

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041221\
 Data File : VY004387.D
 Acq On : 12 Apr 2021 16:26
 Operator : SY/MD
 Sample : M1998-06
 Misc : 3.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4B

Quant Time: Apr 13 03:55:32 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)

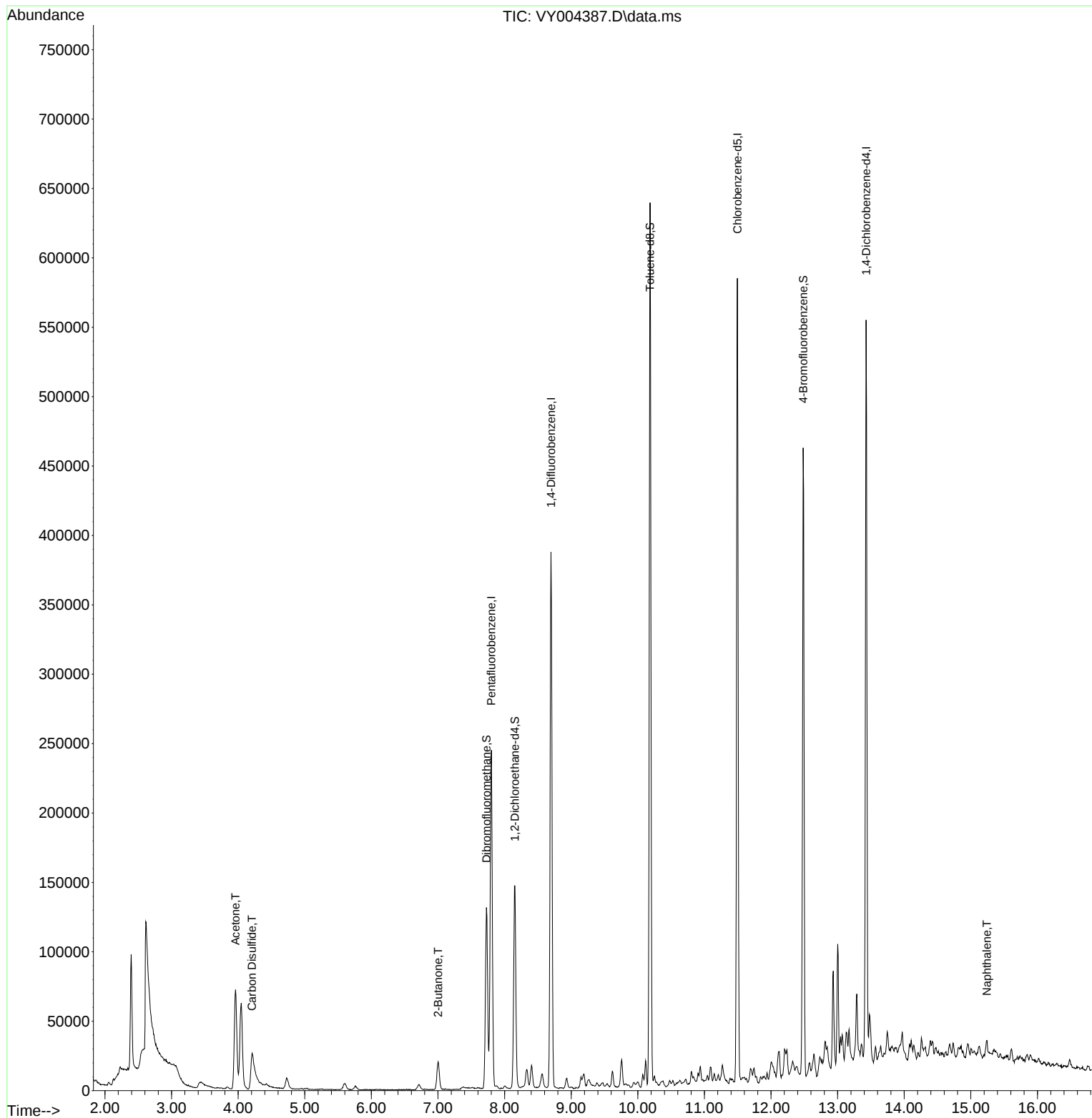
Internal Standards						
1) Pentafluorobenzene	7.801	168	184595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	320568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	295685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	114469	55.81	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.62%	
35) Dibromofluoromethane	7.728	113	89486	50.30	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.60%	
50) Toluene-d8	10.185	98	393953	52.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.12%	
62) 4-Bromofluorobenzene	12.483	95	133122	51.84	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.68%	
Target Compounds						
						Qvalue
16) Acetone	3.960	43	125536	291.58	ug/l	99
17) Carbon Disulfide	4.204	76	43037	7.80	ug/l	99
25) 2-Butanone	7.002	43	34453	44.10	ug/l	94
95) Naphthalene	15.239	128	9187	1.71	ug/l #	93

