

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090921\
 Data File : VY005978.D
 Acq On : 09 Sep 2021 16:09
 Operator : SY/MD
 Sample : M3694-03
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-3

Quant Time: Sep 10 04:45:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

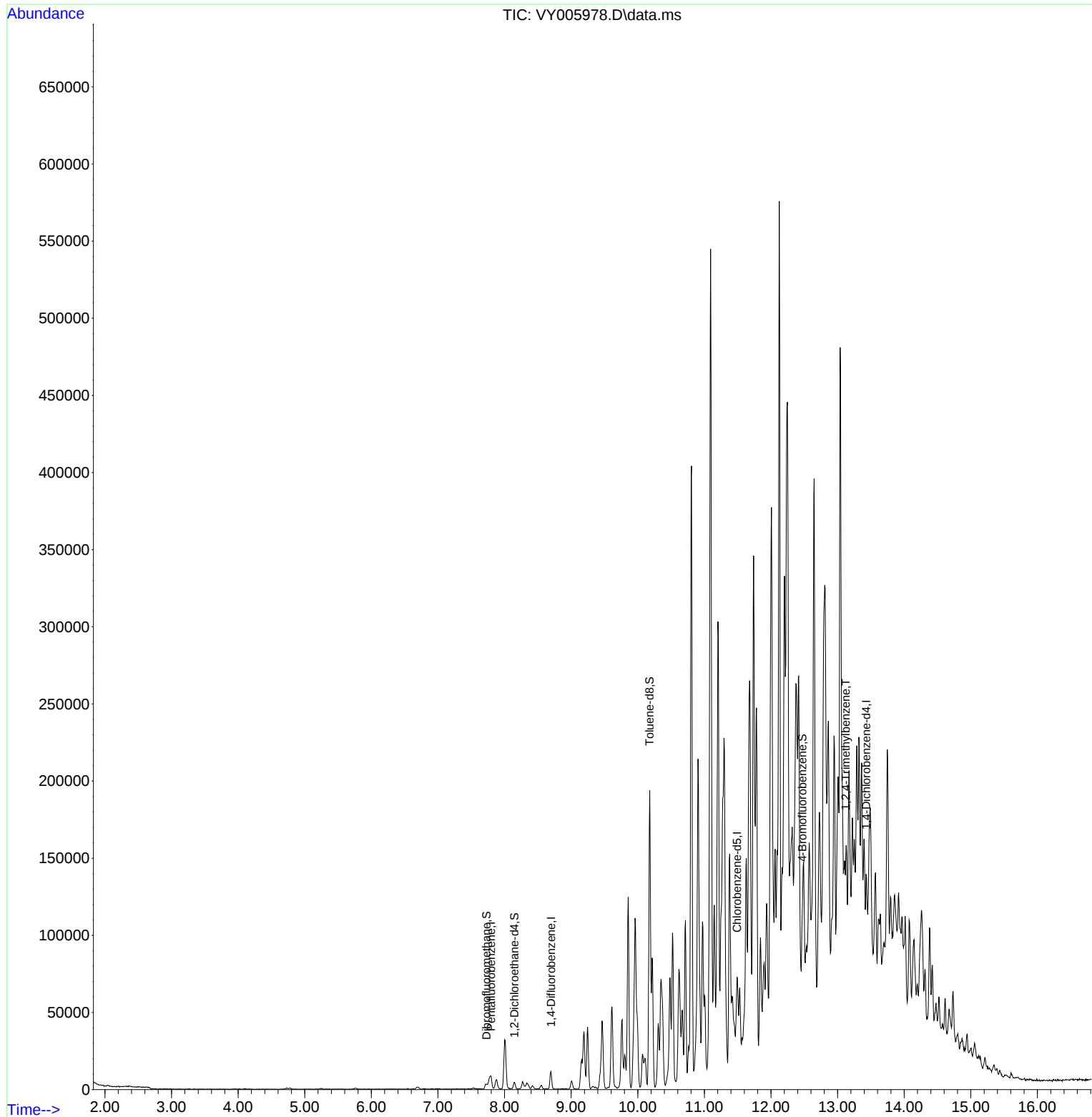
Internal Standards						
1) Pentafluorobenzene	7.795	168	5939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	9498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	10369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3337	55.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.520%
35) Dibromofluoromethane	7.728	113	2496	46.794	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.580%
50) Toluene-d8	10.179	98	21728	97.060	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	194.120%#
62) 4-Bromofluorobenzene	12.471	95	13775	183.255	ug/l	-0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	366.520%#
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.123	105	3790	8.248	ug/l	Qvalue 97

