

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
 Data File : VY004673.D
 Acq On : 29 Apr 2021 20:41
 Operator : SY/MD
 Sample : M2217-06
 Misc : 4.92G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HTRCV2-COMP-CF03-01

Quant Time: Apr 30 04:35:32 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)

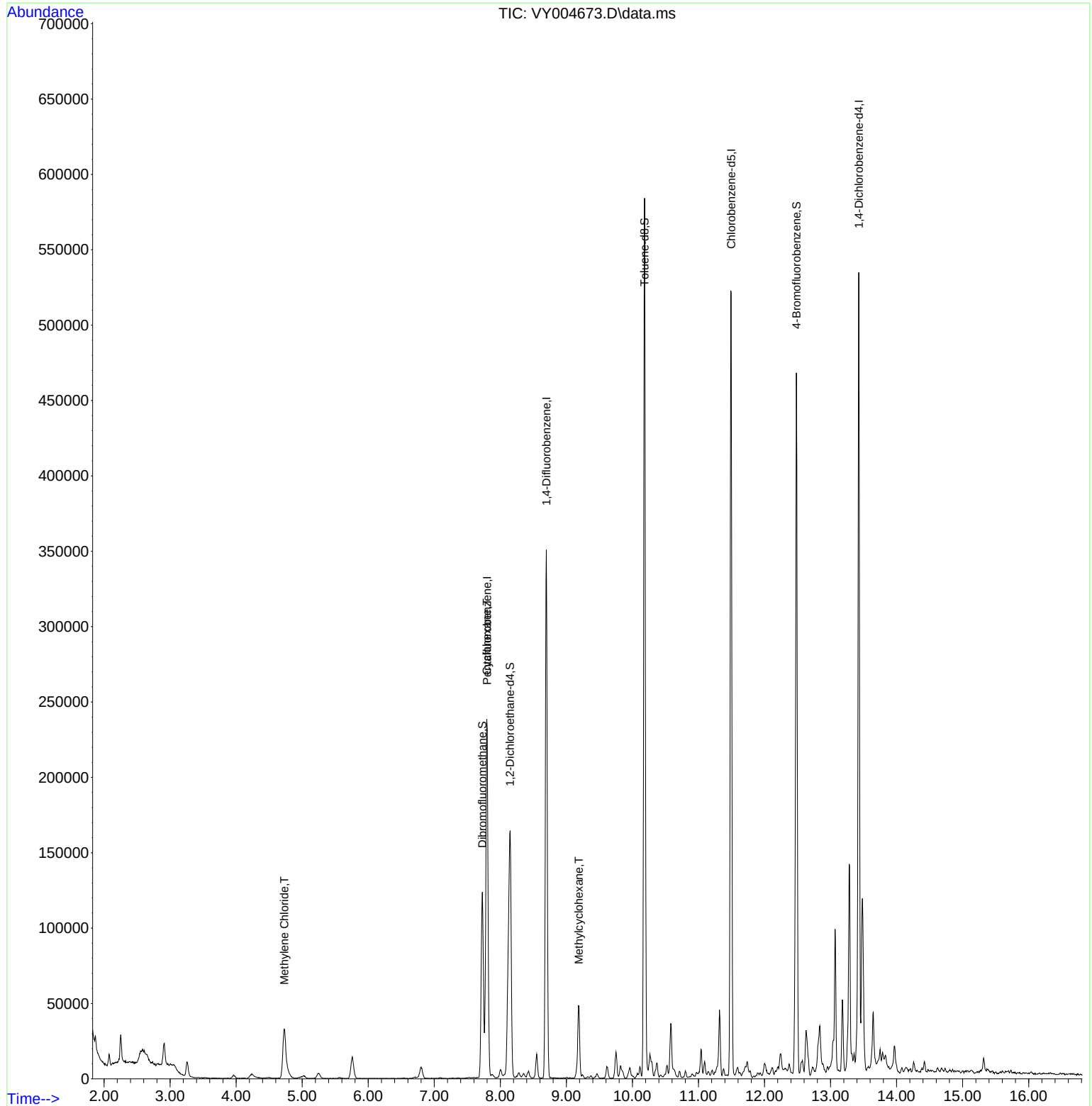
Internal Standards						
1) Pentafluorobenzene	7.801	168	162062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	281496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	269870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	109123	60.60	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.20%			
35) Dibromofluoromethane	7.728	113	83824	53.66	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.32%			
50) Toluene-d8	10.185	98	352659	53.07	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.14%			
62) 4-Bromofluorobenzene	12.483	95	122872	54.49	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.98%			
Target Compounds						Qvalue
20) Methylene Chloride	4.729	84	22564	12.97	ug/l	94
31) Cyclohexane	7.795	56	16351	4.95	ug/l #	80
39) Methylcyclohexane	9.191	83	18822	5.47	ug/l	97