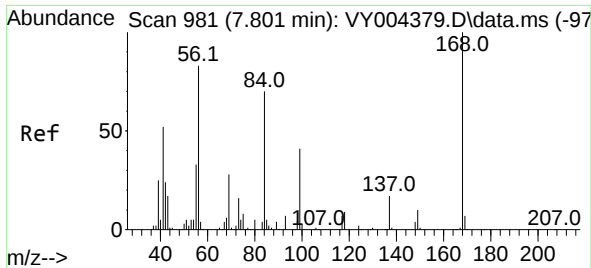
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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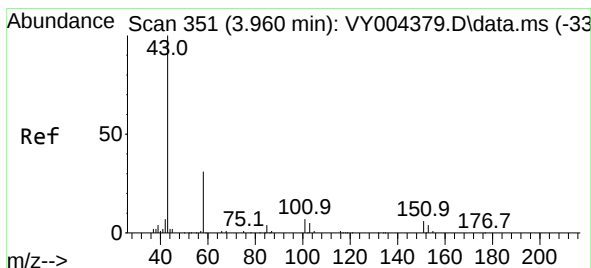
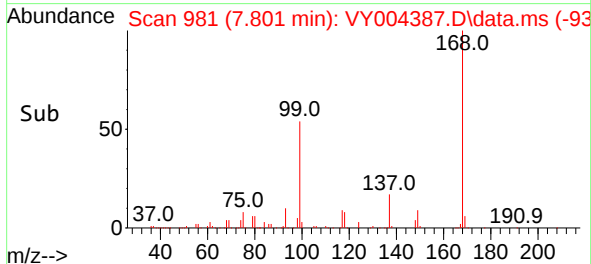
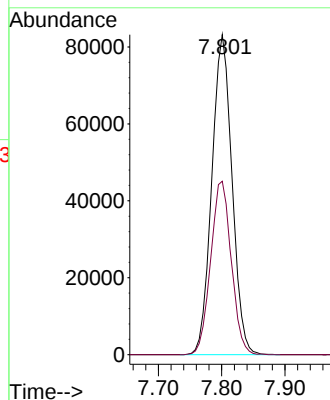
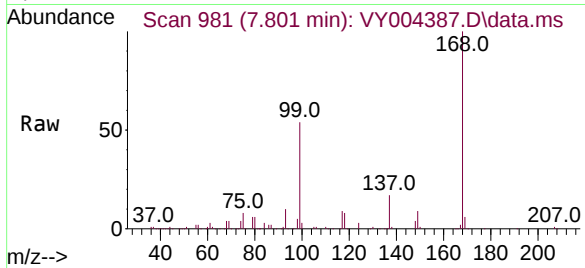




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004387.D
Acq: 12 Apr 2021 16:26