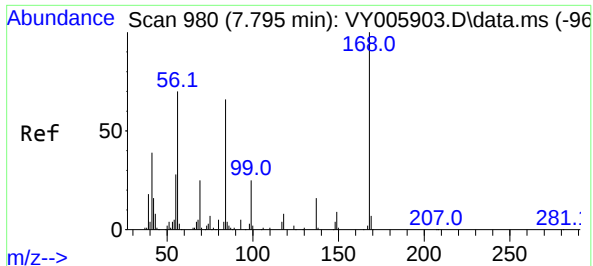
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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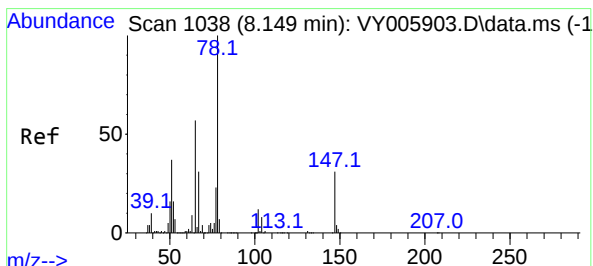
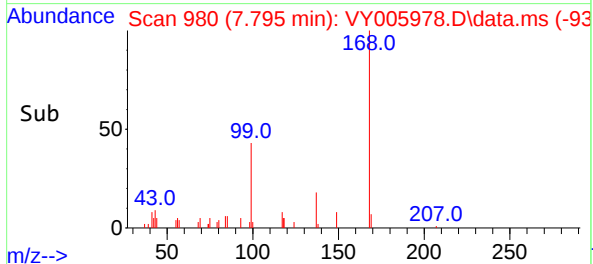
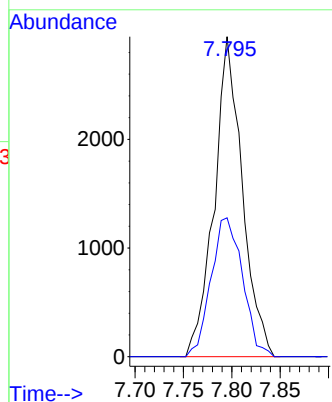
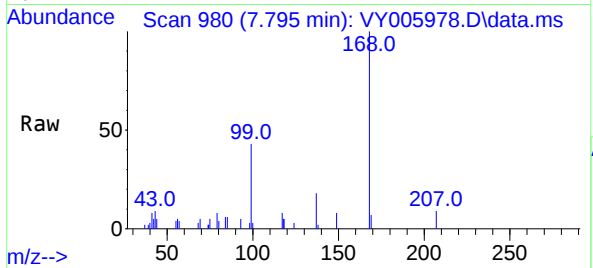




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005978.D
Acq: 09 Sep 2021 16:09

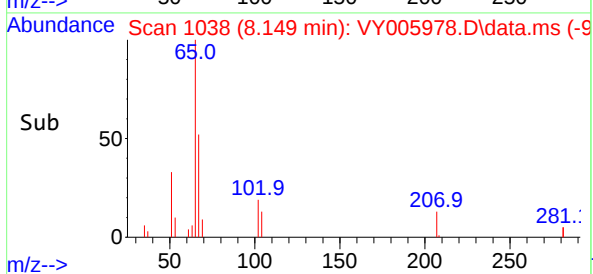
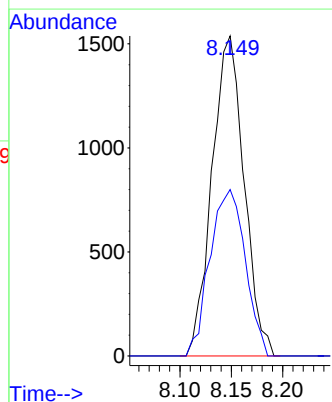
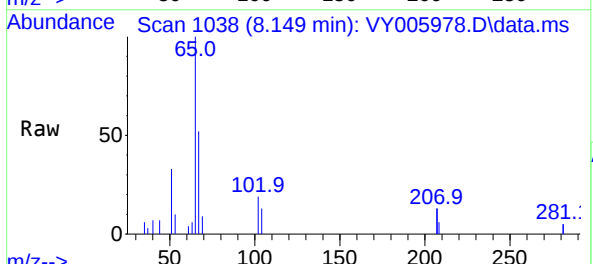
Instrument :
MSVOA_Y
ClientSampled :
S-3

