

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005650.D
 Acq On : 13 Aug 2021 21:30
 Operator : SY/MD
 Sample : M3407-13
 Misc : 7.62G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 27N

Quant Time: Aug 14 03:40:04 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)

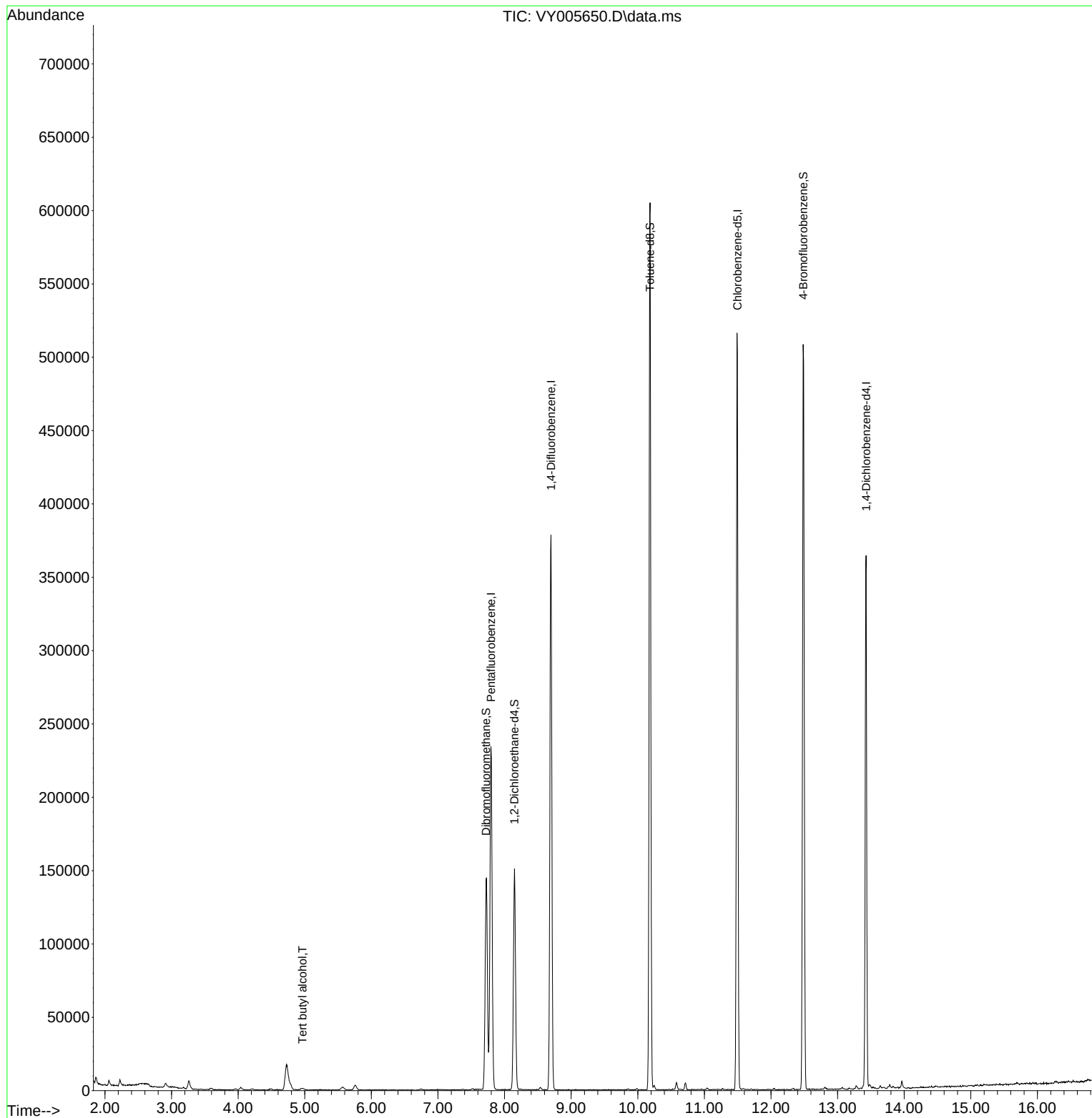
Internal Standards						
1) Pentafluorobenzene	7.795	168	188647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	318518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	274601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119044	62.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.680%	
35) Dibromofluoromethane	7.722	113	98288	55.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.240%	
50) Toluene-d8	10.185	98	391161	52.301	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.600%	
62) 4-Bromofluorobenzene	12.483	95	103276	41.699	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.400%	
Target Compounds						
11) Tert butyl alcohol	4.966	59	2821	14.944	ug/l	Qvalue # 78

