

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007743.D
 Acq On : 04 Mar 2022 15:43
 Operator : SY/MD
 Sample : N1785-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-4-030322

Quant Time: Mar 05 04:24:44 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	388983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	602751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	545730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	240940	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	191960	47.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.280%
35) Dibromofluoromethane	7.728	113	196775	51.063	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.120%
50) Toluene-d8	10.184	98	742334	52.331	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.660%
62) 4-Bromofluorobenzene	12.483	95	217536	47.575	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.140%

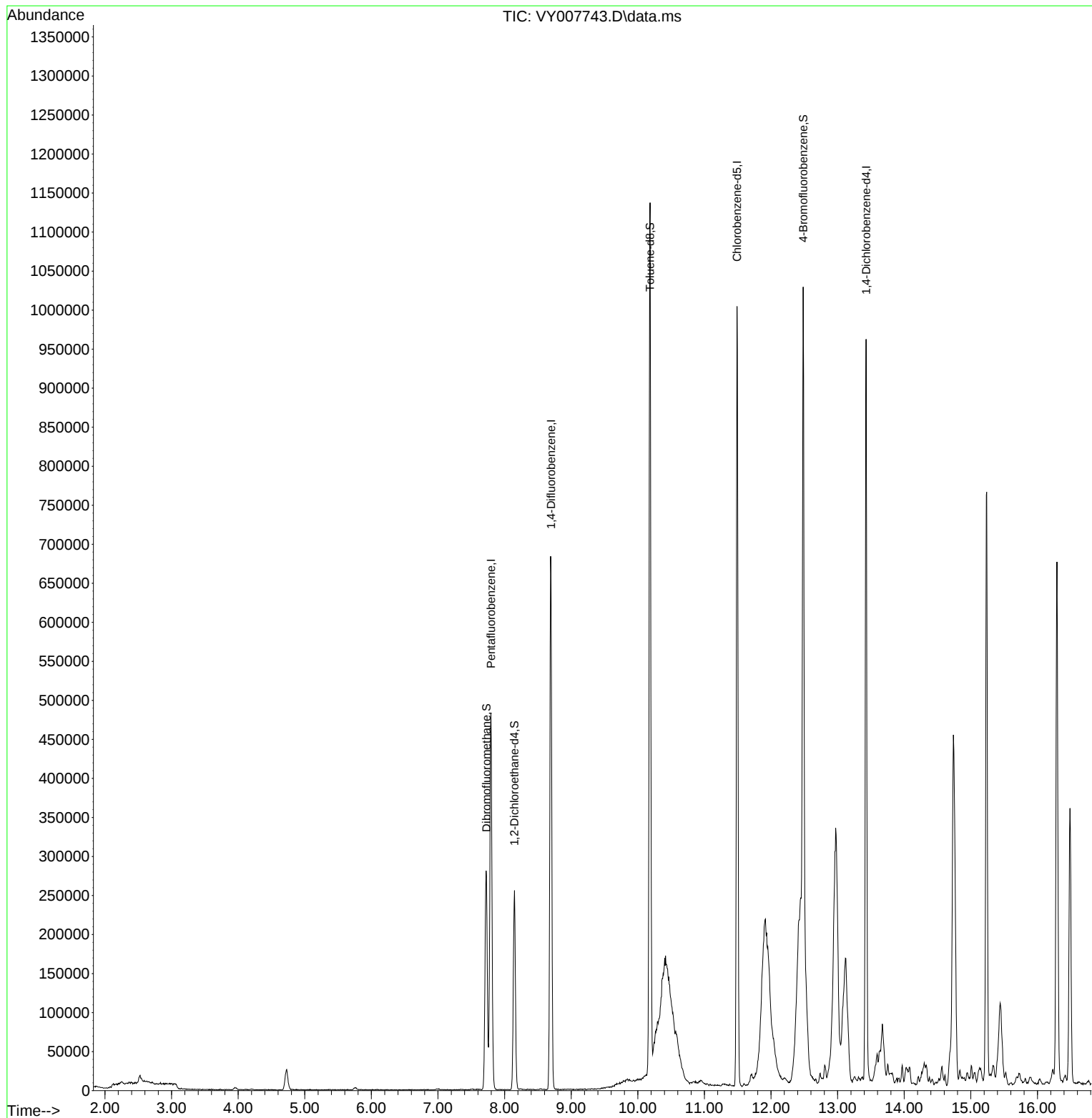
Target Compounds	Qvalue

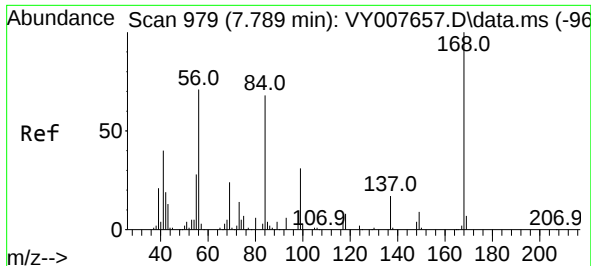
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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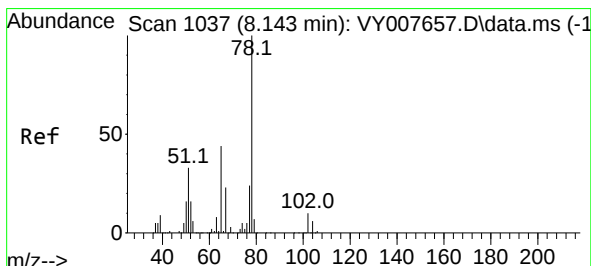
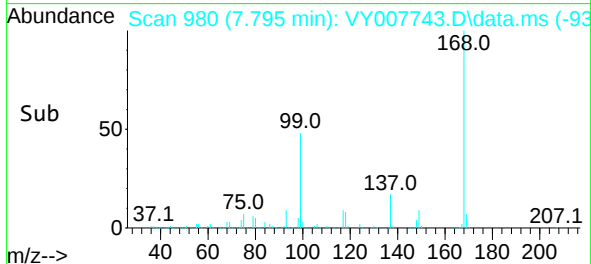
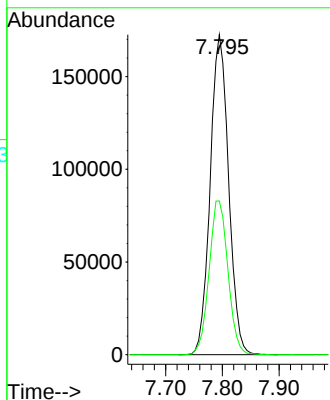
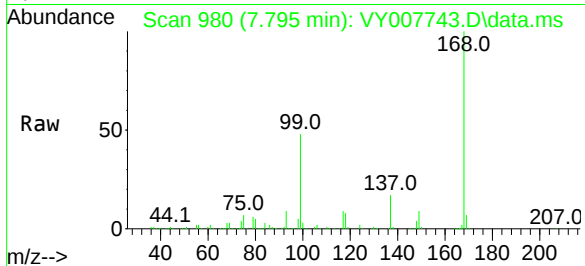




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007743.D
Acq: 04 Mar 2022 15:43

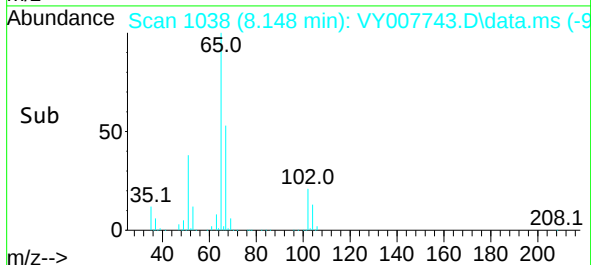
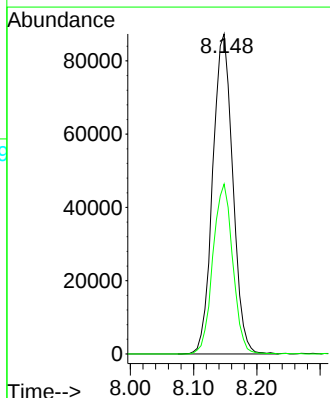
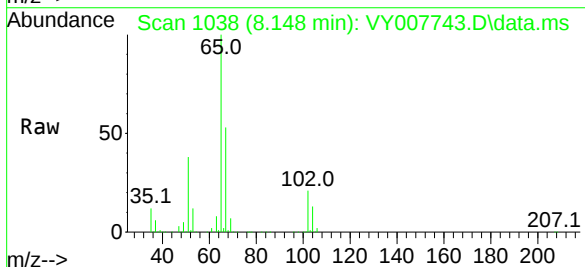
Instrument :
MSVOA_Y
ClientSampleId :
TR-4-030322

