

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005328.D
 Acq On : 01 Jul 2021 20:41
 Operator : SY/MD
 Sample : M2913-17
 Misc : 4.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-D19

Quant Time: Jul 02 05:20:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

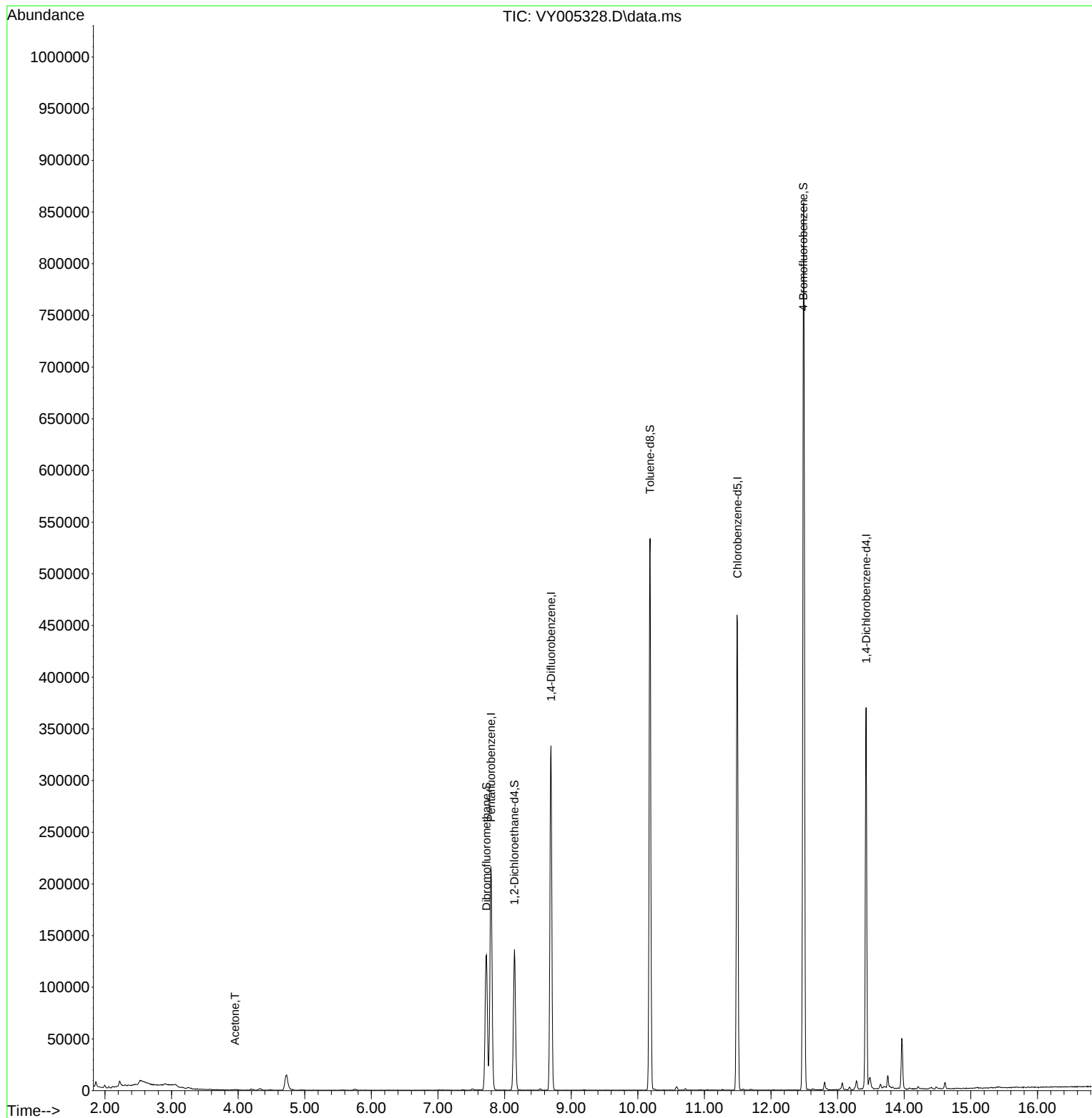
Internal Standards						
1) Pentafluorobenzene	7.795	168	185594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	292473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	264212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	103913	67.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.940%	
35) Dibromofluoromethane	7.728	113	93165	54.013	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.020%	
50) Toluene-d8	10.185	98	355381	51.520	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	12.483	95	100841	43.871	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.740%	
Target Compounds						
16) Acetone	3.954	43	1150	3.232	ug/l	Qvalue # 75

