

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004451.D
 Acq On : 15 Apr 2021 19:14
 Operator : SY/MD
 Sample : M2048-15
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-14.5-15.0

Quant Time: Apr 16 05:06:38 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)

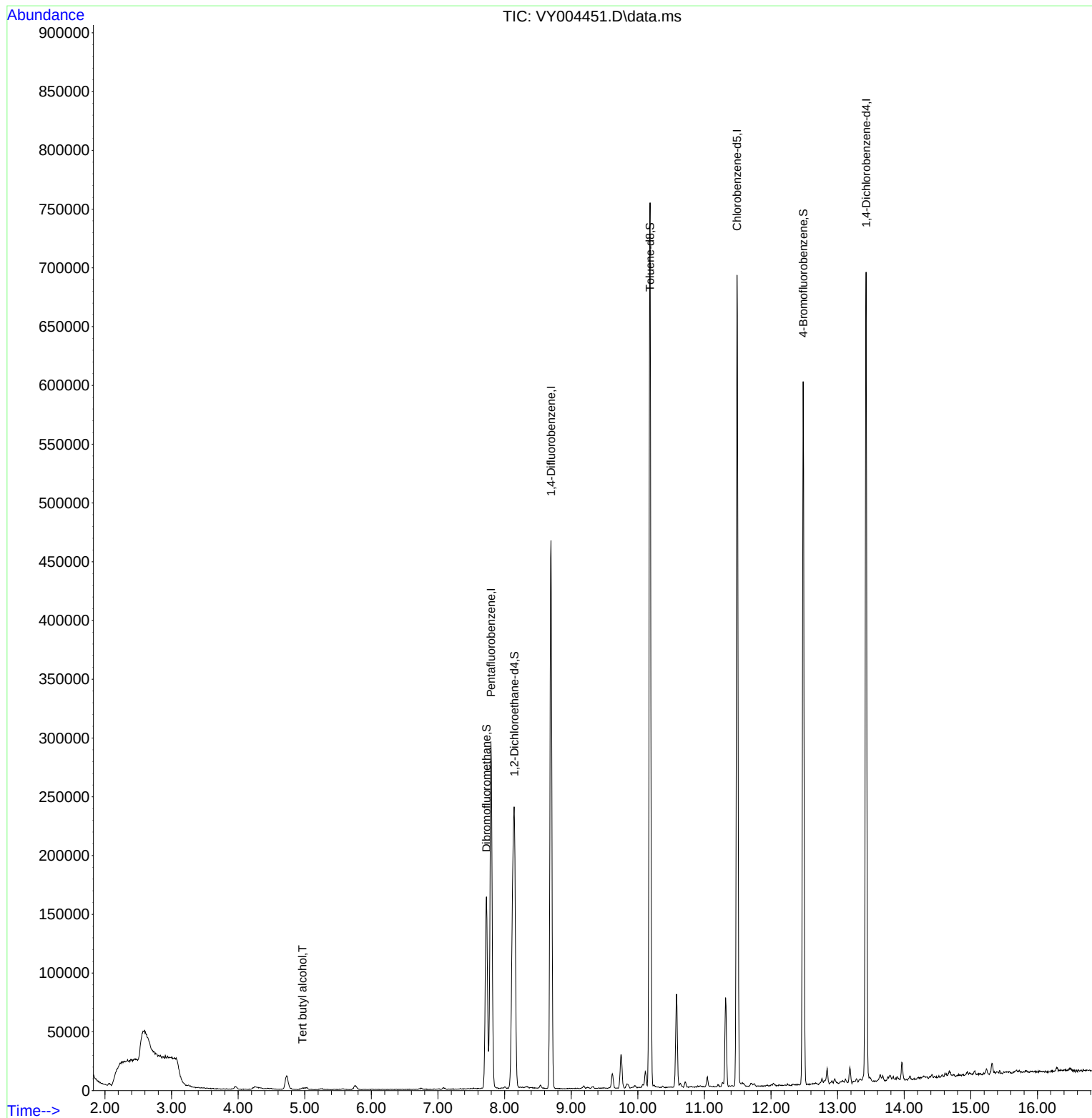
Internal Standards						
1) Pentafluorobenzene	7.795	168	221676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	386439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	360516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	140763	57.15	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.30%
35) Dibromofluoromethane	7.728	113	113973	53.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.30%
50) Toluene-d8	10.185	98	469883	51.51	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.02%
62) 4-Bromofluorobenzene	12.483	95	166992	53.95	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.90%
Target Compounds						
11) Tert butyl alcohol	4.966	59	2831	11.66	ug/l	Qvalue # 85

