

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007735.D
 Acq On : 04 Mar 2022 04:28
 Operator : SY/MD
 Sample : N1730-14
 Misc : 7.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 27-28-SAMPLE-LOCATION-14

Quant Time: Mar 04 07:32:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	299880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	520290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	531579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	238453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	176819	56.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.640%
35) Dibromofluoromethane	7.728	113	178675	53.715	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.420%
50) Toluene-d8	10.185	98	648202	52.938	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.880%
62) 4-Bromofluorobenzene	12.483	95	224456	56.868	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.740%

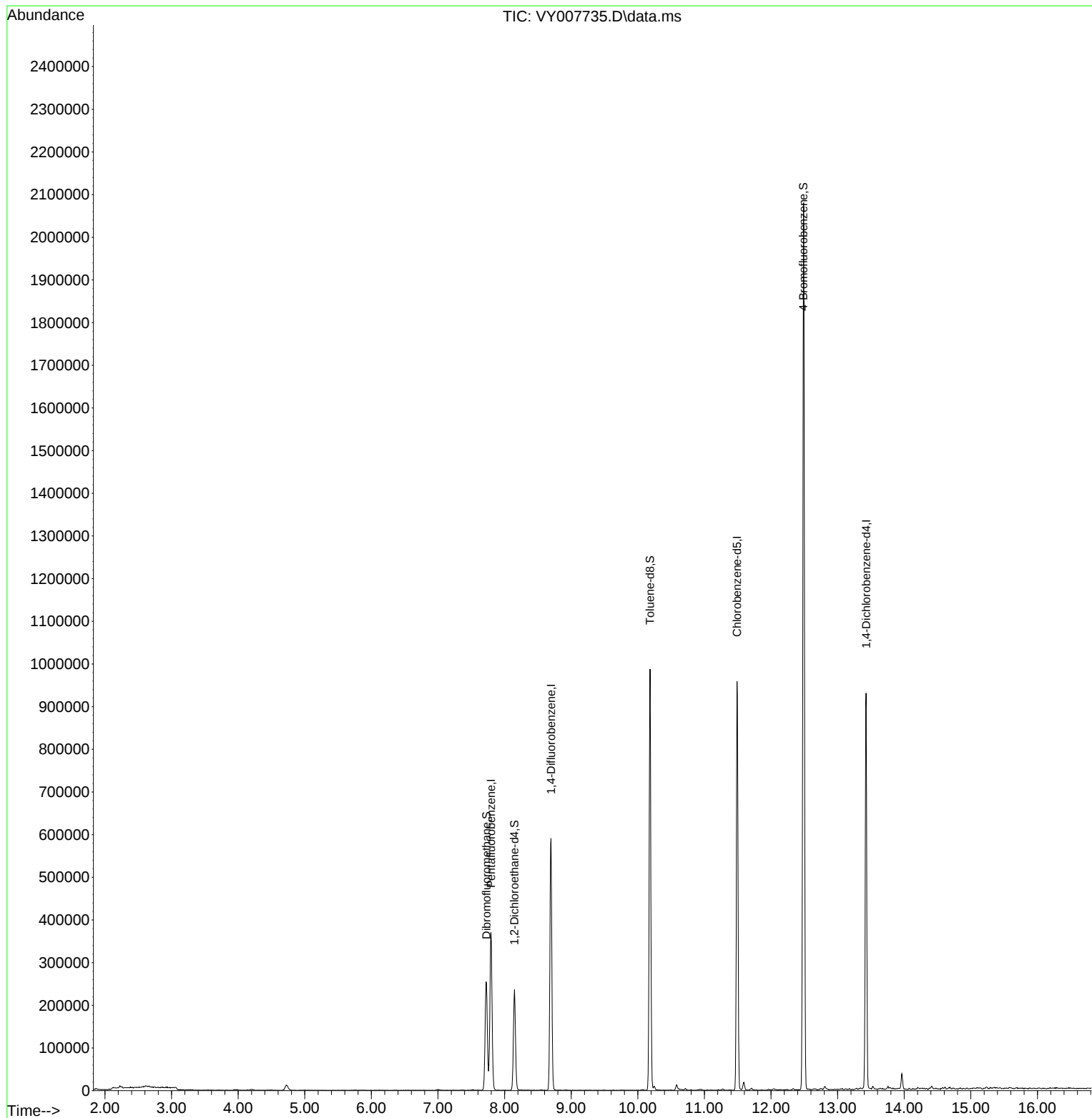
Target Compounds	Qvalue

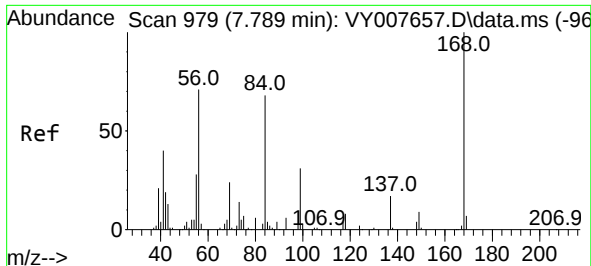
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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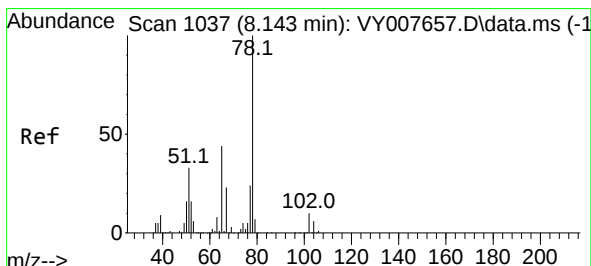
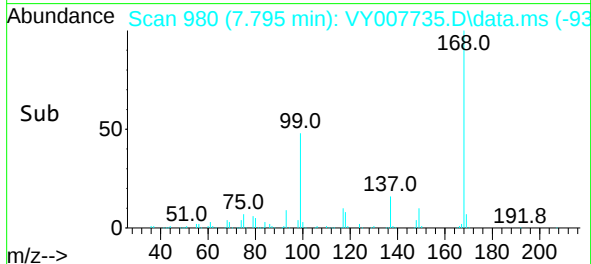
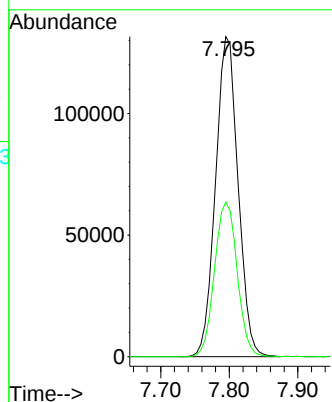
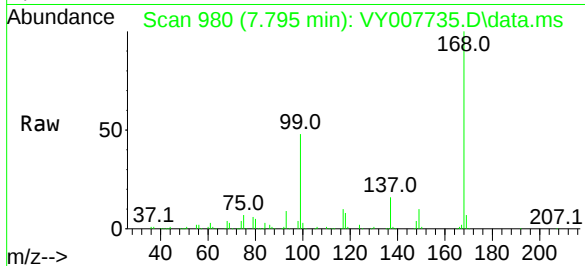




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

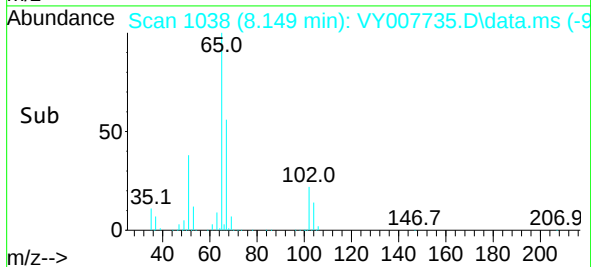
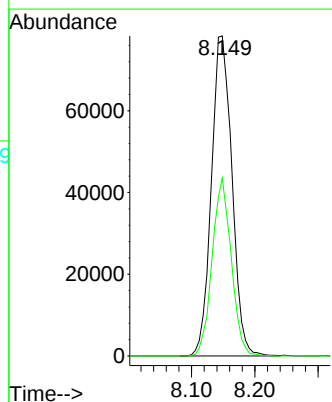
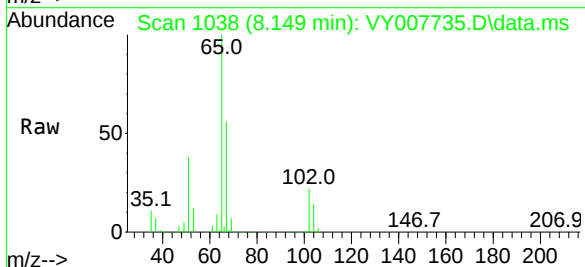
Instrument :
MSVOA_Y
ClientSampleId :
27-28-SAMPLE-LOCATION-14