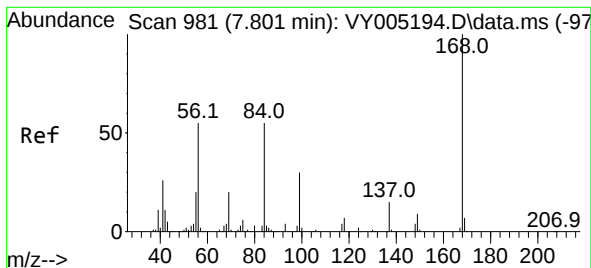
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY005328.D

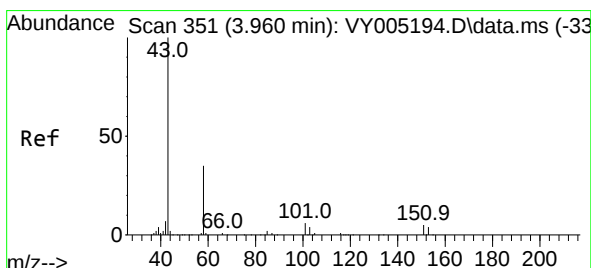
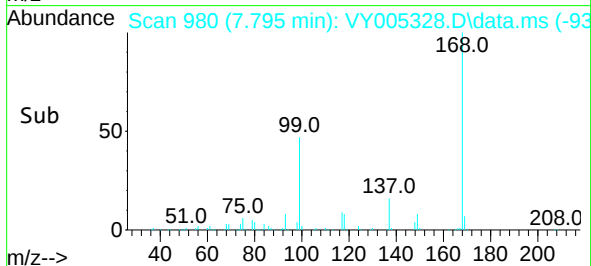
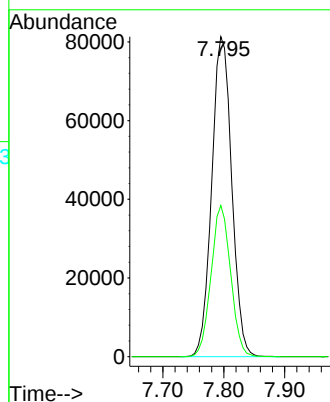
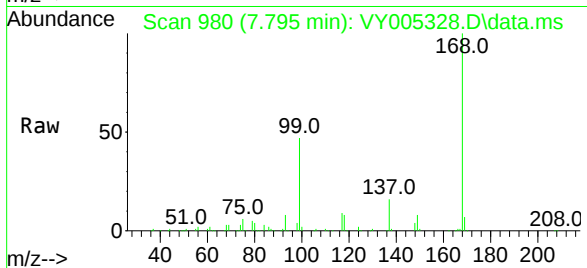
Acq: 01 Jul 2021 20:41

