

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004912.D
 Acq On : 27 May 2021 20:17
 Operator : SY/MD
 Sample : M2536-02
 Misc : 5.74G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-01-C7-C7A-D7-D7A

Quant Time: May 28 01:07:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

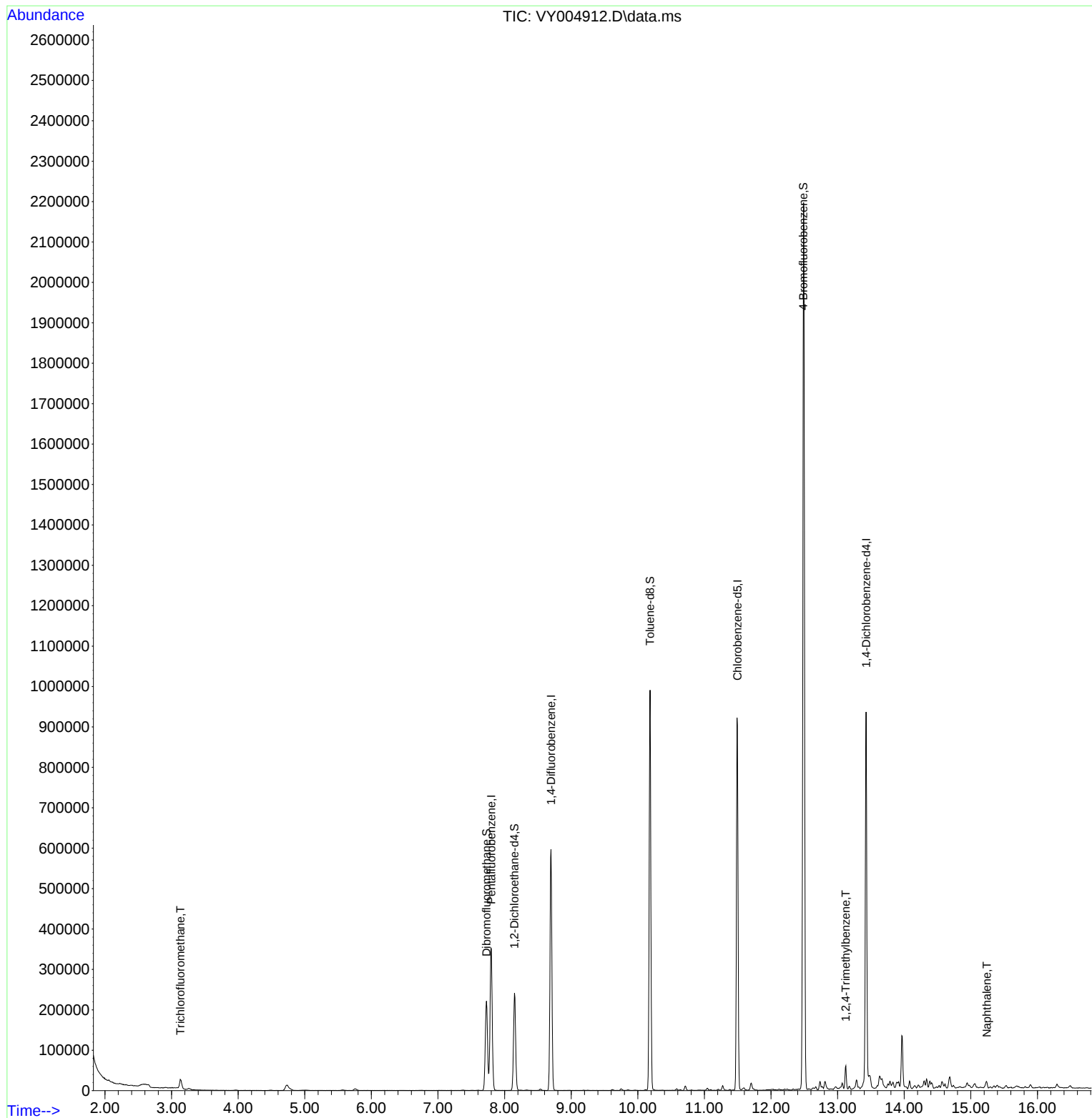
Internal Standards						
1) Pentafluorobenzene	7.801	168	272740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	498119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	496910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	226704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	184712	56.90	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.80%	
35) Dibromofluoromethane	7.728	113	158026	57.95	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.90%	
50) Toluene-d8	10.185	98	634249	51.49	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.98%	
62) 4-Bromofluorobenzene	12.483	95	237773	57.19	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.38%	
Target Compounds						
						Qvalue
7) Trichlorofluoromethane	3.131	101	23047	4.69	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	29580	2.08	ug/l	99
95) Naphthalene	15.239	128	11450	1.23	ug/l	95