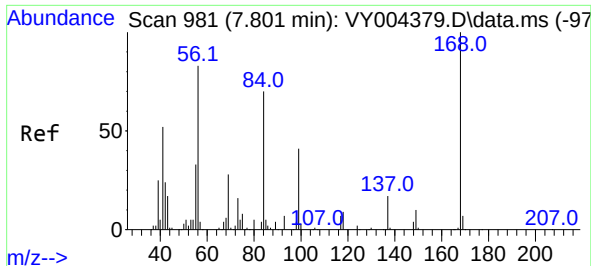
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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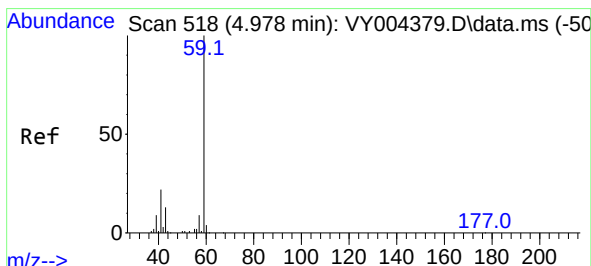
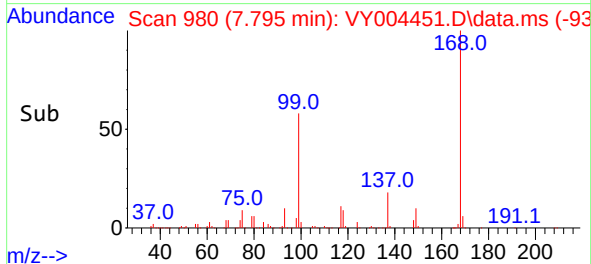
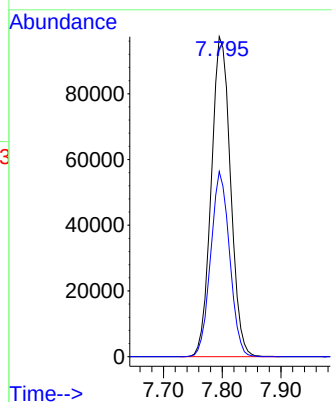
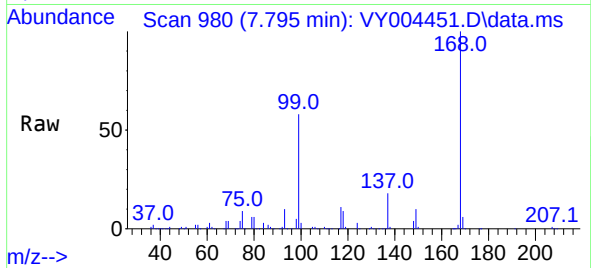