Tgt Ion:168 Resp: 185594

Ion Ratio Lower Upper

168 100

99 47.3 36.2 54.4



#16

Acetone

Concen: 3.232 ug/l

RT: 3.954 min Scan# 350

Delta R.T. -0.006 min

Lab File: VY005328.D

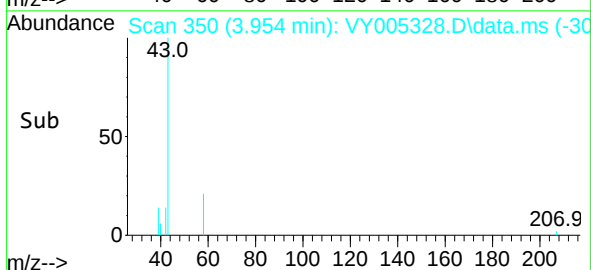
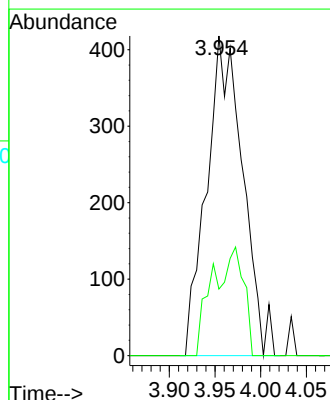
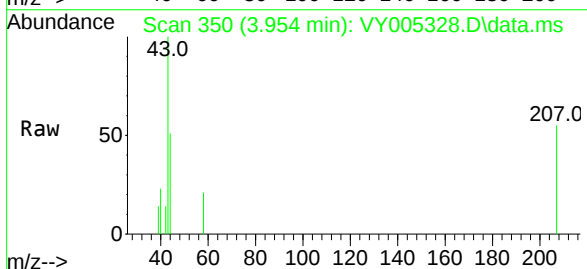
Acq: 01 Jul 2021 20:41

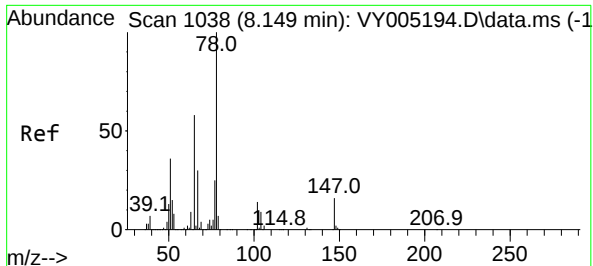
Tgt Ion: 43 Resp: 1150

Ion Ratio Lower Upper

43 100

58 20.8 28.2 42.2#

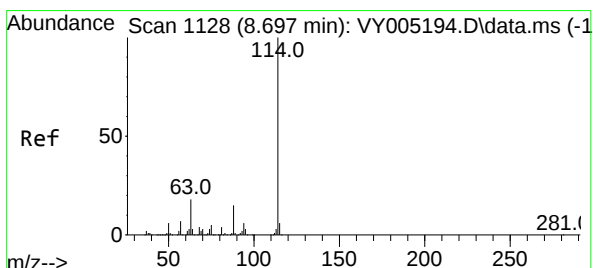
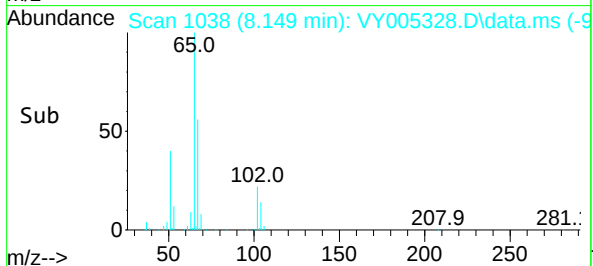
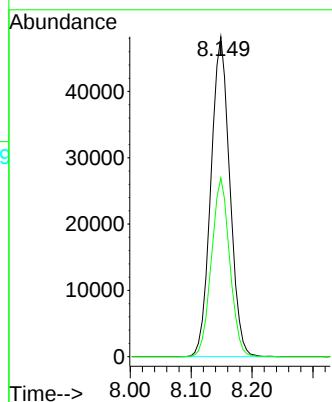
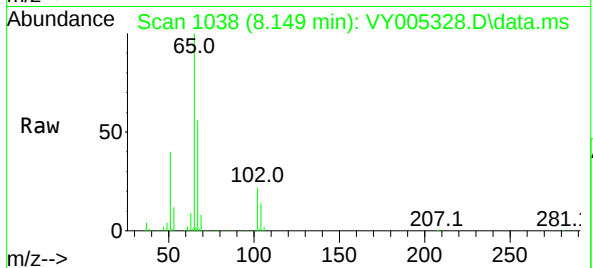