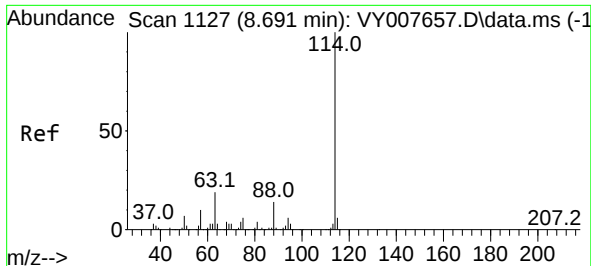
Tgt Ion:168 Resp: 299880
Ion Ratio Lower Upper
168 100
99 48.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.321 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

Tgt Ion: 65 Resp: 176819
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.4

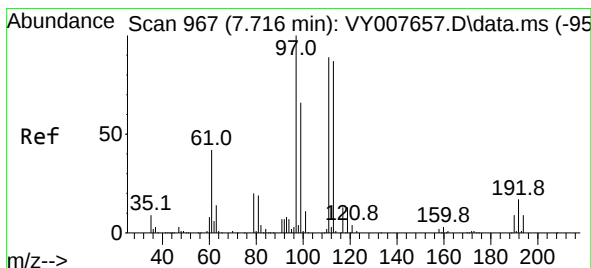
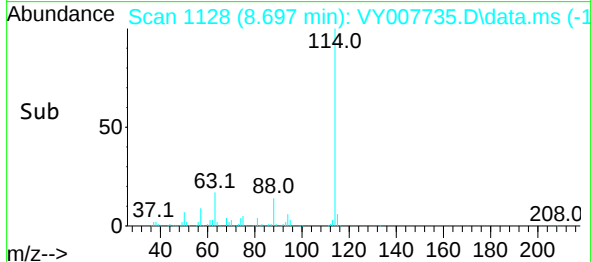
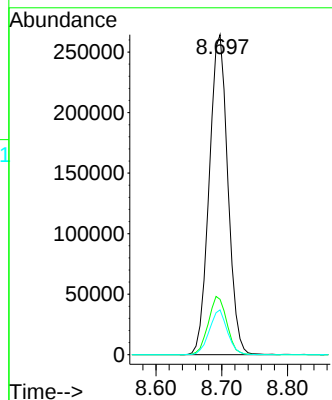
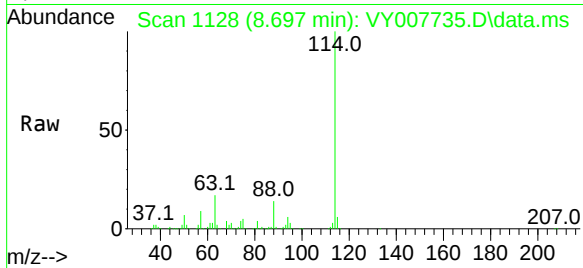