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

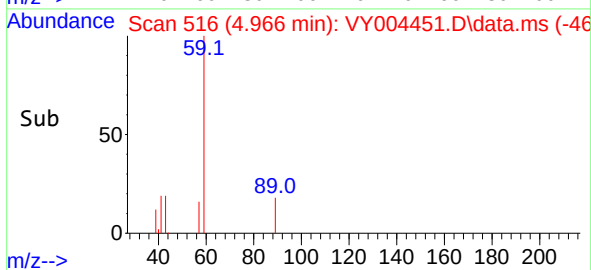
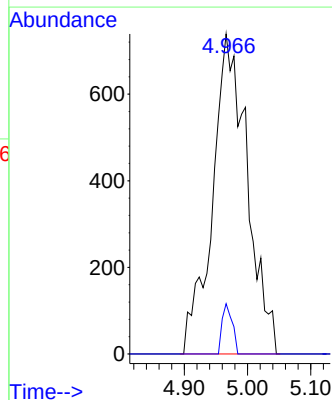
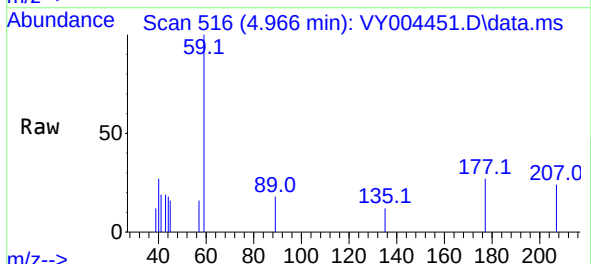
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-14.5-15.0

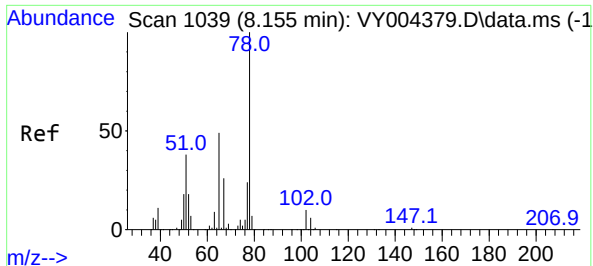
Tgt Ion:168 Resp: 221676
Ion Ratio Lower Upper
168 100
99 57.9 45.5 68.3



#11
Tert butyl alcohol
Concen: 11.66 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

Tgt Ion: 59 Resp: 2831
Ion Ratio Lower Upper
59 100
57 4.5 8.1 12.1#

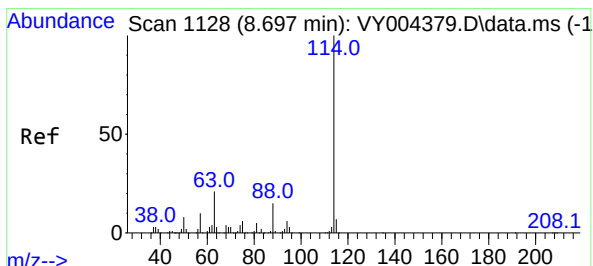
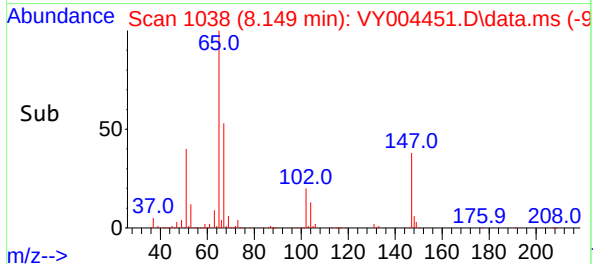
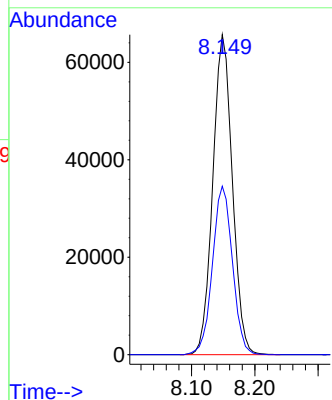
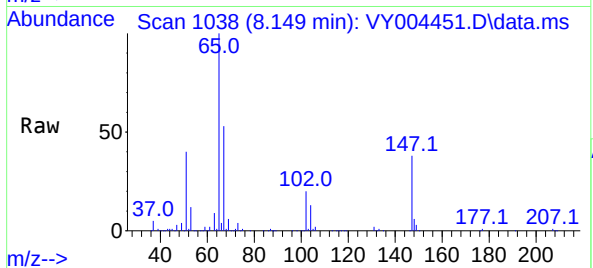




