

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
 Data File : VY004671.D
 Acq On : 29 Apr 2021 19:55
 Operator : SY/MD
 Sample : M2217-04
 Misc : 5.17G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HTRCV2-COMP-CF01-02

Quant Time: Apr 30 04:35:14 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)

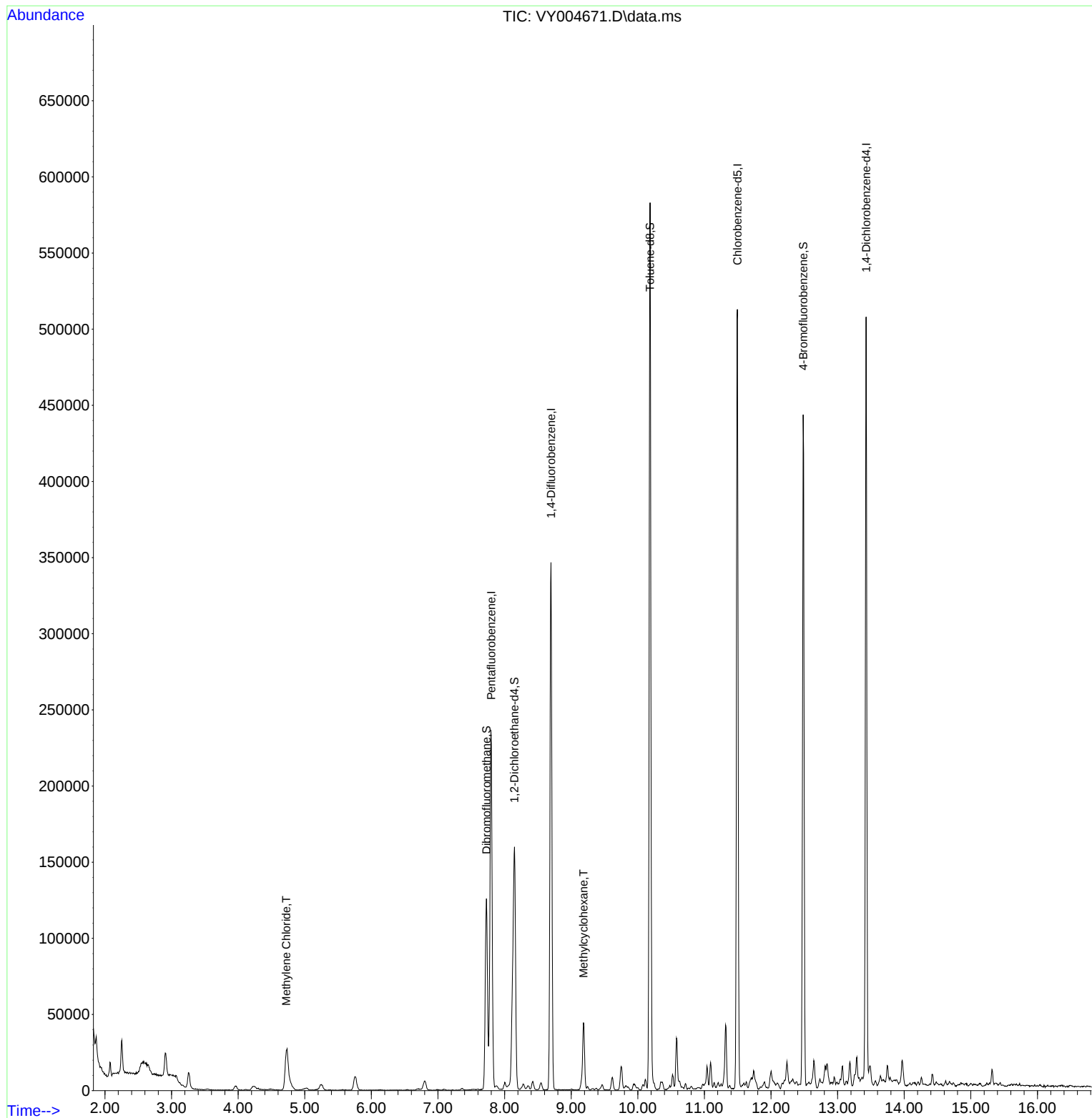
Internal Standards						
1) Pentafluorobenzene	7.801	168	159736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	283349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	267381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117146	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108084	60.90	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.80%	
35) Dibromofluoromethane	7.728	113	85932	54.65	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.30%	
50) Toluene-d8	10.185	98	350267	52.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.74%	
62) 4-Bromofluorobenzene	12.483	95	119625	52.70	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.40%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.722	84	18609	10.86	ug/l	92
39) Methylcyclohexane	9.185	83	17766	5.13	ug/l	95

