

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
 Data File : VY004554.D
 Acq On : 21 Apr 2021 14:37
 Operator : SY/MD
 Sample : M2111-02
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-2

Quant Time: Apr 22 11:17:09 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)

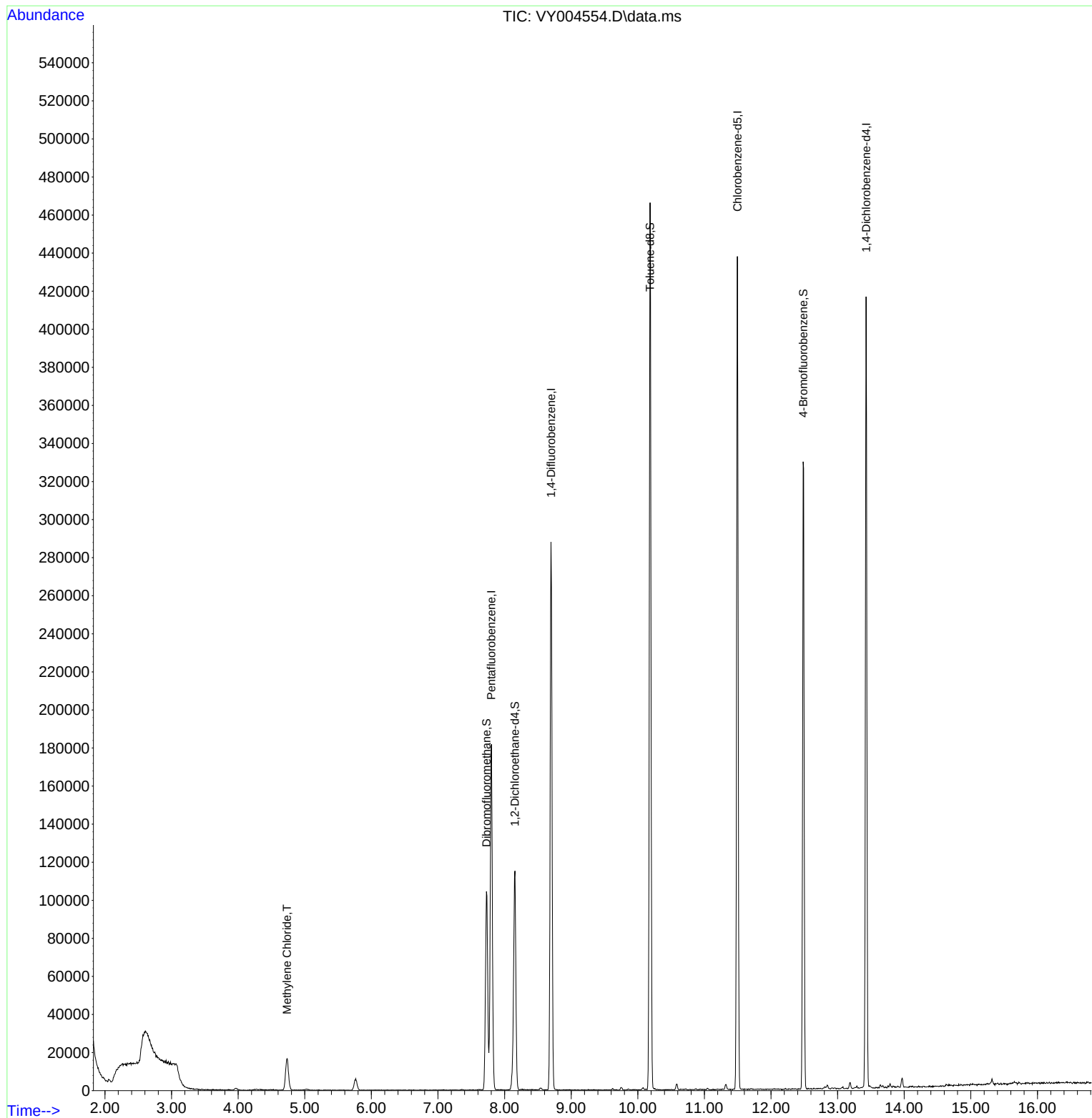
Internal Standards						
1) Pentafluorobenzene	7.801	168	133788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	235025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	218471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	87281	58.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.44%
35) Dibromofluoromethane	7.728	113	72147	55.32	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.64%
50) Toluene-d8	10.185	98	289049	52.10	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.20%
62) 4-Bromofluorobenzene	12.483	95	94833	50.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.74%
Target Compounds						
20) Methylene Chloride	4.735	84	11964	8.33	ug/l	Qvalue 97

