

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072221\
 Data File : VY005413.D
 Acq On : 22 Jul 2021 15:49
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 23 06:25:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

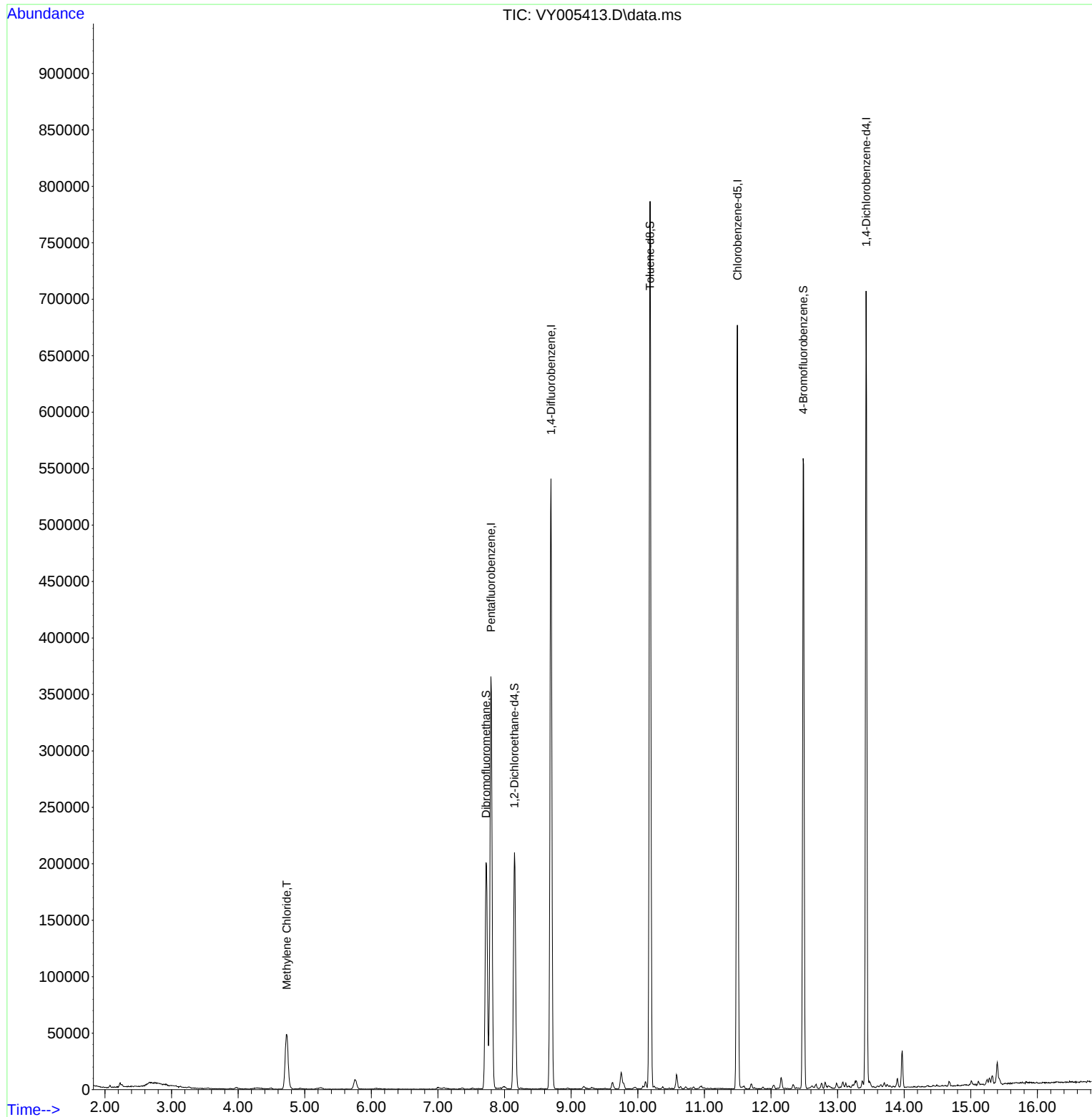
Internal Standards						
1) Pentafluorobenzene	7.795	168	295616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	450252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	359147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	181059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	173223	54.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.700%	
35) Dibromofluoromethane	7.722	113	137932	53.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.100%	
50) Toluene-d8	10.185	98	506379	45.955	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.920%	
62) 4-Bromofluorobenzene	12.483	95	157242	43.237	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.480%	
Target Compounds						Qvalue
20) Methylene Chloride	4.729	84	37920	8.096	ug/l	98

