

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006346.D
 Acq On : 07 Oct 2021 20:55
 Operator : SY/MD
 Sample : M4117-19
 Misc : 4.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(9.5-10.0)

Quant Time: Oct 08 07:15:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

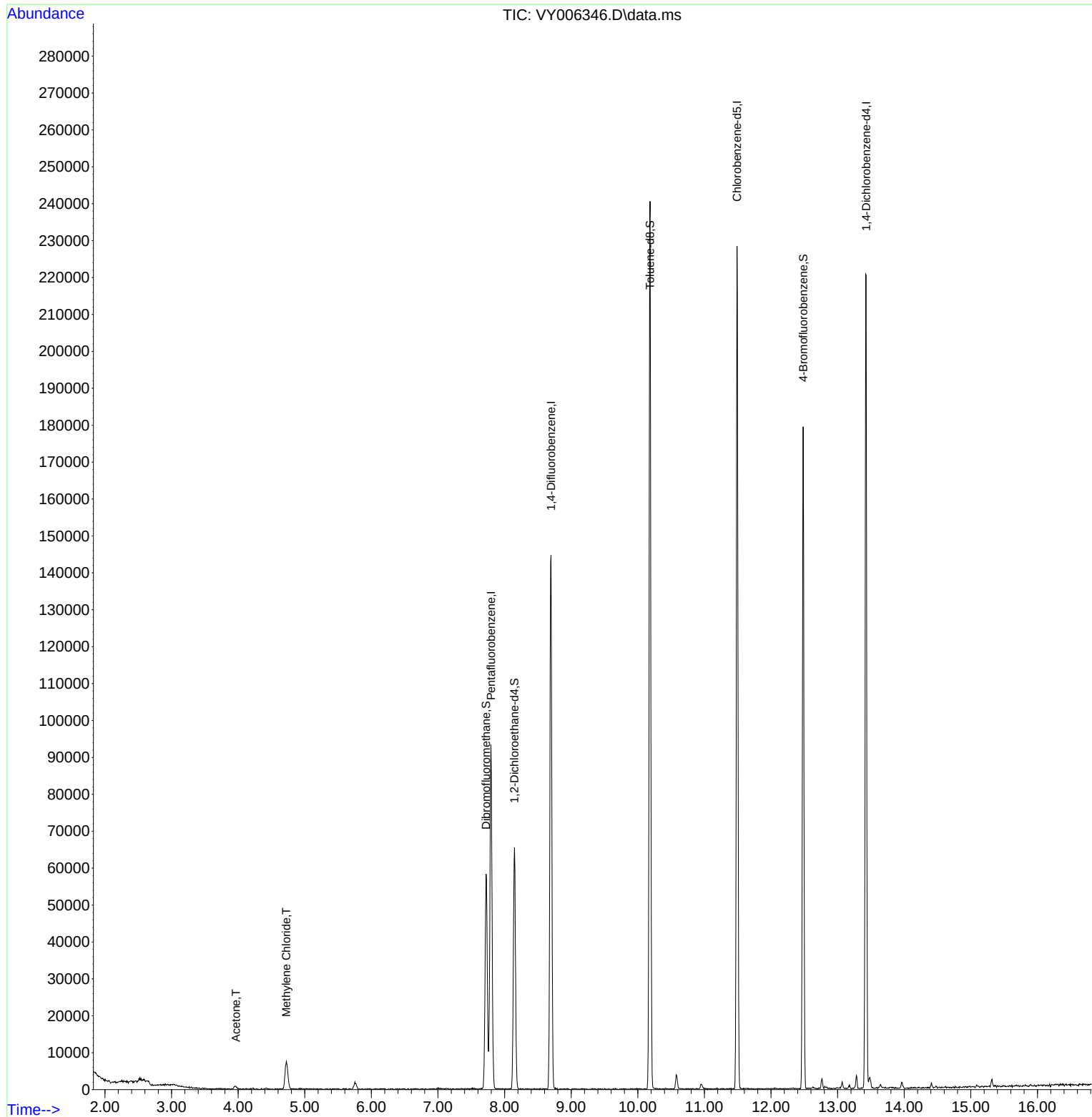
Internal Standards						
1) Pentafluorobenzene	7.795	168	72342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	122094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	120437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	54269	70.09	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.18%
35) Dibromofluoromethane	7.722	113	38490	59.01	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.02%
50) Toluene-d8	10.185	98	155311	56.89	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.78%
62) 4-Bromofluorobenzene	12.483	95	49168	53.02	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.04%
Target Compounds						Qvalue
16) Acetone	3.966	43	1602	7.41	ug/l	92
20) Methylene Chloride	4.722	84	5501	3.93	ug/l	83