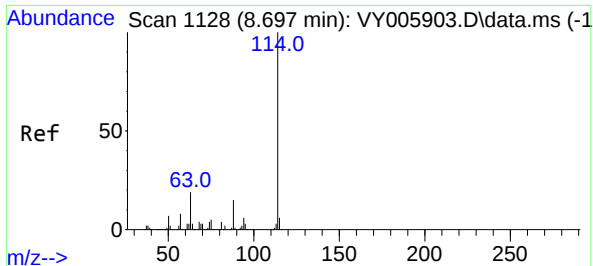
Tgt Ion:168 Resp: 5939
Ion Ratio Lower Upper
168 100
99 43.4 40.6 60.8



#33
1,2-Dichloroethane-d4
Concen: 55.757 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005978.D
Acq: 09 Sep 2021 16:09

Tgt Ion: 65 Resp: 3337
Ion Ratio Lower Upper
65 100
67 57.3 0.0 105.4



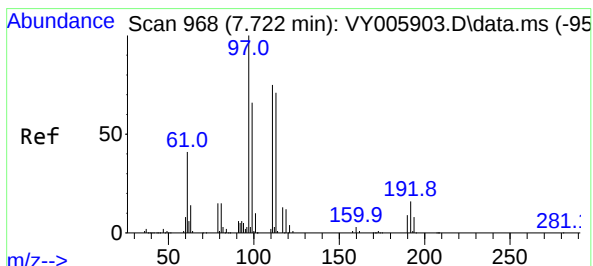
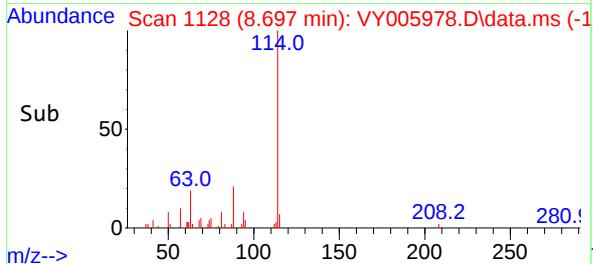
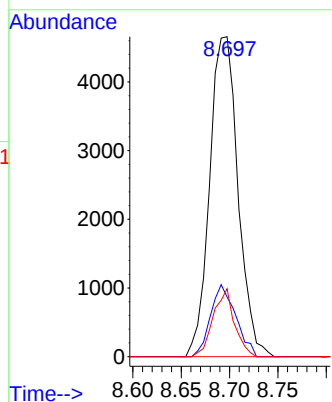
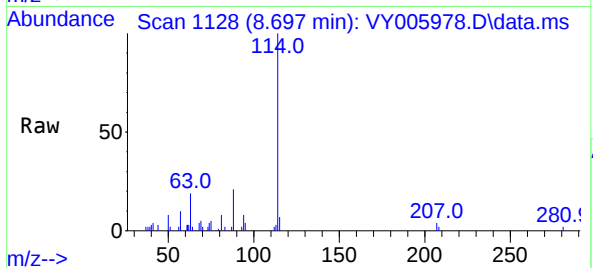


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005978.D
Acq: 09 Sep 2021 16:09