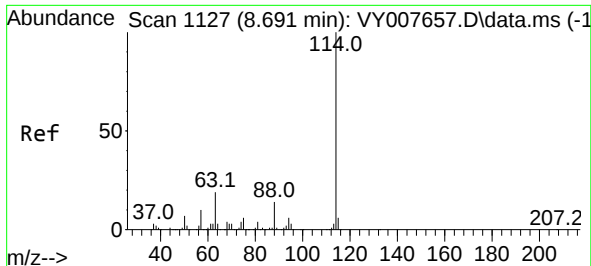
Tgt Ion:168 Resp: 388983
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 47.138 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.005 min
Lab File: VY007743.D
Acq: 04 Mar 2022 15:43

Tgt Ion: 65 Resp: 191960
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4

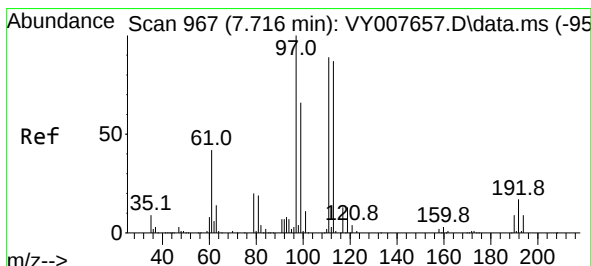
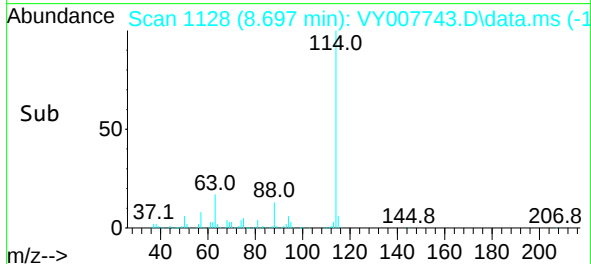
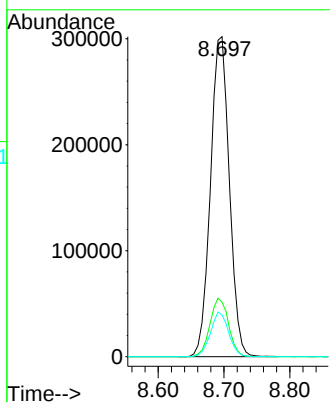
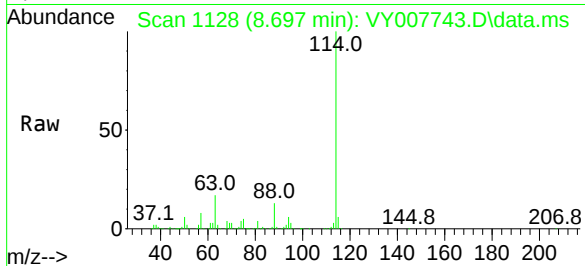




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY007743.D
Acq: 04 Mar 2022 15:43