#33
1,2-Dichloroethane-d4
Concen: 57.15 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

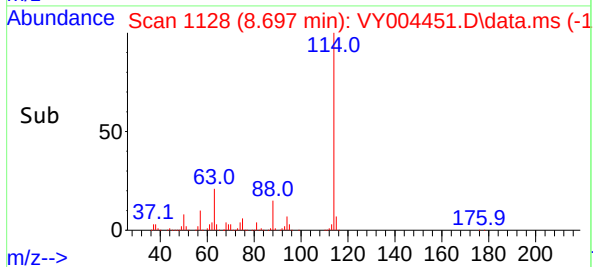
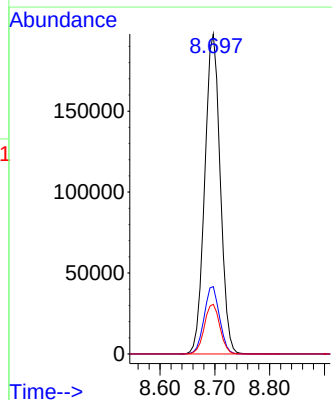
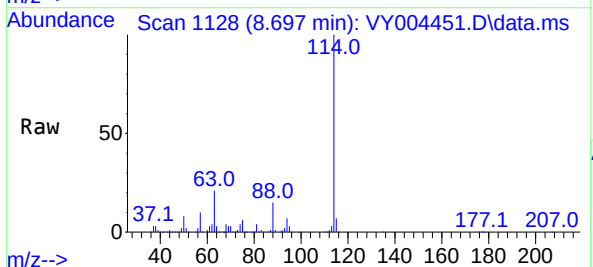
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-14.5-15.0

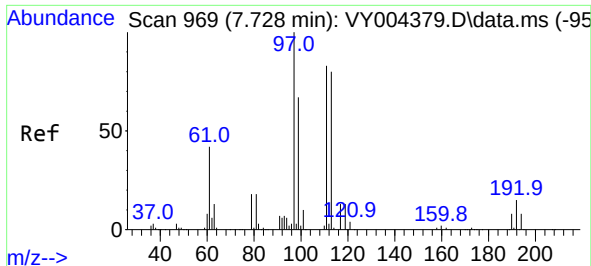
Tgt Ion: 65 Resp: 140763
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

Tgt Ion:114 Resp: 386439
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 15.5 0.0 30.8



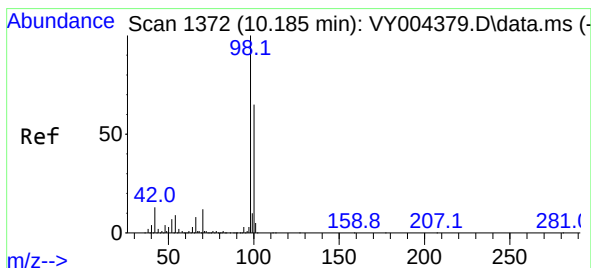
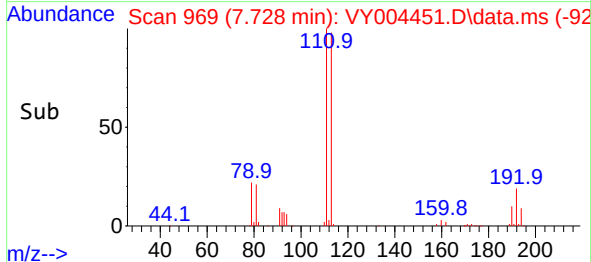
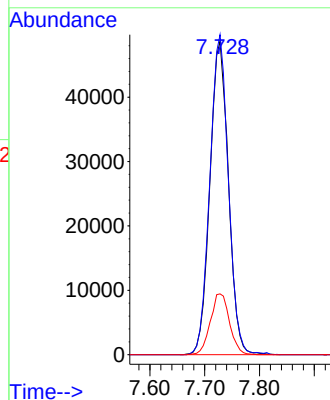
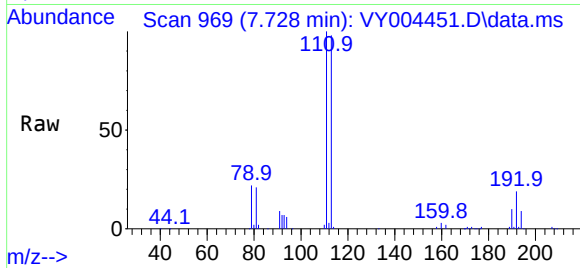


