

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005642.D
 Acq On : 13 Aug 2021 18:25
 Operator : SY/MD
 Sample : M3408-13
 Misc : 9.23G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 34N

Quant Time: Aug 14 03:37:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

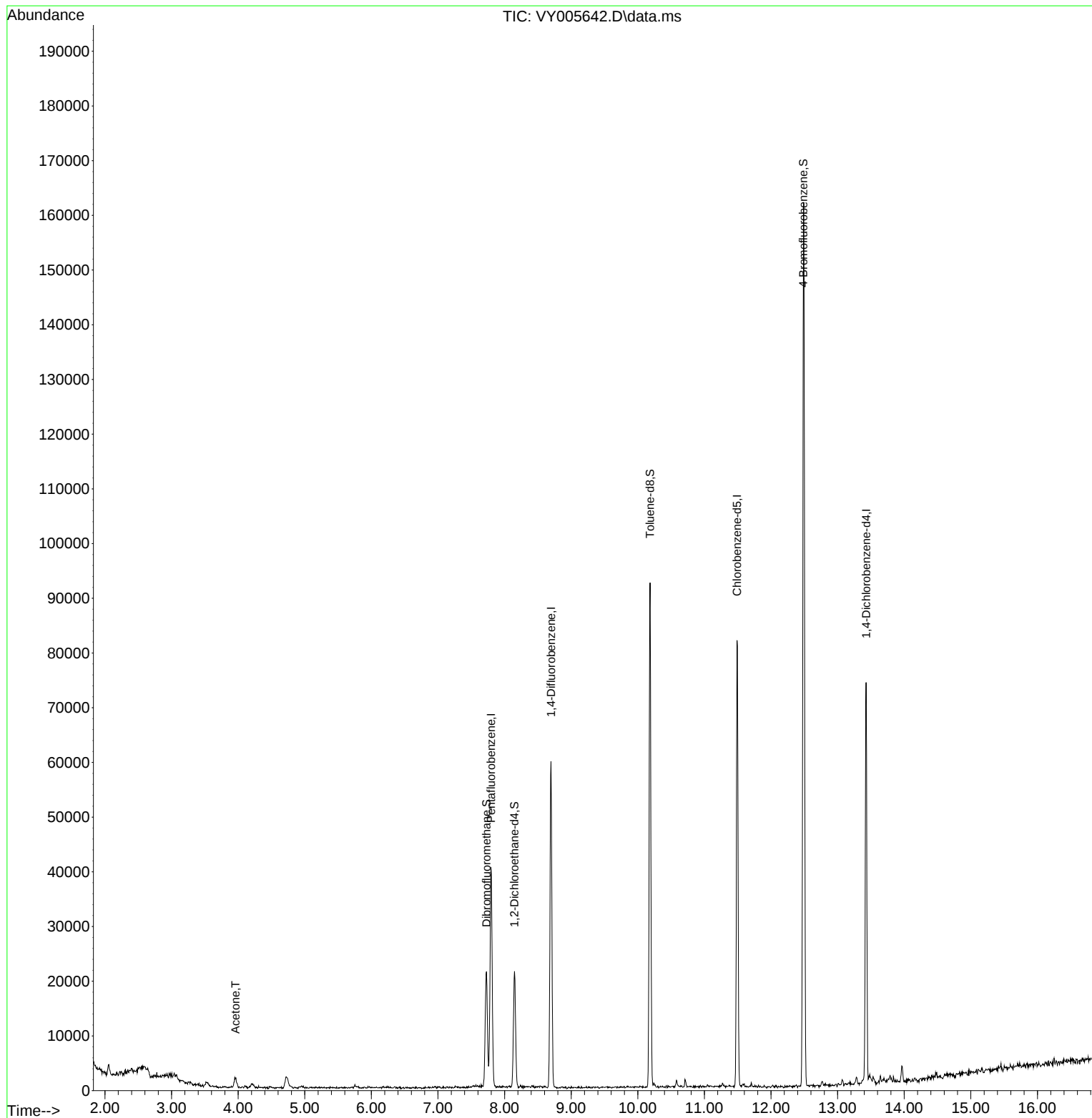
Internal Standards						
1) Pentafluorobenzene	7.795	168	32868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	48985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	43939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	17506	52.617	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.240%	
35) Dibromofluoromethane	7.728	113	14493	52.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.680%	
50) Toluene-d8	10.185	98	60264	52.394	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.780%	
62) 4-Bromofluorobenzene	12.483	95	17752	46.607	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.220%	
Target Compounds						
16) Acetone	3.960	43	3116	37.147	ug/l	Qvalue 99