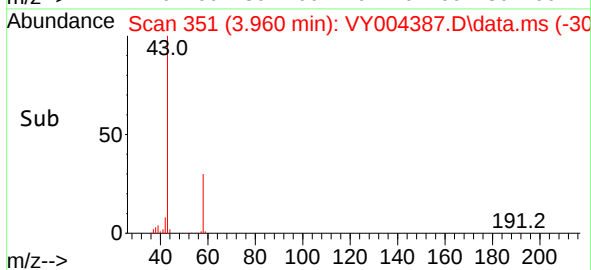
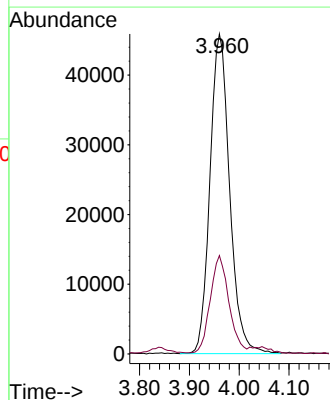
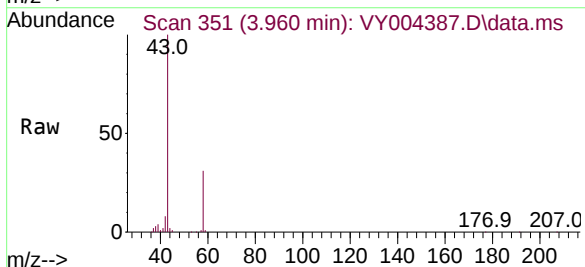
Instrument :
MSVOA_Y
ClientSampleId :
SB-4B

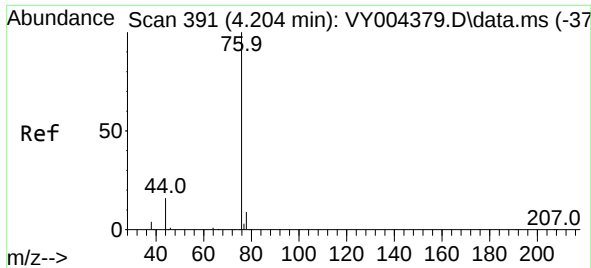
Tgt Ion:168 Resp: 184595
Ion Ratio Lower Upper
168 100
99 54.2 45.5 68.3



#16
Acetone
Concen: 291.58 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004387.D
Acq: 12 Apr 2021 16:26

Tgt Ion: 43 Resp: 125536
Ion Ratio Lower Upper
43 100
58 30.2 24.6 37.0

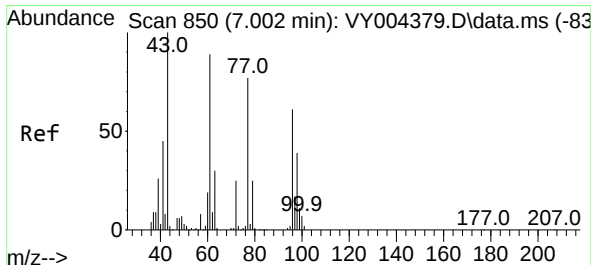
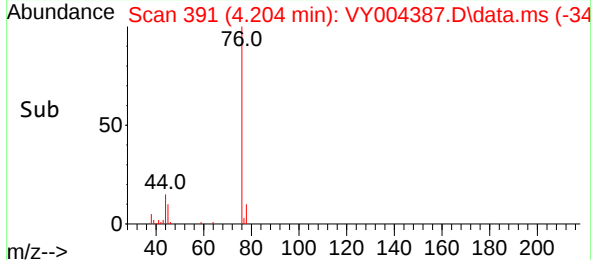
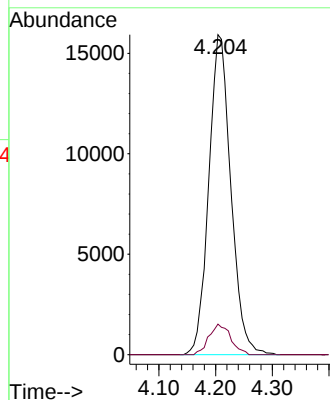
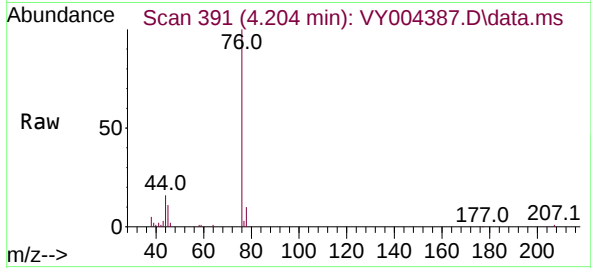