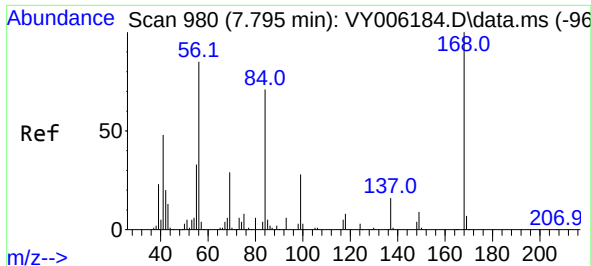
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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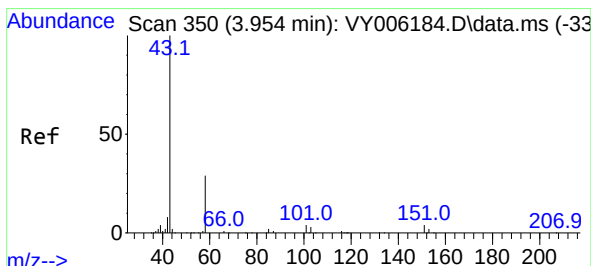
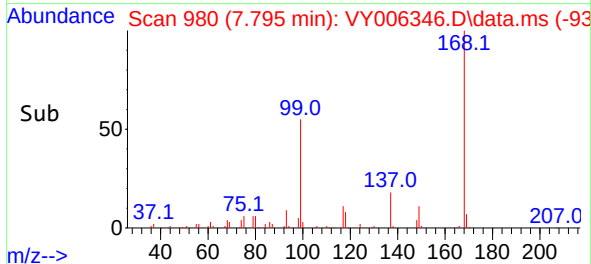
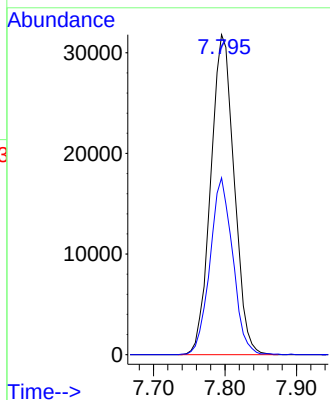
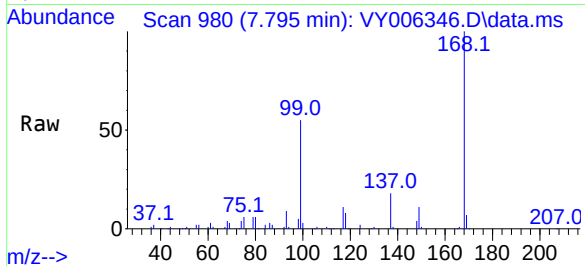




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

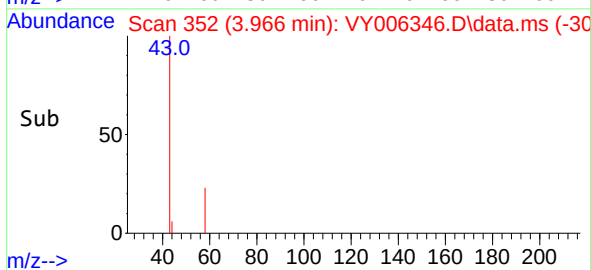
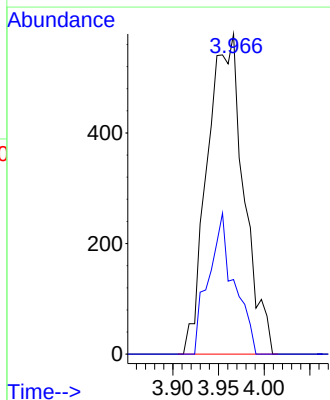
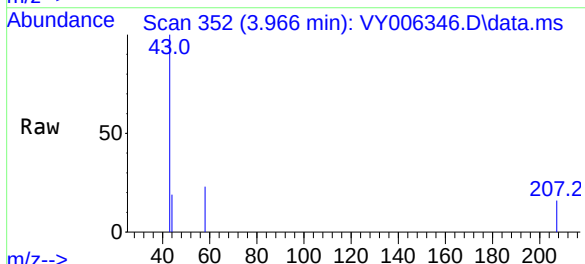
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(9.5-10.0)