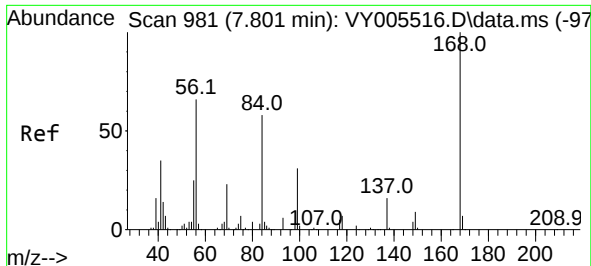
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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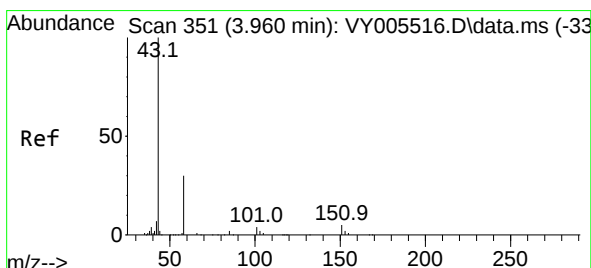
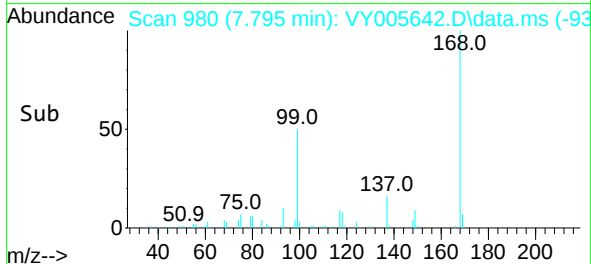
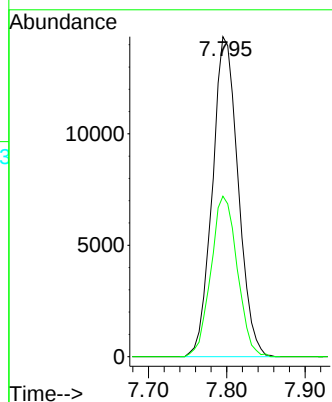
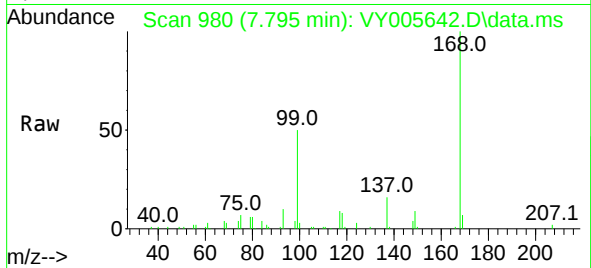




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005642.D
Acq: 13 Aug 2021 18:25