#17
Carbon Disulfide
Concen: 7.80 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY004387.D
Acq: 12 Apr 2021 16:26

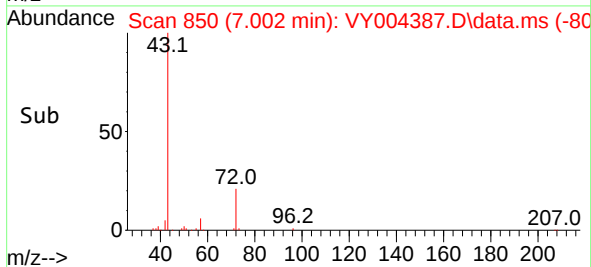
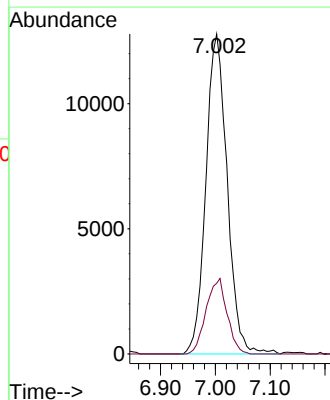
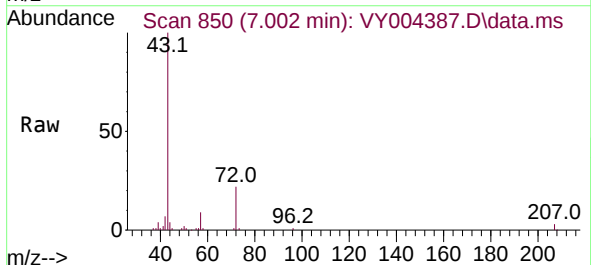
Instrument :
MSVOA_Y
ClientSampled :
SB-4B

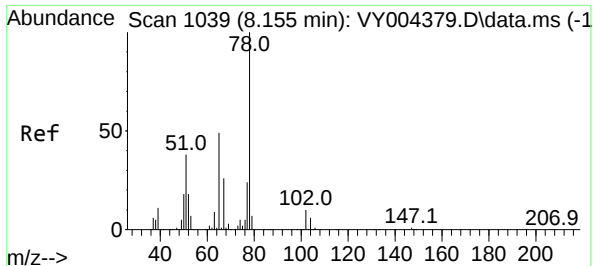
Tgt Ion: 76 Resp: 43037
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#25
2-Butanone
Concen: 44.10 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004387.D
Acq: 12 Apr 2021 16:26