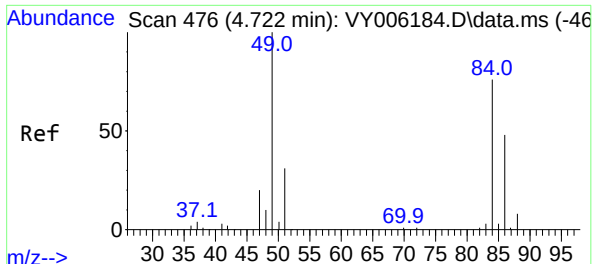
Tgt Ion:168 Resp: 72342
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#16
Acetone
Concen: 7.41 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

Tgt Ion: 43 Resp: 1602
Ion Ratio Lower Upper
43 100
58 23.3 22.0 33.0



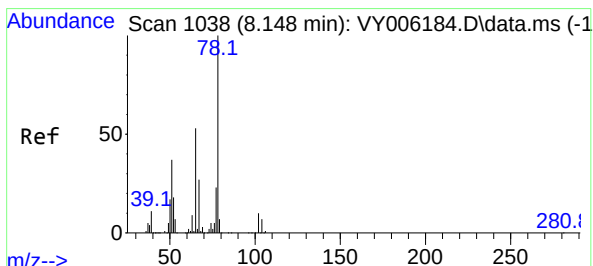
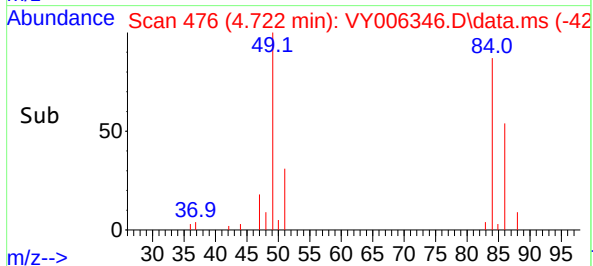
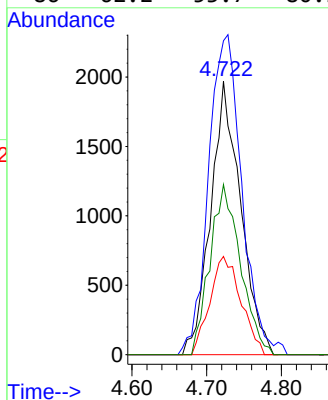
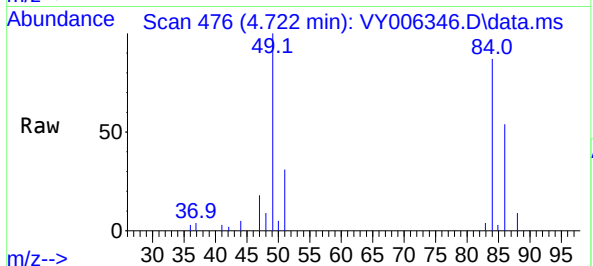


#20
Methylene Chloride
Concen: 3.93 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

Instrument :
MSVOA_Y
ClientSampleId :
SB-5(9.5-10.0)

Tgt Ion: 84 Resp: 5501

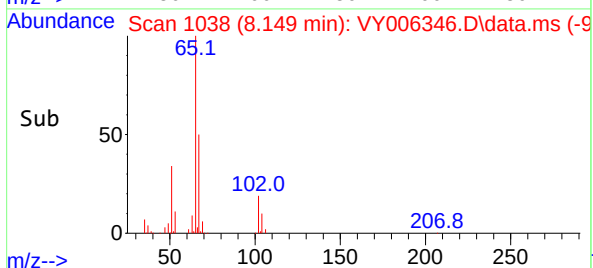
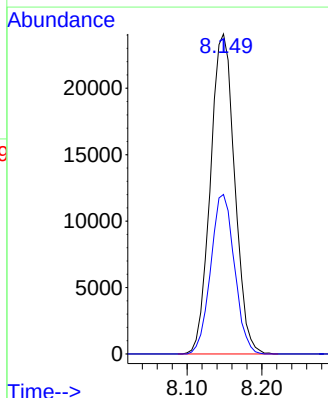
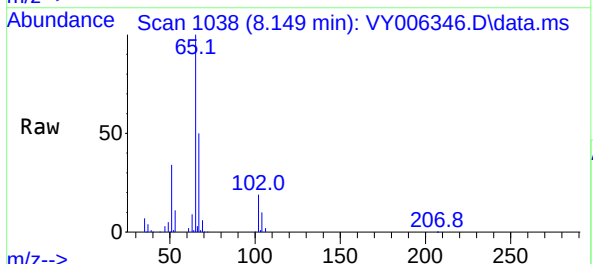
Ion	Ratio	Lower	Upper
84	100		
49	114.8	114.4	171.6
51	35.9	35.3	52.9
86	62.2	53.7	80.5

