

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004521.D
 Acq On : 20 Apr 2021 12:15
 Operator : SY/MD
 Sample : M2076-19
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-19-0-2.0

Quant Time: Apr 21 08:49:34 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)

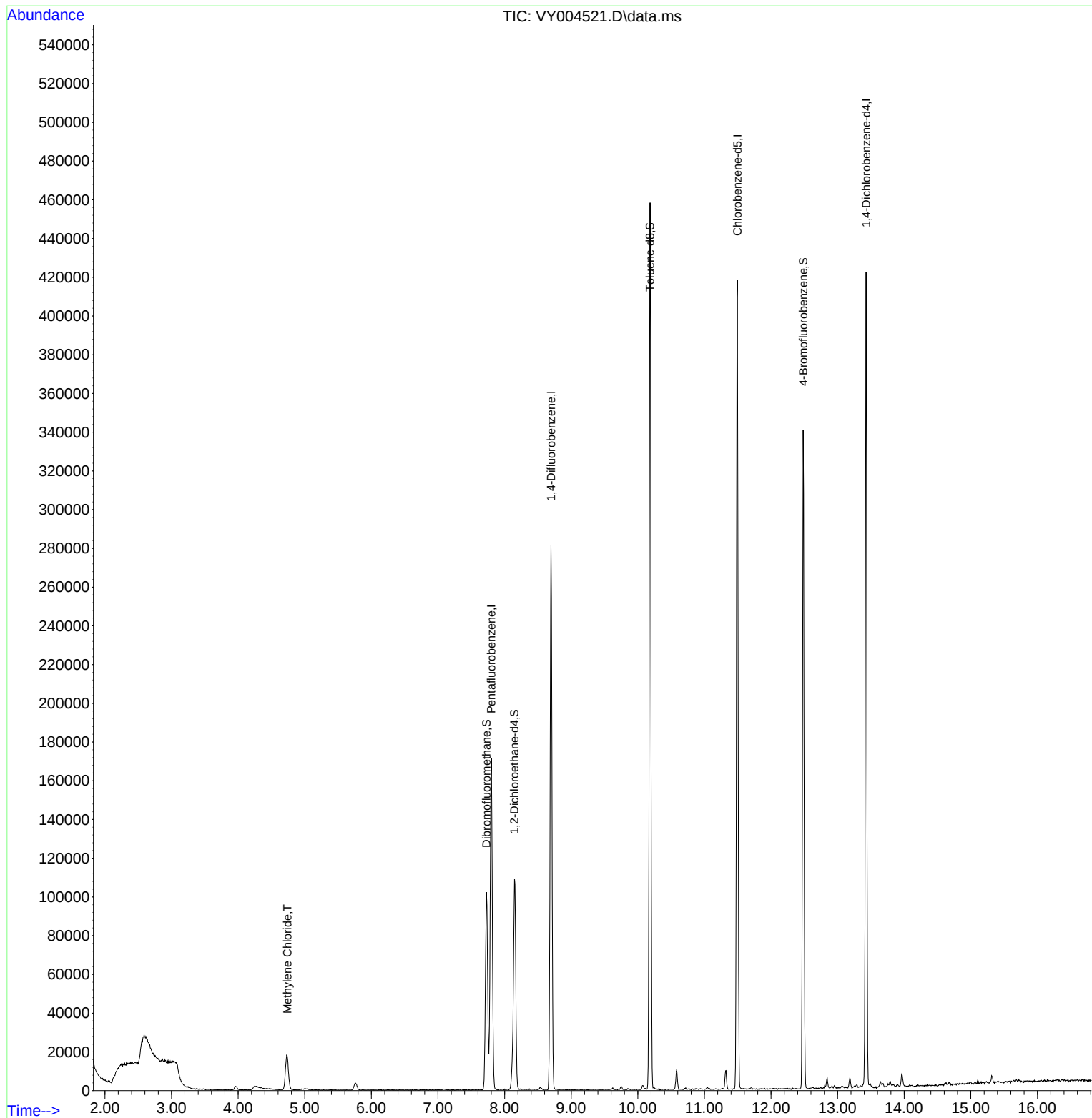
Internal Standards						
1) Pentafluorobenzene	7.801	168	128266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	227263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	214672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81309	57.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.10%
35) Dibromofluoromethane	7.728	113	69102	54.79	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.58%
50) Toluene-d8	10.185	98	278490	51.91	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.82%
62) 4-Bromofluorobenzene	12.483	95	93173	51.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.36%
Target Compounds						
20) Methylene Chloride	4.741	84	12915	9.38	ug/l	Qvalue 92