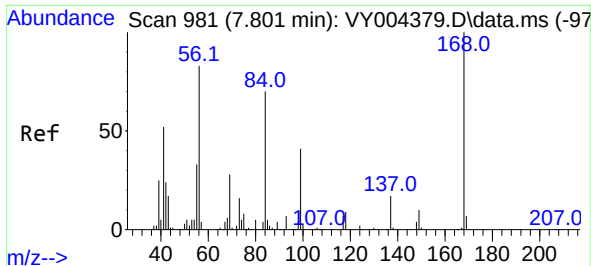
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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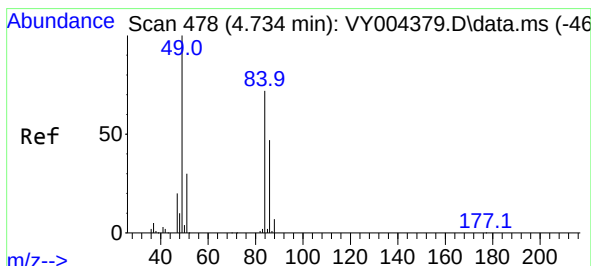
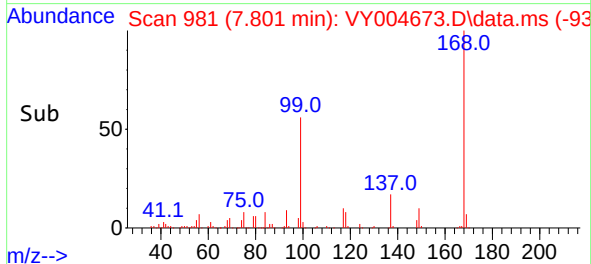
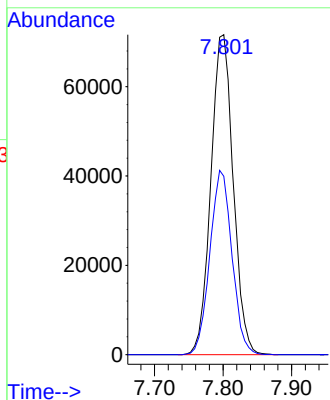
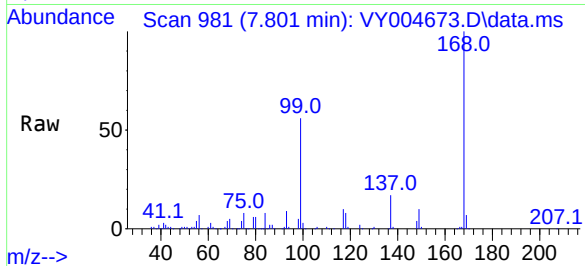




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004673.D
Acq: 29 Apr 2021 20:41