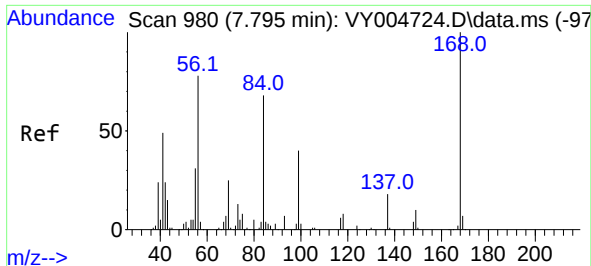
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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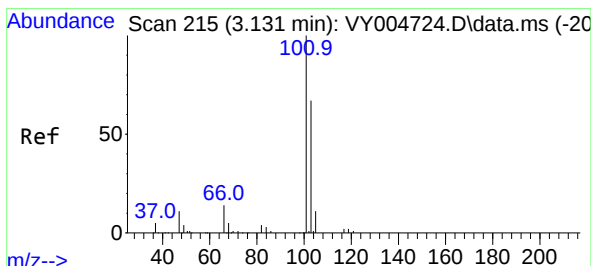
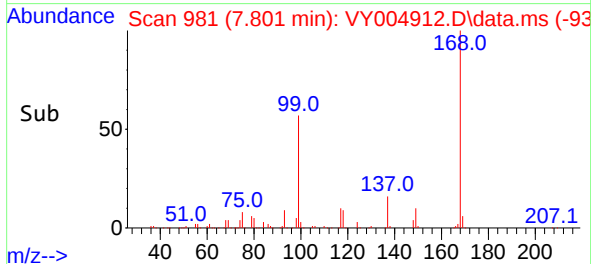
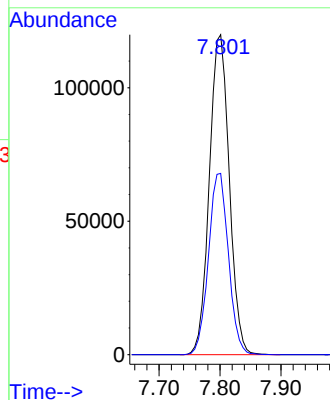
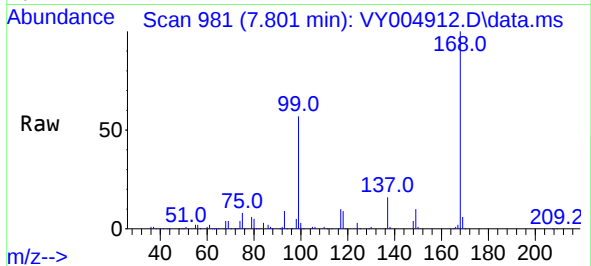