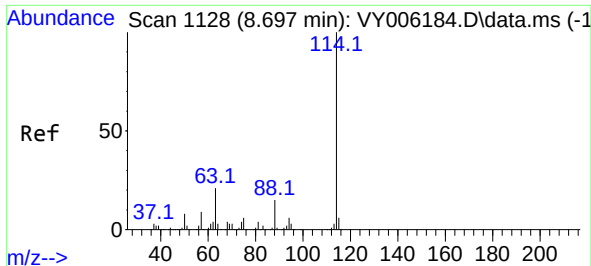


#33
1,2-Dichloroethane-d4
Concen: 70.09 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

Tgt Ion: 65 Resp: 54269

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	99.4

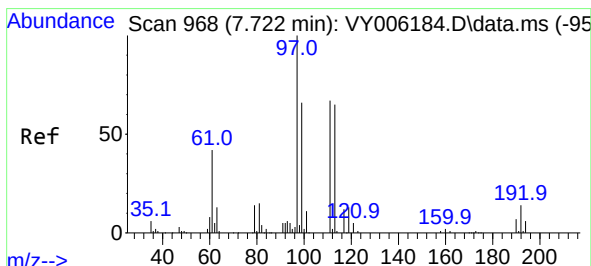
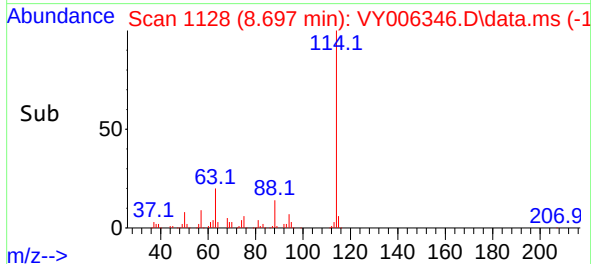
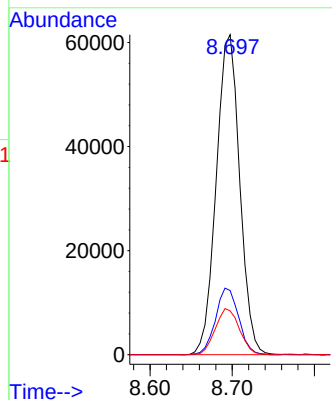
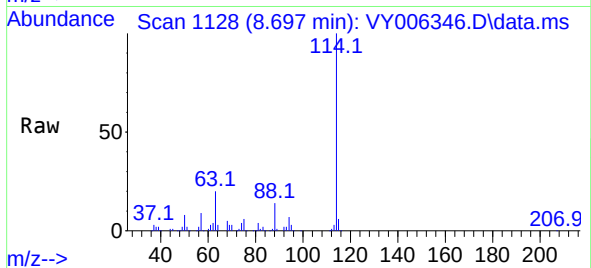




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

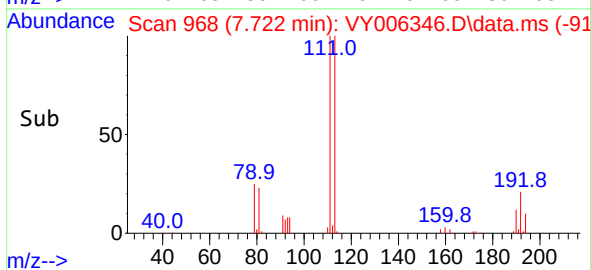
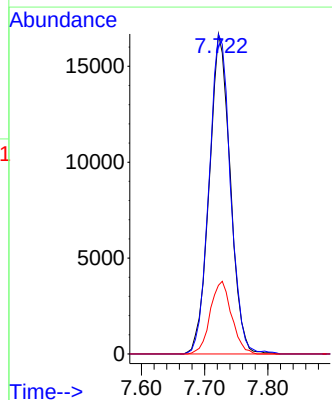
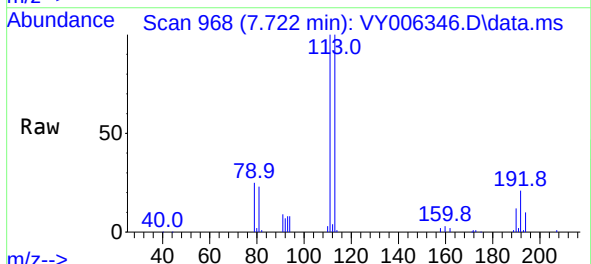
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(9.5-10.0)