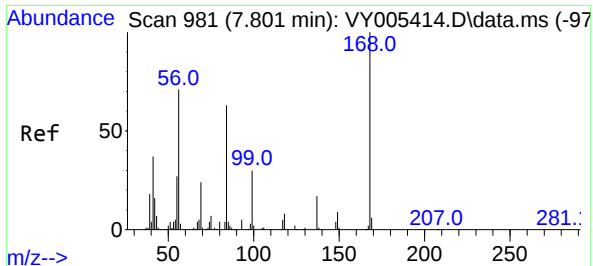
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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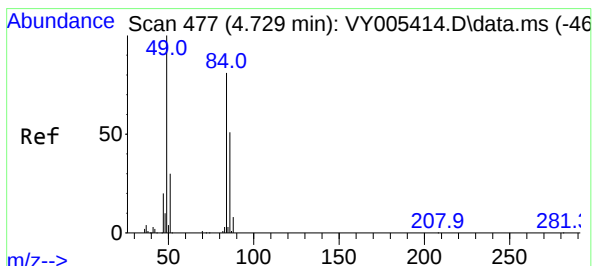
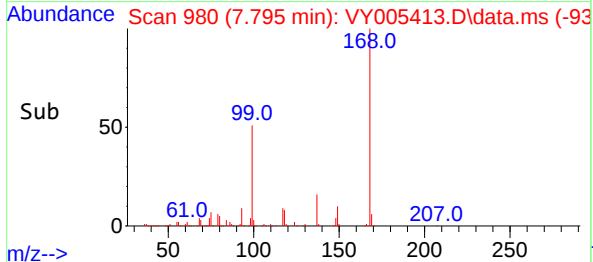
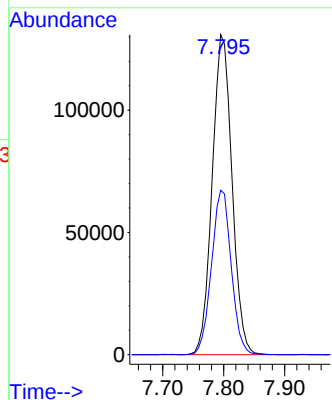
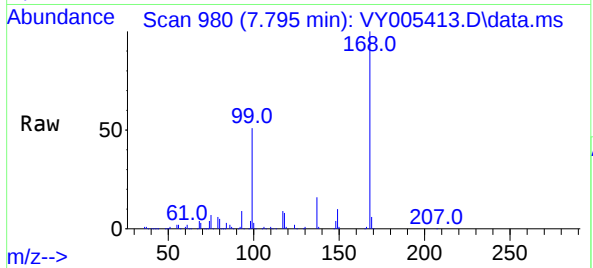




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005413.D
Acq: 22 Jul 2021 15:49

