

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042721\
 Data File : VY004650.D
 Acq On : 27 Apr 2021 14:24
 Operator : SY/MD
 Sample : M2193-01
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-1

Quant Time: Apr 28 10:03:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

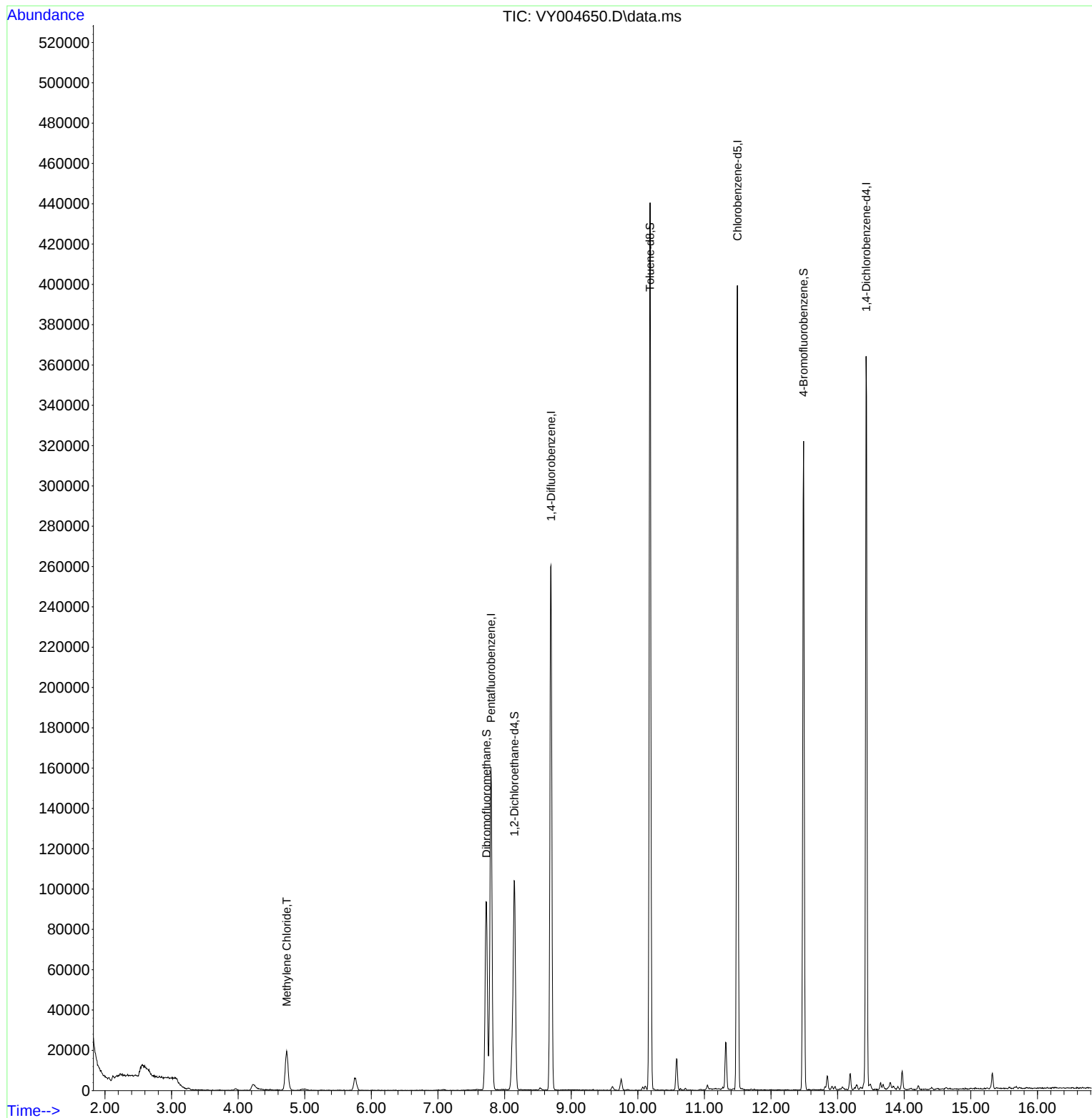
Internal Standards						
1) Pentafluorobenzene	7.795	168	120195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	216048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	200908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	74309	55.64	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.28%
35) Dibromofluoromethane	7.728	113	64652	53.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.84%
50) Toluene-d8	10.185	98	268010	52.55	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.10%
62) 4-Bromofluorobenzene	12.489	95	85649	49.49	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.98%
Target Compounds						
20) Methylene Chloride	4.728	84	13751	10.66	ug/l	Qvalue 95