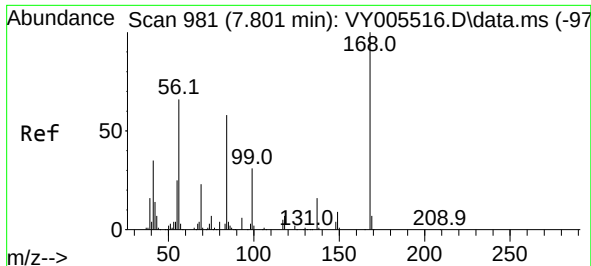
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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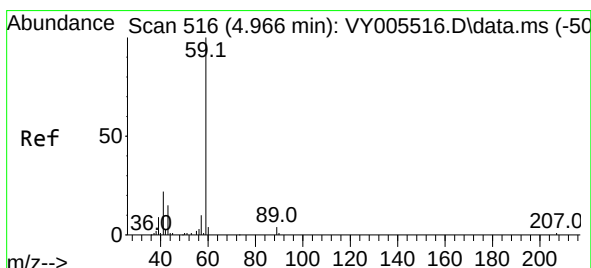
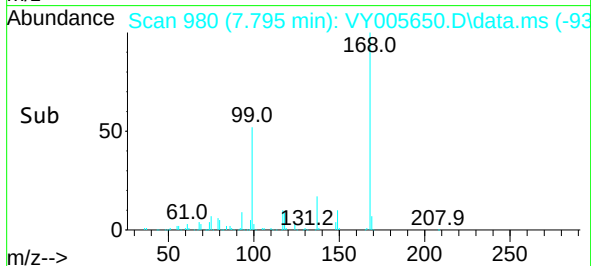
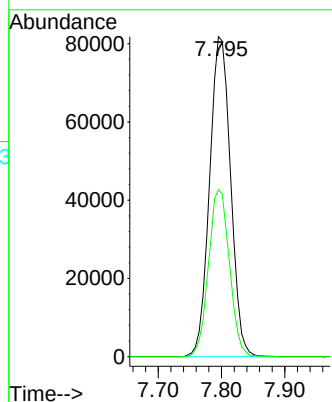
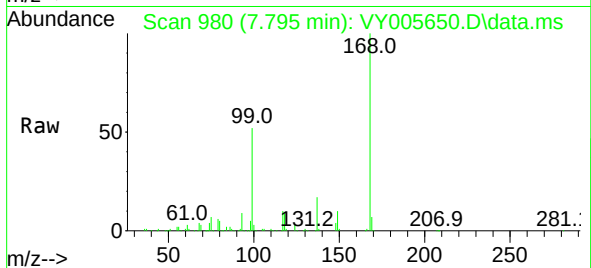