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

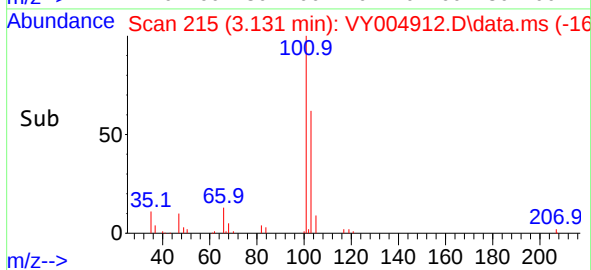
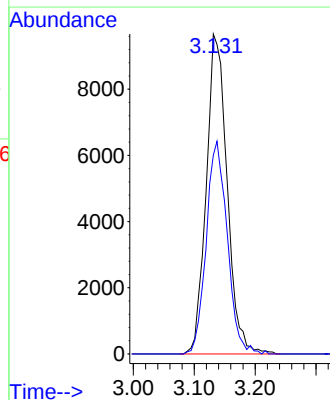
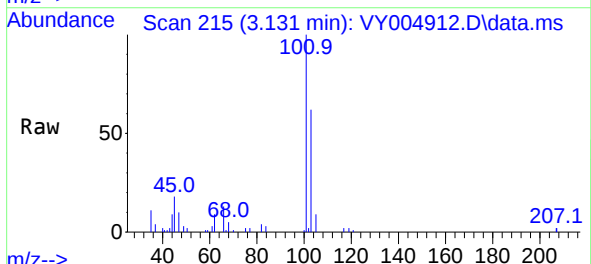
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C7-C7A-D7-D7A

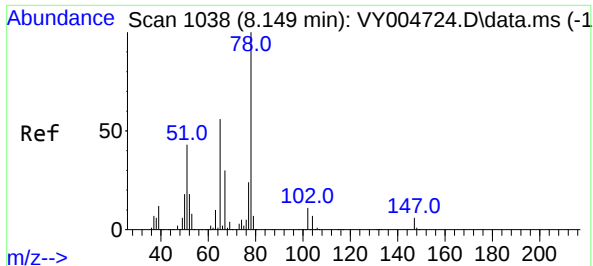
Tgt Ion:168 Resp: 272740
Ion Ratio Lower Upper
168 100
99 56.6 45.6 68.4



#7
Trichlorofluoromethane
Concen: 4.69 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

Tgt Ion:101 Resp: 23047
Ion Ratio Lower Upper
101 100
103 62.1 53.4 80.2



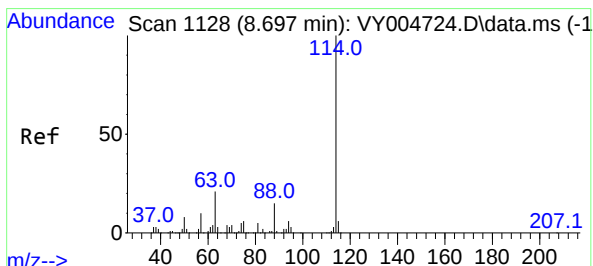
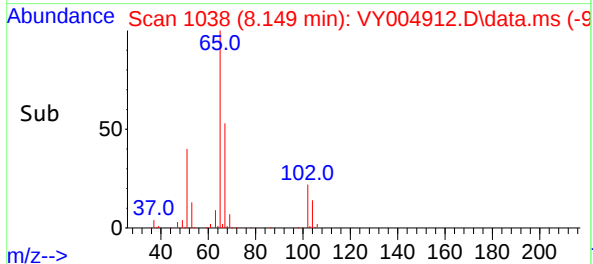
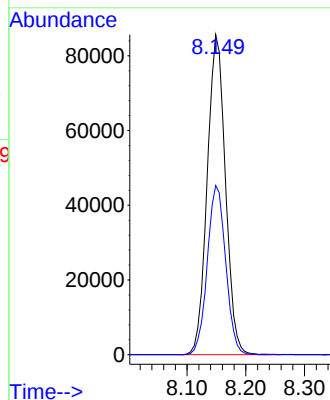
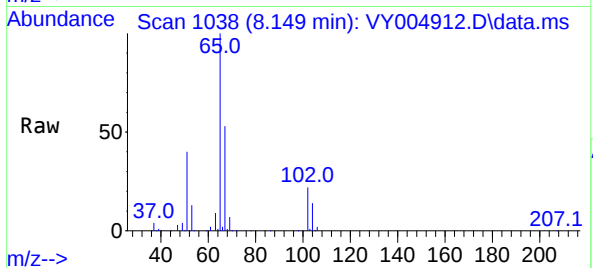


#33

1,2-Dichloroethane-d4
Concen: 56.90 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C7-C7A-D7-D7A