#33
1,2-Dichloroethane-d4
Concen: 67.469 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

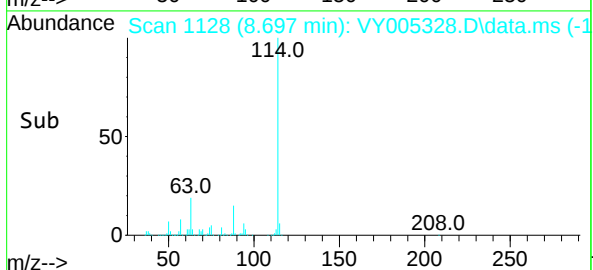
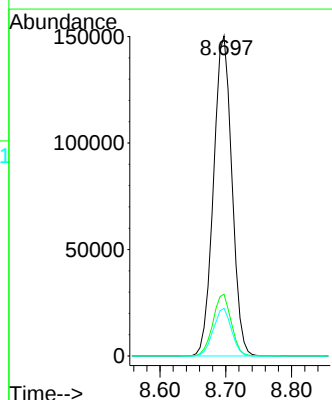
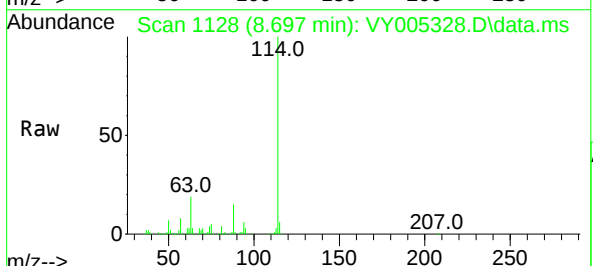
Instrument :
MSVOA_Y
ClientSampled :
P-D19

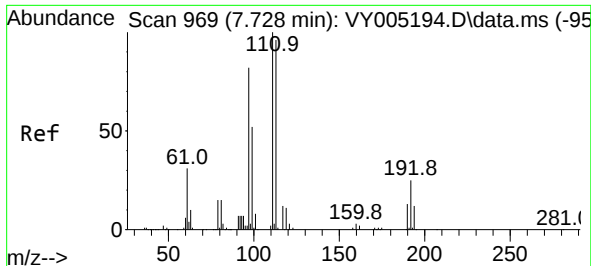
Tgt Ion: 65 Resp: 103913
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

Tgt Ion: 114 Resp: 292473
Ion Ratio Lower Upper
114 100
63 19.3 0.0 35.2
88 14.8 0.0 29.4

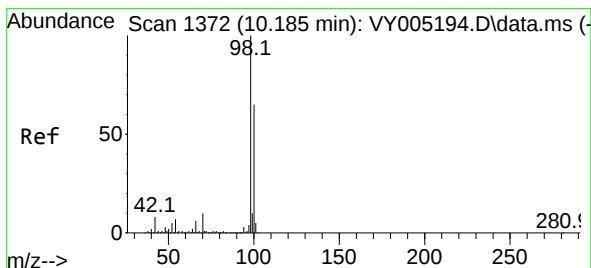
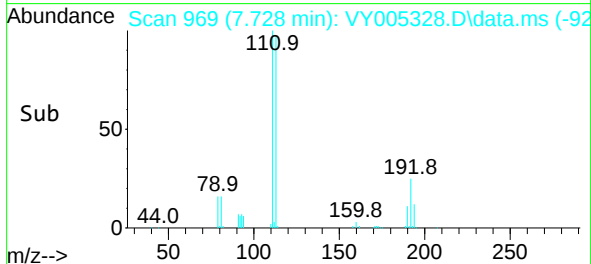
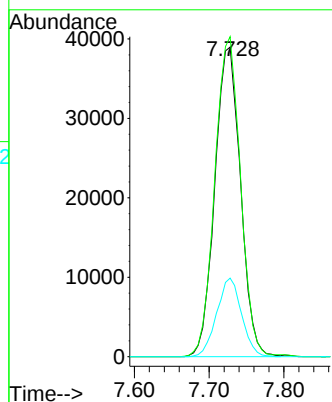
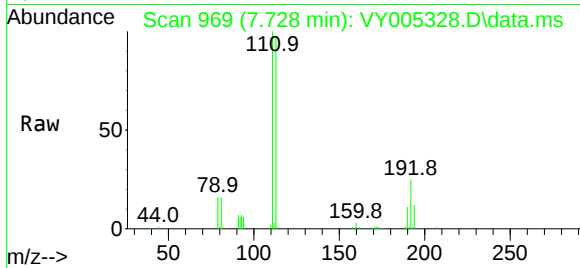