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

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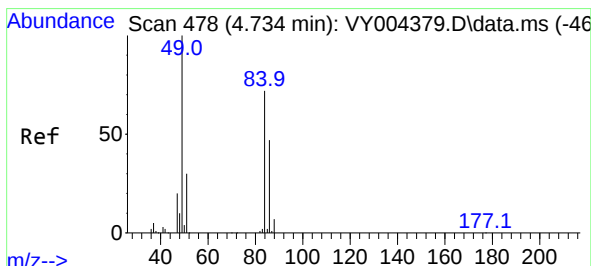
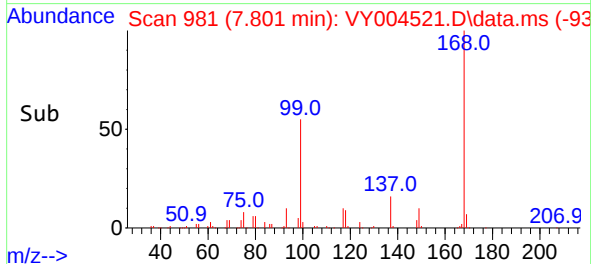
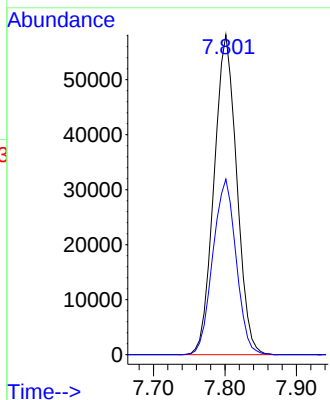
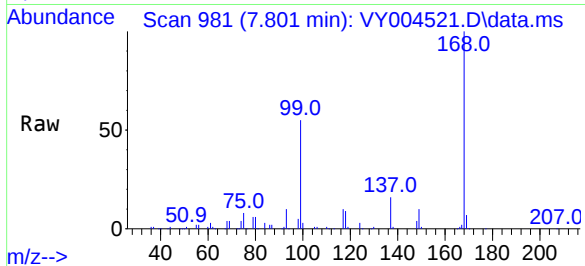




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004521.D
Acq: 20 Apr 2021 12:15

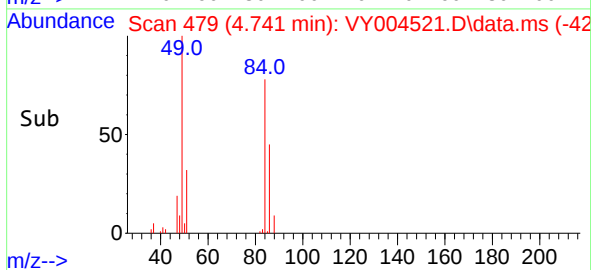
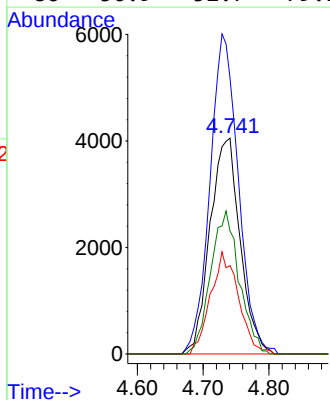
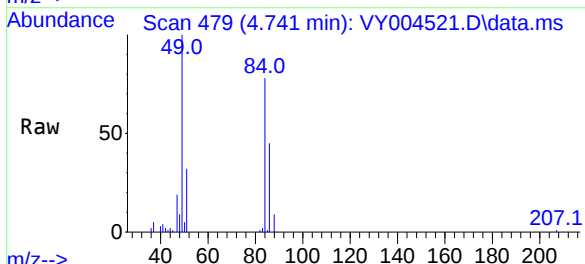
Instrument :
MSVOA_Y
ClientSampleId :
SB-19-0-2.0