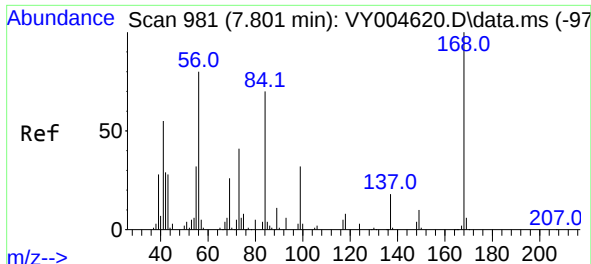
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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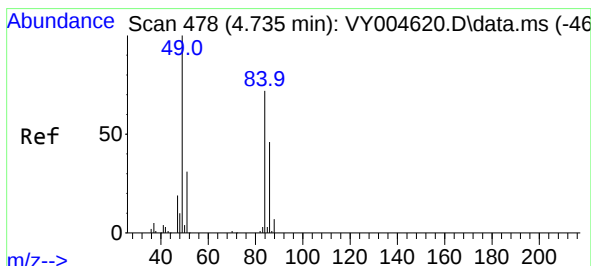
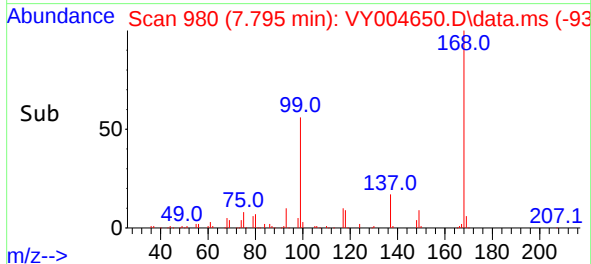
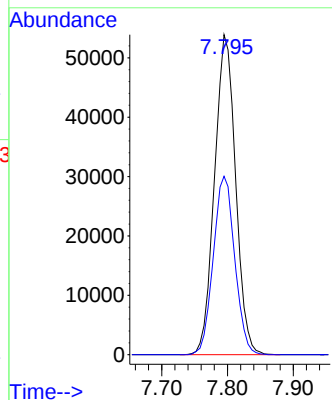
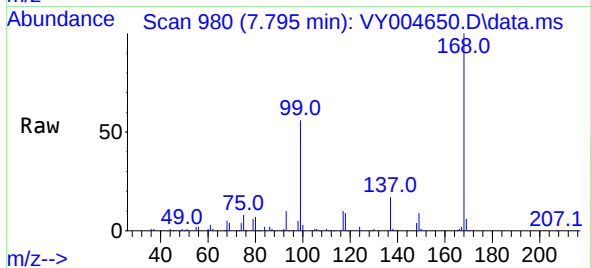




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004650.D
Acq: 27 Apr 2021 14:24

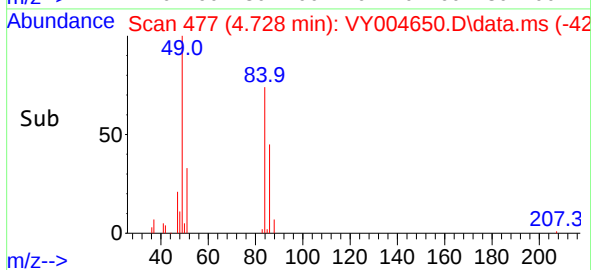
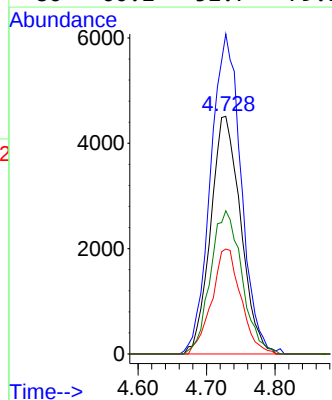
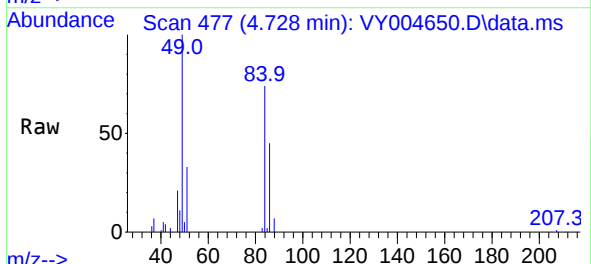
Instrument :
MSVOA_Y
ClientSampled :
S-1