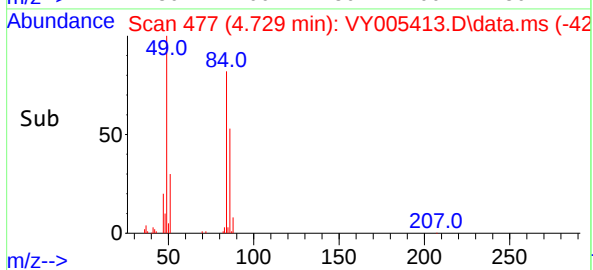
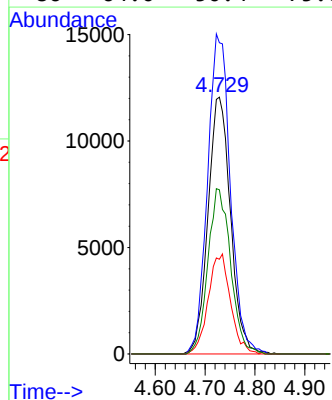
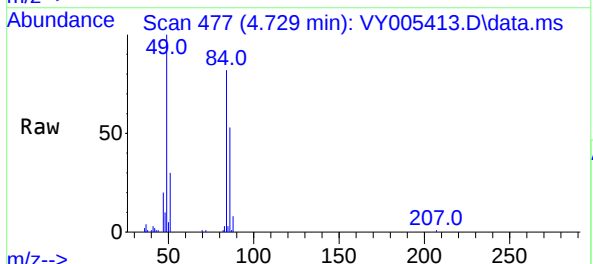
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

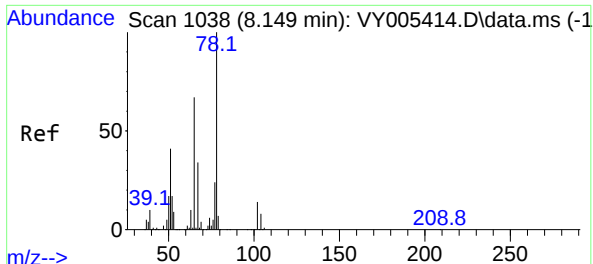
Tgt Ion:168 Resp: 295616
Ion Ratio Lower Upper
168 100
99 51.4 39.8 59.6



#20
Methylene Chloride
Concen: 8.096 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005413.D
Acq: 22 Jul 2021 15:49

Tgt Ion: 84 Resp: 37920
Ion Ratio Lower Upper
84 100
49 121.2 98.9 148.3
51 36.9 30.0 45.0
86 64.0 50.4 75.6

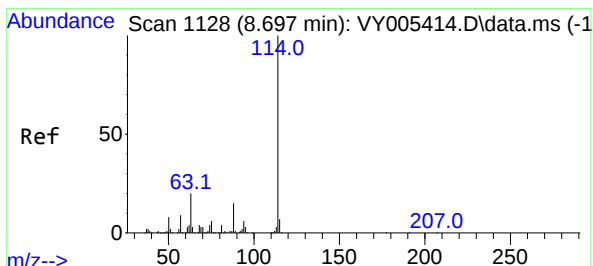
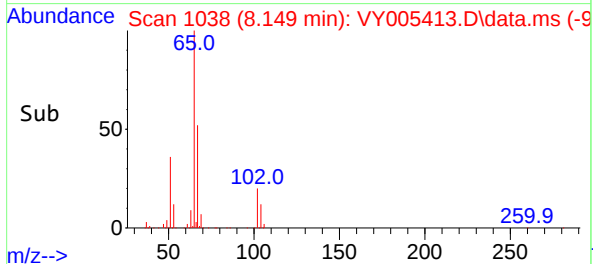
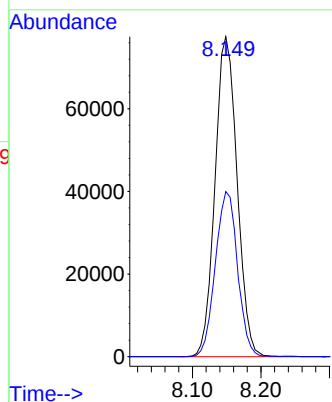
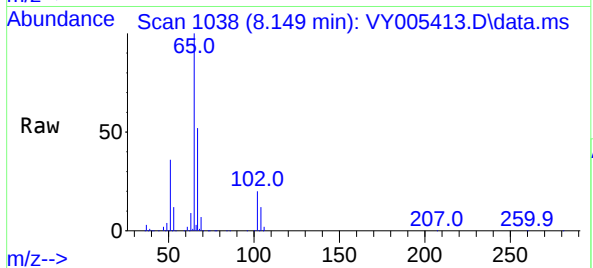