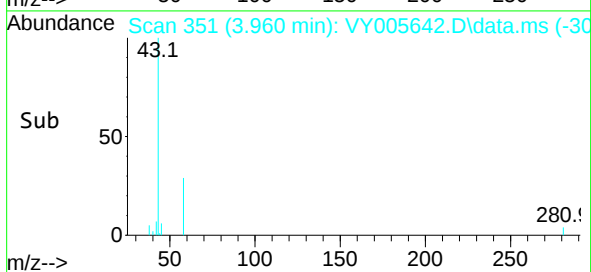
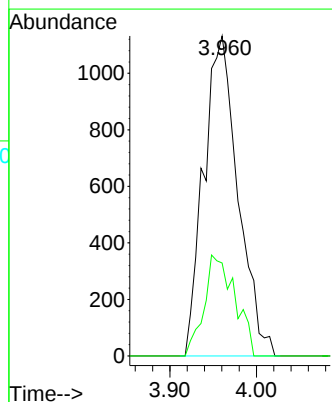
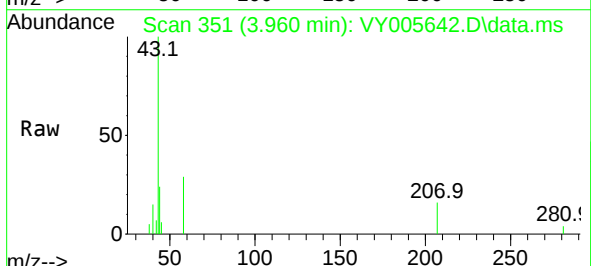
Instrument :
MSVOA_Y
ClientSampleId :
34N

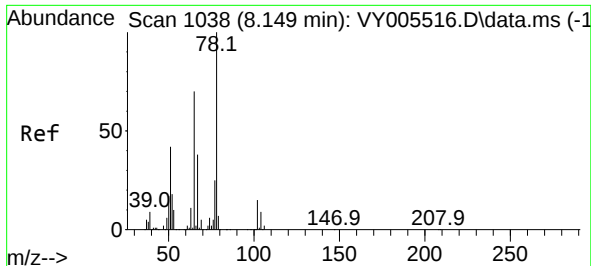
Tgt Ion:168 Resp: 32868
Ion Ratio Lower Upper
168 100
99 50.2 38.9 58.3



#16
Acetone
Concen: 37.147 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005642.D
Acq: 13 Aug 2021 18:25

Tgt Ion: 43 Resp: 3116
Ion Ratio Lower Upper
43 100
58 29.1 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 52.617 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY005642.D

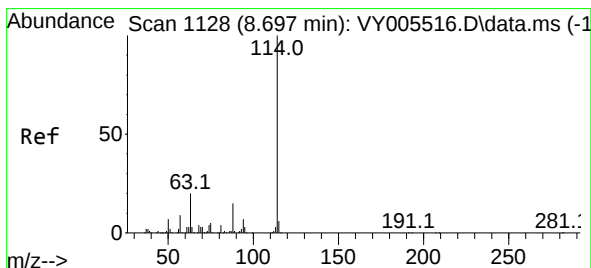
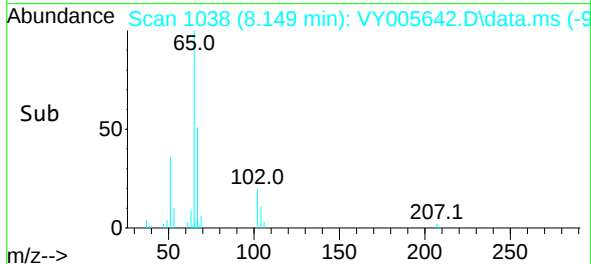
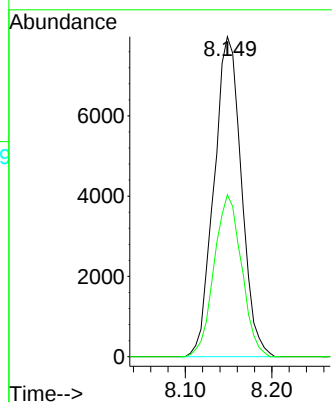
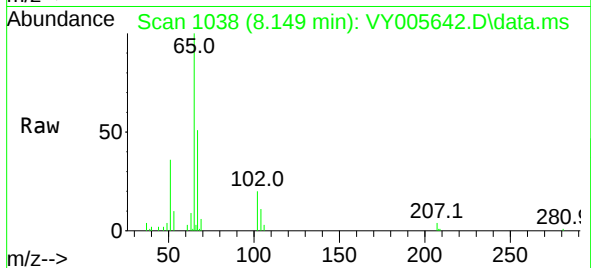
Acq: 13 Aug 2021 18:25