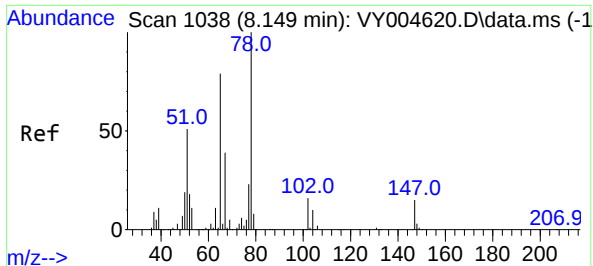
Tgt Ion:168 Resp: 120195
Ion Ratio Lower Upper
168 100
99 55.8 45.5 68.3



#20
Methylene Chloride
Concen: 10.66 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004650.D
Acq: 27 Apr 2021 14:24

Tgt Ion: 84 Resp: 13751
Ion Ratio Lower Upper
84 100
49 134.6 111.2 166.8
51 44.2 33.4 50.2
86 60.2 52.7 79.1

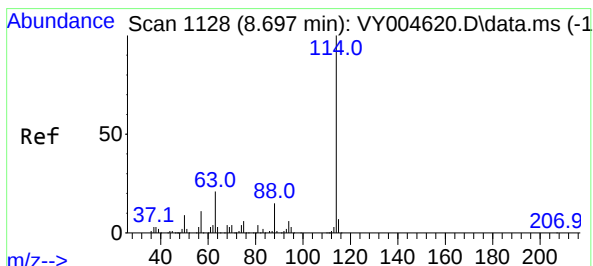
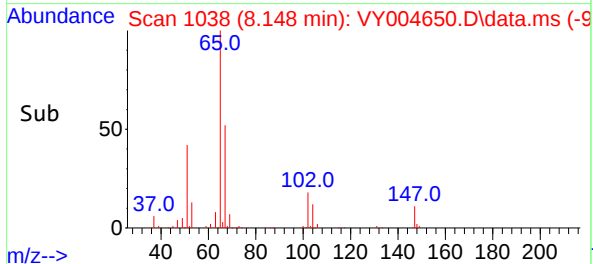
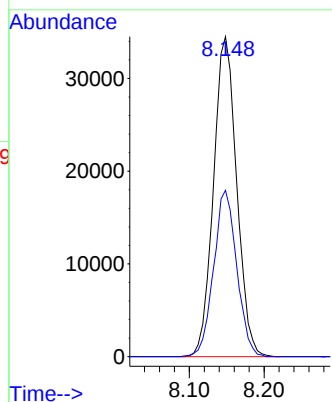
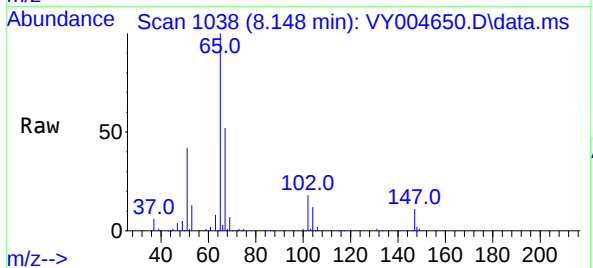




#33
1,2-Dichloroethane-d4
Concen: 55.64 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004650.D
Acq: 27 Apr 2021 14:24