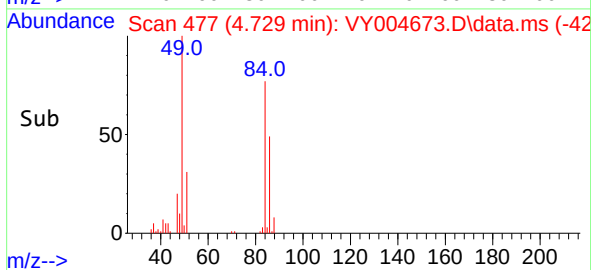
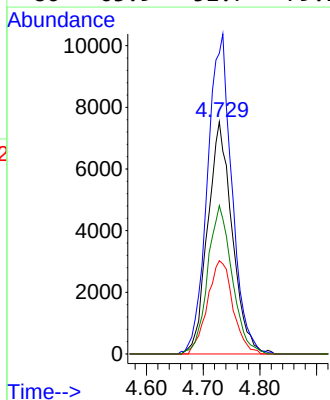
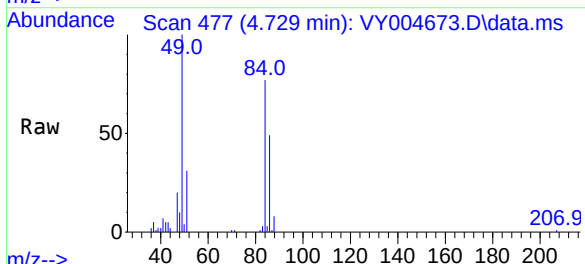
Instrument :
MSVOA_Y
ClientSampleId :
HTCRV2-COMP-CF03-01

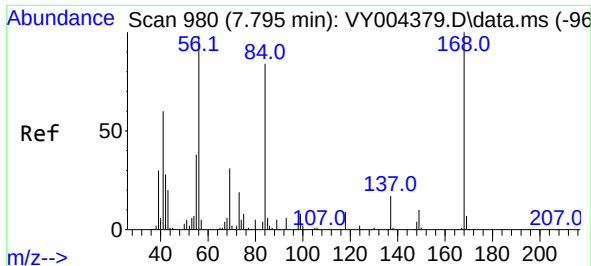
Tgt Ion:168 Resp: 162062
Ion Ratio Lower Upper
168 100
99 55.7 45.5 68.3



#20
Methylene Chloride
Concen: 12.97 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004673.D
Acq: 29 Apr 2021 20:41

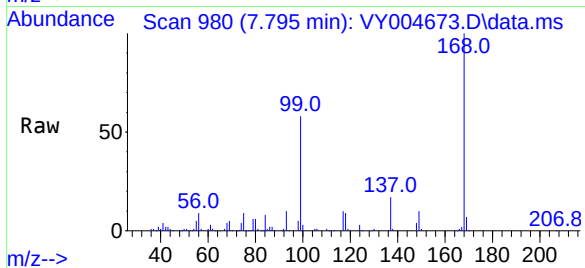
Tgt Ion: 84 Resp: 22564
Ion Ratio Lower Upper
84 100
49 129.5 111.2 166.8
51 40.2 33.4 50.2
86 63.9 52.7 79.1



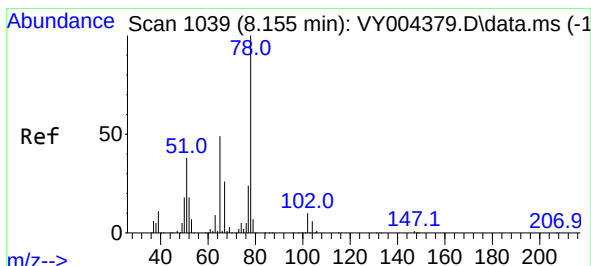
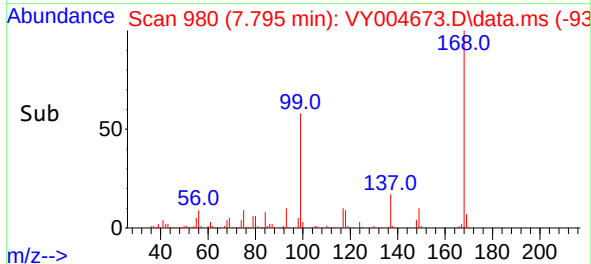
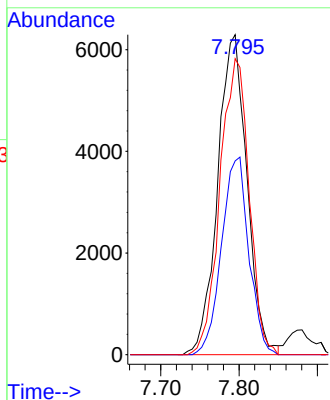


#31
Cyclohexane
Concen: 4.95 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004673.D
Acq: 29 Apr 2021 20:41