#33
1,2-Dichloroethane-d4
Concen: 54.849 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005413.D
Acq: 22 Jul 2021 15:49

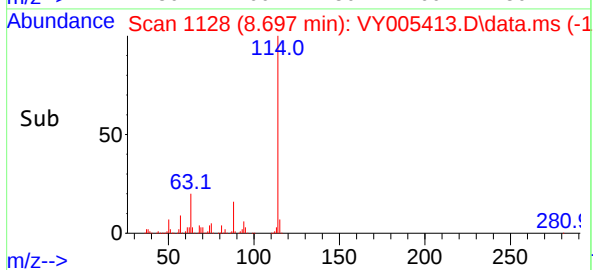
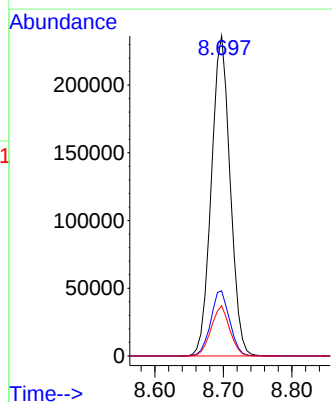
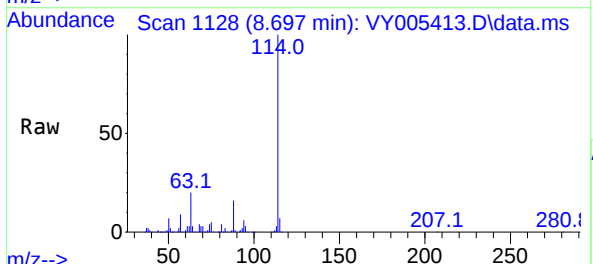
Instrument :
MSVOA_Y
ClientSampleId :
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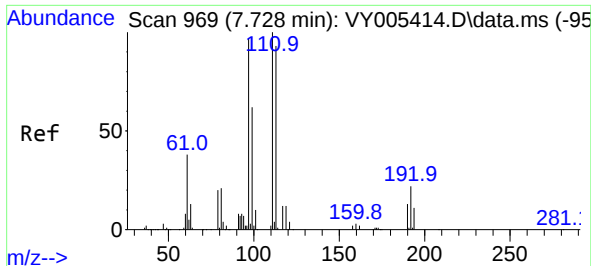
Tgt Ion: 65 Resp: 173223
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005413.D
Acq: 22 Jul 2021 15:49

Tgt Ion:114 Resp: 450252
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.0
88 15.7 0.0 30.8

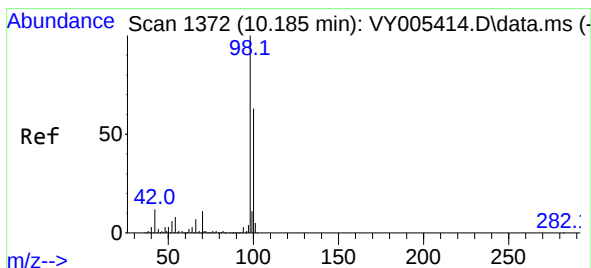
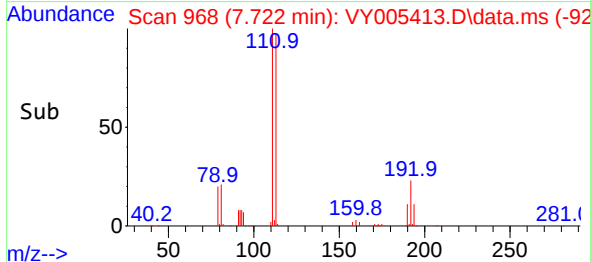
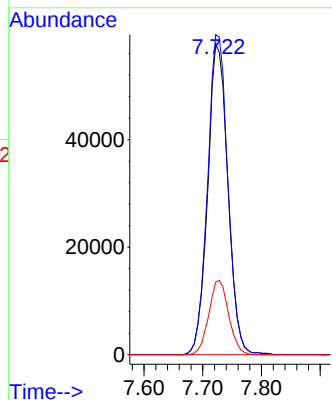
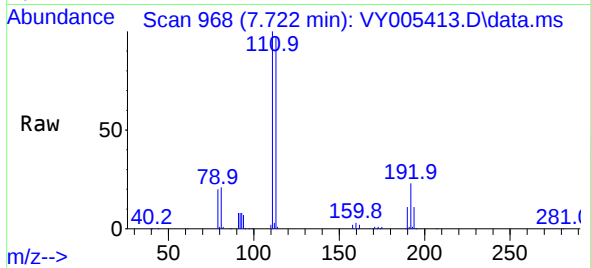