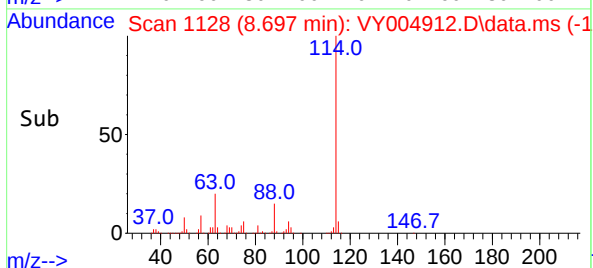
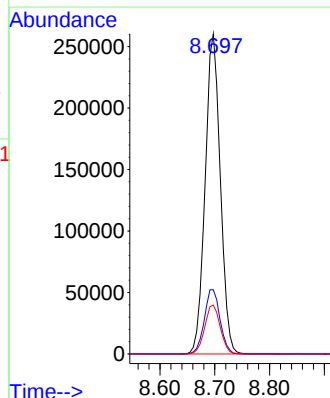
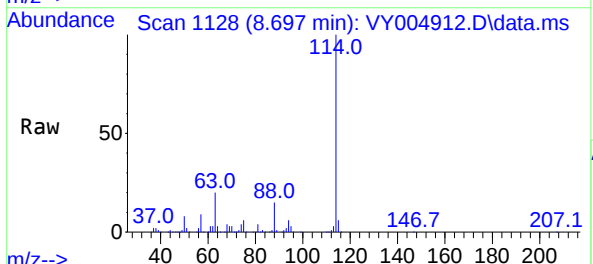
Tgt Ion: 65 Resp: 184712
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.0

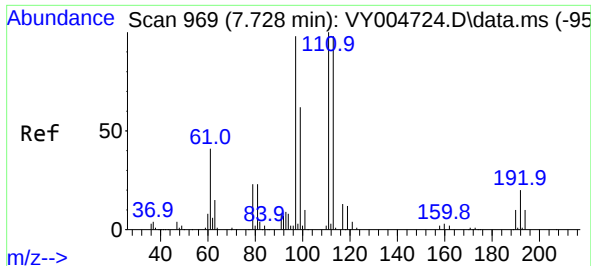


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

Tgt Ion: 114 Resp: 498119
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.8
88 15.3 0.0 31.0

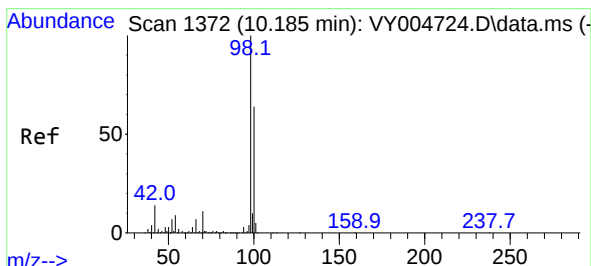
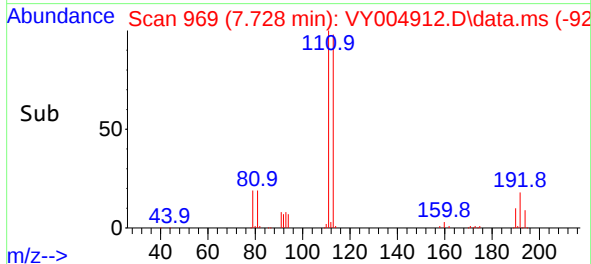
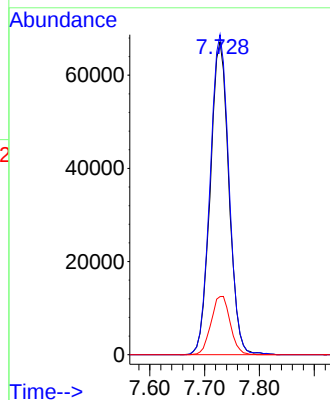
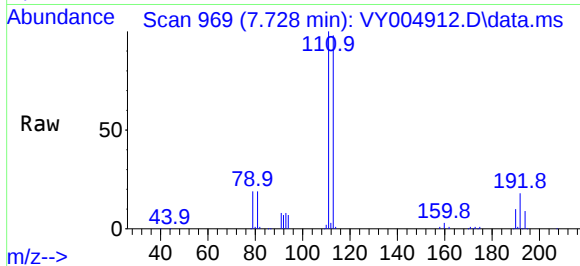