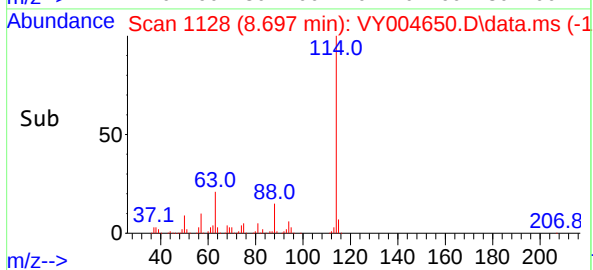
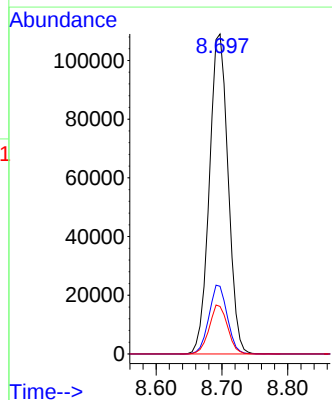
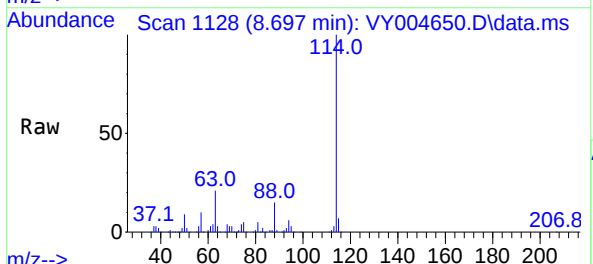
Instrument :
MSVOA_Y
ClientSampled :
S-1

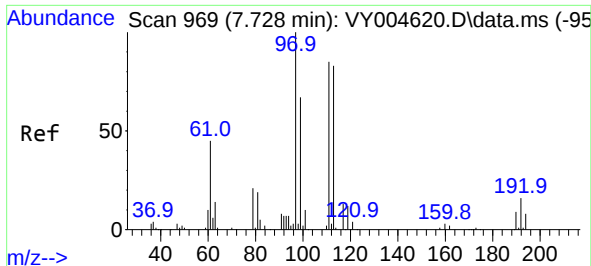
Tgt Ion: 65 Resp: 74309
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004650.D
Acq: 27 Apr 2021 14:24

Tgt Ion: 114 Resp: 216048
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.4
88 14.9 0.0 30.8

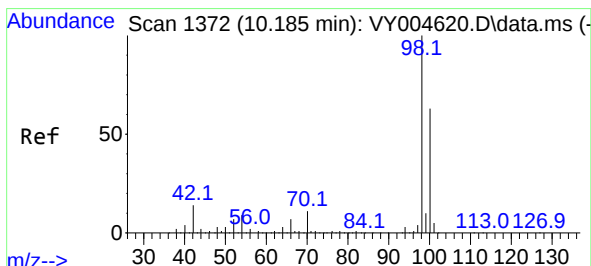
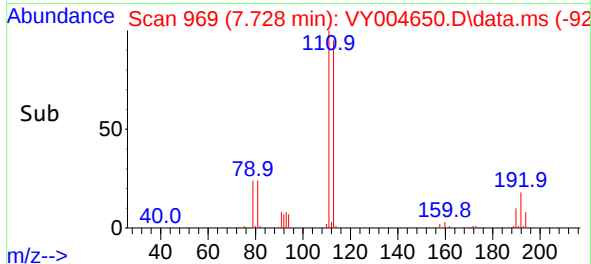
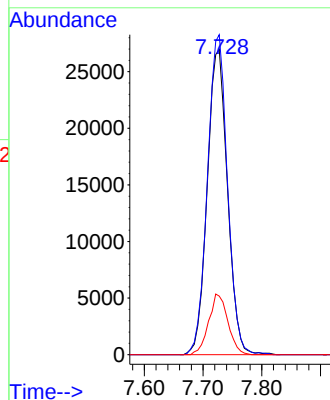
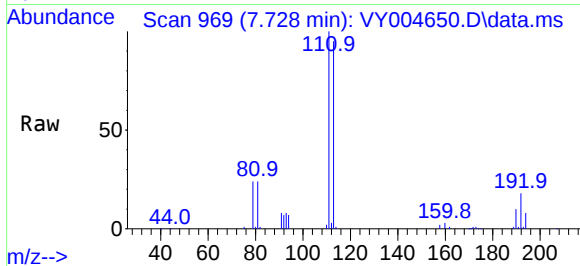