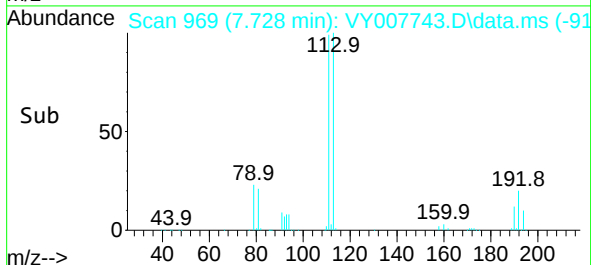
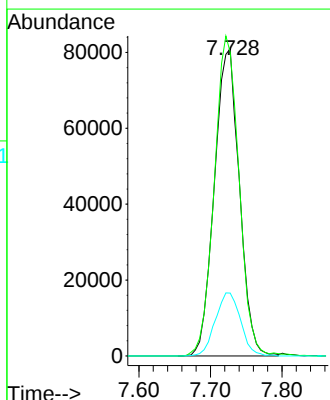
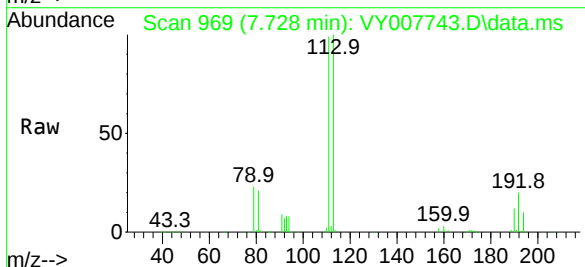
Instrument :
MSVOA_Y
ClientSampleId :
TR-4-030322

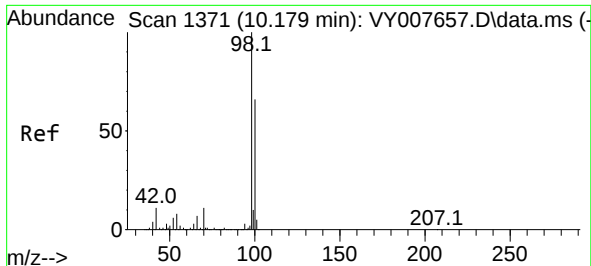
Tgt Ion:114 Resp: 602751
Ion Ratio Lower Upper
114 100
63 17.0 0.0 43.2
88 13.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.063 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY007743.D
Acq: 04 Mar 2022 15:43

Tgt Ion:113 Resp: 196775
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 20.7 17.6 26.4

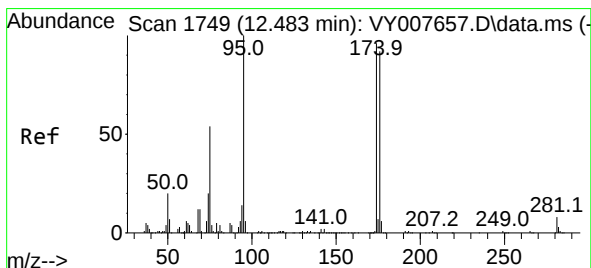
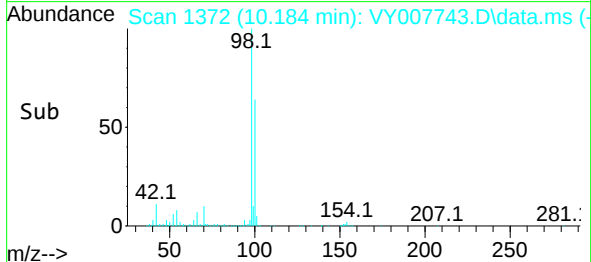
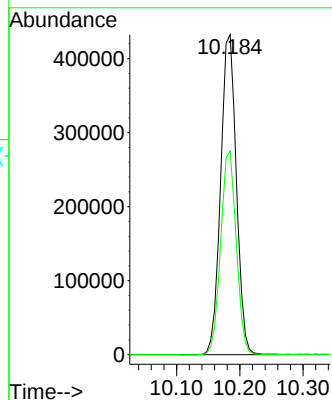
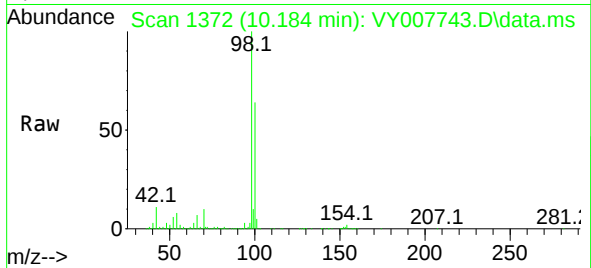




#50
Toluene-d8
Concen: 52.331 ug/l
RT: 10.184 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY007743.D
Acq: 04 Mar 2022 15:43