#35
Dibromofluoromethane
Concen: 54.013 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

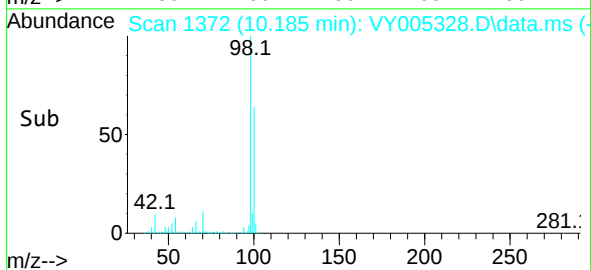
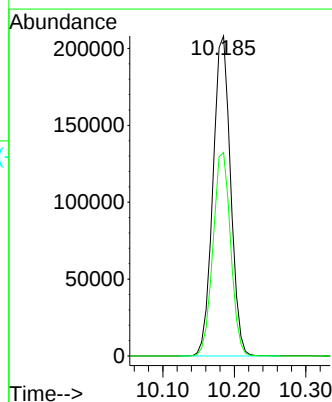
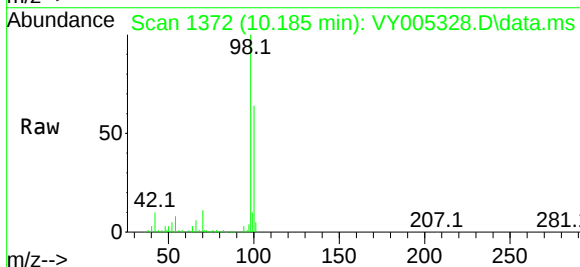
Instrument :
MSVOA_Y
ClientSampleId :
P-D19

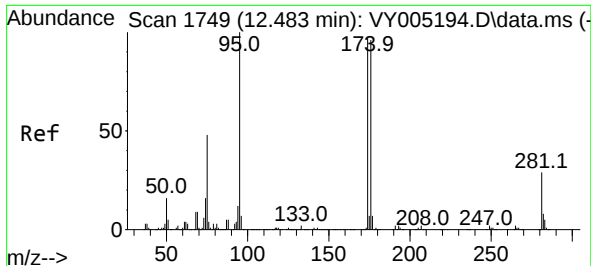
Tgt Ion:113 Resp: 93165
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 24.5 20.2 30.2



#50
Toluene-d8
Concen: 51.520 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

