

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
 Data File : VY004710.D
 Acq On : 04 May 2021 13:12
 Operator : SY/MD
 Sample : M2236-01
 Misc : 5.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11991

Quant Time: May 05 01:33:09 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)

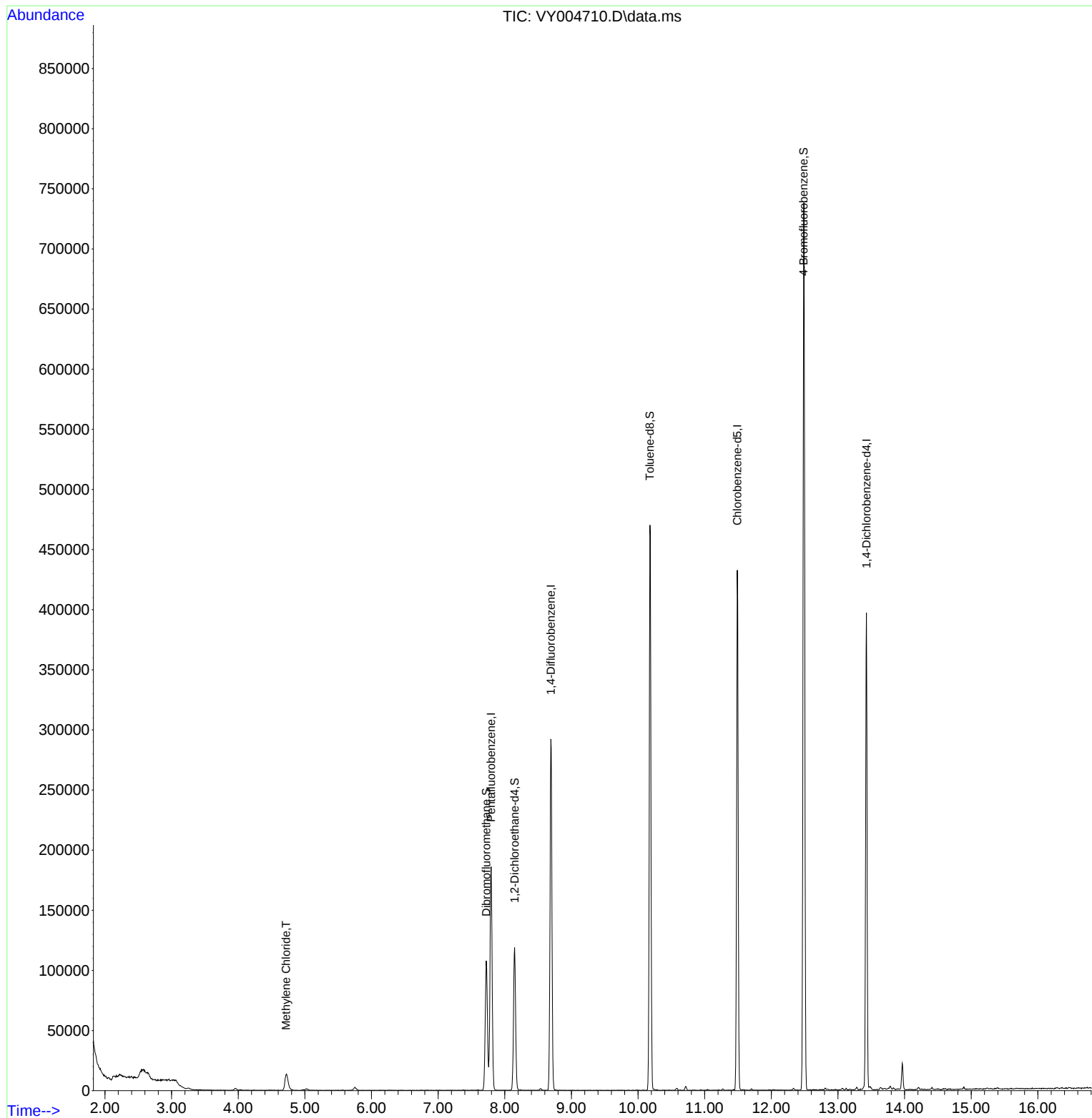
Internal Standards						
1) Pentafluorobenzene	7.795	168	137995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	223061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90656	59.13	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.26%
35) Dibromofluoromethane	7.722	113	72509	53.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.56%
50) Toluene-d8	10.179	98	295081	51.45	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.90%
62) 4-Bromofluorobenzene	12.483	95	95966	49.31	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.62%
Target Compounds						
20) Methylene Chloride	4.716	84	9691	6.54	ug/l	Qvalue # 93