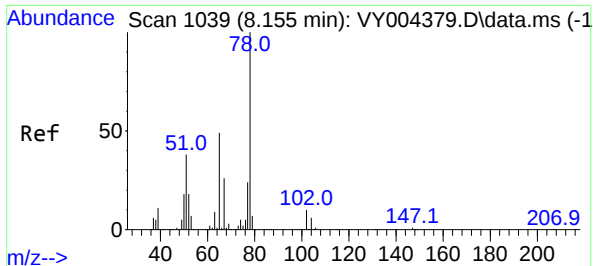
Tgt Ion:168 Resp: 128266
Ion Ratio Lower Upper
168 100
99 54.9 45.5 68.3



#20
Methylene Chloride
Concen: 9.38 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004521.D
Acq: 20 Apr 2021 12:15

Tgt Ion: 84 Resp: 12915
Ion Ratio Lower Upper
84 100
49 127.8 111.2 166.8
51 41.0 33.4 50.2
86 56.9 52.7 79.1

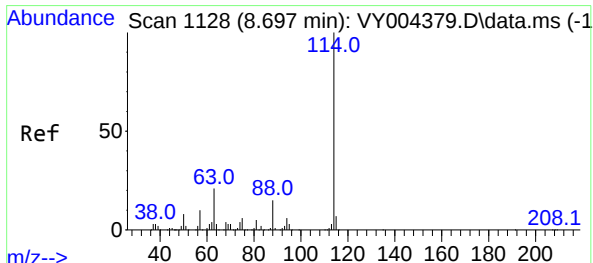
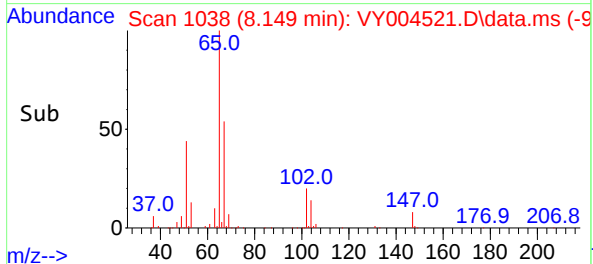
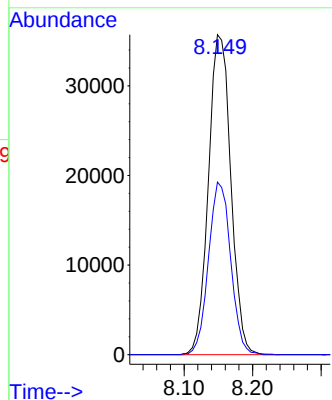
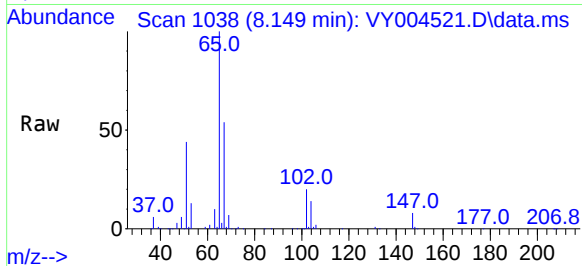




#33
1,2-Dichloroethane-d4
Concen: 57.05 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004521.D
Acq: 20 Apr 2021 12:15

