

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004453.D
 Acq On : 15 Apr 2021 20:00
 Operator : SY/MD
 Sample : M2048-18
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-8.5-9.0

Quant Time: Apr 16 05:07:02 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)

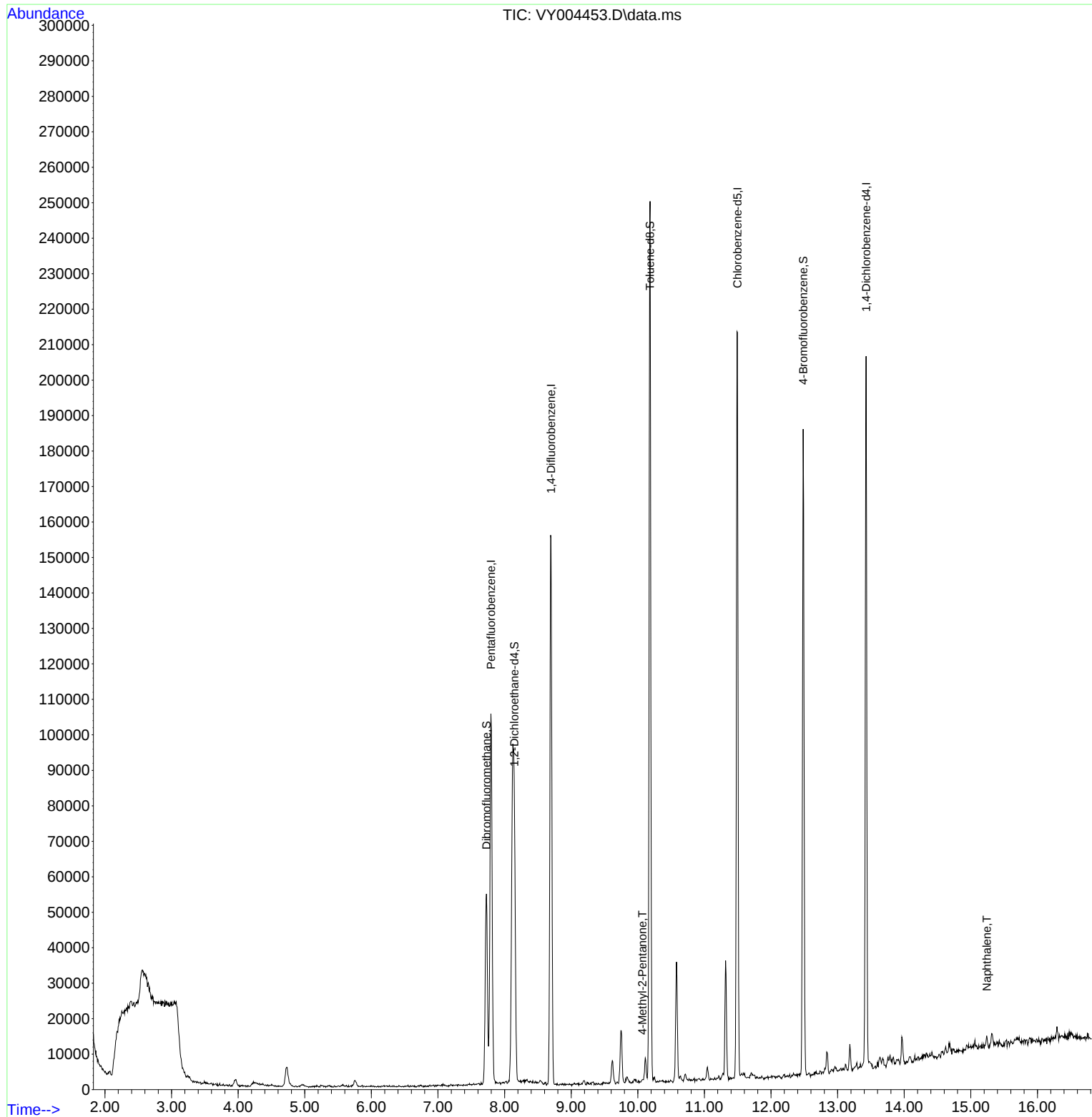
Internal Standards						
1) Pentafluorobenzene	7.795	168	80440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	130143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	111131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	41301	46.21	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.42%			
35) Dibromofluoromethane	7.728	113	37392	51.77	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.54%			
50) Toluene-d8	10.185	98	157353	51.22	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.44%			
62) 4-Bromofluorobenzene	12.483	95	48039	46.08	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.16%			
Target Compounds						
51) 4-Methyl-2-Pentanone	10.069	43	817	1.01	ug/l	96
95) Naphthalene	15.239	128	2350	1.21	ug/l #	92