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

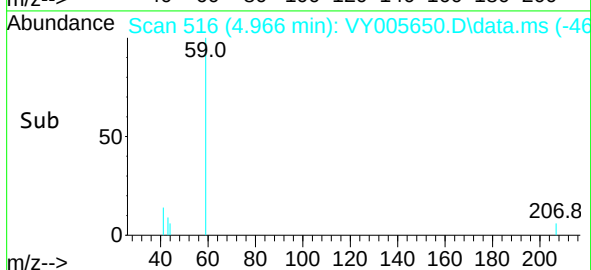
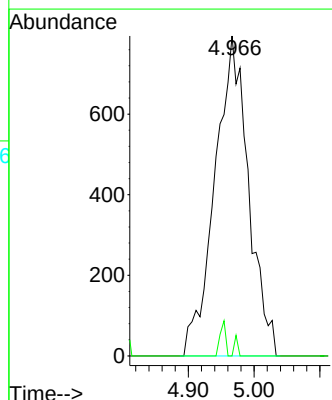
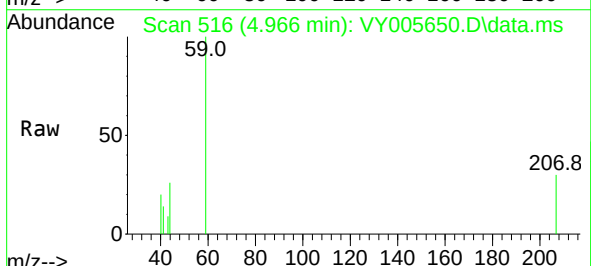
Instrument :
MSVOA_Y
ClientSampleId :
27N

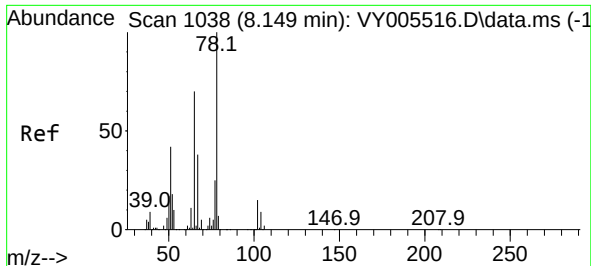
Tgt Ion:168 Resp: 188647
Ion Ratio Lower Upper
168 100
99 52.2 38.9 58.3



#11
Tert butyl alcohol
Concen: 14.944 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

Tgt Ion: 59 Resp: 2821
Ion Ratio Lower Upper
59 100
57 1.8 8.0 12.0#





#33

1,2-Dichloroethane-d4

Concen: 62.340 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY005650.D

Acq: 13 Aug 2021 21:30

Tgt Ion: 65 Resp: 119044

Ion Ratio Lower Upper

65 100

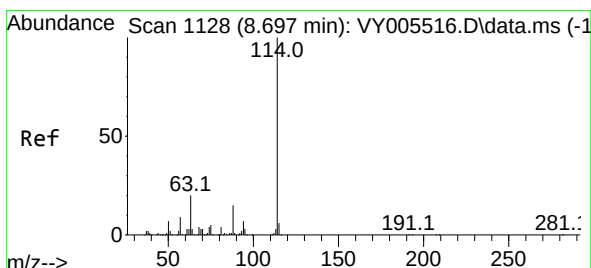
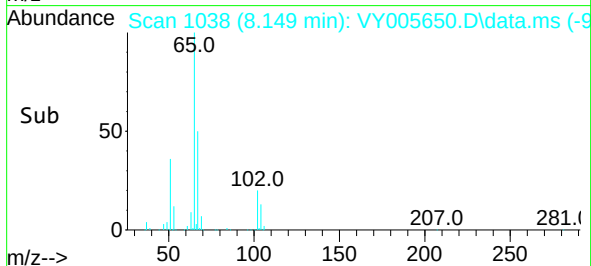
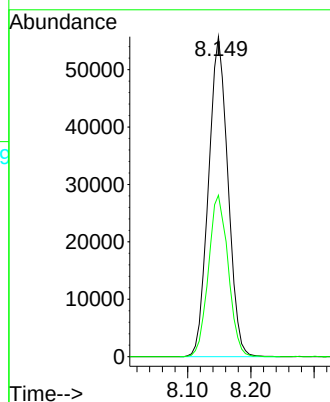
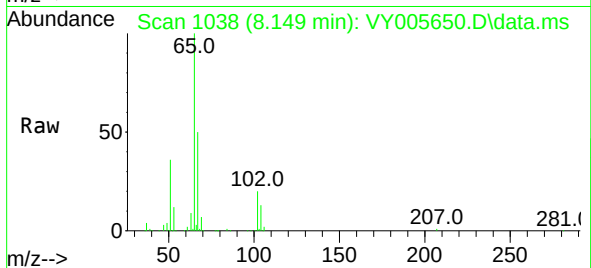
67 51.3 0.0 103.4