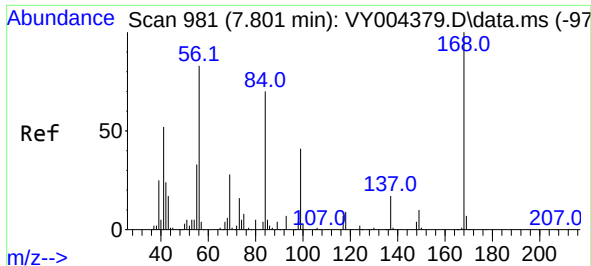
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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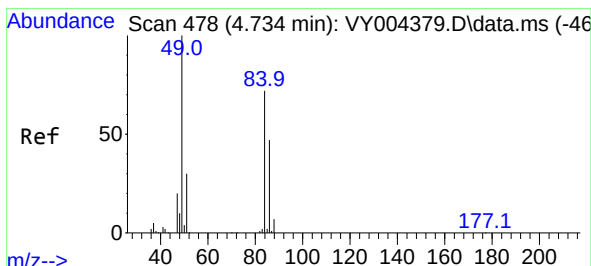
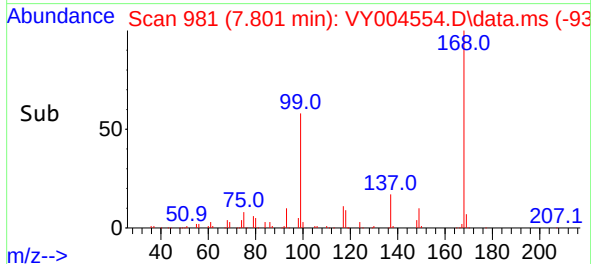
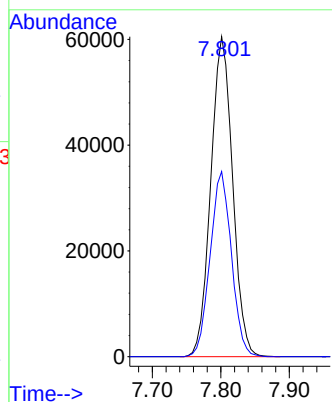
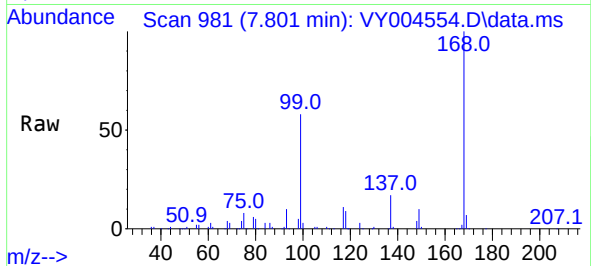