Tgt Ion: 43 Resp: 34453
Ion Ratio Lower Upper
43 100
72 22.1 20.2 30.2

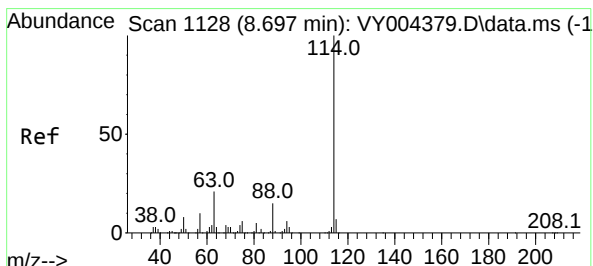
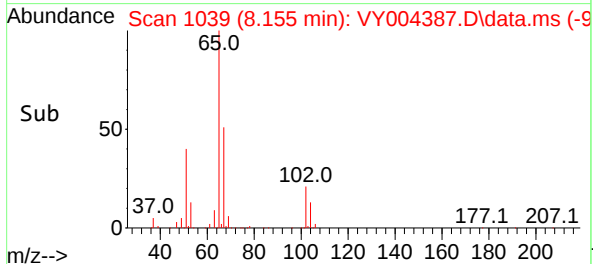
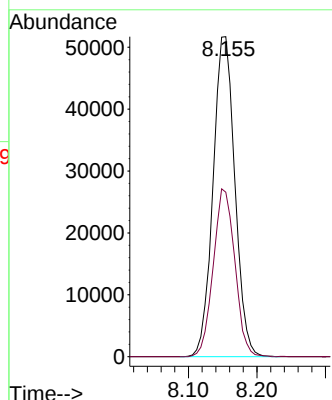
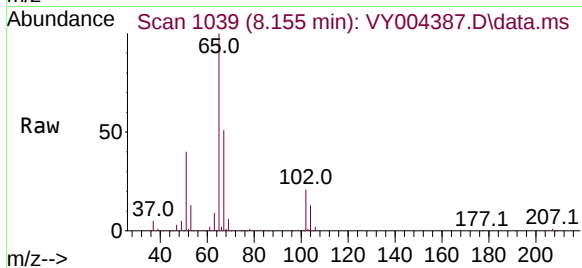




#33
 1,2-Dichloroethane-d4
 Concen: 55.81 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY004387.D
 Acq: 12 Apr 2021 16:26

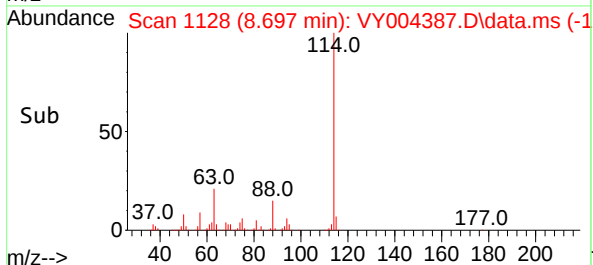
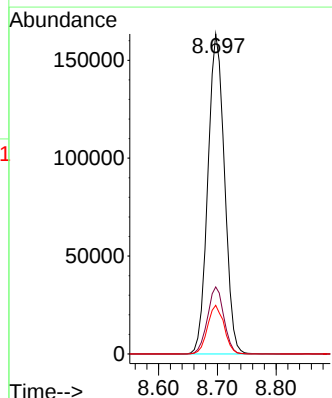
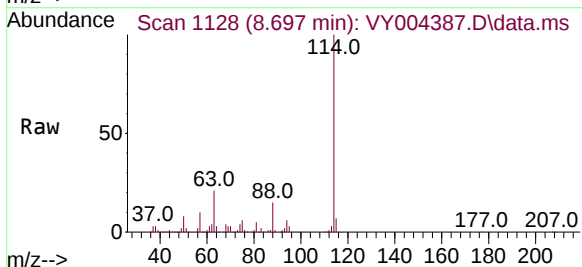
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-4B

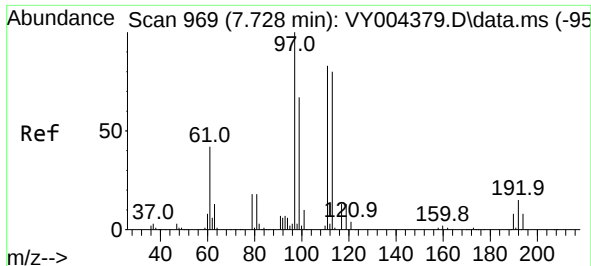
Tgt Ion: 65 Resp: 114469
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004387.D
 Acq: 12 Apr 2021 16:26

Tgt Ion: 114 Resp: 320568
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.4
 88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.30 ug/l