Instrument :
MSVOA_Y
ClientSampled :
S-3

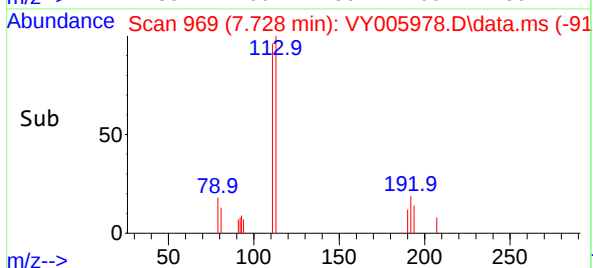
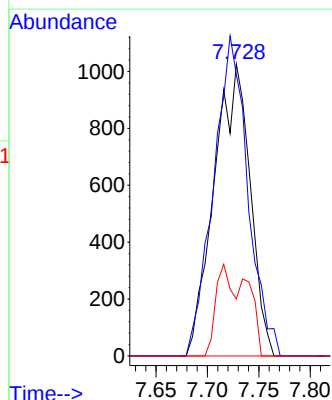
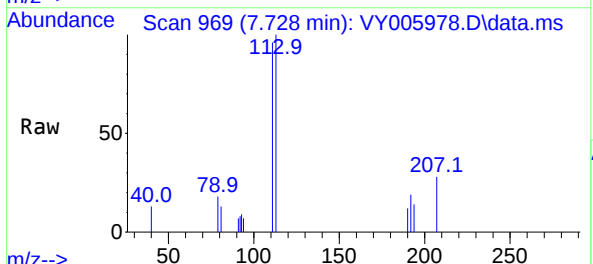
Tgt Ion:	114	Resp:	9498
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.4
88	21.2	0.0	30.0

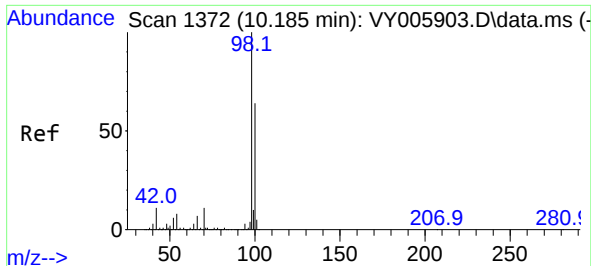


#35

Dibromofluoromethane
Concen: 46.794 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005978.D
Acq: 09 Sep 2021 16:09

Tgt Ion:	113	Resp:	2496
Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.9	122.9
192	15.8	19.4	29.0#

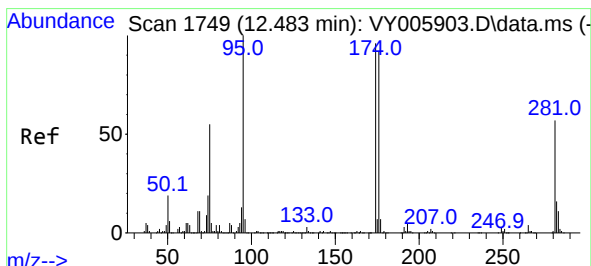
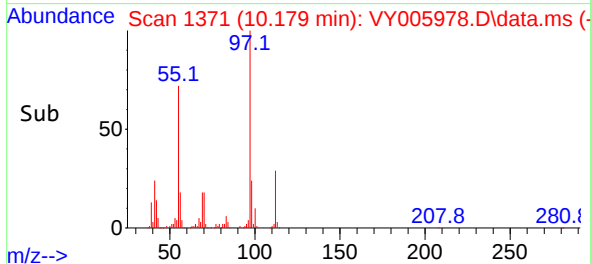
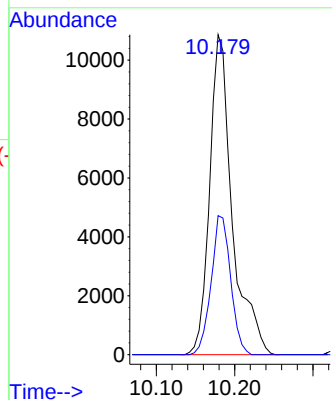
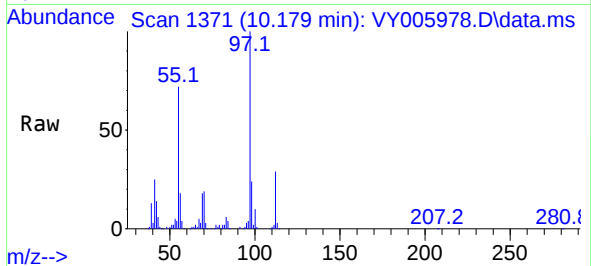