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

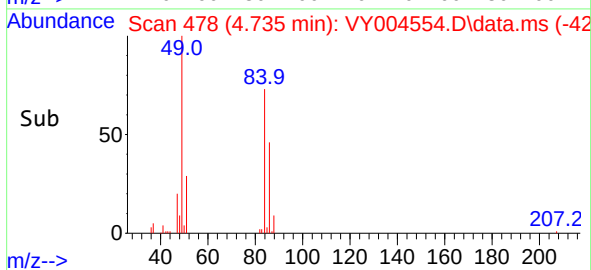
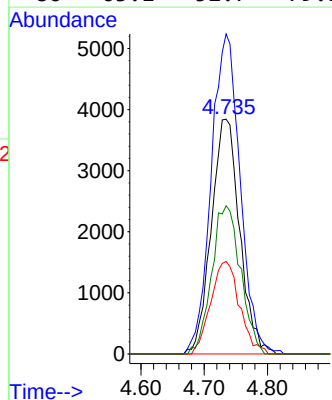
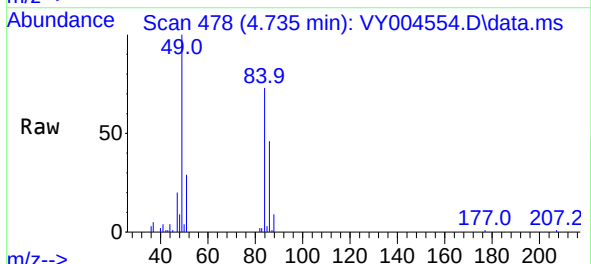
Instrument :
MSVOA_Y
ClientSampleId :
S-2

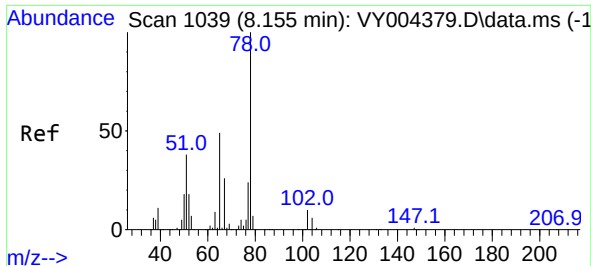
Tgt Ion:168 Resp: 133788
Ion Ratio Lower Upper
168 100
99 57.8 45.5 68.3



#20
Methylene Chloride
Concen: 8.33 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

Tgt Ion: 84 Resp: 11964
Ion Ratio Lower Upper
84 100
49 136.4 111.2 166.8
51 39.4 33.4 50.2
86 63.1 52.7 79.1

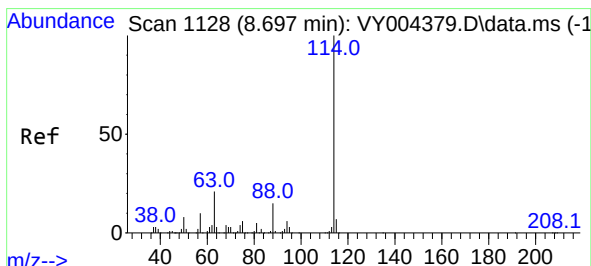
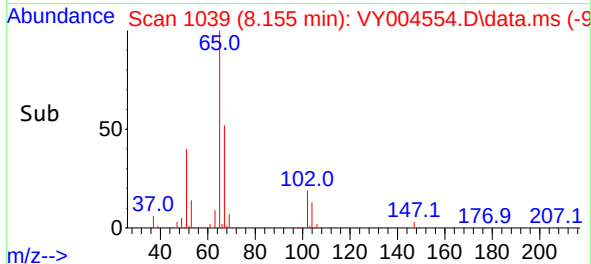
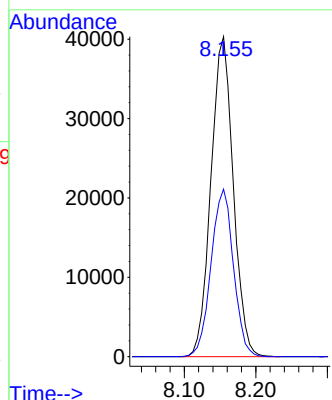
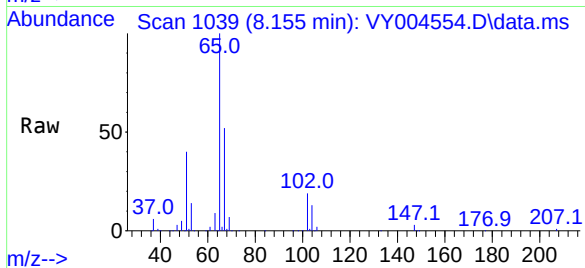