#35
Dibromofluoromethane
Concen: 53.15 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-14.5-15.0

Tgt Ion:113 Resp: 113973

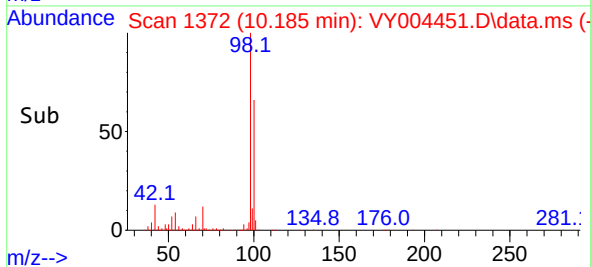
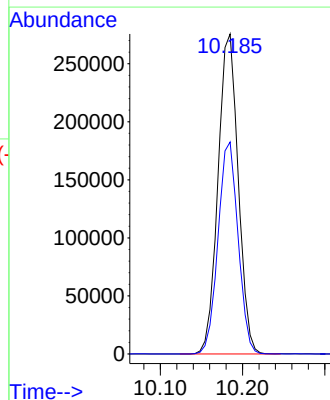
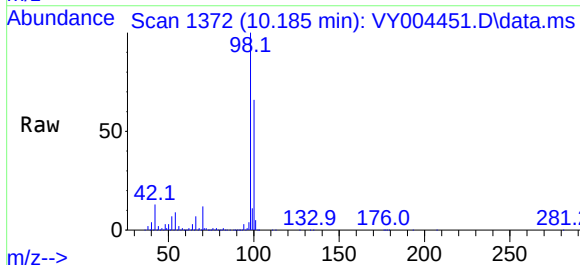
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	20.1	16.1	24.1

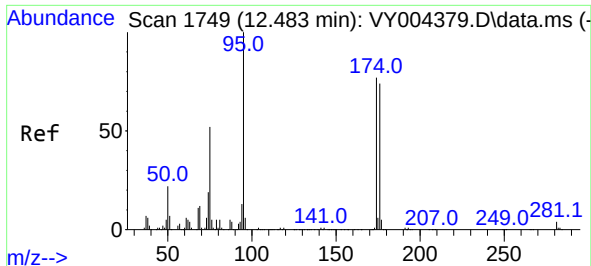


#50
Toluene-d8
Concen: 51.51 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