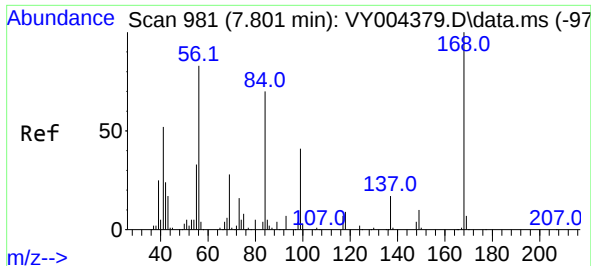
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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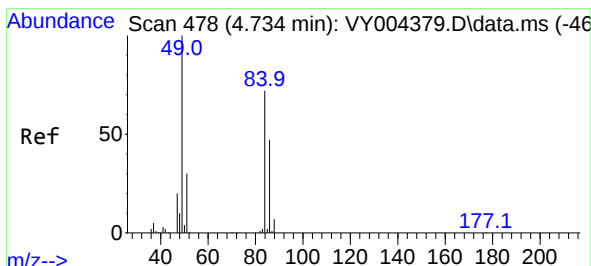
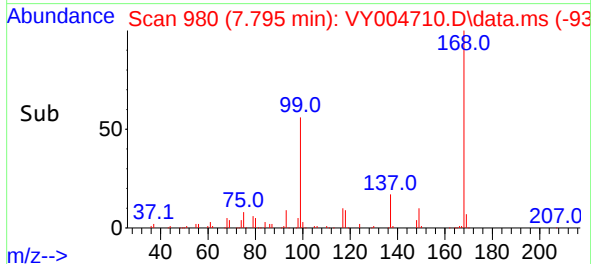
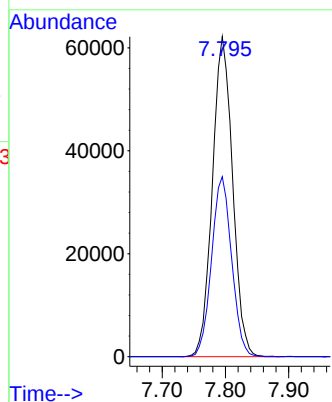
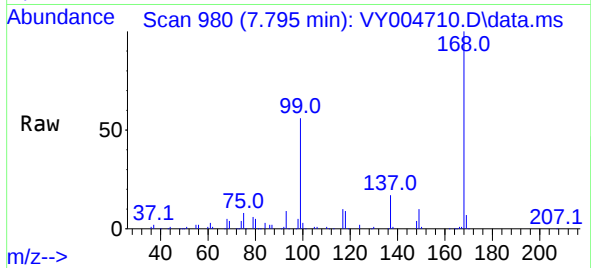