Instrument :
MSVOA_Y
ClientSampleId :
HTCRV2-COMP-CF03-01

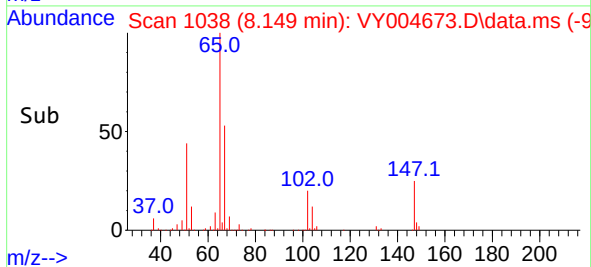
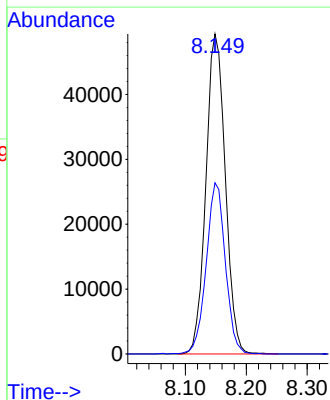
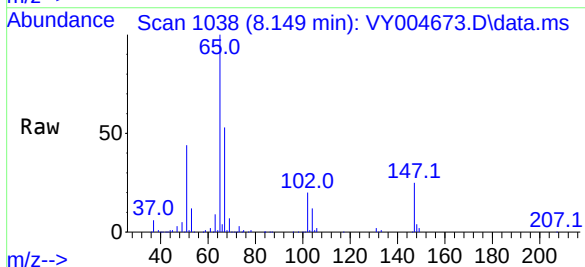


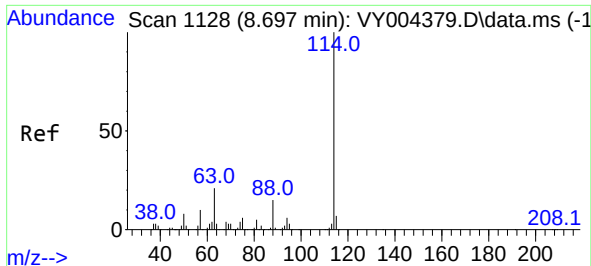
Tgt Ion: 56 Resp: 16351
Ion Ratio Lower Upper
56 100
69 60.5 25.8 38.6#
84 92.5 68.2 102.4



#33
1,2-Dichloroethane-d4
Concen: 60.60 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004673.D
Acq: 29 Apr 2021 20:41

Tgt Ion: 65 Resp: 109123
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.4

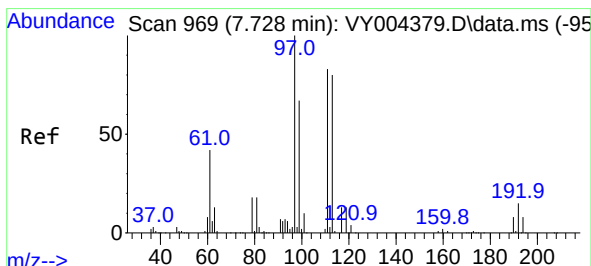
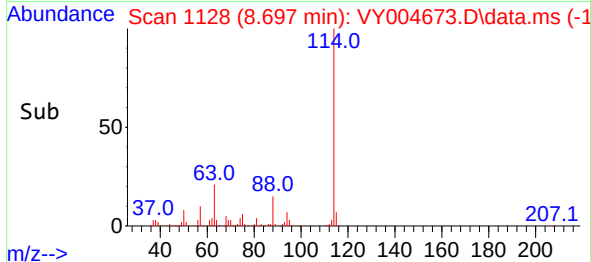
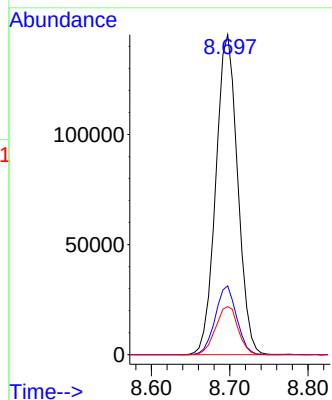
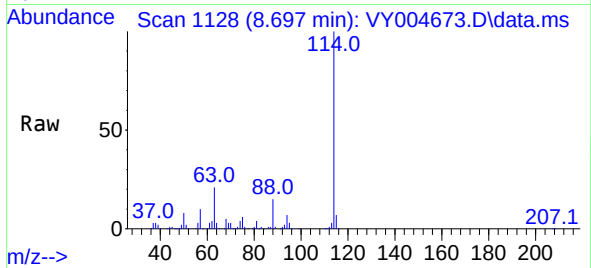