#35
Dibromofluoromethane
Concen: 53.92 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004650.D
Acq: 27 Apr 2021 14:24

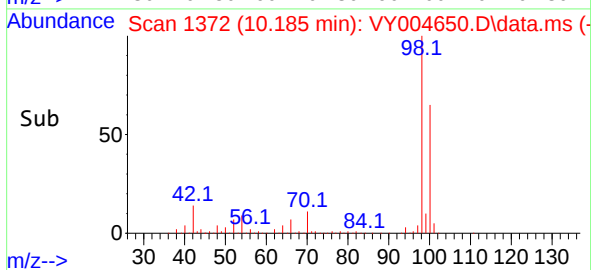
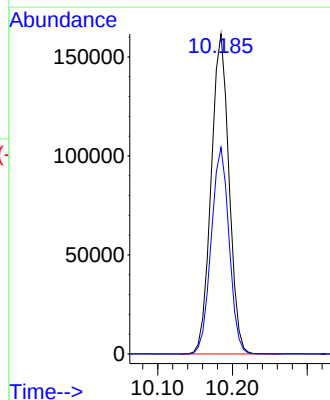
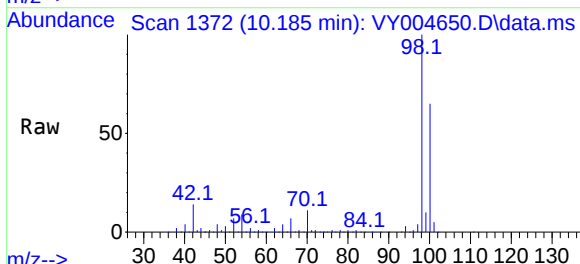
Instrument :
MSVOA_Y
ClientSampled :
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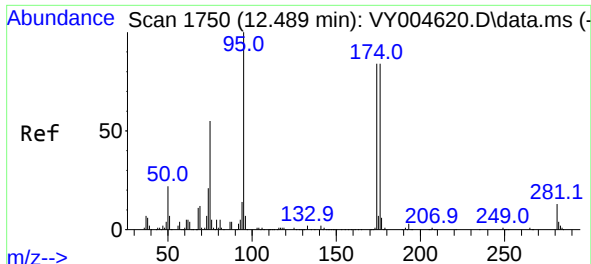
Tgt Ion:113 Resp: 64652
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 18.8 16.1 24.1



#50
Toluene-d8
Concen: 52.55 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004650.D
Acq: 27 Apr 2021 14:24

Tgt Ion: 98 Resp: 268010
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

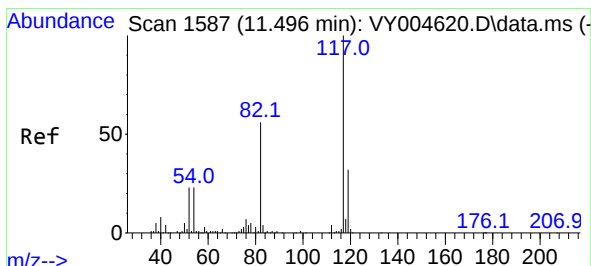
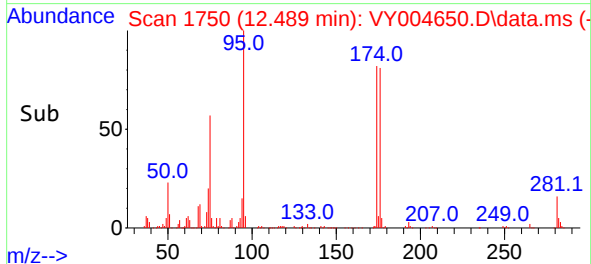
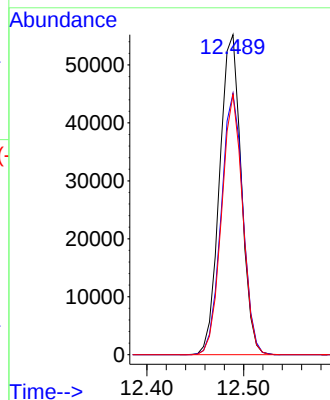
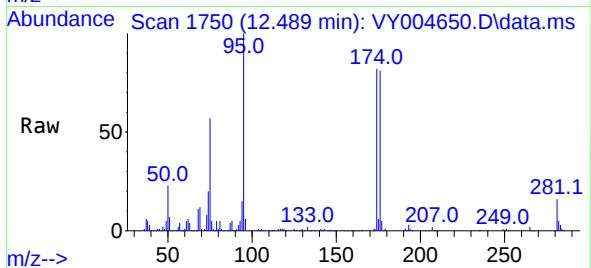