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

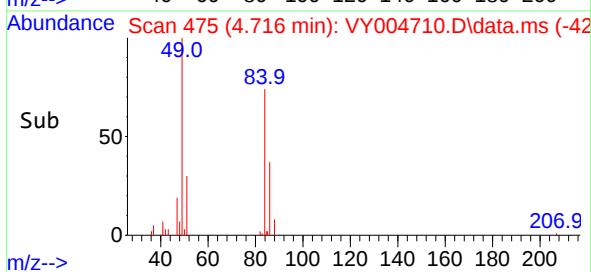
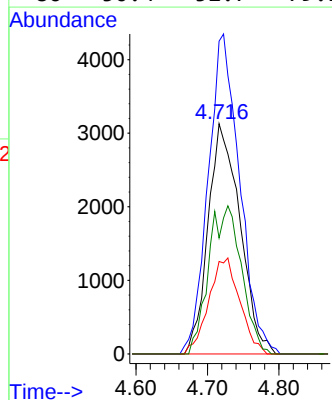
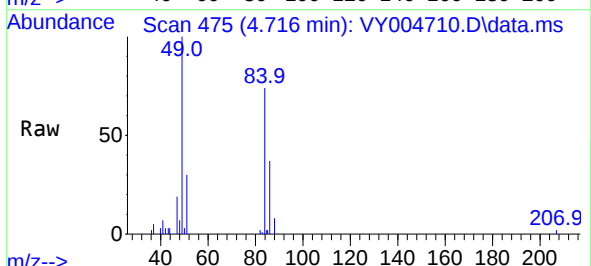
Instrument :
MSVOA_Y
ClientSampleId :
11991

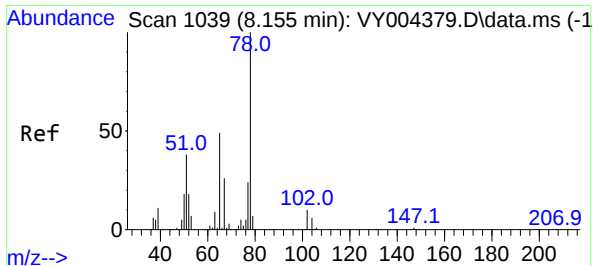
Tgt Ion:168 Resp: 137995
Ion Ratio Lower Upper
168 100
99 56.3 45.5 68.3



#20
Methylene Chloride
Concen: 6.54 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

Tgt Ion: 84 Resp: 9691
Ion Ratio Lower Upper
84 100
49 135.8 111.2 166.8
51 40.2 33.4 50.2
86 50.4 52.7 79.1#

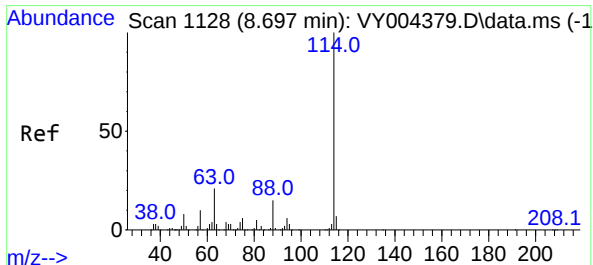
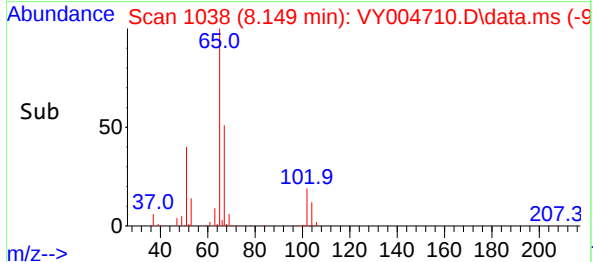
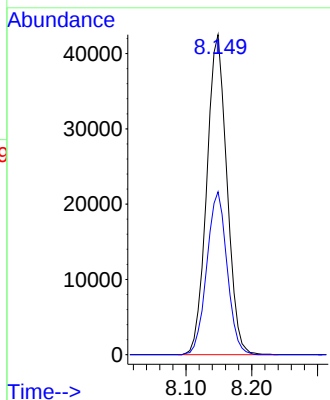
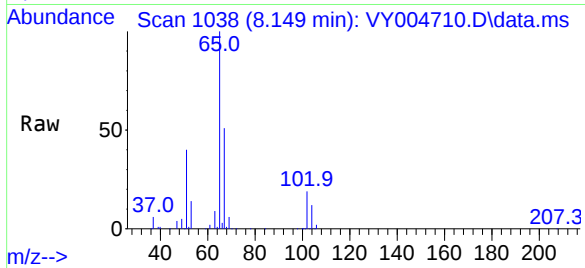




