

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
 Data File : VY004668.D
 Acq On : 29 Apr 2021 18:45
 Operator : SY/MD
 Sample : M2217-01
 Misc : 4.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HTRV2-COMP-CF01-01

Quant Time: Apr 30 04:34:30 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)

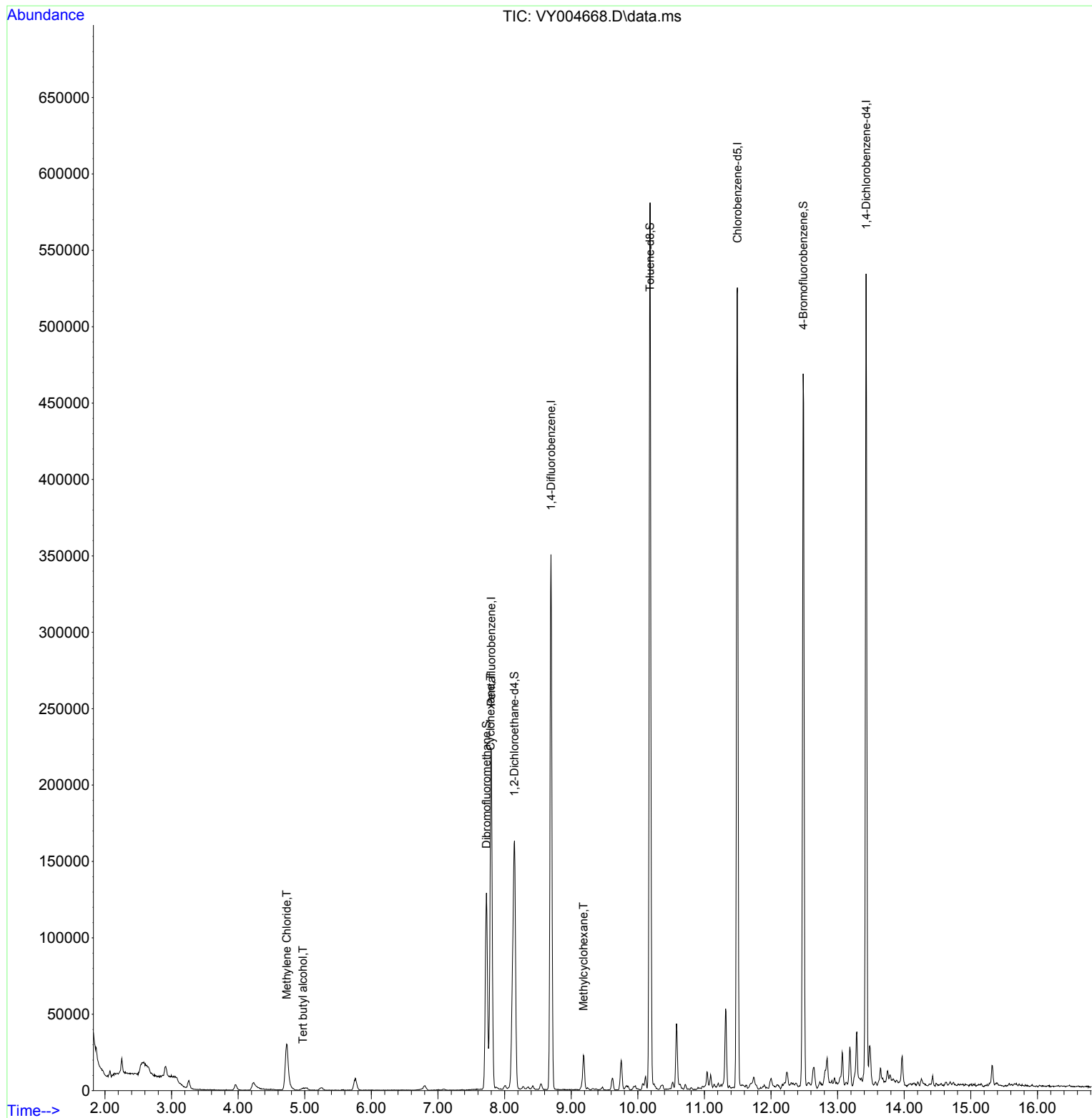
Internal Standards						
1) Pentafluorobenzene	7.801	168	161128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	283974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	273603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	108888	60.82	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.64%	
35) Dibromofluoromethane	7.728	113	85373	54.17	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.34%	
50) Toluene-d8	10.185	98	351469	52.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.86%	
62) 4-Bromofluorobenzene	12.483	95	123076	54.11	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.22%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.972	59	2606	14.77	ug/l	# 94
20) Methylene Chloride	4.728	84	21036	12.17	ug/l	97
31) Cyclohexane	7.789	56	9121	2.78	ug/l	# 75
39) Methylcyclohexane	9.185	83	8390	2.42	ug/l	96