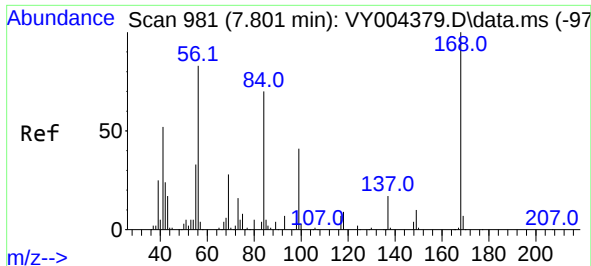
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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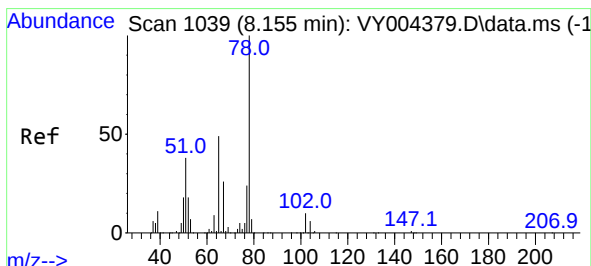
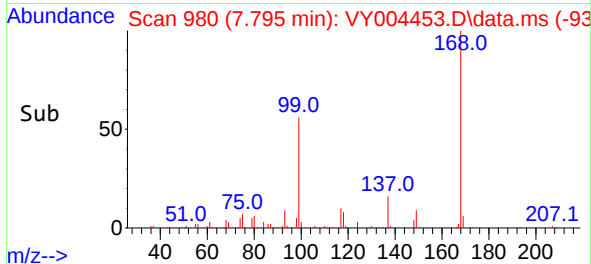
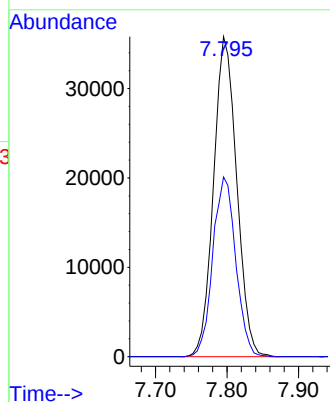
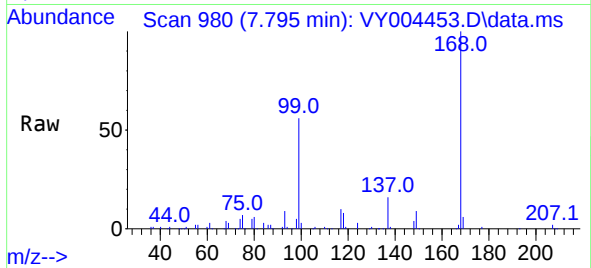




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004453.D
Acq: 15 Apr 2021 20:00

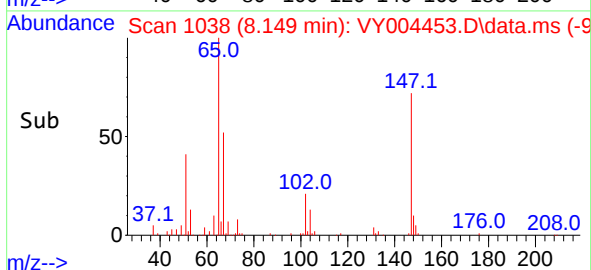
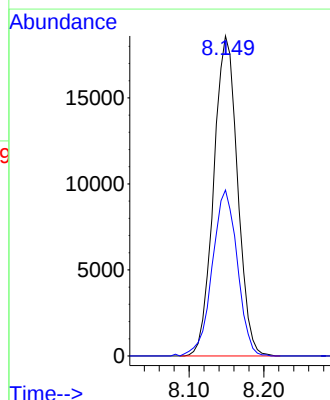
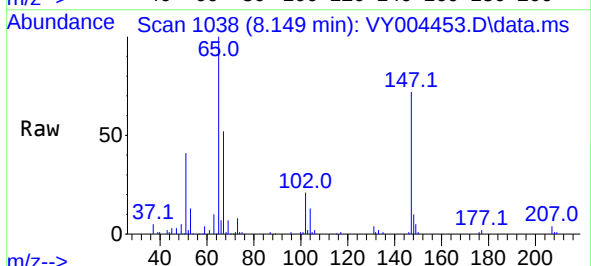
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-8.5-9.0