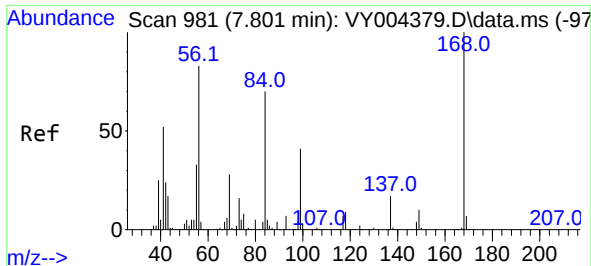
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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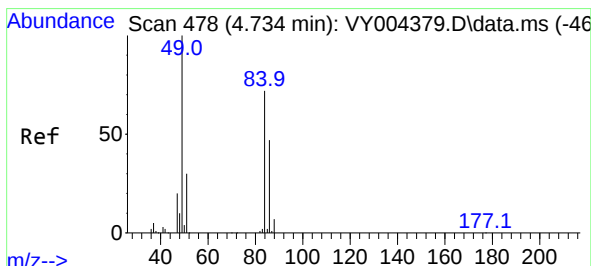
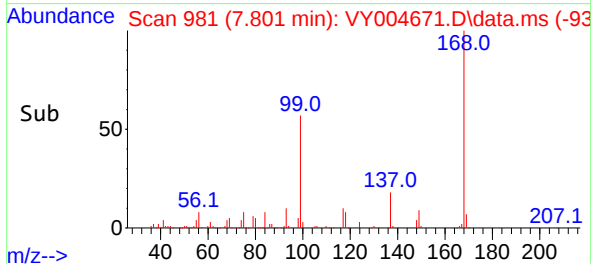
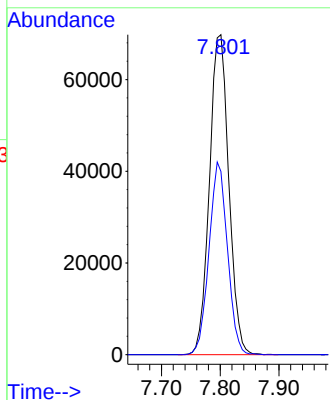
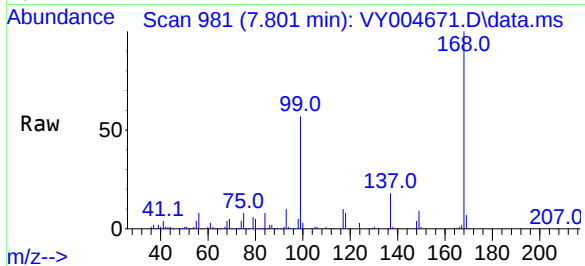




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004671.D
Acq: 29 Apr 2021 19:55

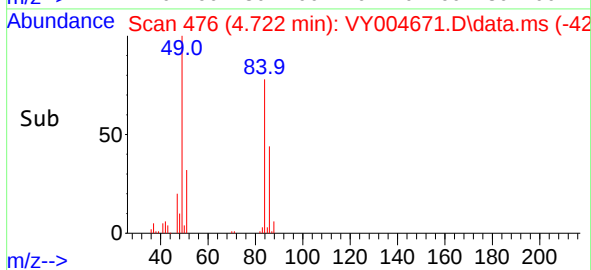
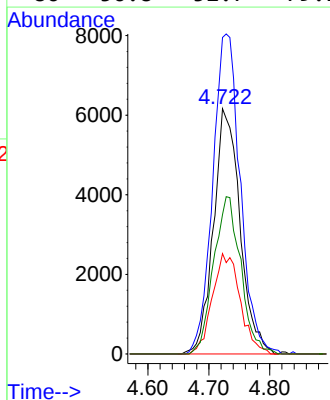
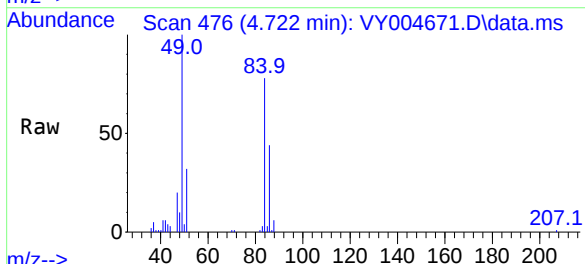
Instrument :
MSVOA_Y
ClientSampleId :
HTCRV2-COMP-CF01-02