Tgt Ion: 65 Resp: 17506

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005642.D

Acq: 13 Aug 2021 18:25

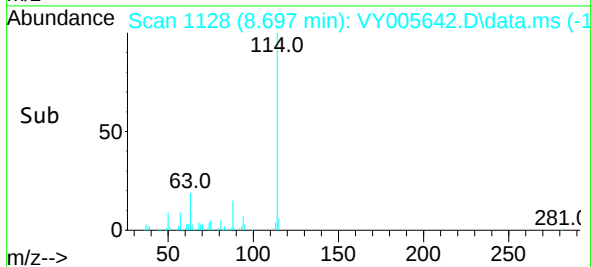
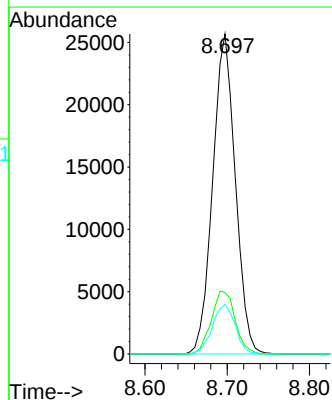
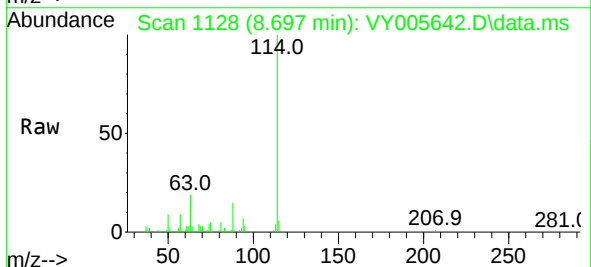
Tgt Ion: 114 Resp: 48985

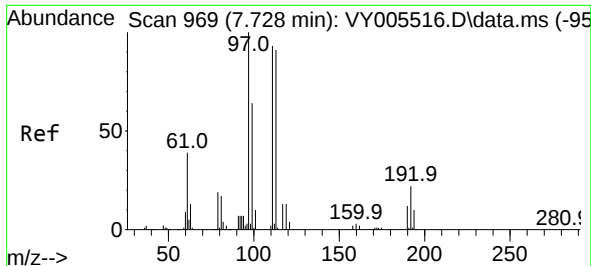
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 15.4 0.0 30.8

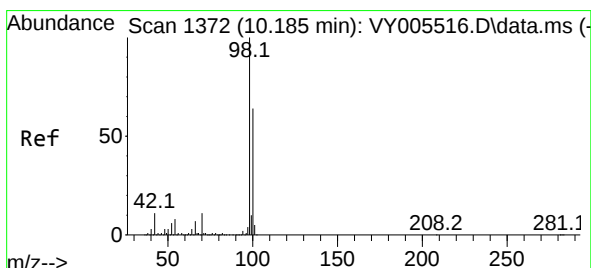
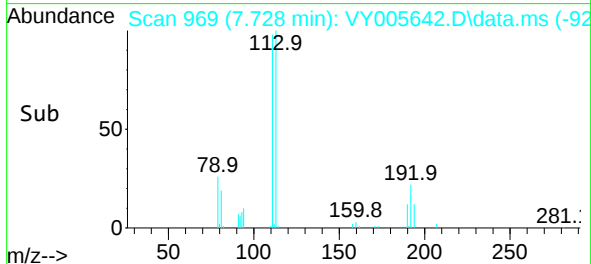
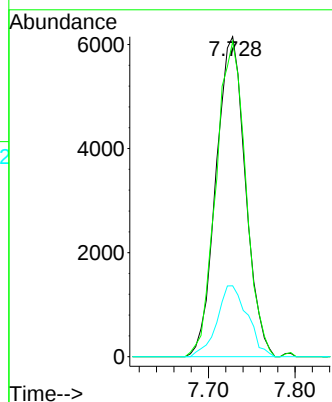
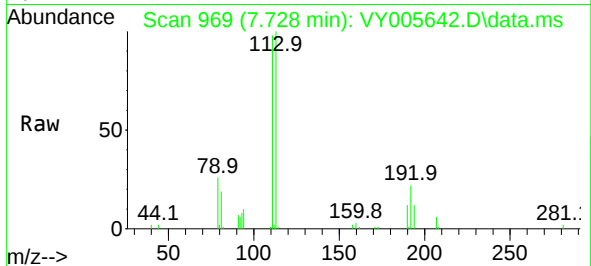