Instrument :

MSVOA_Y

ClientSampled :

27N



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY005650.D

Acq: 13 Aug 2021 21:30

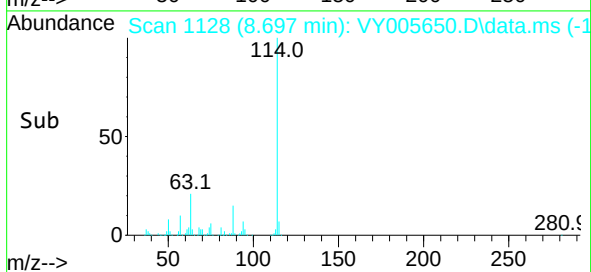
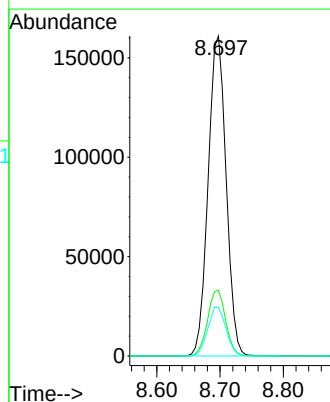
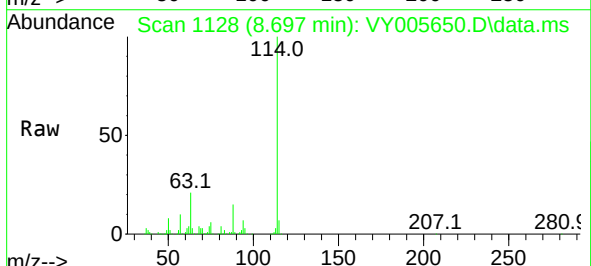
Tgt Ion: 114 Resp: 318518

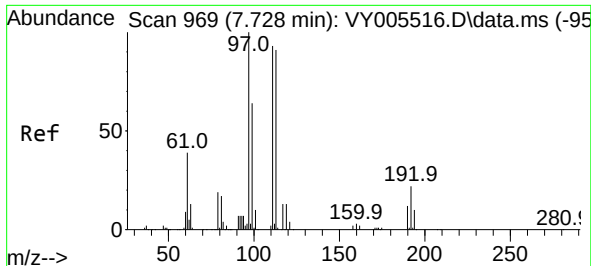
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.2

88 15.1 0.0 30.8

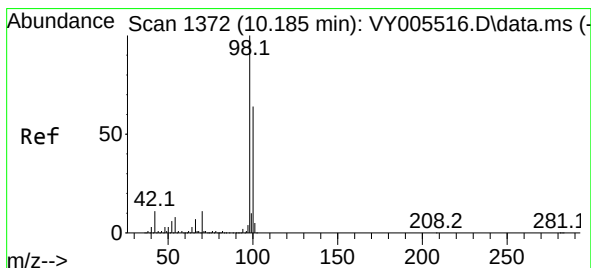
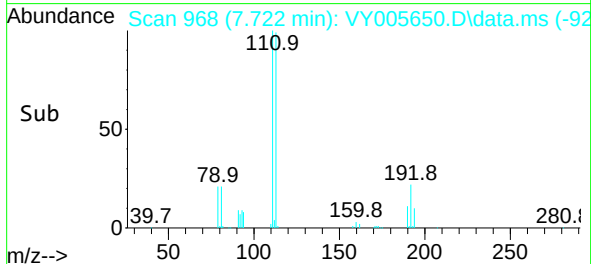
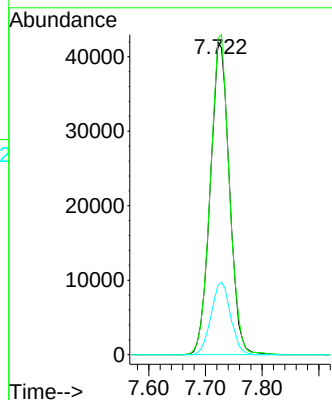
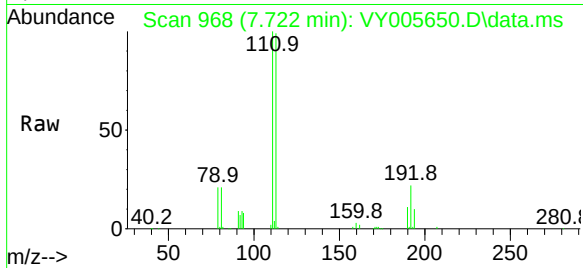