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004673.D
Acq: 29 Apr 2021 20:41

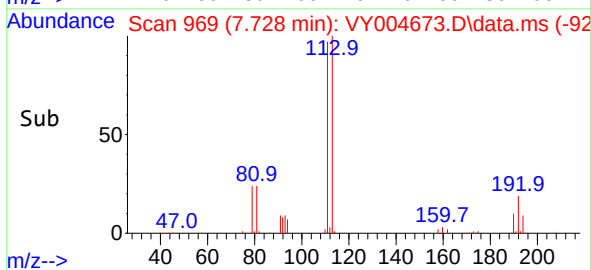
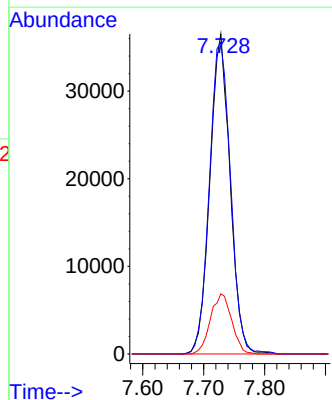
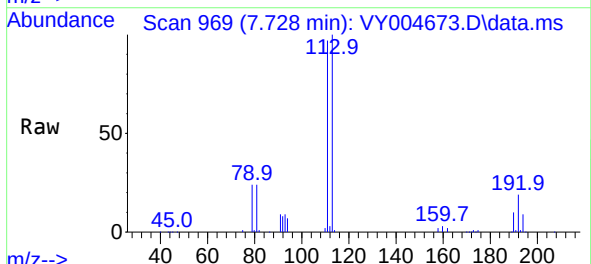
Instrument :
MSVOA_Y
ClientSampleId :
HTCRV2-COMP-CF03-01

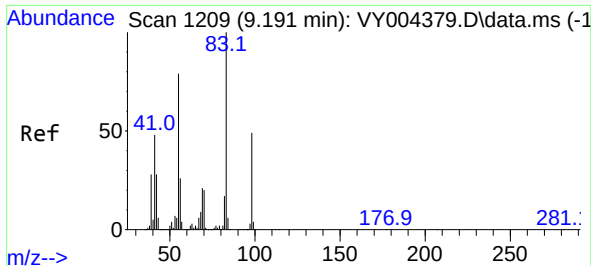
Tgt Ion:	114	Resp:	281496
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.4
88	15.0	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.66 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004673.D
Acq: 29 Apr 2021 20:41

Tgt Ion:	113	Resp:	83824
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	19.8	16.1	24.1

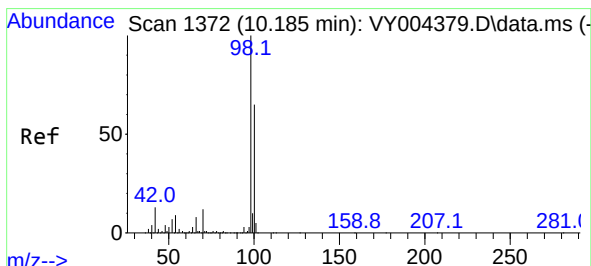
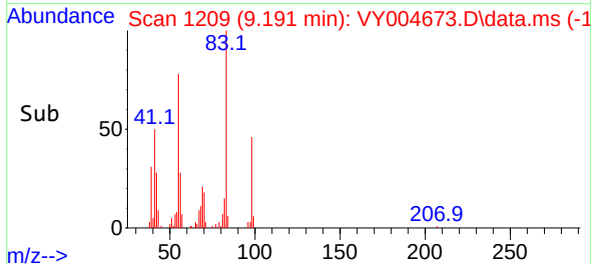
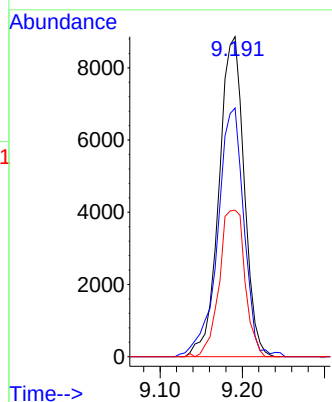
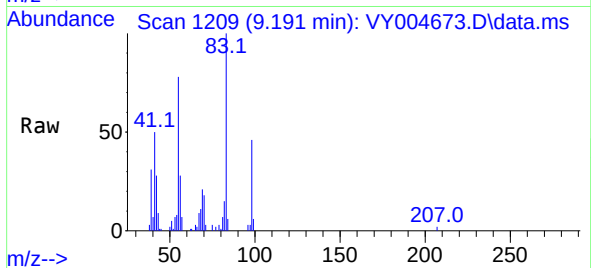