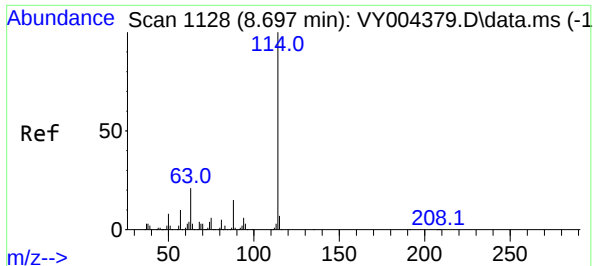
Tgt Ion:168 Resp: 80440
Ion Ratio Lower Upper
168 100
99 56.1 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 46.21 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004453.D
Acq: 15 Apr 2021 20:00

Tgt Ion: 65 Resp: 41301
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.4

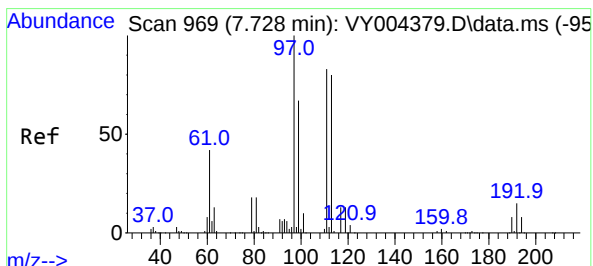
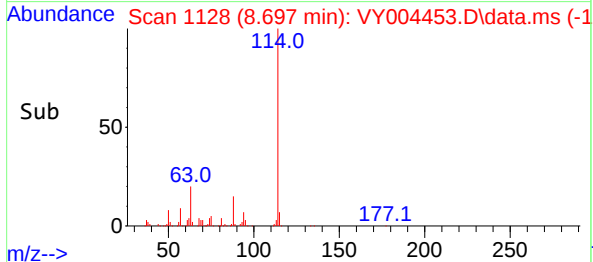
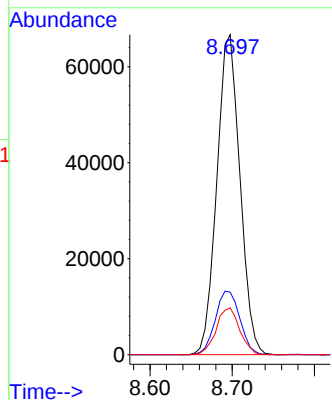
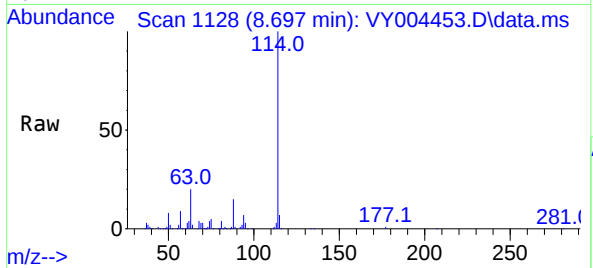




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004453.D
Acq: 15 Apr 2021 20:00

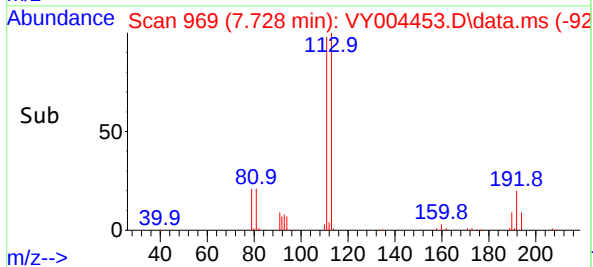
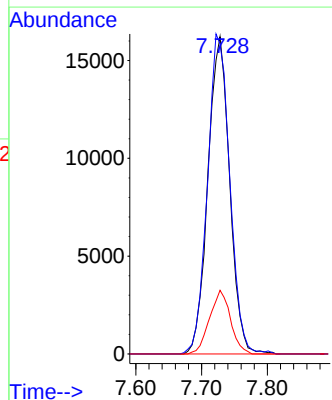
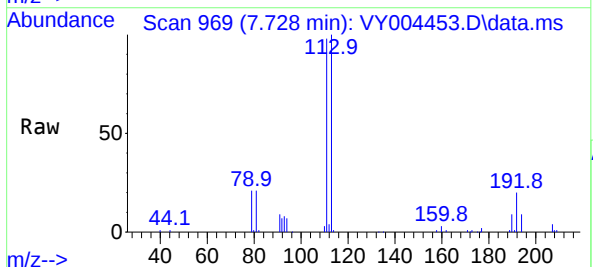
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-8.5-9.0