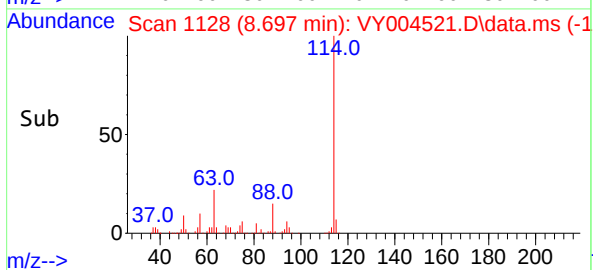
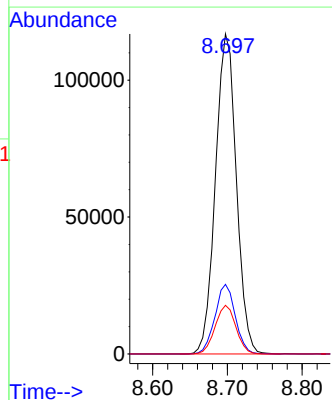
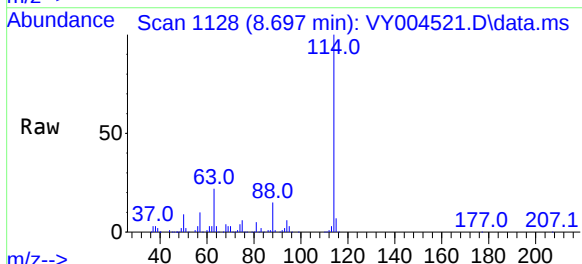
Instrument :
MSVOA_Y
ClientSampleId :
SB-19-0-2.0

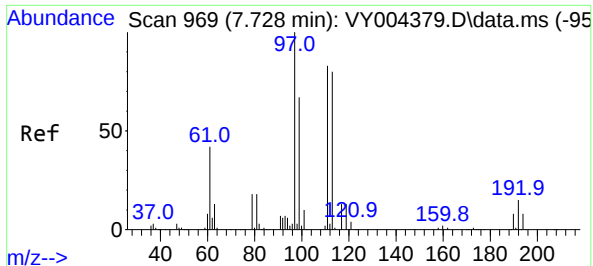
Tgt Ion: 65 Resp: 81309
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004521.D
Acq: 20 Apr 2021 12:15

Tgt Ion:114 Resp: 227263
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.4
88 15.2 0.0 30.8

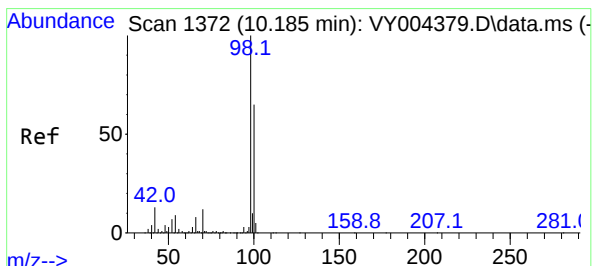
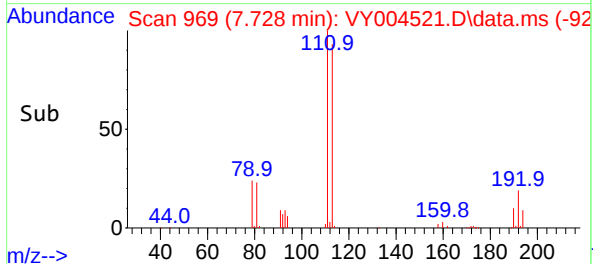
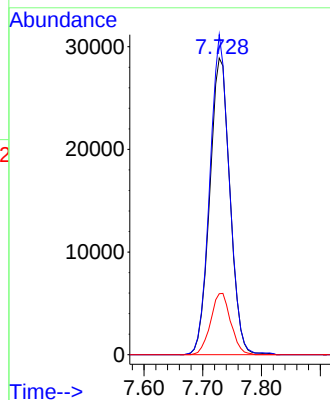
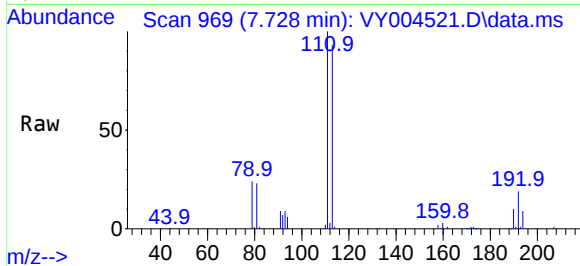