#33
1,2-Dichloroethane-d4
Concen: 59.13 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

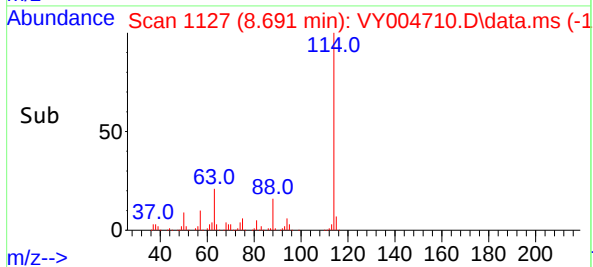
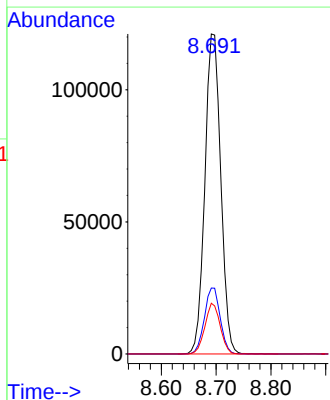
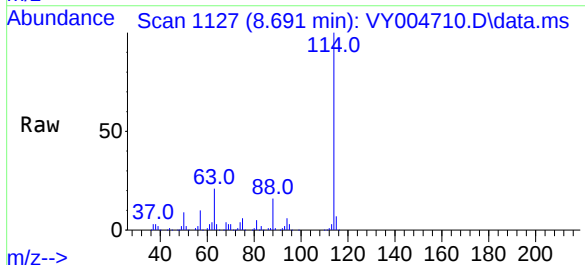
Instrument :
MSVOA_Y
ClientSampleId :
11991

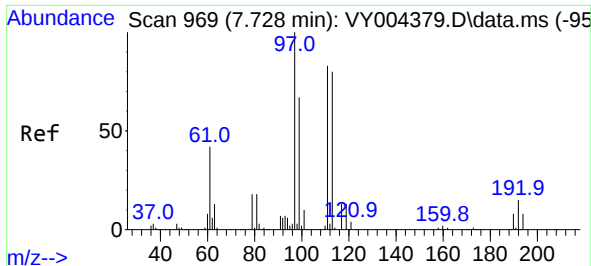
Tgt Ion: 65 Resp: 90656
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

Tgt Ion: 114 Resp: 242945
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.4
88 15.9 0.0 30.8



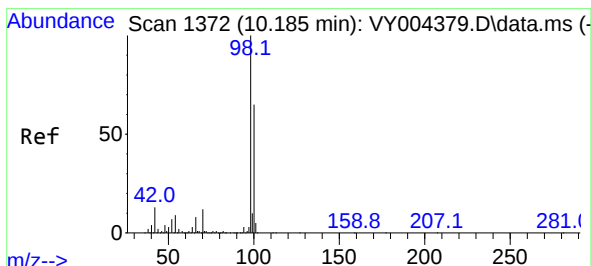
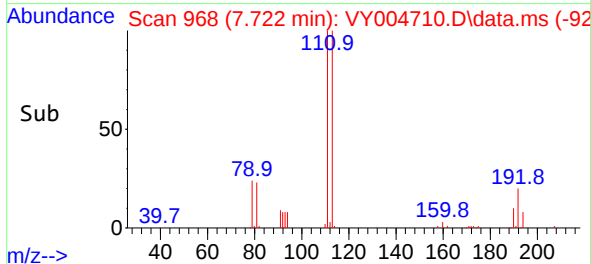
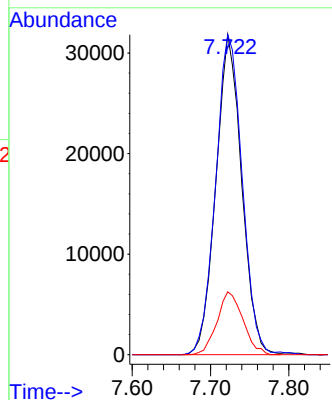
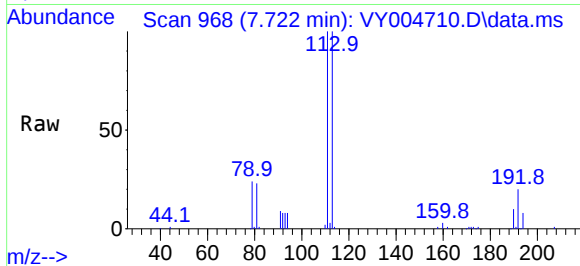


