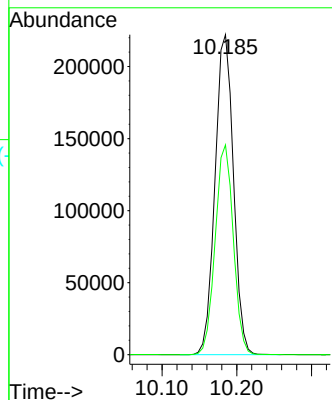
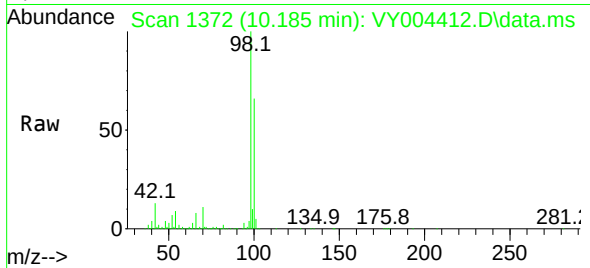




#50
Toluene-d8
Concen: 52.81 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004412.D
Acq: 14 Apr 2021 11:04

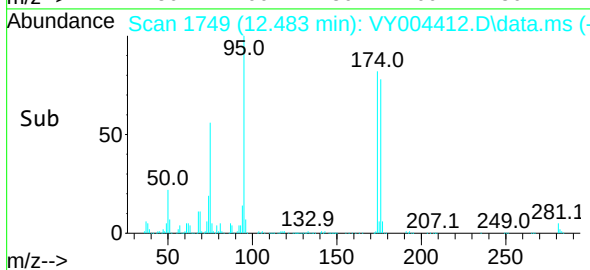
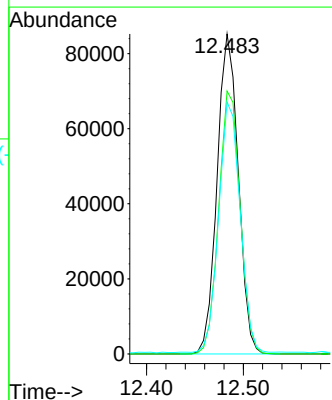
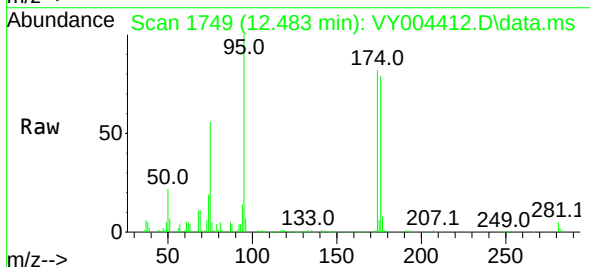
Instrument :
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ClientSampleId :
VY0414SBL01

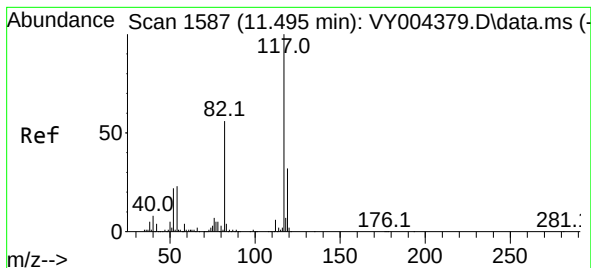
Tgt Ion: 98 Resp: 379801
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.00 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004412.D
Acq: 14 Apr 2021 11:04

Tgt Ion: 95 Resp: 129355
Ion Ratio Lower Upper
95 100
174 83.2 0.0 162.4
176 79.3 0.0 156.0

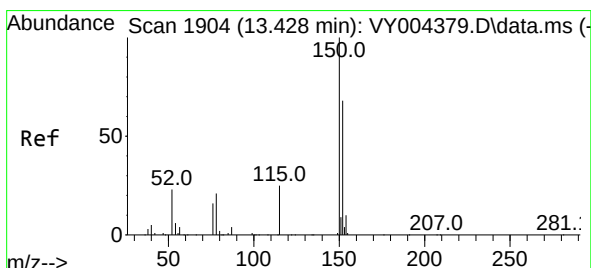
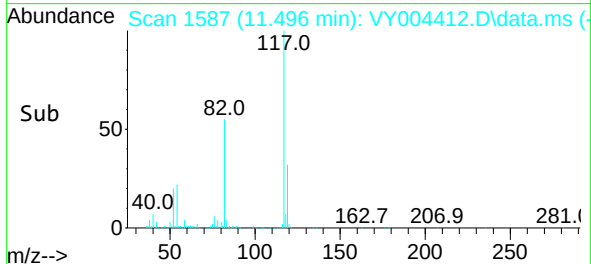
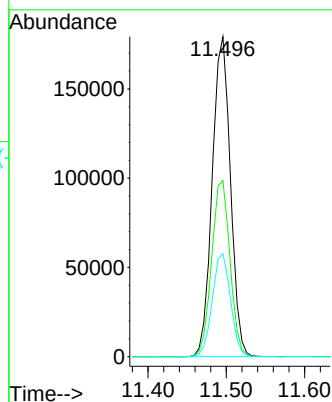
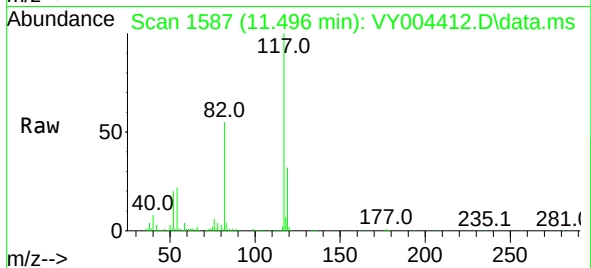




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004412.D
Acq: 14 Apr 2021 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

Tgt Ion:117 Resp: 288975
Ion Ratio Lower Upper
117 100
82 55.0 44.9 67.3
119 32.2 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: VY004412.D
Acq: 14 Apr 2021 11:04

Tgt Ion:152 Resp: 130320
Ion Ratio Lower Upper
152 100
115 58.1 29.6 88.8
150 157.5 0.0 348.4