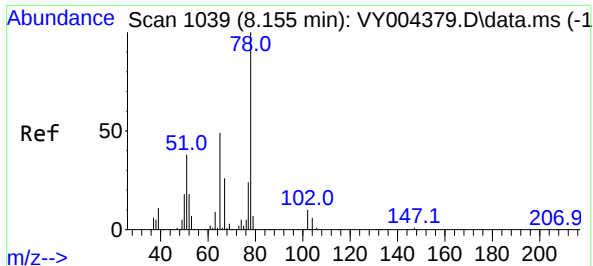
Tgt Ion:168 Resp: 159736
Ion Ratio Lower Upper
168 100
99 57.3 45.5 68.3



#20
Methylene Chloride
Concen: 10.86 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004671.D
Acq: 29 Apr 2021 19:55

Tgt Ion: 84 Resp: 18609
Ion Ratio Lower Upper
84 100
49 129.0 111.2 166.8
51 40.9 33.4 50.2
86 56.8 52.7 79.1

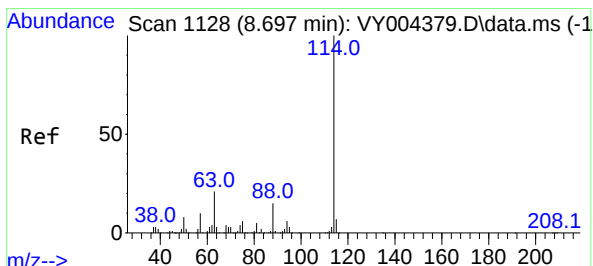
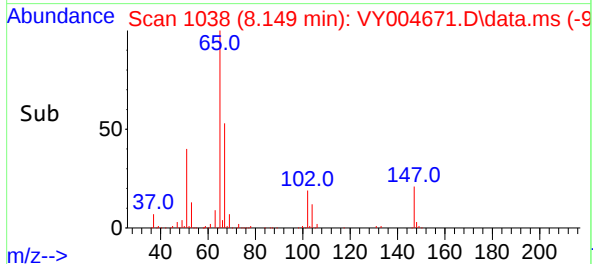
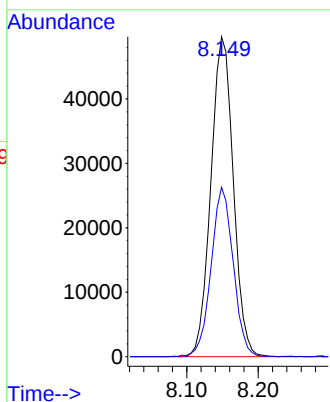
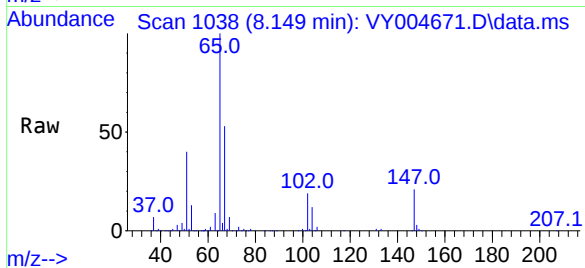




#33
1,2-Dichloroethane-d4
Concen: 60.90 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004671.D
Acq: 29 Apr 2021 19:55