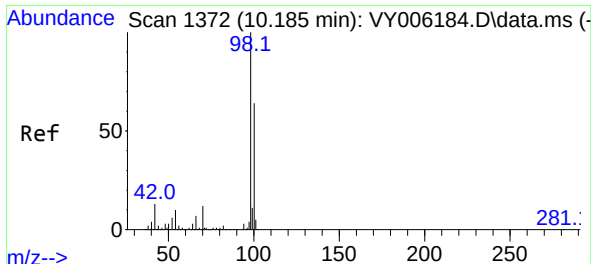
Tgt Ion:	114	Resp:	122094
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.2
88	13.7	0.0	31.8



#35
Dibromofluoromethane
Concen: 59.01 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

Tgt Ion:	113	Resp:	38490
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	124.0
192	23.0	17.6	26.4

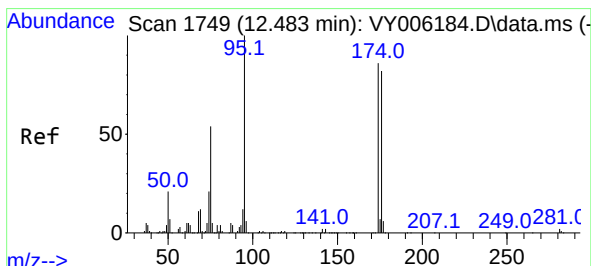
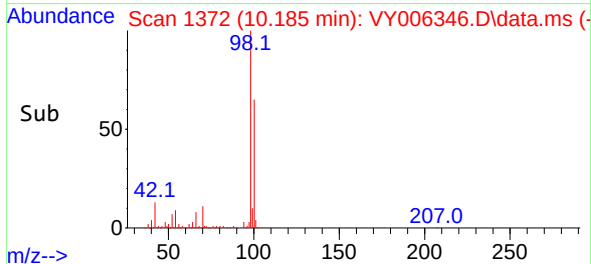
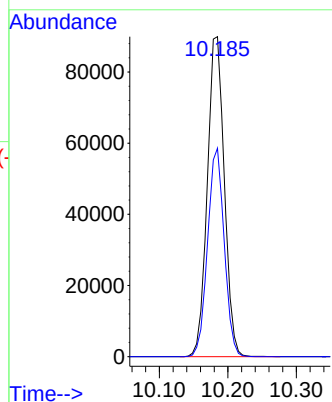
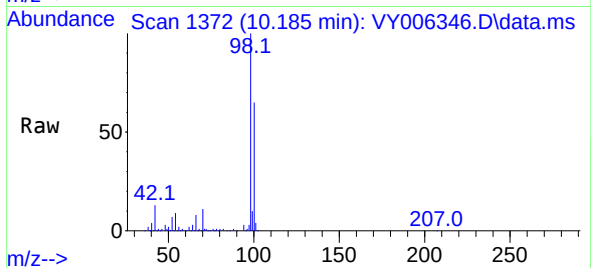




#50
Toluene-d8
Concen: 56.89 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