RT: 7.728 min Scan# 969

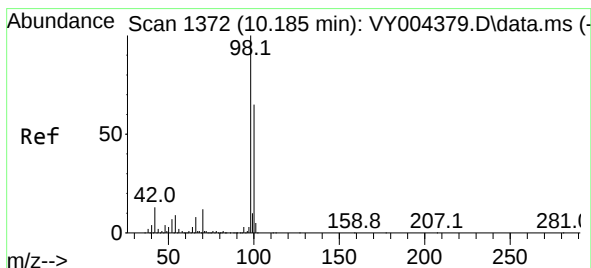
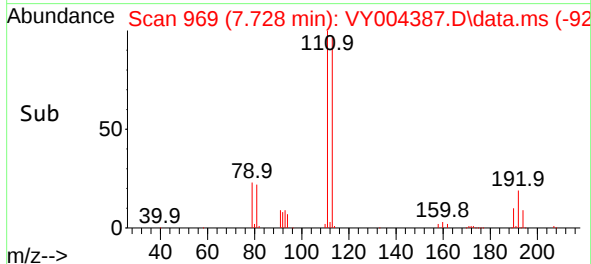
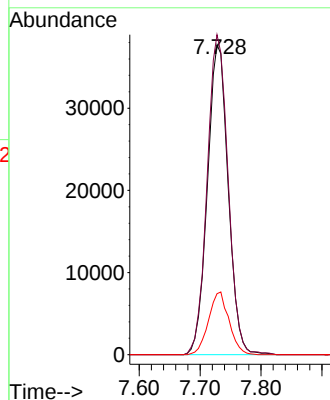
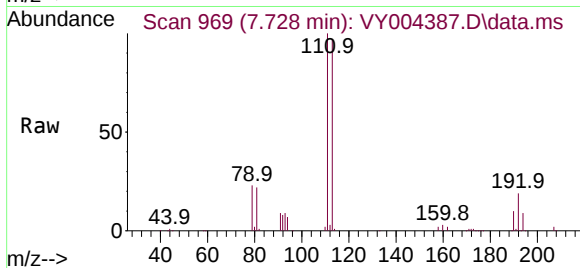
Delta R.T. 0.000 min

Lab File: VY004387.D

Acq: 12 Apr 2021 16:26

Tgt Ion:	113	Resp:	89486
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.6	123.8
192	19.9	16.1	24.1

Instrument :
MSVOA_Y
ClientSampleId :
SB-4B



#50

Toluene-d8

Concen: 52.06 ug/l

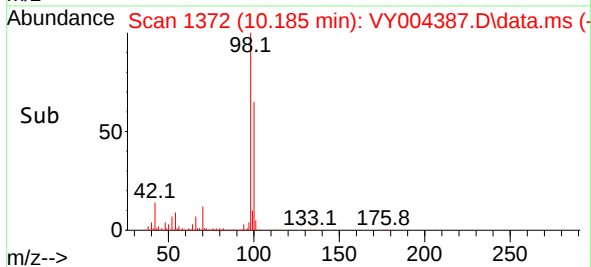
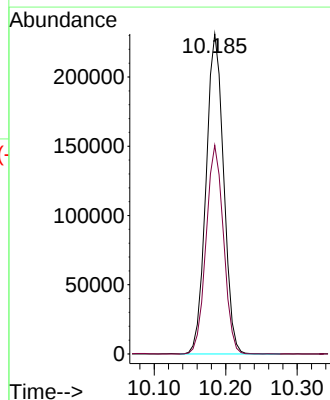
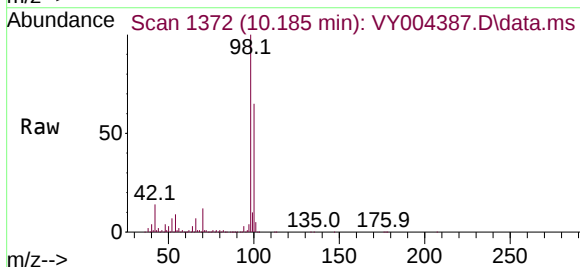
RT: 10.185 min Scan# 1372