#35
Dibromofluoromethane
Concen: 53.78 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

Instrument :
MSVOA_Y
ClientSampleId :
11991

Tgt Ion:113 Resp: 72509

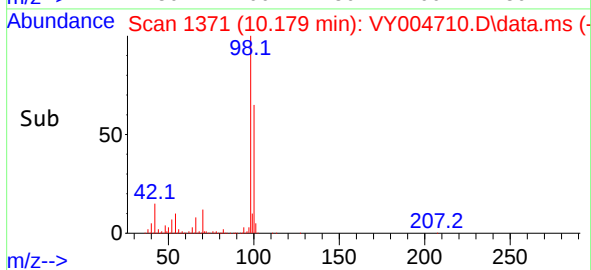
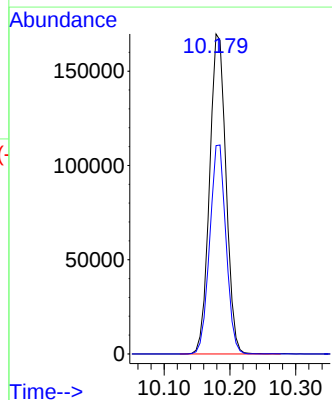
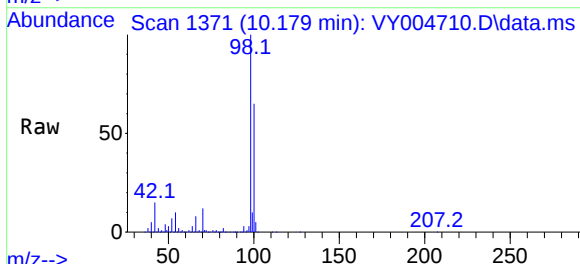
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	123.8
192	19.8	16.1	24.1

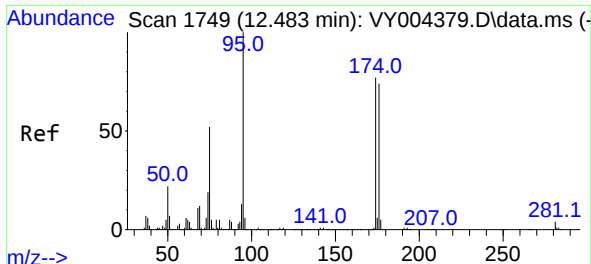


#50
Toluene-d8
Concen: 51.45 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