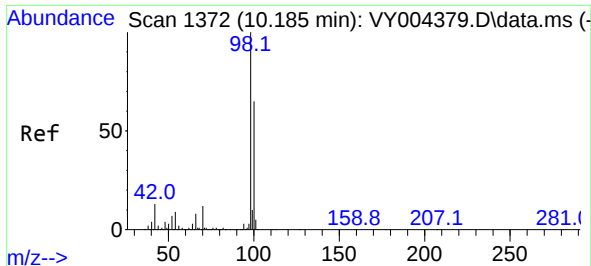
Tgt Ion:	114	Resp:	130143
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.4
88	14.7	0.0	30.8



#35
Dibromofluoromethane
Concen: 51.77 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004453.D
Acq: 15 Apr 2021 20:00

Tgt Ion:	113	Resp:	37392
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	19.3	16.1	24.1

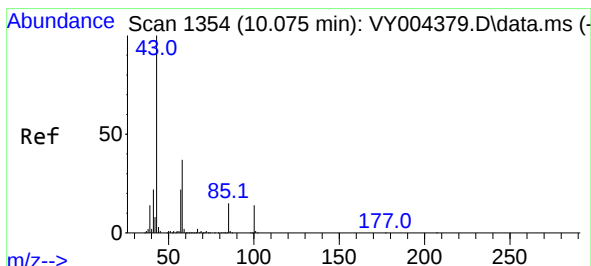
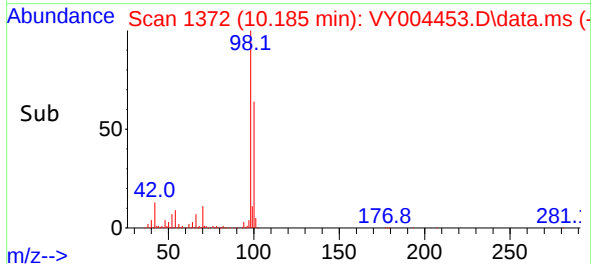
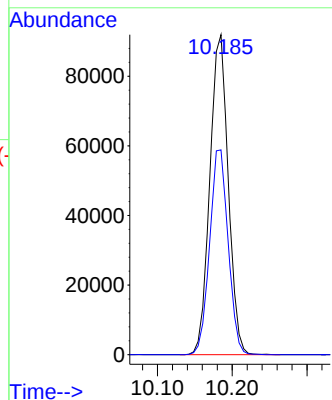
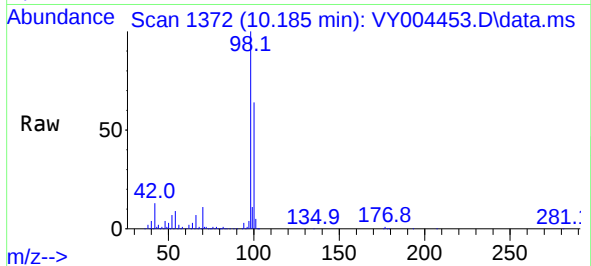




#50
Toluene-d8
Concen: 51.22 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004453.D
Acq: 15 Apr 2021 20:00

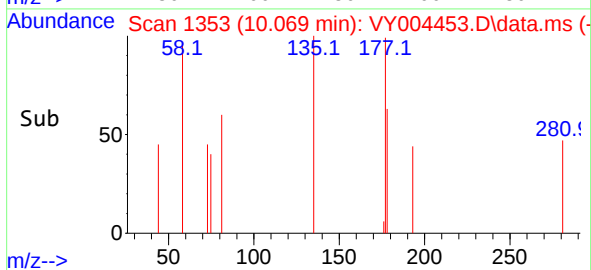
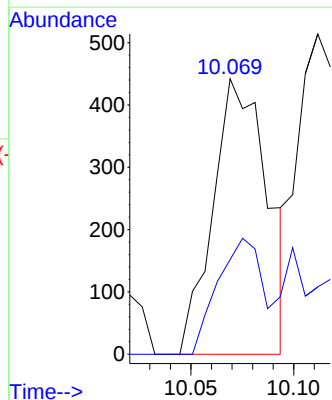
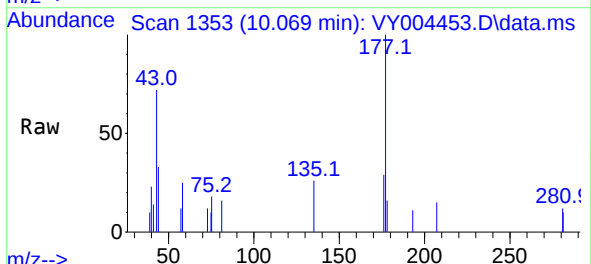
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-8.5-9.0