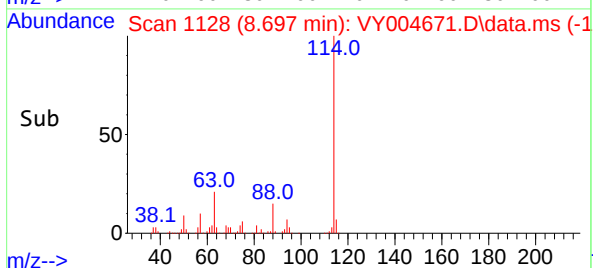
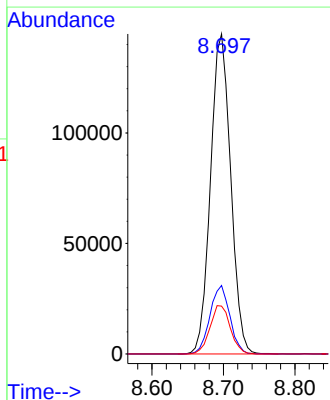
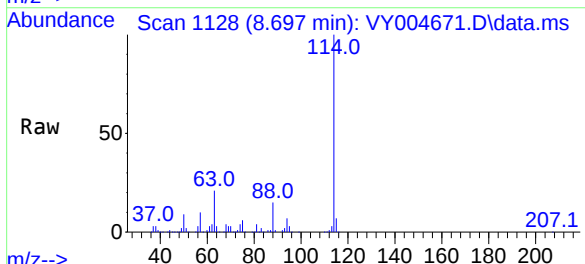
Instrument :
MSVOA_Y
ClientSampleId :
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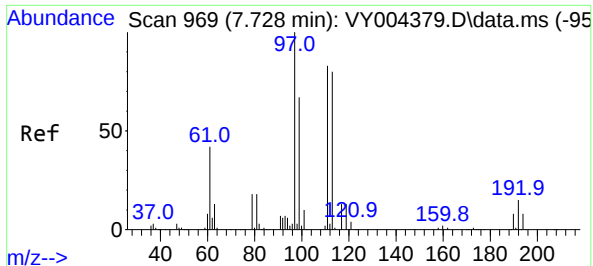
Tgt Ion: 65 Resp: 108084
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004671.D
Acq: 29 Apr 2021 19:55

Tgt Ion: 114 Resp: 283349
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.4
88 14.9 0.0 30.8

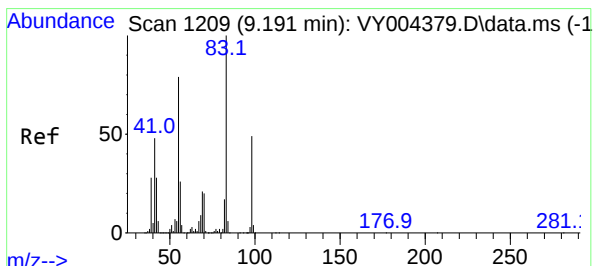
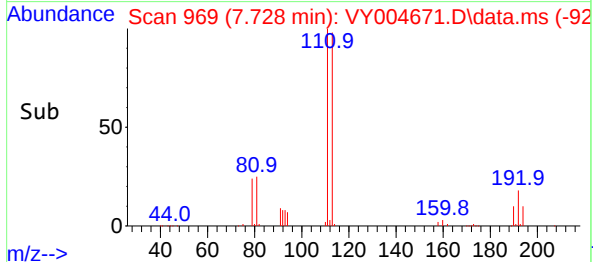
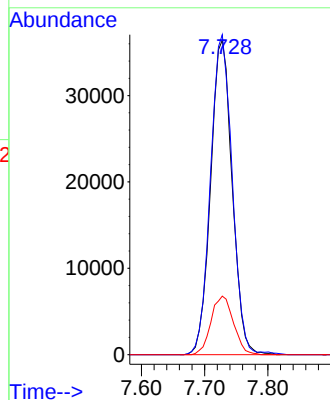
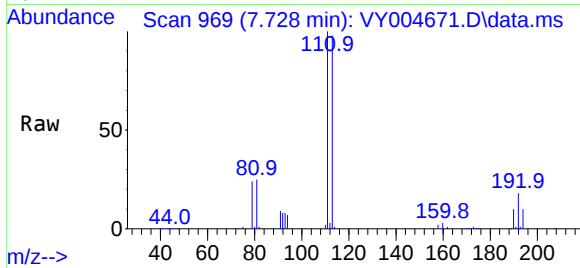




#35
Dibromofluoromethane
Concen: 54.65 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004671.D
Acq: 29 Apr 2021 19:55