Tgt Ion: 98 Resp: 295081

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.8	77.6

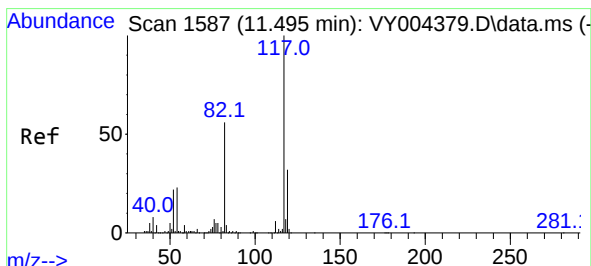
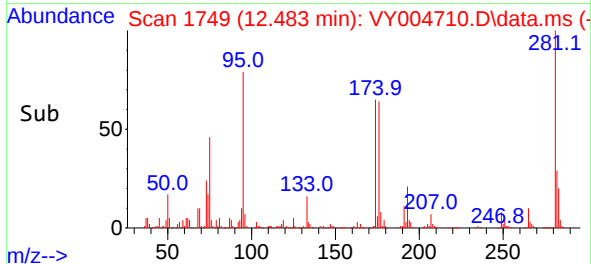
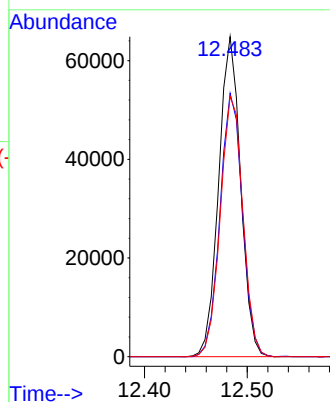
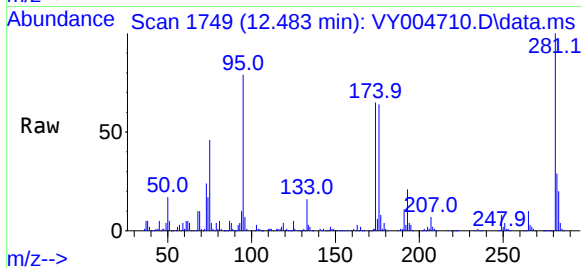




#62
4-Bromofluorobenzene
Concen: 49.31 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

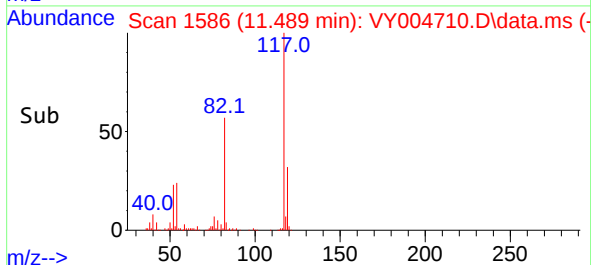
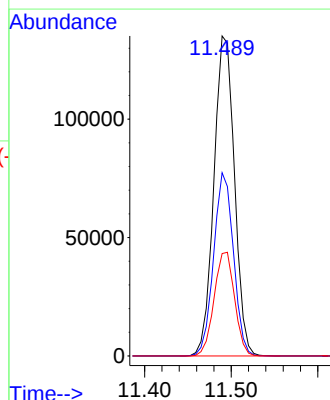
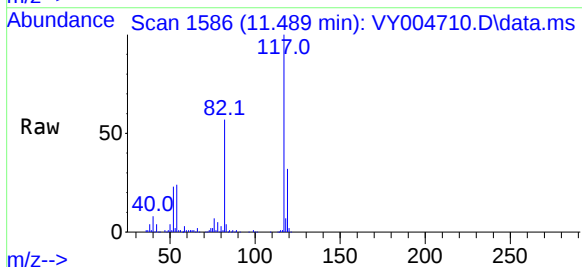
Instrument :
MSVOA_Y
ClientSampleId :
11991

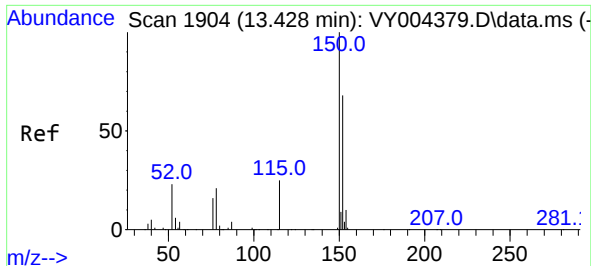
Tgt Ion:	95	Resp:	95966
Ion Ratio	Lower	Upper	
95	100		
174	84.3	0.0	162.4
176	83.7	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004710.D
Acq: 04 May 2021 13:12

Tgt Ion:	117	Resp:	223061
Ion Ratio	Lower	Upper	
117	100		
82	57.3	44.9	67.3
119	32.0	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: VY004710.D
 Acq: 04 May 2021 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:152 Resp: 91970

Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.6	88.8
150	158.7	0.0	348.4