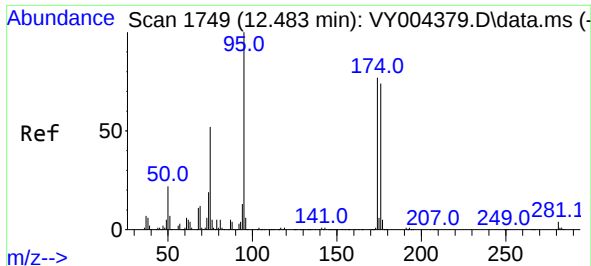
Tgt Ion: 98 Resp: 157353
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.01 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY004453.D
Acq: 15 Apr 2021 20:00

Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 34.0 29.2 43.8

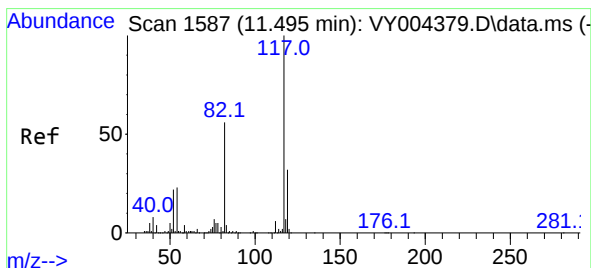
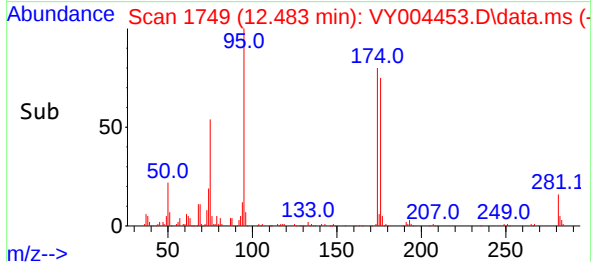
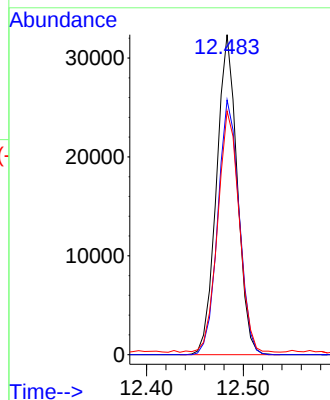
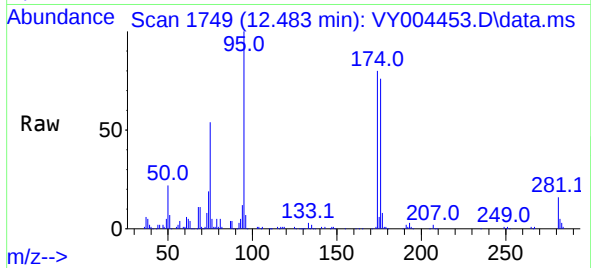




#62
4-Bromofluorobenzene
Concen: 46.08 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004453.D
Acq: 15 Apr 2021 20:00