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

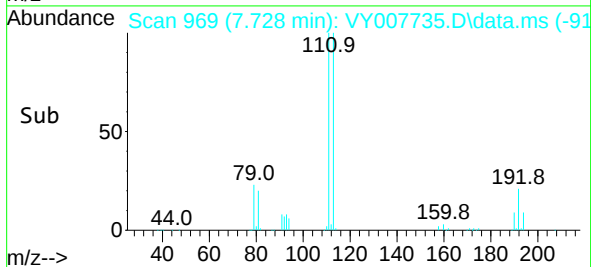
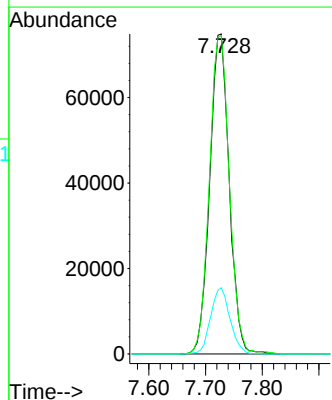
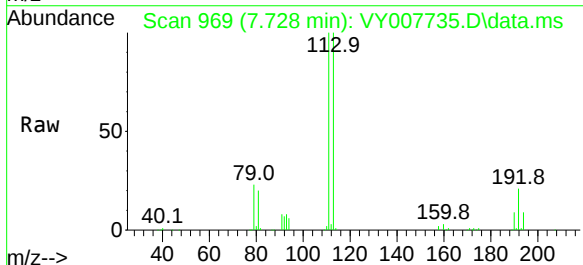
Instrument : MSVOA_Y
ClientSampleId : 27-28-SAMPLE-LOCATION-14

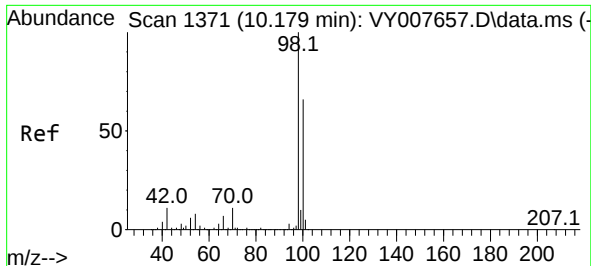
Tgt Ion:114 Resp: 520290
Ion Ratio Lower Upper
114 100
63 17.3 0.0 43.2
88 14.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.715 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

Tgt Ion:113 Resp: 178675
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.5 17.6 26.4

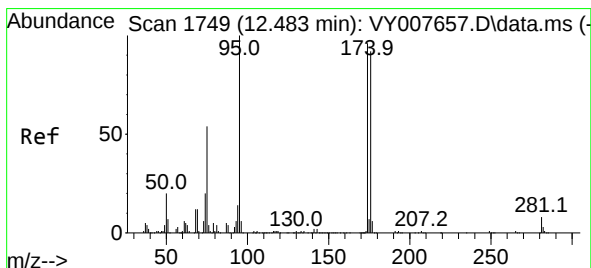
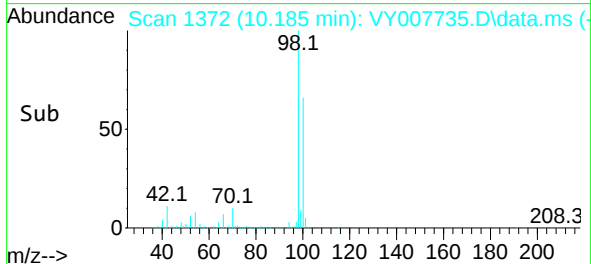
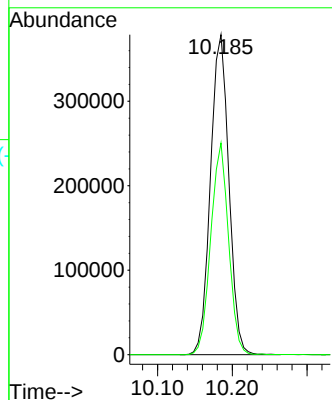
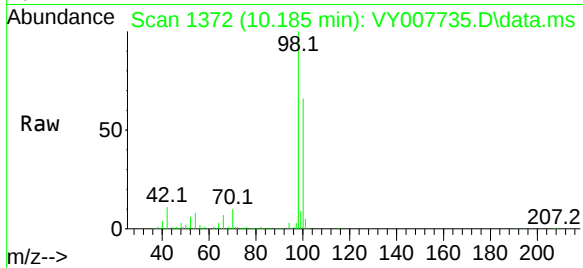




#50
Toluene-d8
Concen: 52.938 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