#35
Dibromofluoromethane
Concen: 57.95 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

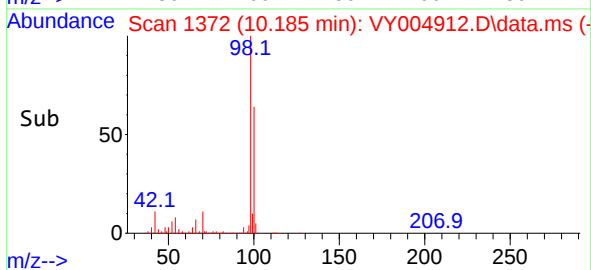
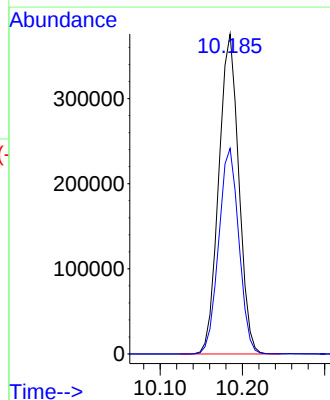
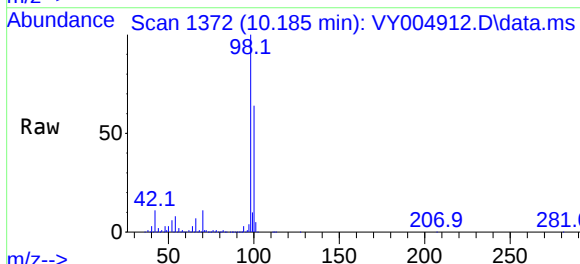
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C7-C7A-D7-D7A

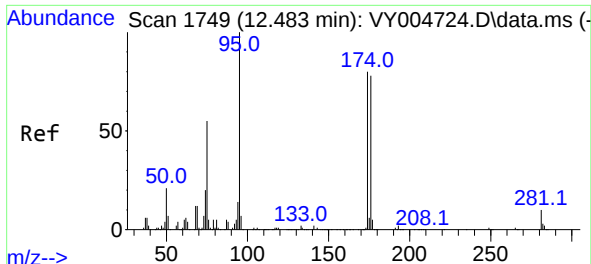
Tgt Ion:113 Resp: 158026
Ion Ratio Lower Upper
113 100
111 103.5 80.5 120.7
192 19.1 15.0 22.6



#50
Toluene-d8
Concen: 51.49 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

Tgt Ion: 98 Resp: 634249
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3

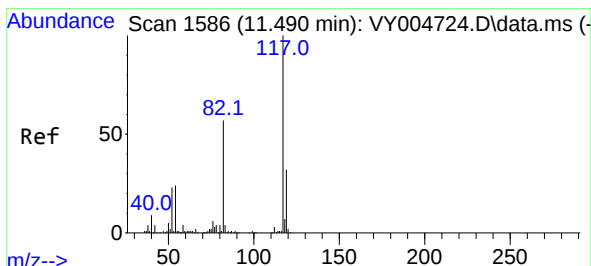
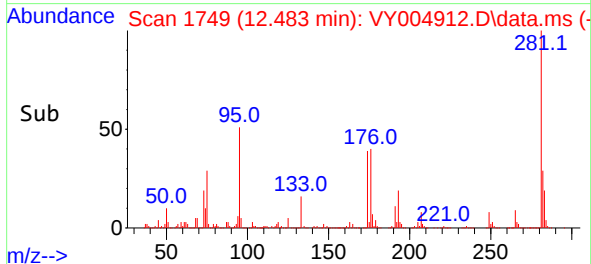
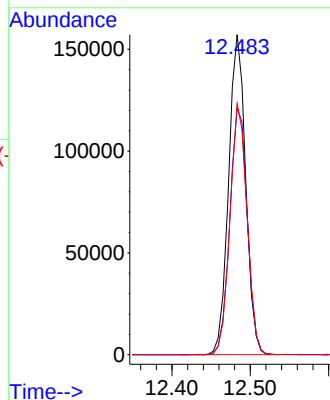
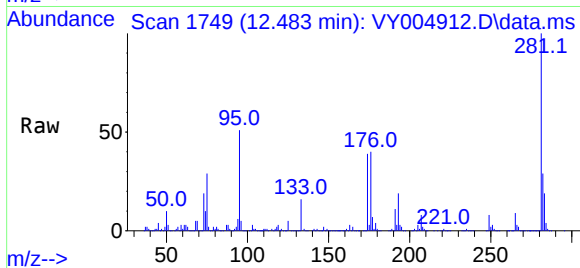