#35
Dibromofluoromethane
Concen: 52.845 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005642.D
Acq: 13 Aug 2021 18:25

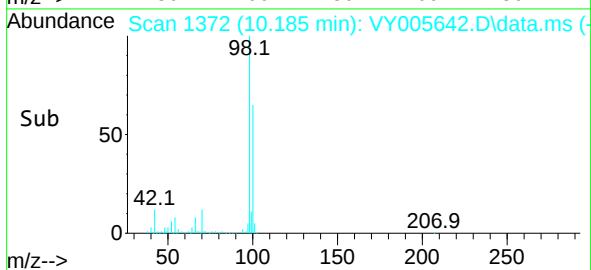
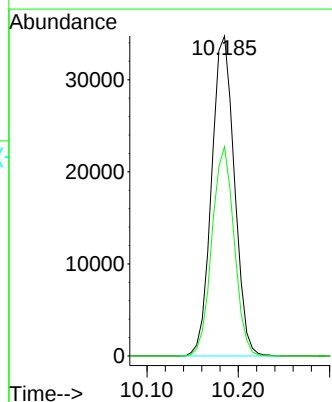
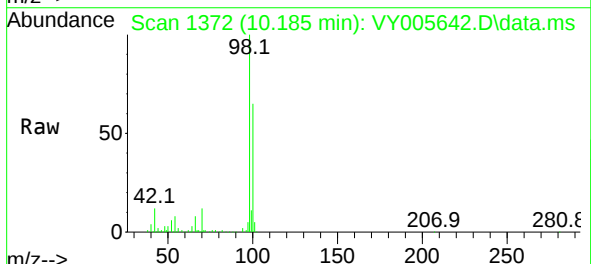
Instrument :
MSVOA_Y
ClientSampled :
34N

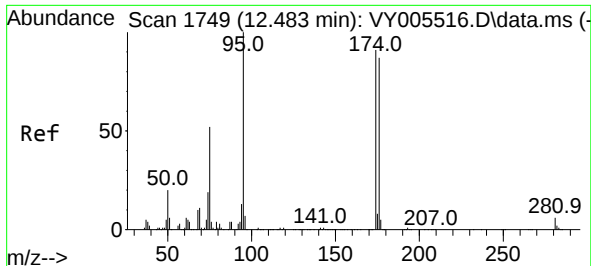
Tgt Ion:113 Resp: 14493
Ion Ratio Lower Upper
113 100
111 99.6 81.9 122.9
192 23.0 19.2 28.8



#50
Toluene-d8
Concen: 52.394 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005642.D
Acq: 13 Aug 2021 18:25