#33
1,2-Dichloroethane-d4
Concen: 58.72 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

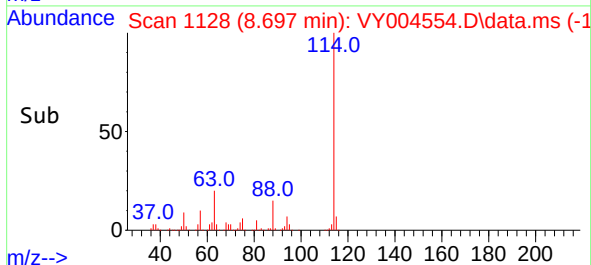
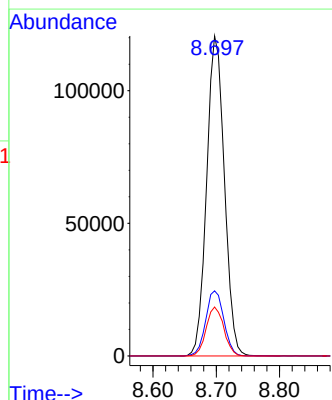
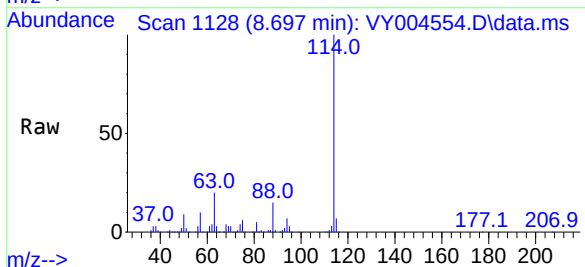
Instrument :
MSVOA_Y
ClientSampled :
S-2

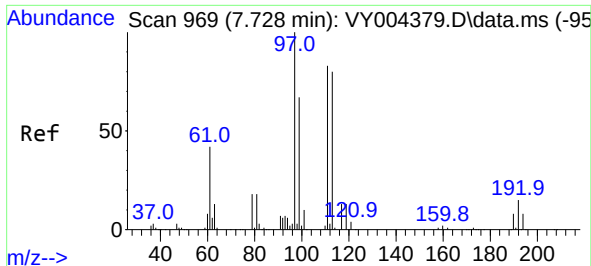
Tgt Ion: 65 Resp: 87281
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

Tgt Ion: 114 Resp: 235025
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.4
88 15.3 0.0 30.8

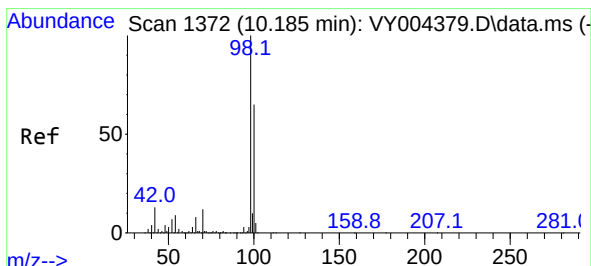
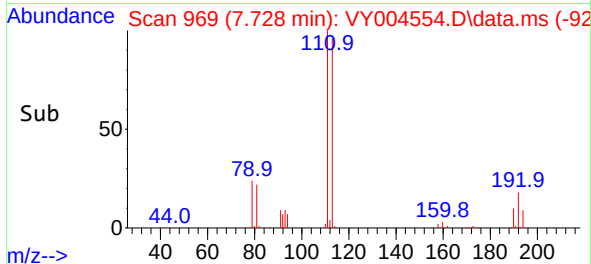
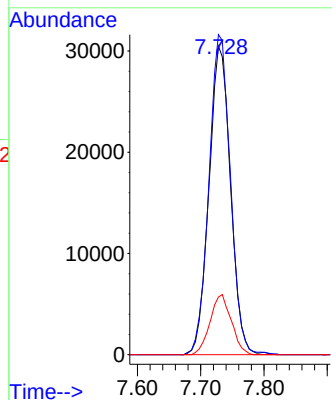
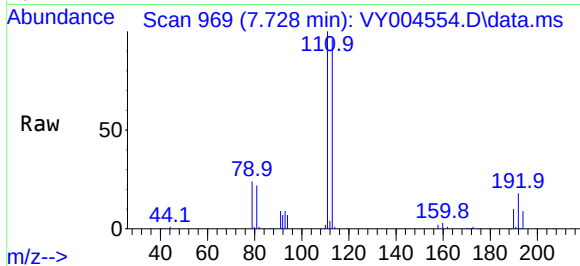