#35
Dibromofluoromethane
Concen: 55.116 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

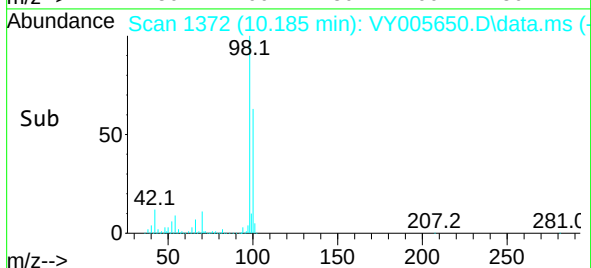
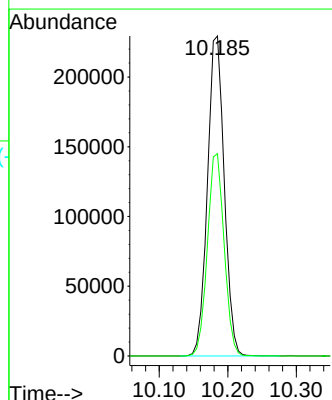
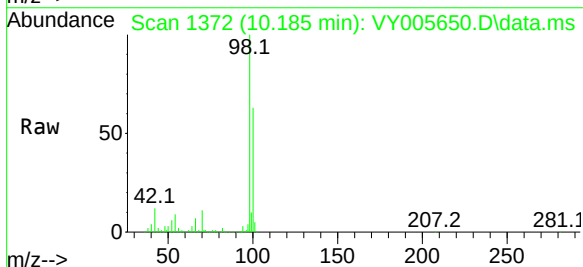
Instrument :
MSVOA_Y
ClientSampleId :
27N

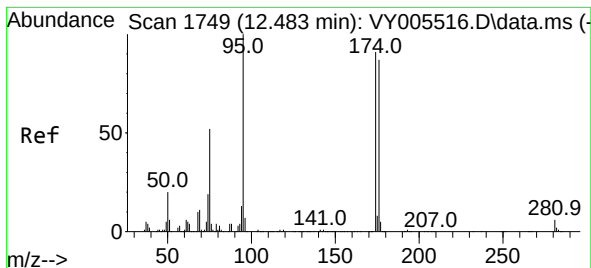
Tgt Ion:113 Resp: 98288
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 23.5 19.2 28.8



#50
Toluene-d8
Concen: 52.301 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