#35
Dibromofluoromethane
Concen: 54.79 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004521.D
Acq: 20 Apr 2021 12:15

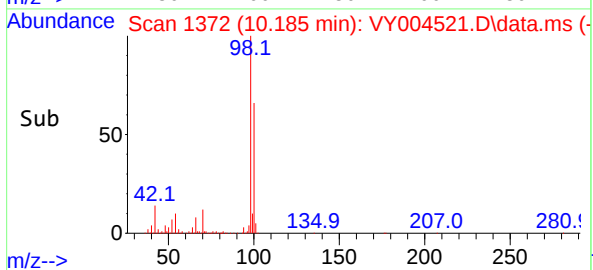
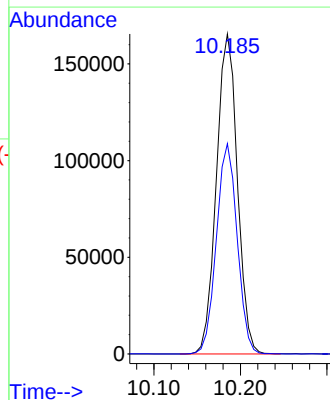
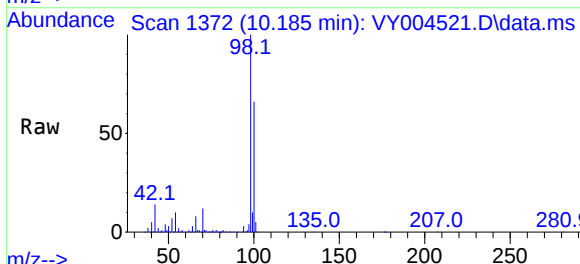
Instrument :
MSVOA_Y
ClientSampleId :
SB-19-0-2.0

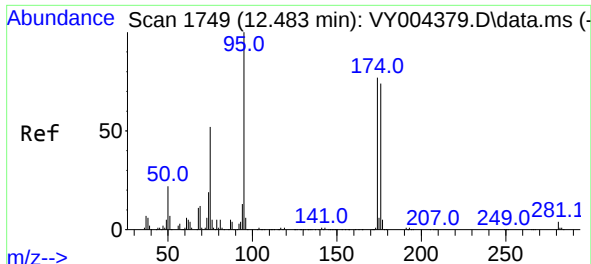
Tgt Ion:	113	Resp:	69102
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	123.8
192	20.5	16.1	24.1



#50
Toluene-d8
Concen: 51.91 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004521.D
Acq: 20 Apr 2021 12:15

Tgt Ion:	98	Resp:	278490
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.8	77.6