#35
Dibromofluoromethane
Concen: 55.32 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

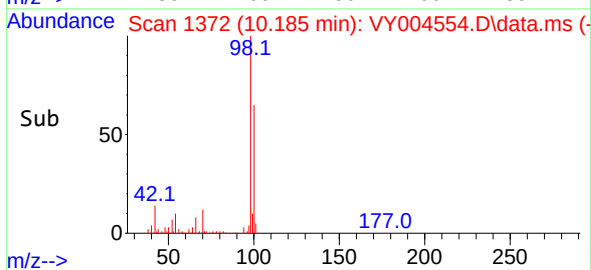
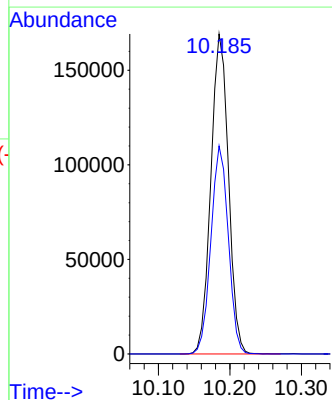
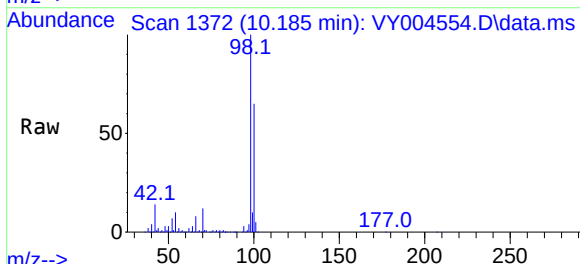
Instrument :
MSVOA_Y
ClientSampleId :
S-2

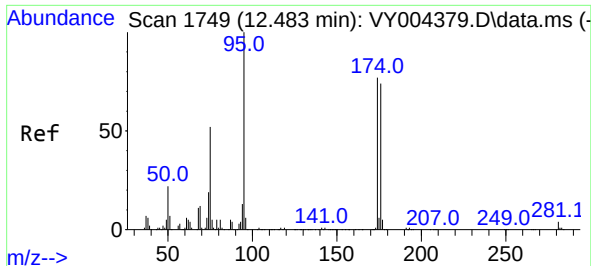
Tgt Ion:	113	Resp:	72147
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	19.2	16.1	24.1



#50
Toluene-d8
Concen: 52.10 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

Tgt Ion:	98	Resp:	289049
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.8	77.6