Tgt Ion: 98 Resp: 60264
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9

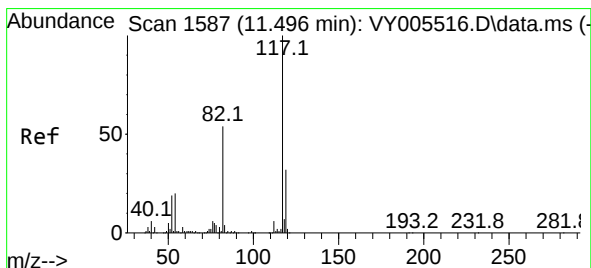
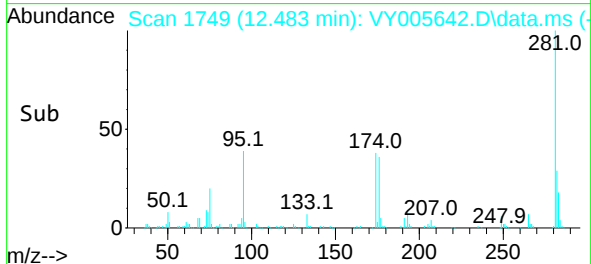
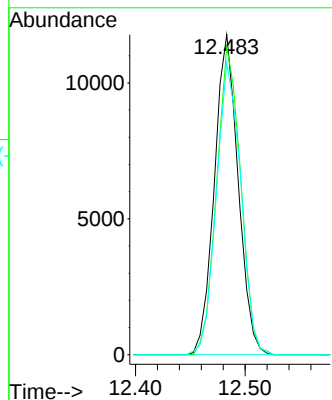
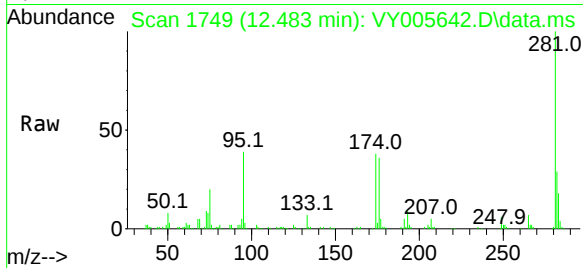




#62
4-Bromofluorobenzene
Concen: 46.607 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005642.D
Acq: 13 Aug 2021 18:25

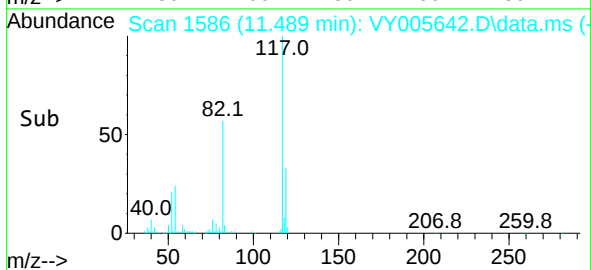
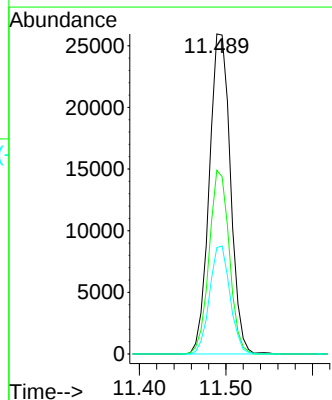
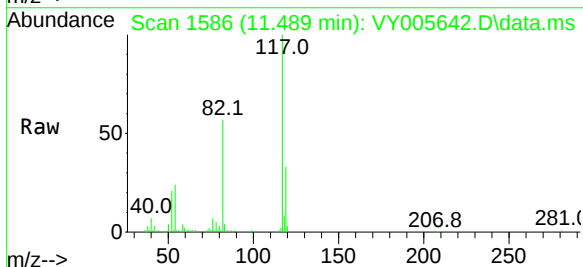
Instrument :
MSVOA_Y
ClientSampled :
34N

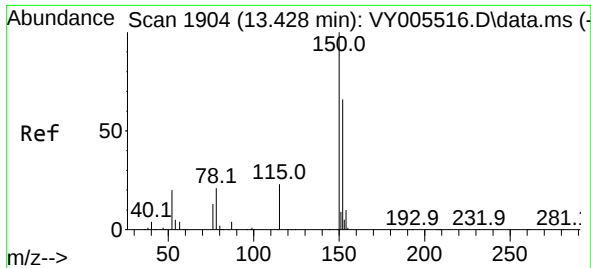
Tgt Ion: 95 Resp: 17752
Ion Ratio Lower Upper
95 100
174 97.5 0.0 191.4
176 93.7 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005642.D
Acq: 13 Aug 2021 18:25

Tgt Ion: 117 Resp: 43939
Ion Ratio Lower Upper
117 100
82 57.4 43.5 65.3
119 33.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005642.D
 Acq: 13 Aug 2021 18:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 34N

Tgt Ion:152 Resp: 19463
 Ion Ratio Lower Upper
 152 100
 115 53.9 27.3 81.9
 150 156.2 0.0 350.2