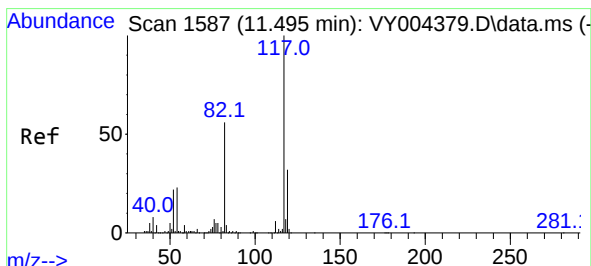
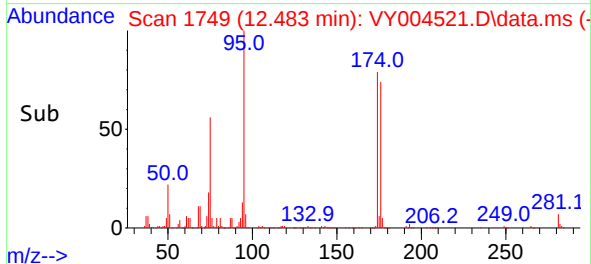
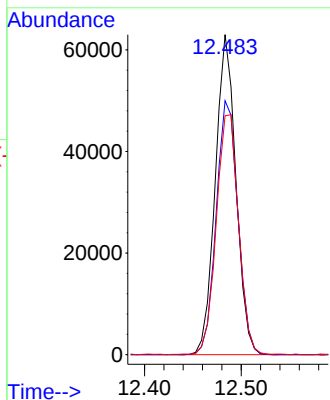
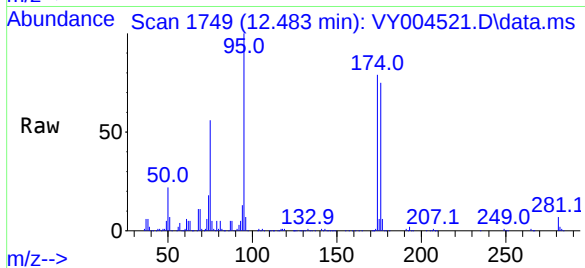


#62
4-Bromofluorobenzene
Concen: 51.18 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004521.D
Acq: 20 Apr 2021 12:15

Instrument :
MSVOA_Y
ClientSampleId :
SB-19-0-2.0

Tgt Ion: 95 Resp: 93173

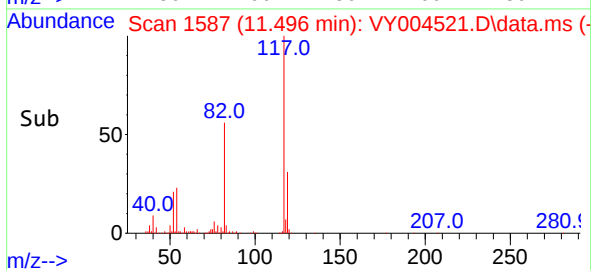
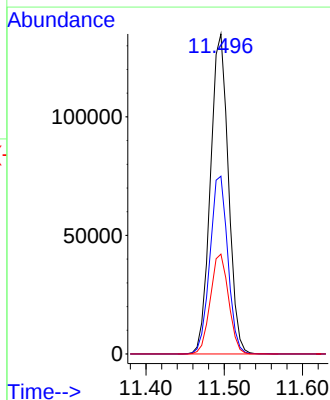
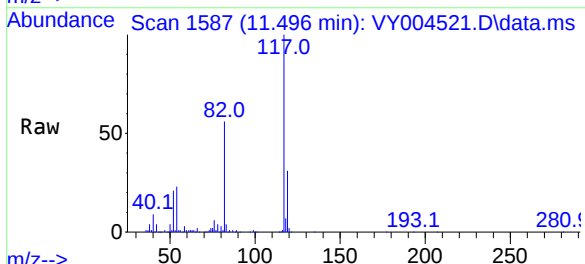
Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	162.4
176	81.2	0.0	156.0

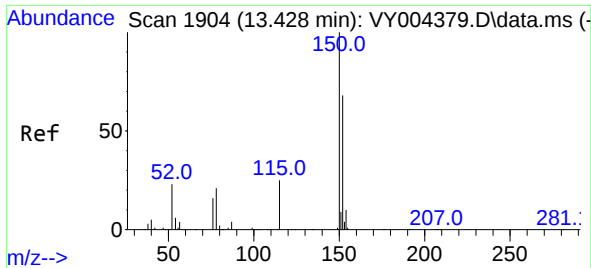


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004521.D
Acq: 20 Apr 2021 12:15

Tgt Ion: 117 Resp: 214672

Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.9	67.3
119	31.2	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: VY004521.D
 Acq: 20 Apr 2021 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-19-0-2.0

Tgt Ion:152	Resp:	96344
Ion	Ratio	Lower Upper
152	100	
115	58.6	29.6 88.8
150	156.9	0.0 348.4