#62
4-Bromofluorobenzene
Concen: 57.19 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

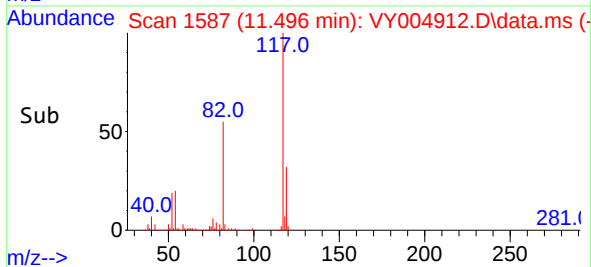
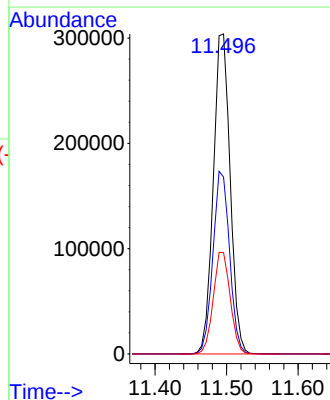
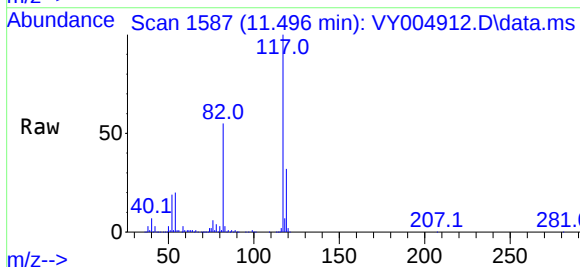
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C7-C7A-D7-D7A

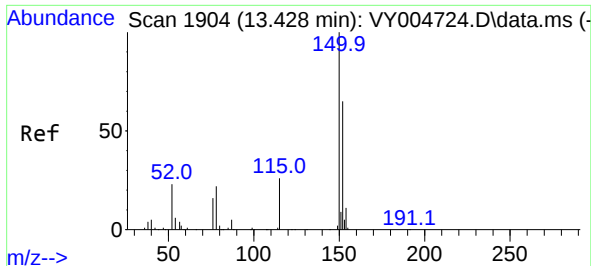
Tgt Ion: 95 Resp: 237773
Ion Ratio Lower Upper
95 100
174 78.6 0.0 164.2
176 78.2 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

Tgt Ion:117 Resp: 496910
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.2
119 31.7 25.8 38.6