Tgt Ion: 98 Resp: 355381
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

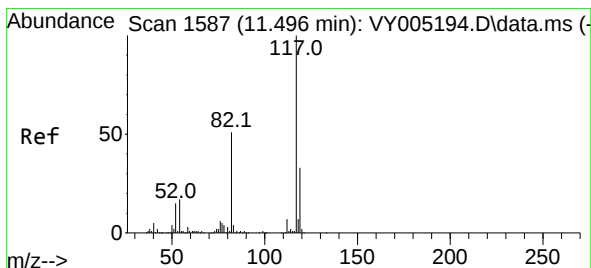
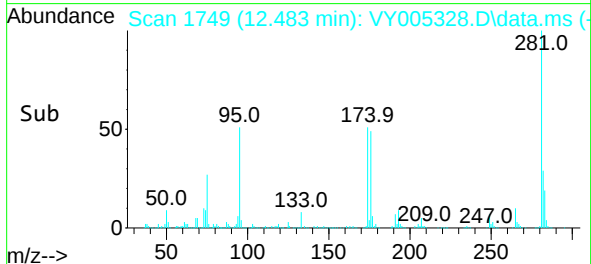
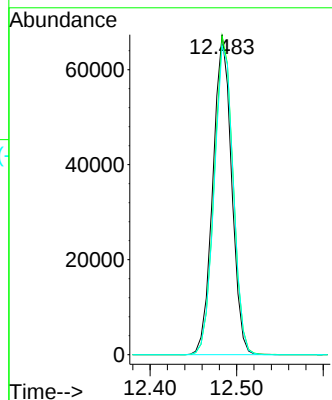
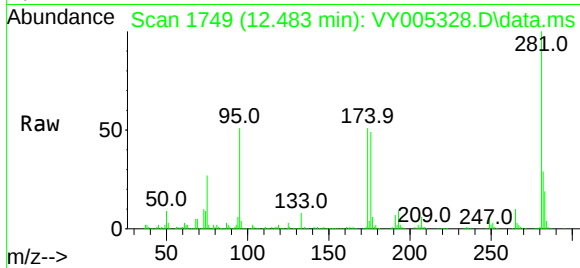




#62
4-Bromofluorobenzene
Concen: 43.871 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

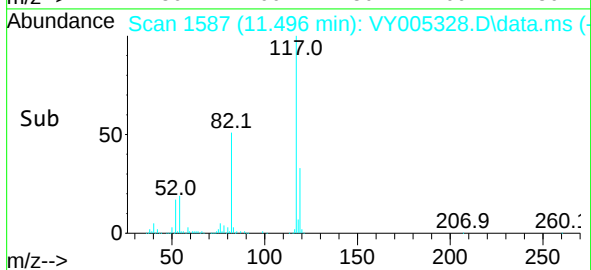
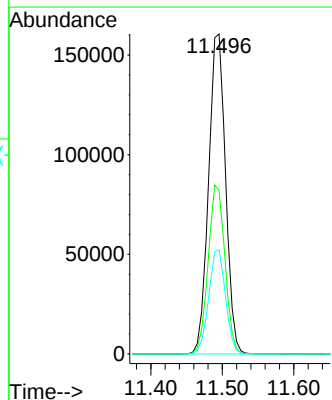
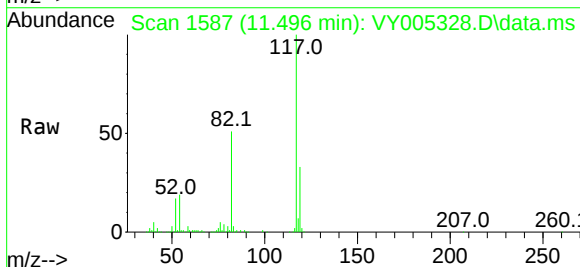
Instrument :
MSVOA_Y
ClientSampleId :
P-D19

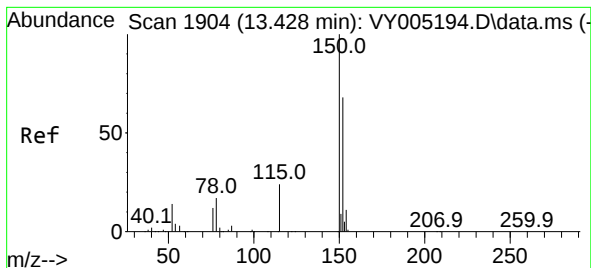
Tgt Ion: 95 Resp: 100841
Ion Ratio Lower Upper
95 100
174 100.1 0.0 201.6
176 98.4 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005328.D
Acq: 01 Jul 2021 20:41

Tgt Ion: 117 Resp: 264212
Ion Ratio Lower Upper
117 100
82 51.0 40.6 60.8
119 32.5 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005328.D
 Acq: 01 Jul 2021 20:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-D19

Tgt Ion:152 Resp: 99551
 Ion Ratio Lower Upper
 152 100
 115 52.9 26.3 78.8
 150 157.1 0.0 344.2