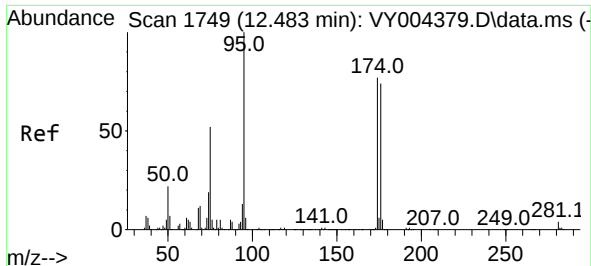
Delta R.T. 0.000 min

Lab File: VY004387.D

Acq: 12 Apr 2021 16:26

Tgt Ion:	98	Resp:	393953
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.8	77.6

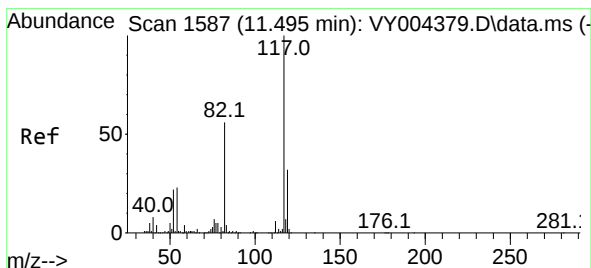
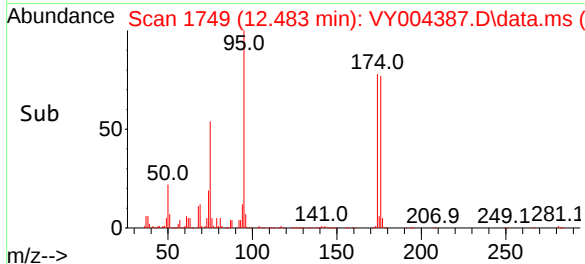
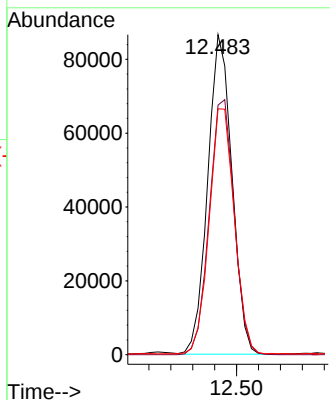
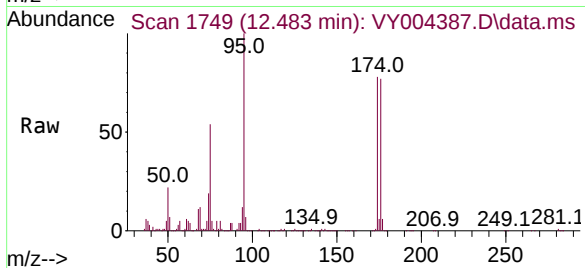




#62
4-Bromofluorobenzene
Concen: 51.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004387.D
Acq: 12 Apr 2021 16:26

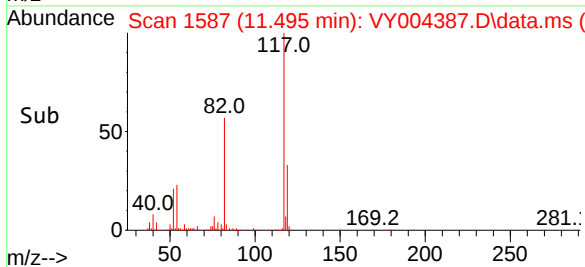
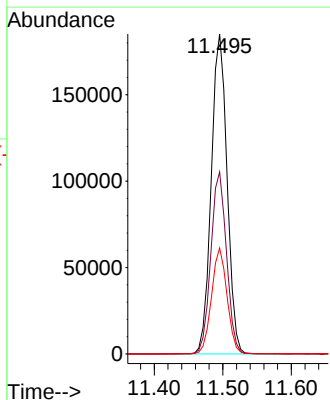
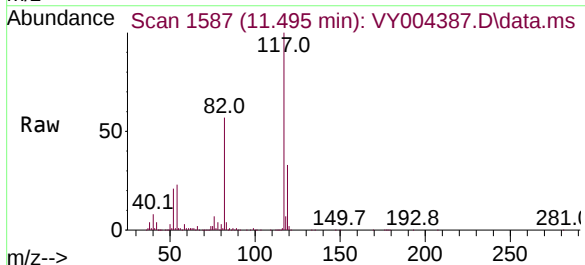
Instrument :
MSVOA_Y
ClientSampleId :
SB-4B