#50
Toluene-d8
Concen: 97.060 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005978.D
Acq: 09 Sep 2021 16:09

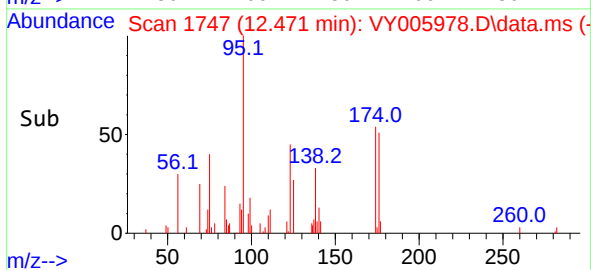
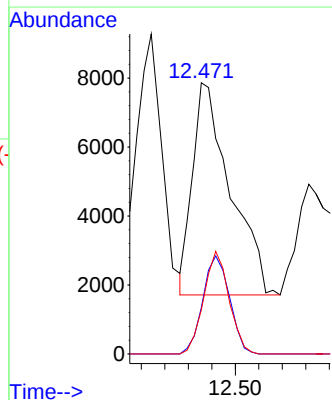
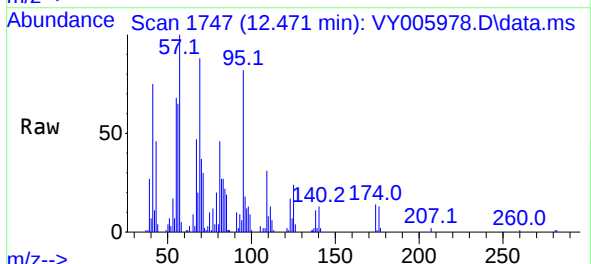
Instrument :
MSVOA_Y
ClientSampled :
S-3

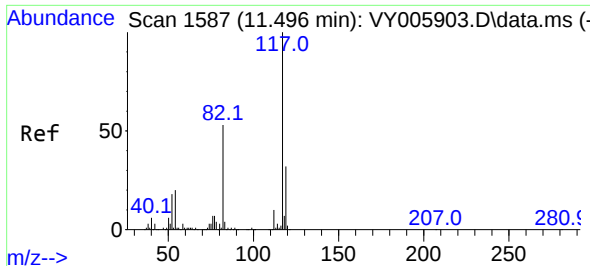
Tgt Ion: 98 Resp: 21728
Ion Ratio Lower Upper
98 100
100 37.5 50.9 76.3#



#62
4-Bromofluorobenzene
Concen: 183.255 ug/l
RT: 12.471 min Scan# 1747
Delta R.T. -0.012 min
Lab File: VY005978.D
Acq: 09 Sep 2021 16:09

Tgt Ion: 95 Resp: 13775
Ion Ratio Lower Upper
95 100
174 32.6 0.0 192.4
176 32.3 0.0 186.8