Tgt Ion: 98 Resp: 469883

Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.8	77.6



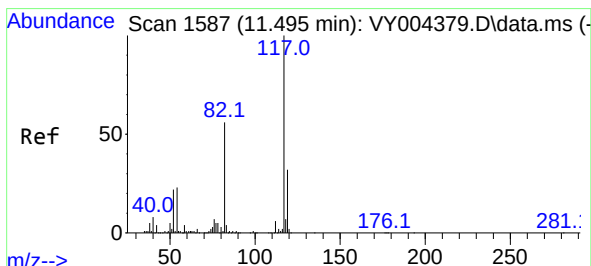
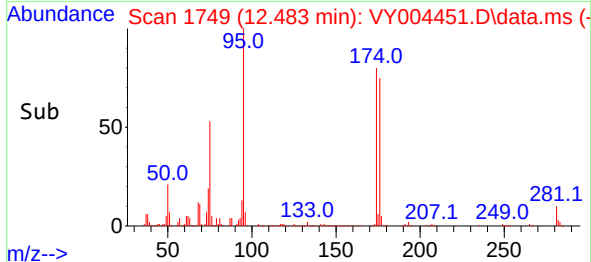
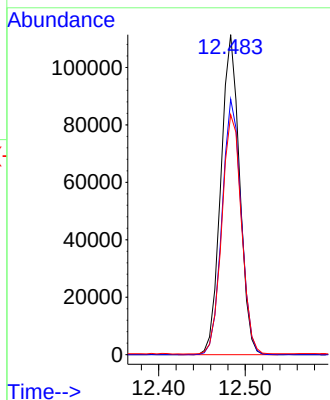
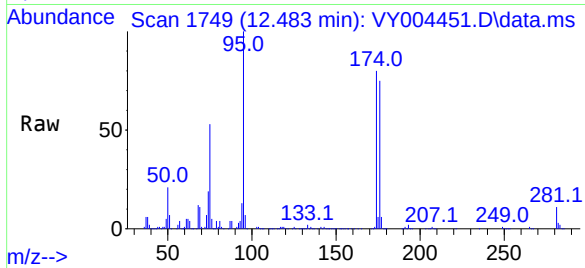


#62
4-Bromofluorobenzene
Concen: 53.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-14.5-15.0

Tgt Ion: 95 Resp: 166992

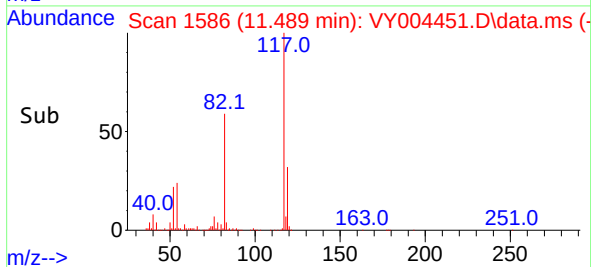
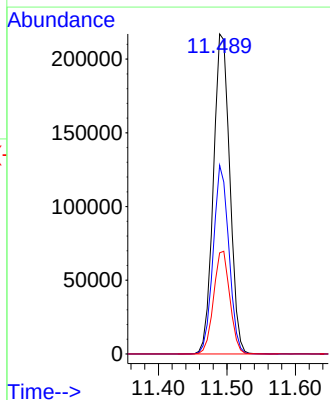
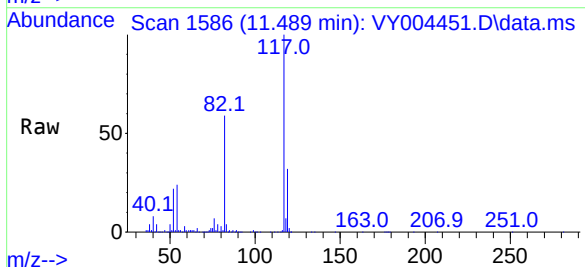
Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	162.4
176	78.2	0.0	156.0

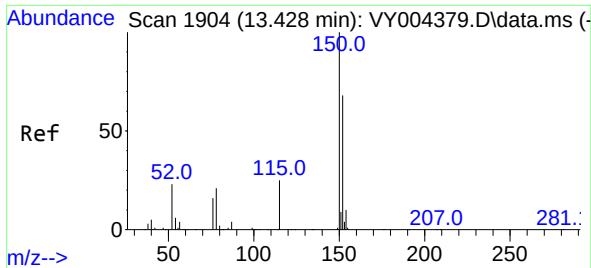


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004451.D
Acq: 15 Apr 2021 19:14

Tgt Ion: 117 Resp: 360516

Ion	Ratio	Lower	Upper
117	100		
82	58.9	44.9	67.3
119	31.6	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: VY004451.D
 Acq: 15 Apr 2021 19:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-14.5-15.0

Tgt Ion:152 Resp: 168485

Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.6	88.8
150	155.9	0.0	348.4