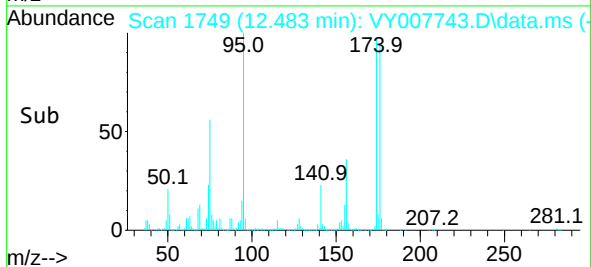
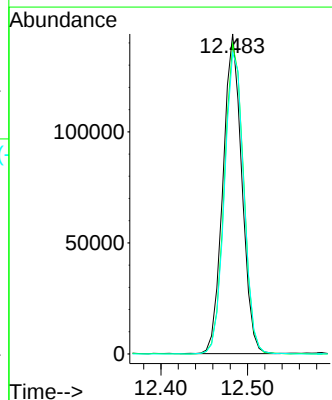
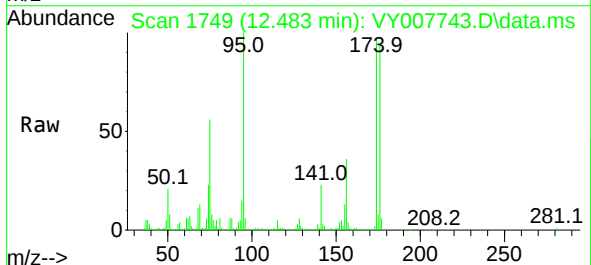
Instrument :
MSVOA_Y
ClientSampleId :
TR-4-030322

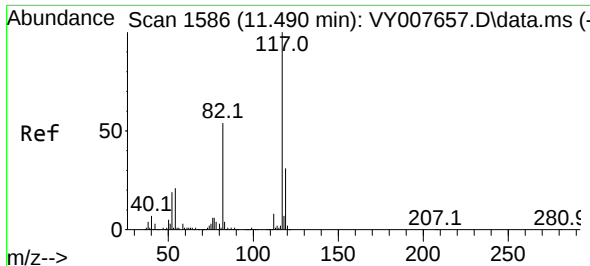
Tgt Ion: 98 Resp: 742334
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.575 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007743.D
Acq: 04 Mar 2022 15:43

Tgt Ion: 95 Resp: 217536
Ion Ratio Lower Upper
95 100
174 98.8 0.0 177.0
176 96.8 0.0 175.8

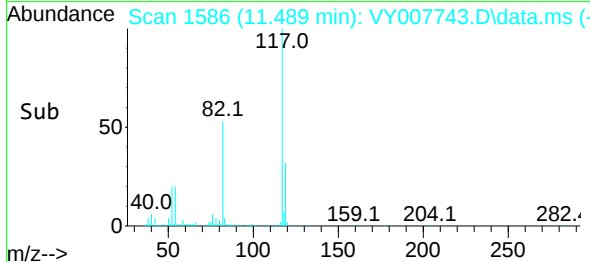
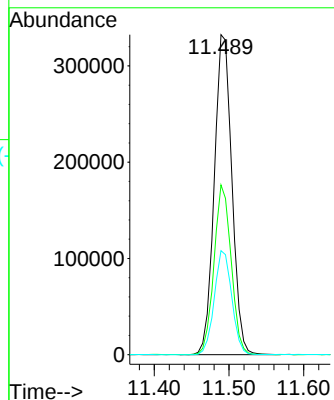
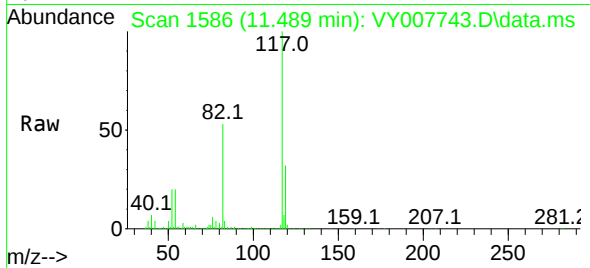




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007743.D
Acq: 04 Mar 2022 15:43

Instrument :
MSVOA_Y
ClientSampleId :
TR-4-030322

Tgt Ion:117 Resp: 545730
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.5 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: VY007743.D
Acq: 04 Mar 2022 15:43

Tgt Ion:152 Resp: 240940
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 157.4 0.0 347.6