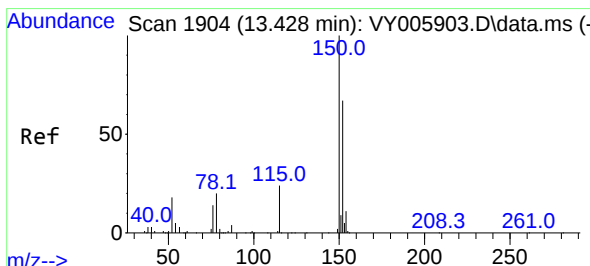
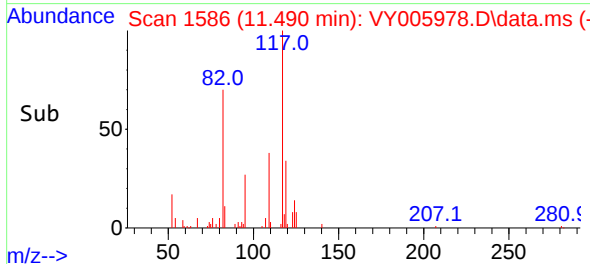
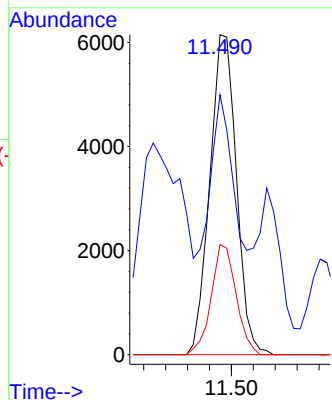
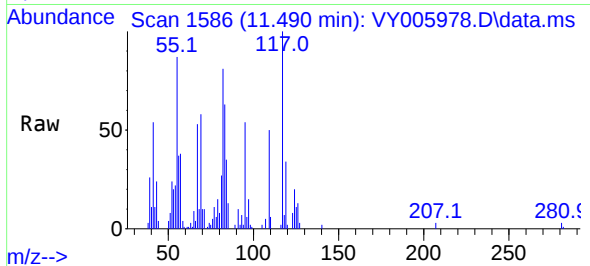




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005978.D
Acq: 09 Sep 2021 16:09

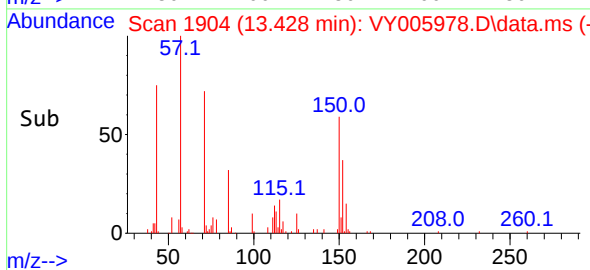
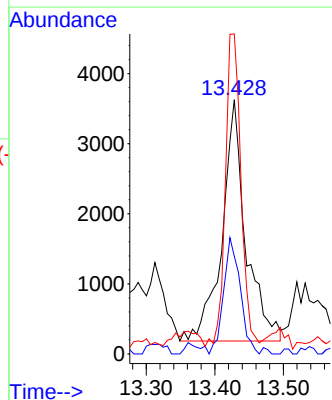
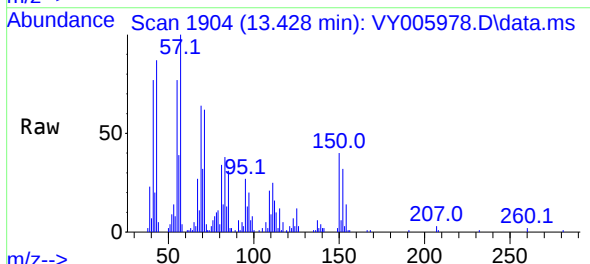
Instrument :
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ClientSampled :
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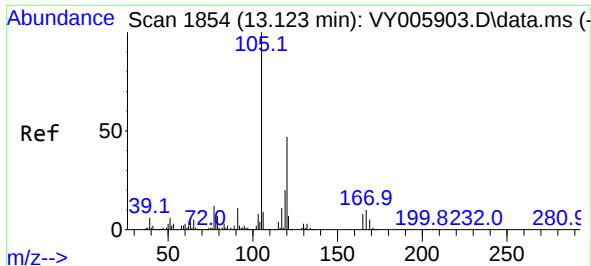
Tgt Ion:	117	Resp:	10369
Ion	Ratio	Lower	Upper
117	100		
82	49.3	42.4	63.6
119	34.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005978.D
Acq: 09 Sep 2021 16:09

Tgt Ion:	152	Resp:	8295
Ion	Ratio	Lower	Upper
152	100		
115	33.5	26.8	80.4
150	85.9	0.0	345.6





#84
 1,2,4-Trimethylbenzene
 Concen: 8.248 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY005978.D
 Acq: 09 Sep 2021 16:09

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:105 Resp: 3790
 Ion Ratio Lower Upper
 105 100
 120 44.6 23.3 69.9