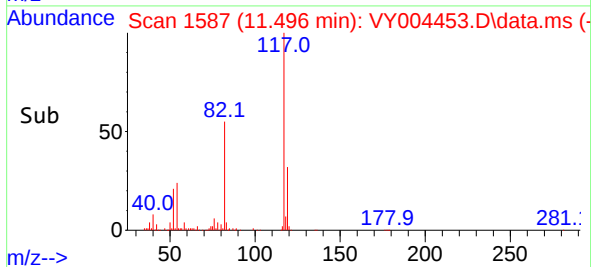
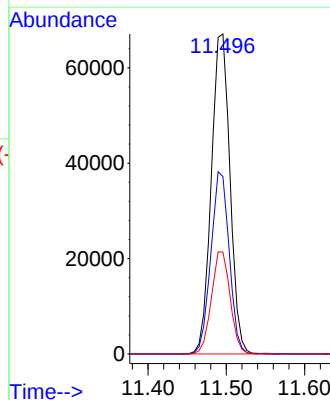
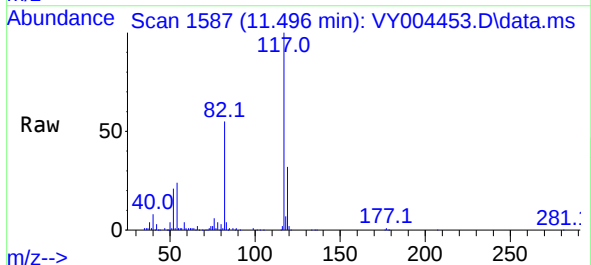
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-8.5-9.0

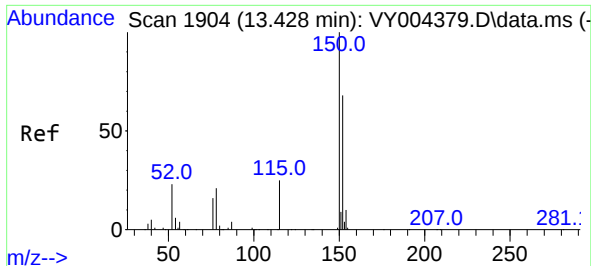
Tgt Ion:	95	Resp:	48039
Ion Ratio	Lower	Upper	
95	100		
174	81.7	0.0	162.4
176	78.1	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004453.D
Acq: 15 Apr 2021 20:00

Tgt Ion:	117	Resp:	111131
Ion Ratio	Lower	Upper	
117	100		
82	55.4	44.9	67.3
119	31.9	25.4	38.0

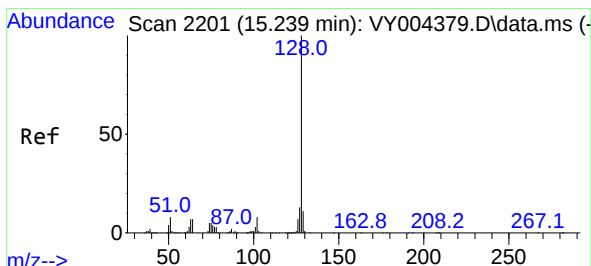
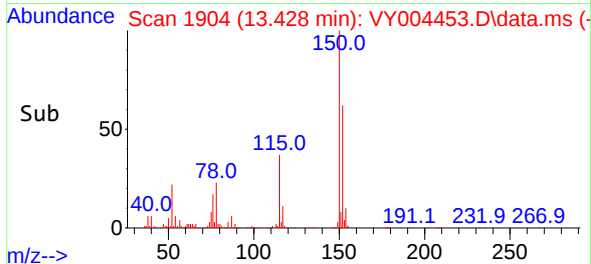
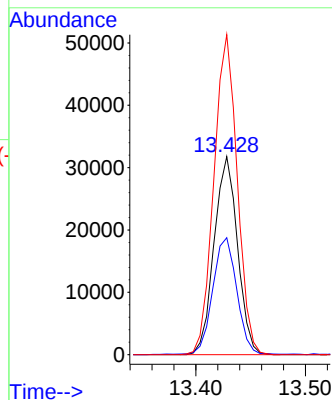
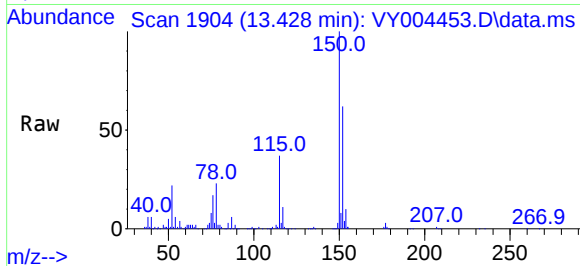




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004453.D
Acq: 15 Apr 2021 20:00

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-8.5-9.0

Tgt Ion:152 Resp: 47203
Ion Ratio Lower Upper
152 100
115 61.4 29.6 88.8
150 161.0 0.0 348.4



#95
Naphthalene
Concen: 1.21 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004453.D
Acq: 15 Apr 2021 20:00

Tgt Ion:128 Resp: 2350
Ion Ratio Lower Upper
128 100
127 17.3 10.2 15.2#
129 12.3 8.8 13.2