#39
Methylcyclohexane
Concen: 5.47 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY004673.D
Acq: 29 Apr 2021 20:41

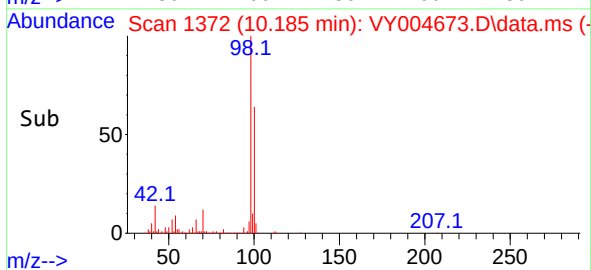
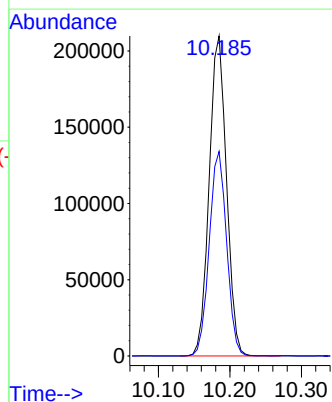
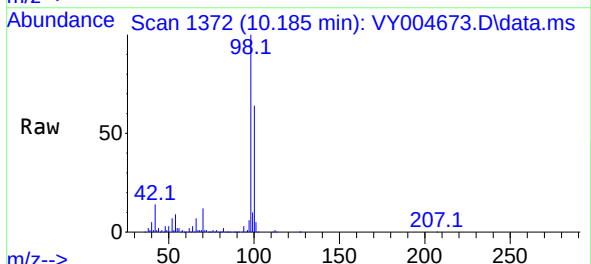
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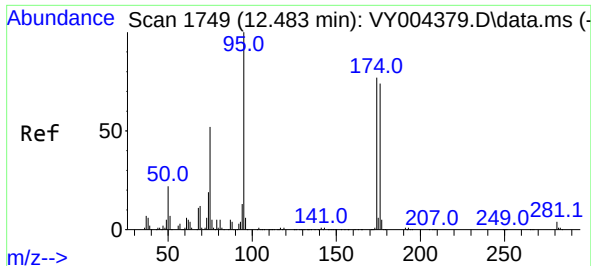
Tgt Ion: 83 Resp: 18822
Ion Ratio Lower Upper
83 100
55 76.9 63.0 94.4
98 45.8 39.2 58.8



#50
Toluene-d8
Concen: 53.07 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004673.D
Acq: 29 Apr 2021 20:41