#35
Dibromofluoromethane
Concen: 53.055 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005413.D
Acq: 22 Jul 2021 15:49

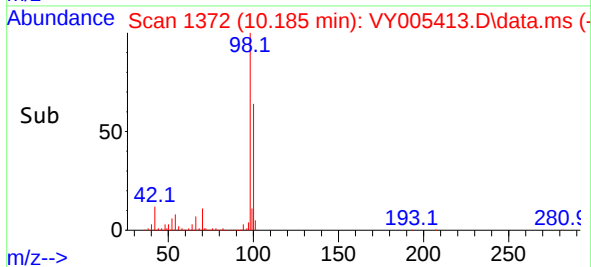
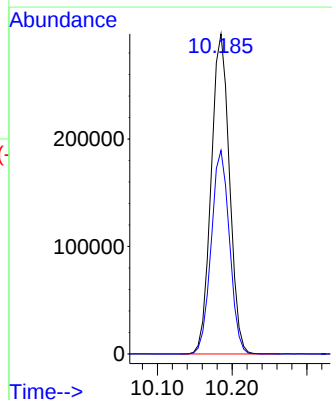
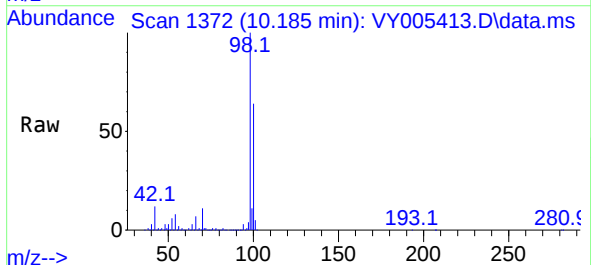
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

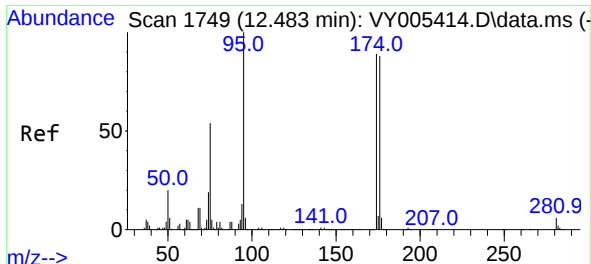
Tgt Ion:113 Resp: 137932
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 23.6 18.9 28.3



#50
Toluene-d8
Concen: 45.955 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005413.D
Acq: 22 Jul 2021 15:49