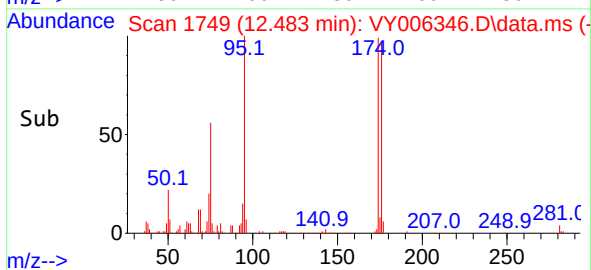
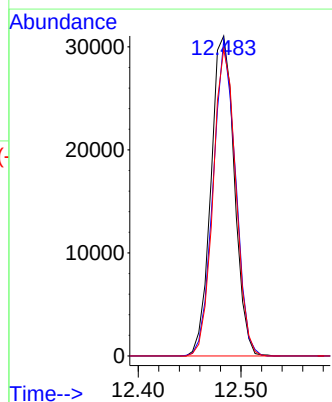
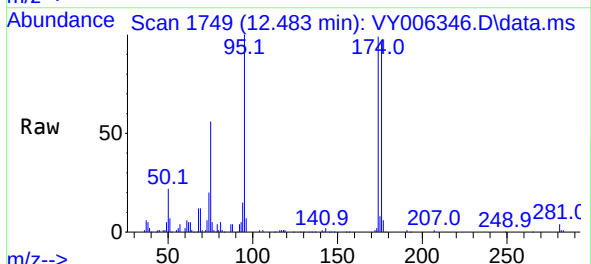
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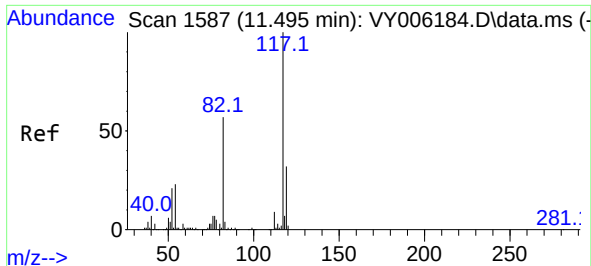
Tgt Ion: 98 Resp: 155311
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.02 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

Tgt Ion: 95 Resp: 49168
Ion Ratio Lower Upper
95 100
174 94.1 0.0 177.0
176 92.4 0.0 175.8

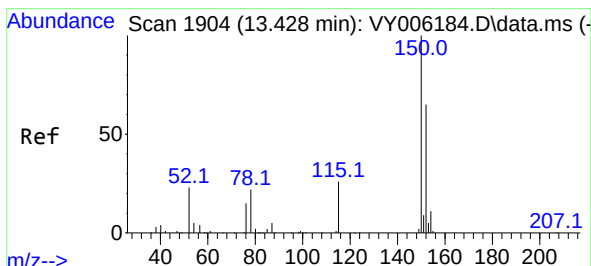
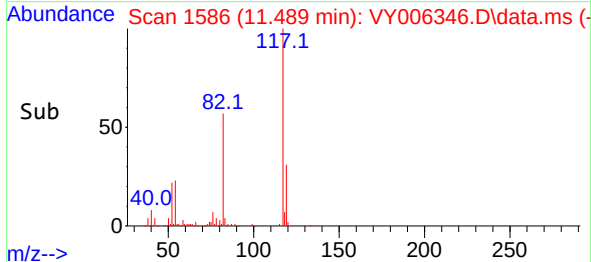
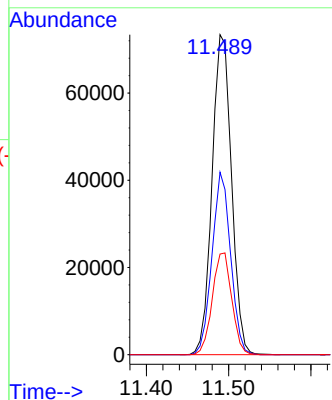
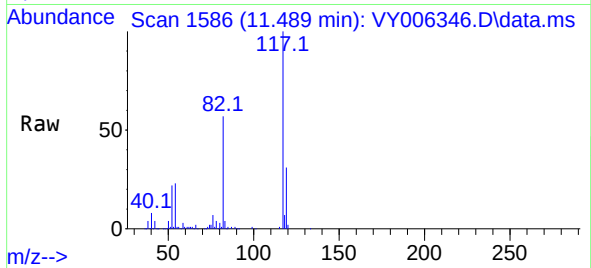




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006346.D
Acq: 07 Oct 2021 20:55

Instrument :
MSVOA_Y
ClientSampleId :
SB-5(9.5-10.0)

Tgt Ion:	117	Resp:	120437
Ion	Ratio	Lower	Upper
117	100		
82	57.0	43.0	64.4
119	31.5	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: VY006346.D
Acq: 07 Oct 2021 20:55

Tgt Ion:	152	Resp:	56747
Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.2	84.7
150	158.4	0.0	347.6