Tgt Ion: 98 Resp: 352659
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

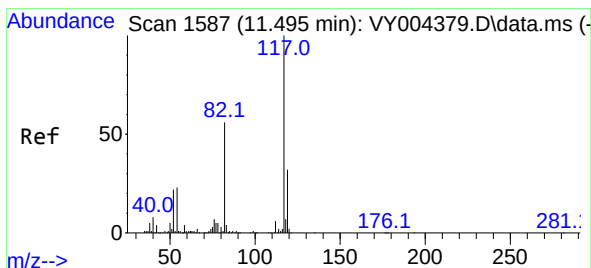
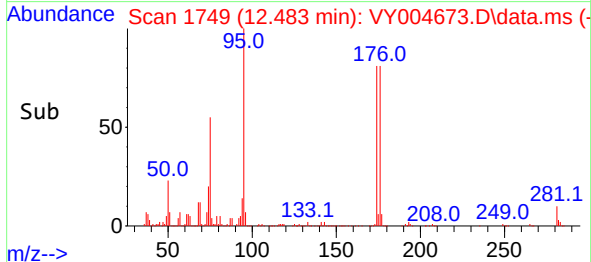
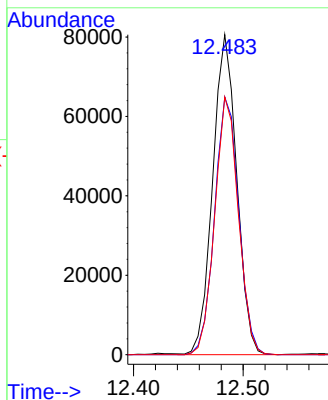
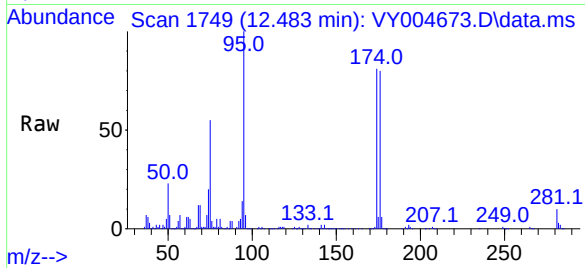




#62
4-Bromofluorobenzene
Concen: 54.49 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004673.D
Acq: 29 Apr 2021 20:41

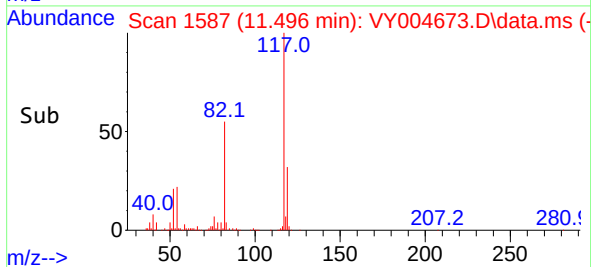
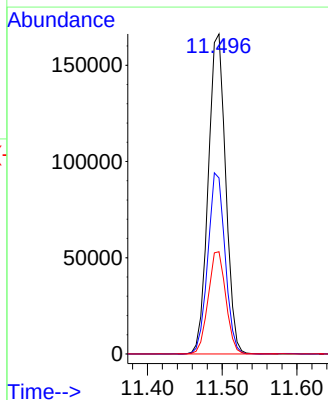
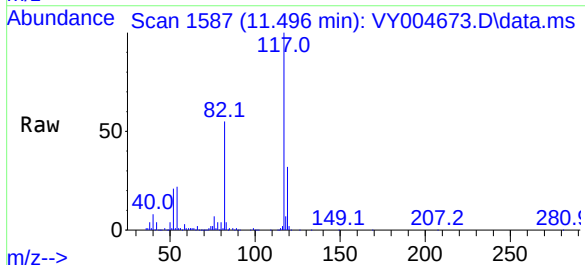
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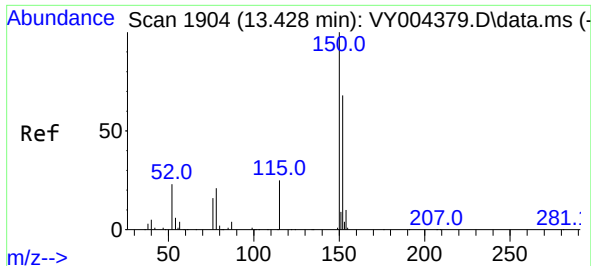
Tgt Ion: 95 Resp: 122872
Ion Ratio Lower Upper
95 100
174 80.7 0.0 162.4
176 79.1 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004673.D
Acq: 29 Apr 2021 20:41

Tgt Ion: 117 Resp: 269870
Ion Ratio Lower Upper
117 100
82 55.0 44.9 67.3
119 31.9 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: VY004673.D
 Acq: 29 Apr 2021 20:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 HTRCV2-COMP-CF03-01

Tgt Ion:152 Resp: 122451

Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.6	88.8
150	156.9	0.0	348.4