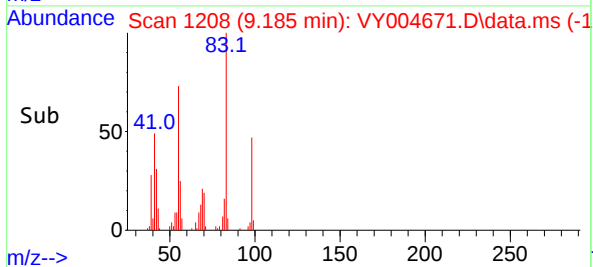
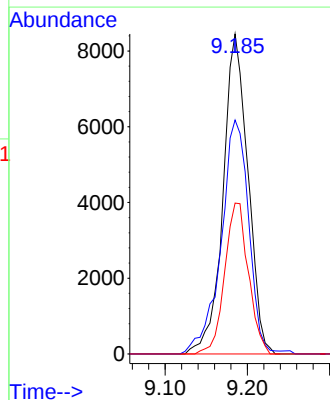
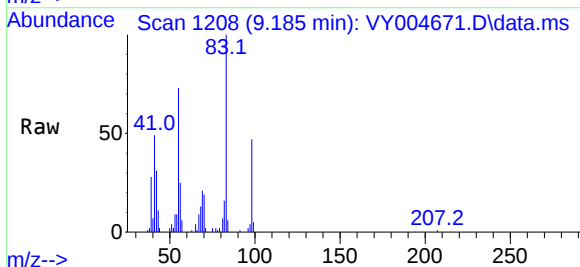
Instrument :
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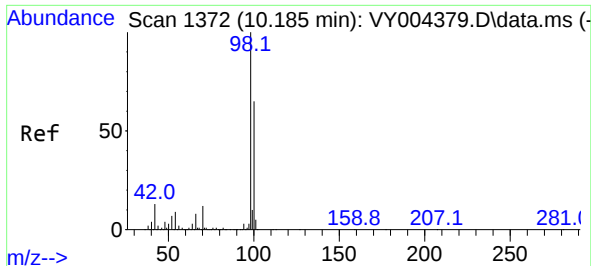
Tgt Ion:	113	Resp:	85932
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	19.4	16.1	24.1



#39
Methylcyclohexane
Concen: 5.13 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY004671.D
Acq: 29 Apr 2021 19:55

Tgt Ion:	83	Resp:	17766
Ion	Ratio	Lower	Upper
83	100		
55	73.1	63.0	94.4
98	47.2	39.2	58.8

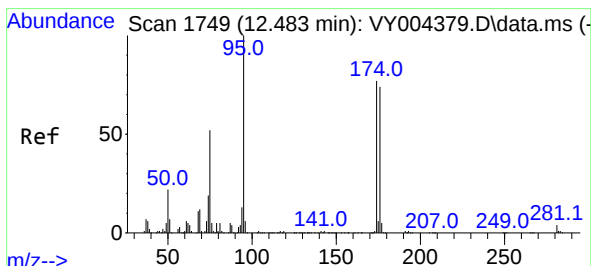
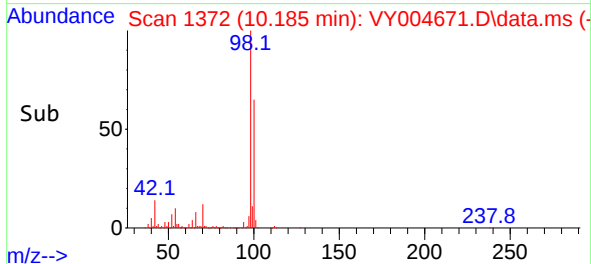
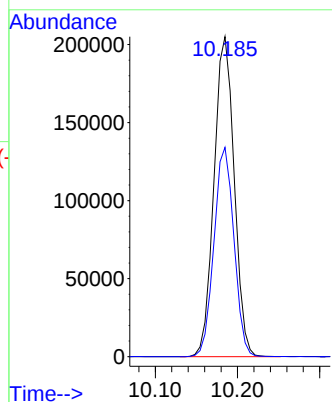
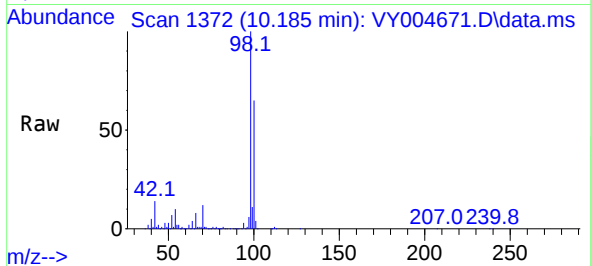




#50
Toluene-d8
Concen: 52.37 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004671.D
Acq: 29 Apr 2021 19:55