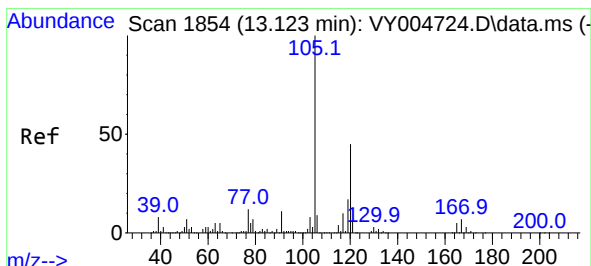
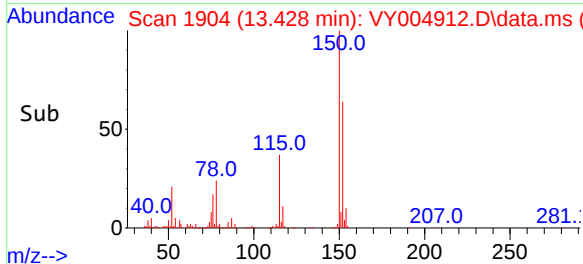
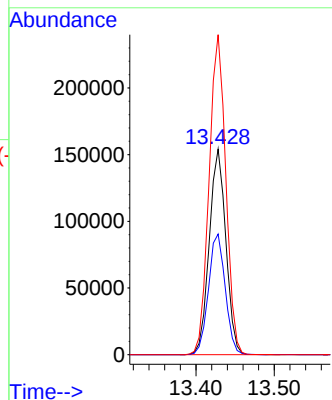
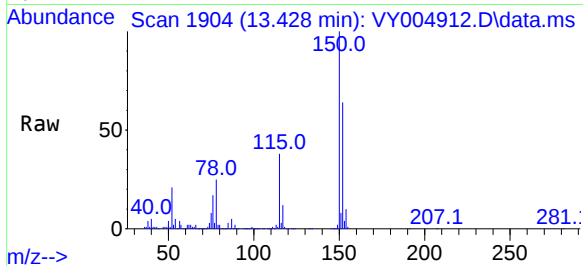


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004912.D
 Acq: 27 May 2021 20:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-01-C7-C7A-D7-D7A

Tgt Ion:152 Resp: 226704

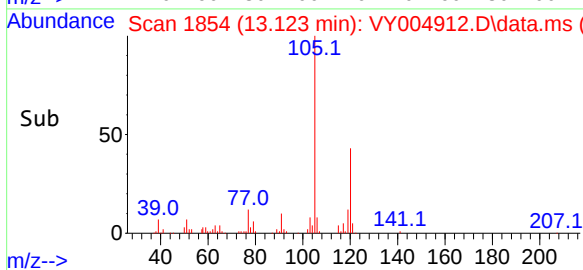
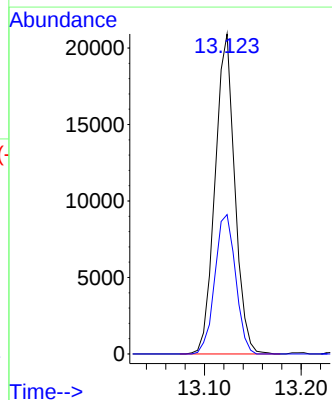
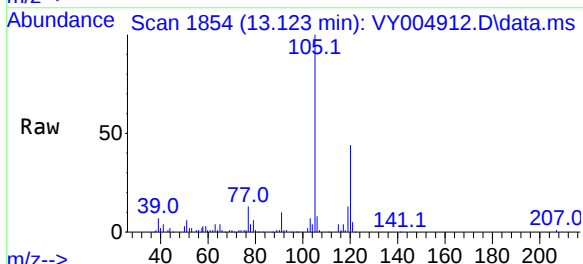
Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.4	88.3
150	156.5	0.0	349.8

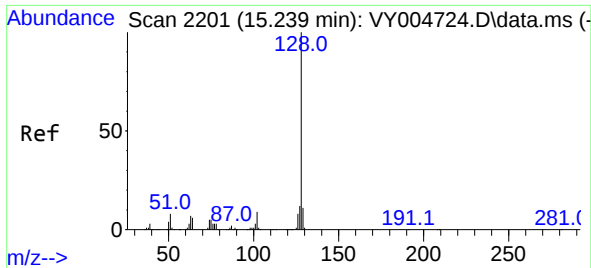


#84
 1,2,4-Trimethylbenzene
 Concen: 2.08 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY004912.D
 Acq: 27 May 2021 20:17

Tgt Ion:105 Resp: 29580

Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.5	67.5





#95
Naphthalene
Concen: 1.23 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004912.D
Acq: 27 May 2021 20:17

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Tgt Ion:	128	Resp:	11450
Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.2	15.2
129	12.8	8.6	13.0