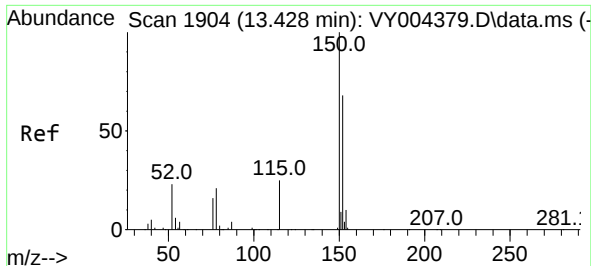
Tgt Ion: 95 Resp: 133122
Ion Ratio Lower Upper
95 100
174 82.2 0.0 162.4
176 79.6 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004387.D
Acq: 12 Apr 2021 16:26

Tgt Ion: 117 Resp: 295685
Ion Ratio Lower Upper
117 100
82 56.8 44.9 67.3
119 33.1 25.4 38.0

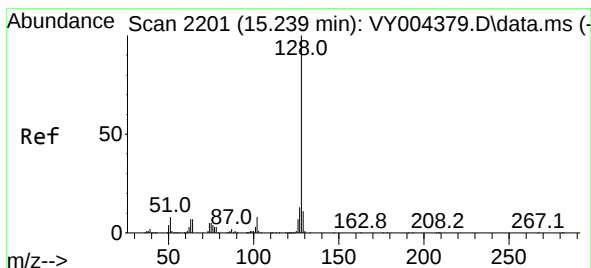
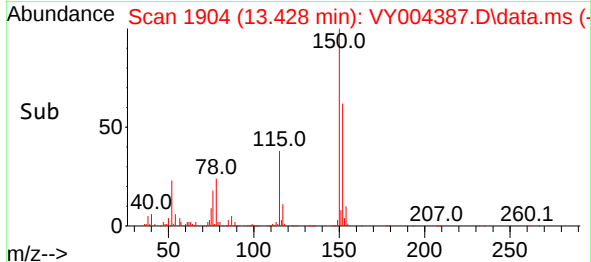
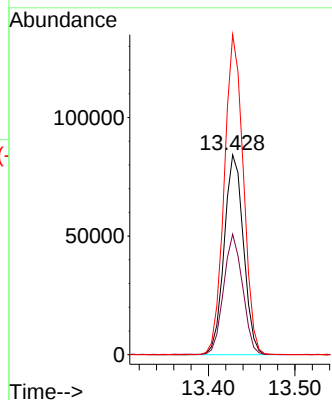
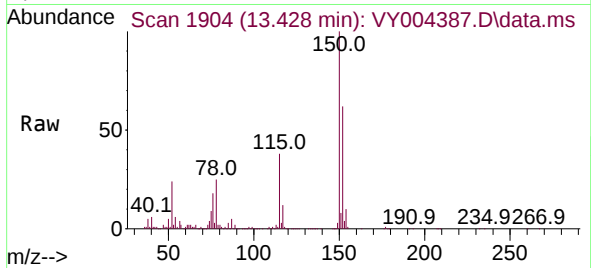




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004387.D
Acq: 12 Apr 2021 16:26

Instrument :
MSVOA_Y
ClientSampleId :
SB-4B

Tgt Ion:152 Resp: 130424
Ion Ratio Lower Upper
152 100
115 59.1 29.6 88.8
150 158.2 0.0 348.4



#95
Naphthalene
Concen: 1.71 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004387.D
Acq: 12 Apr 2021 16:26

Tgt Ion:128 Resp: 9187
Ion Ratio Lower Upper
128 100
127 15.8 10.2 15.2#
129 12.9 8.8 13.2