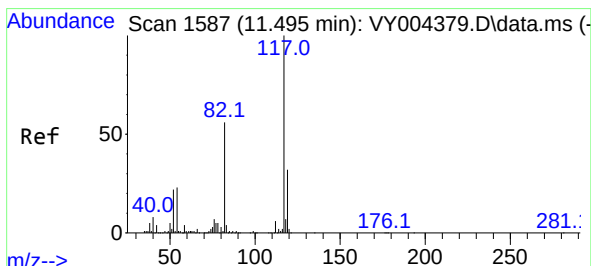
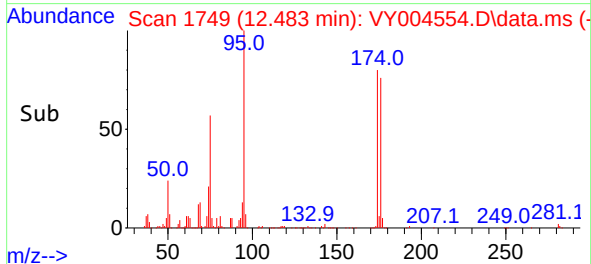
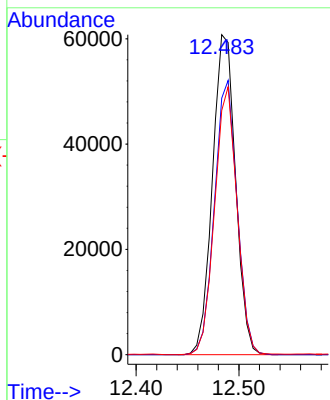
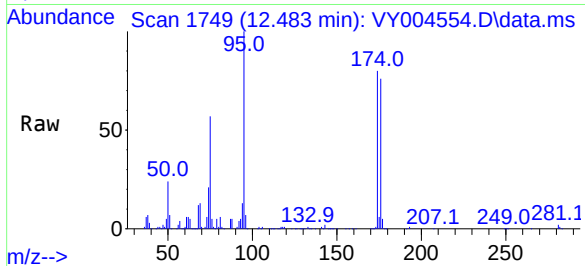




#62
4-Bromofluorobenzene
Concen: 50.37 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

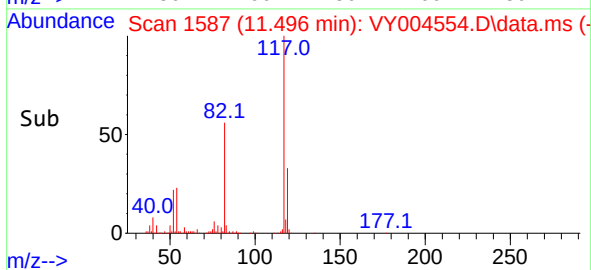
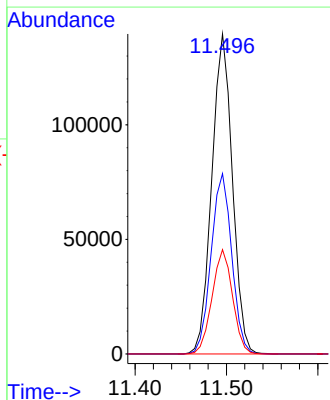
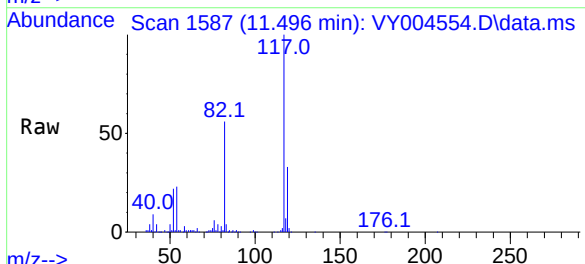
Instrument :
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ClientSampleId :
S-2

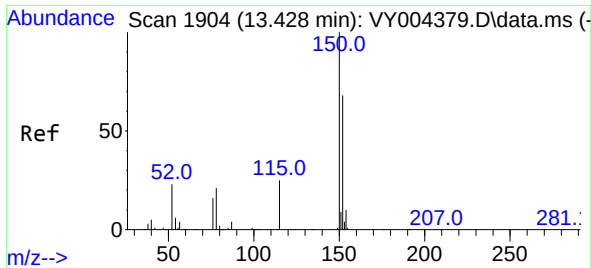
Tgt Ion:	95	Resp:	94833
Ion	Ratio	Lower	Upper
95	100		
174	83.7	0.0	162.4
176	81.4	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004554.D
Acq: 21 Apr 2021 14:37

Tgt Ion:	117	Resp:	218471
Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.9	67.3
119	32.6	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: VY004554.D
 Acq: 21 Apr 2021 14:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-2

Tgt Ion:152	Resp:	98053
Ion	Ratio	Lower Upper
152	100	
115	59.5	29.6 88.8
150	159.5	0.0 348.4