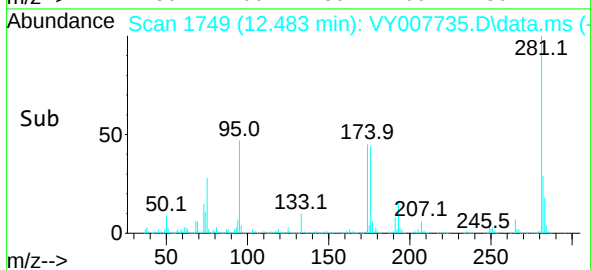
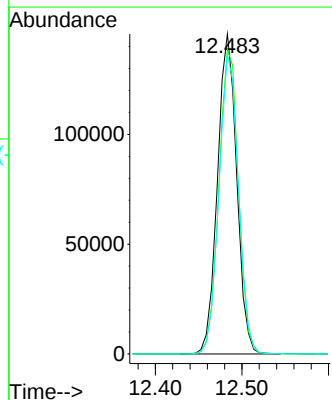
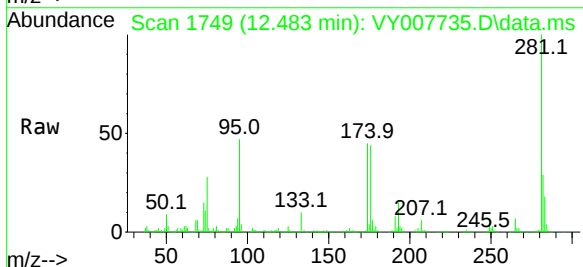
Instrument :
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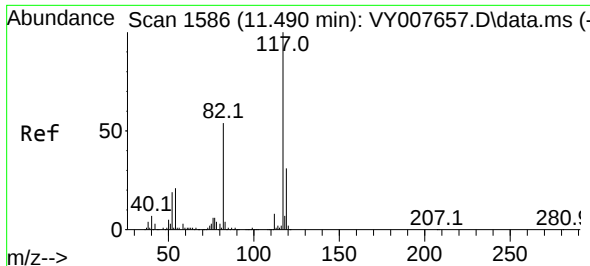
Tgt Ion: 98 Resp: 648202
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.868 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

Tgt Ion: 95 Resp: 224456
Ion Ratio Lower Upper
95 100
174 96.9 0.0 177.0
176 94.7 0.0 175.8

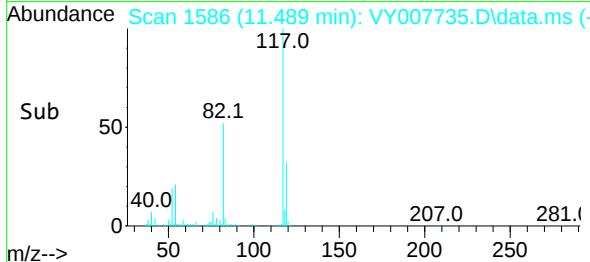
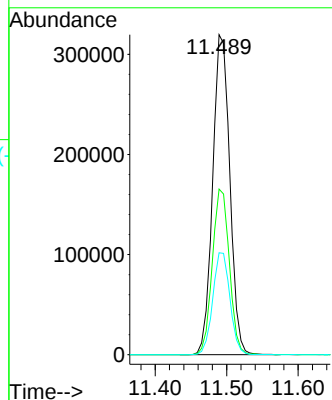
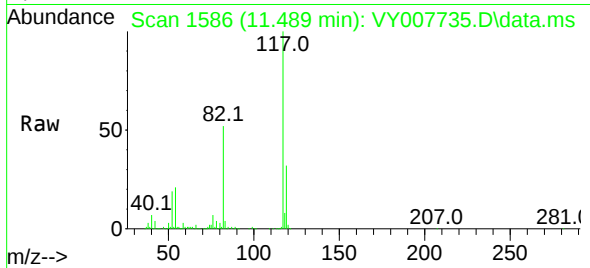




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

Instrument :
MSVOA_Y
ClientSampleId :
27-28-SAMPLE-LOCATION-14

Tgt Ion:117 Resp: 531579
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

Tgt Ion:152 Resp: 238453
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 158.4 0.0 347.6