#62
4-Bromofluorobenzene
Concen: 49.49 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004650.D
Acq: 27 Apr 2021 14:24

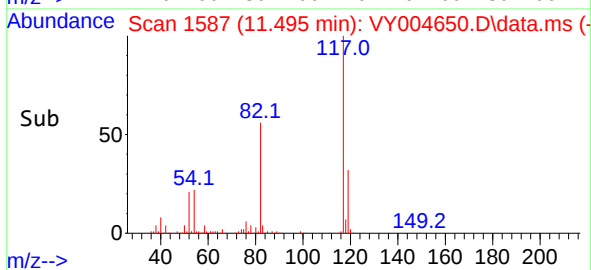
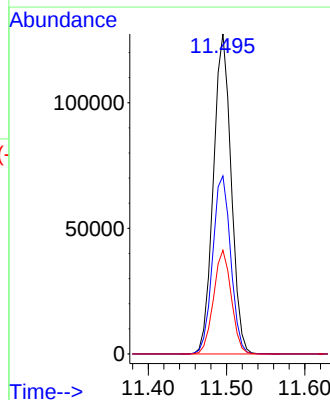
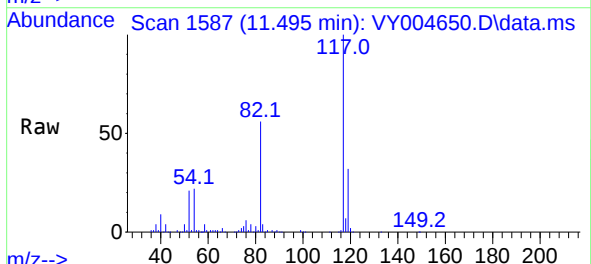
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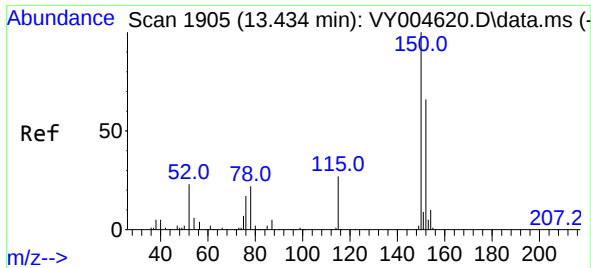
Tgt Ion:	95	Resp:	85649
Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	162.4
176	78.9	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004650.D
Acq: 27 Apr 2021 14:24

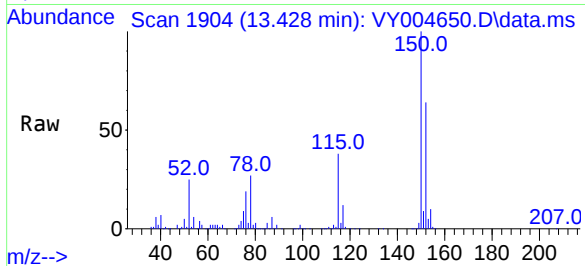
Tgt Ion:	117	Resp:	200908
Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.9	67.3
119	32.4	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004650.D
 Acq: 27 Apr 2021 14:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-1



Tgt Ion:152 Resp: 85845

Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.6	88.8
150	157.1	0.0	348.4