Tgt Ion: 98 Resp: 506379
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



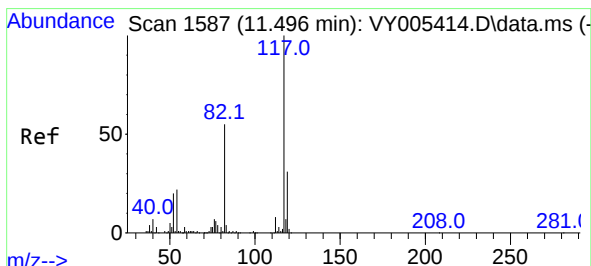
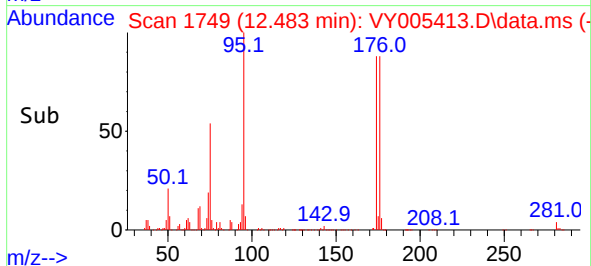
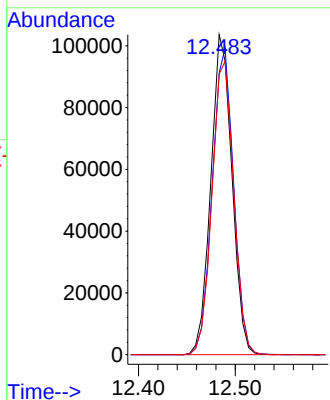
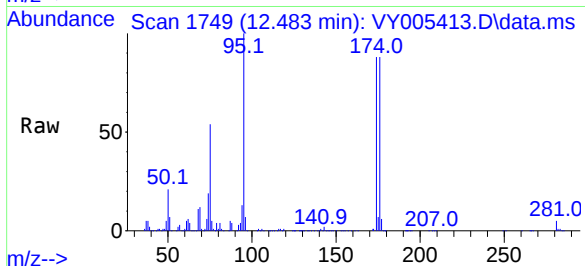


#62
4-Bromofluorobenzene
Concen: 43.237 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005413.D
Acq: 22 Jul 2021 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 157242

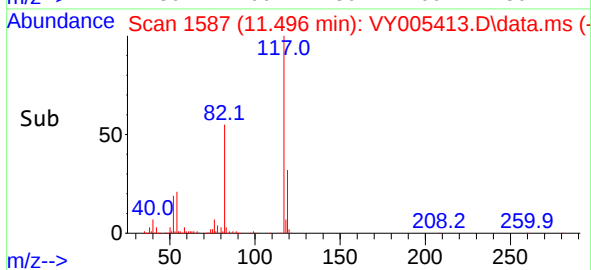
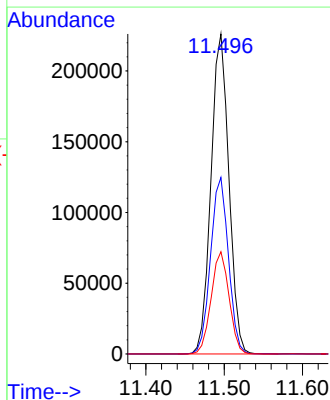
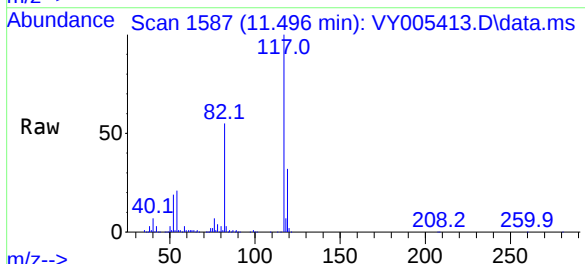
Ion	Ratio	Lower	Upper
95	100		
174	96.6	0.0	186.6
176	94.2	0.0	182.4

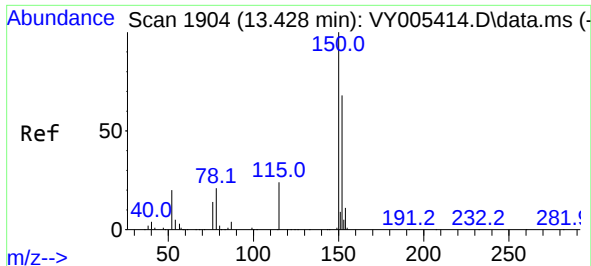


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005413.D
Acq: 22 Jul 2021 15:49

Tgt Ion: 117 Resp: 359147

Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.8	65.6
119	32.0	24.8	37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005413.D
 Acq: 22 Jul 2021 15:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion:152 Resp: 181059
 Ion Ratio Lower Upper
 152 100
 115 54.0 27.7 83.1
 150 156.7 0.0 349.6