Tgt Ion: 98 Resp: 391161
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9

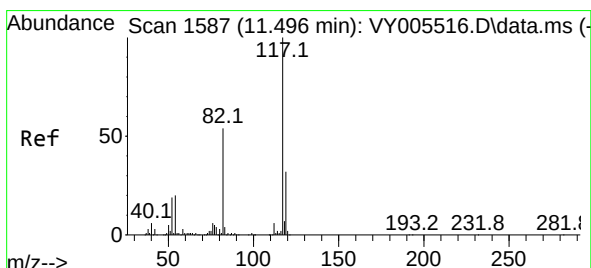
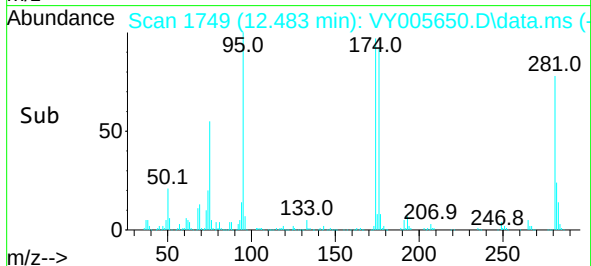
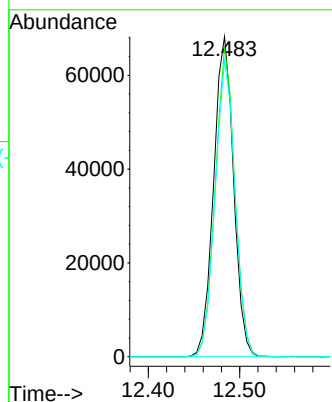
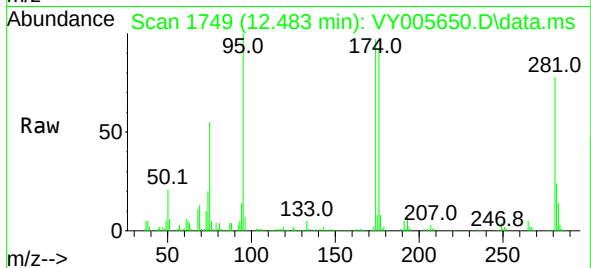




#62
4-Bromofluorobenzene
Concen: 41.699 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

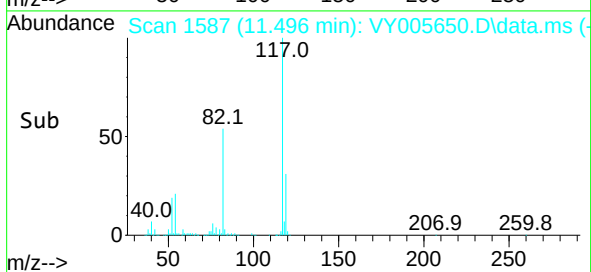
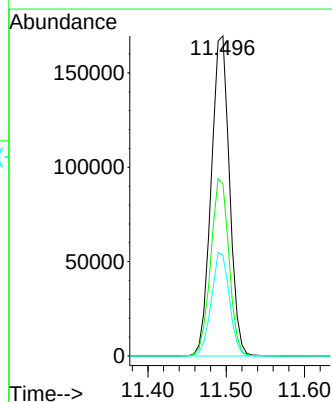
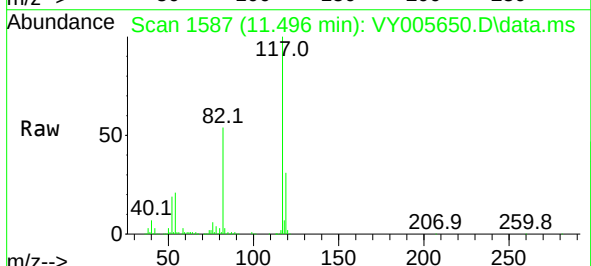
Instrument :
MSVOA_Y
ClientSampleId :
27N

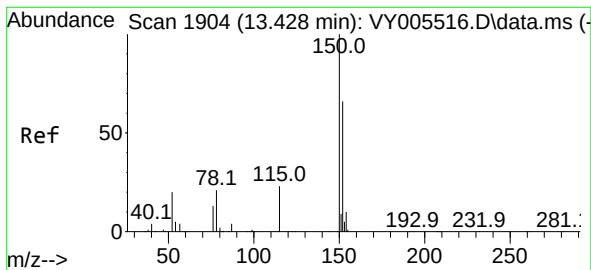
Tgt Ion: 95 Resp: 103276
Ion Ratio Lower Upper
95 100
174 95.5 0.0 191.4
176 92.7 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

Tgt Ion: 117 Resp: 274601
Ion Ratio Lower Upper
117 100
82 53.9 43.5 65.3
119 31.4 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: VY005650.D
 Acq: 13 Aug 2021 21:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 27N

Tgt Ion:152 Resp: 93165
 Ion Ratio Lower Upper
 152 100
 115 55.1 27.3 81.9
 150 155.9 0.0 350.2