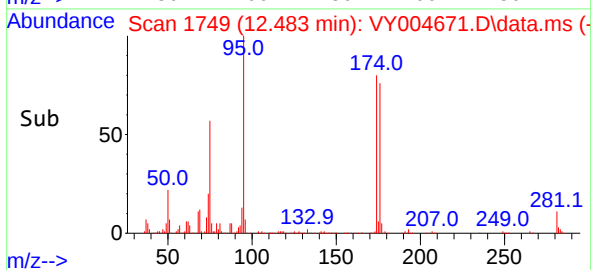
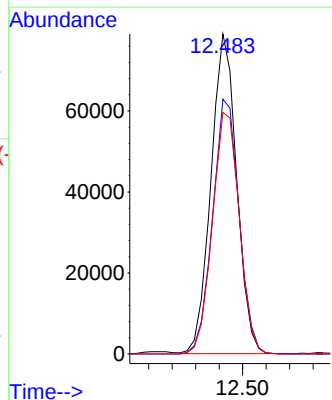
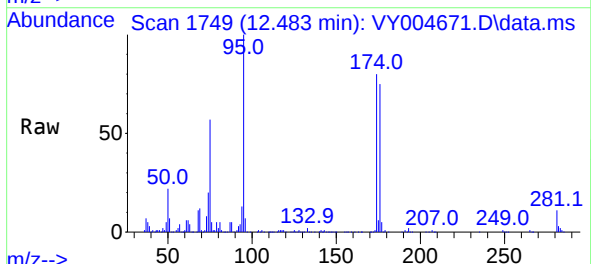
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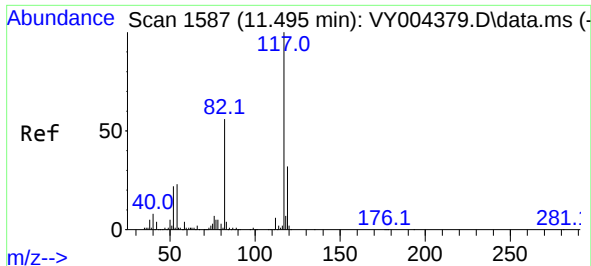
Tgt Ion: 98 Resp: 350267
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.70 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004671.D
Acq: 29 Apr 2021 19:55

Tgt Ion: 95 Resp: 119625
Ion Ratio Lower Upper
95 100
174 81.9 0.0 162.4
176 79.1 0.0 156.0

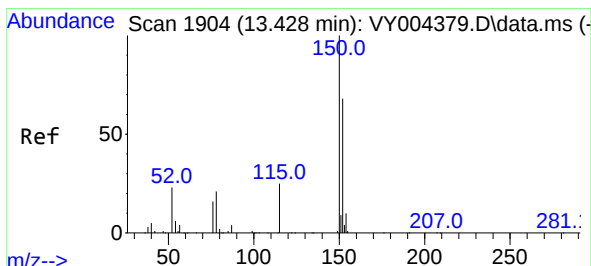
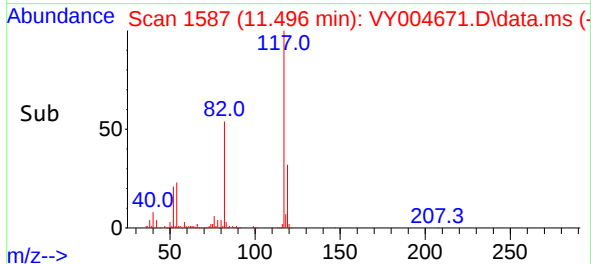
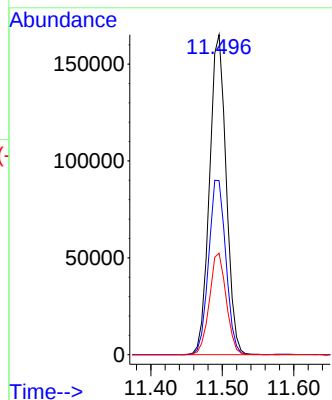
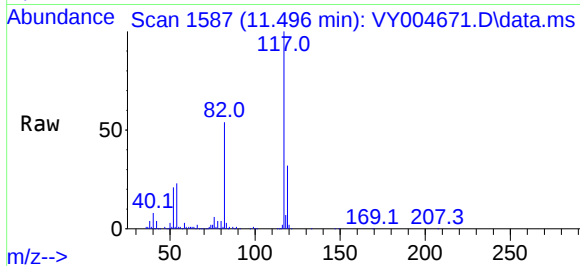




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004671.D
Acq: 29 Apr 2021 19:55

Instrument :
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ClientSampleId :
HTCRV2-COMP-CF01-02

Tgt Ion:	117	Resp:	267381
Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.9	67.3
119	31.6	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: VY004671.D
Acq: 29 Apr 2021 19:55

Tgt Ion:	152	Resp:	117146
Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.6	88.8
150	158.3	0.0	348.4