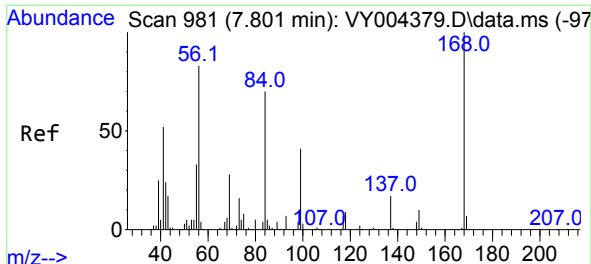
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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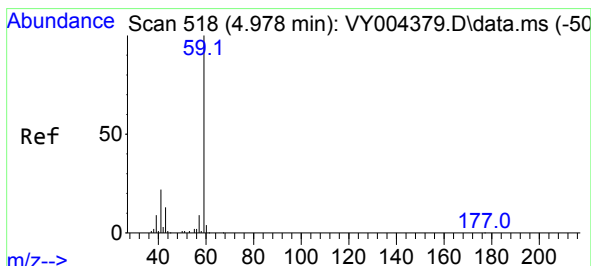
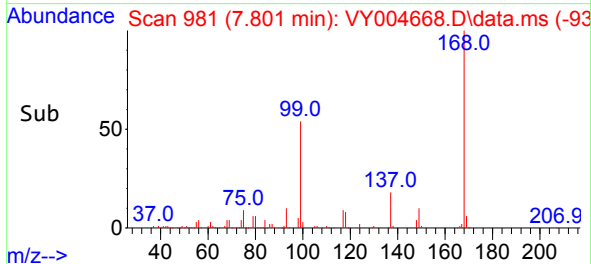
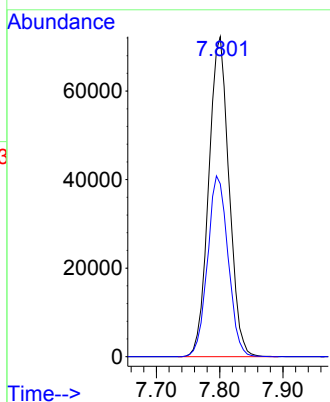
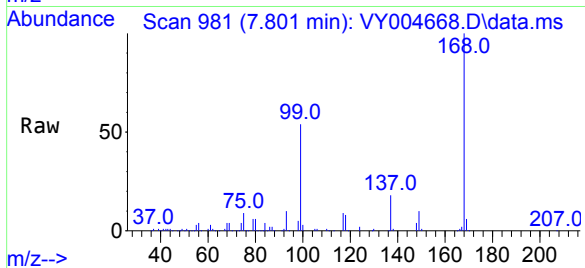




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004668.D
Acq: 29 Apr 2021 18:45

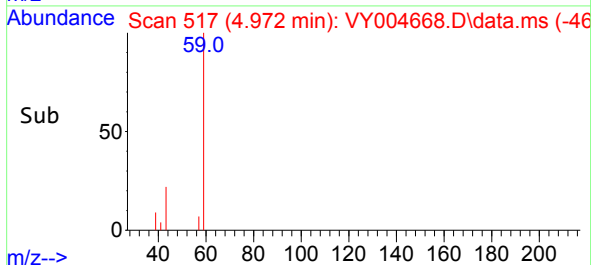
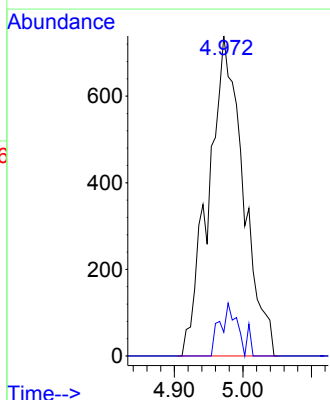
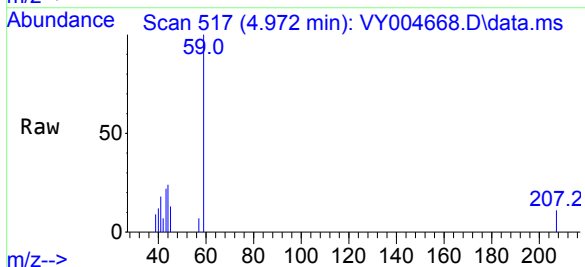
Instrument :
MSVOA_Y
ClientSampleId :
HTCRV2-COMP-CF01-01

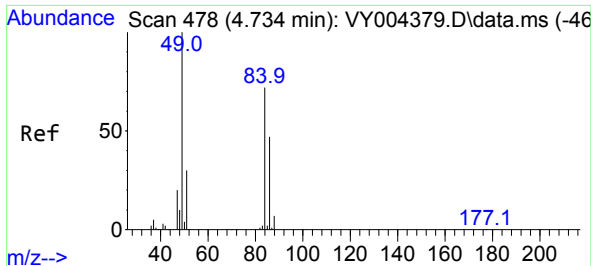
Tgt Ion:168 Resp: 161128
Ion Ratio Lower Upper
168 100
99 54.0 45.5 68.3



#11
Tert butyl alcohol
Concen: 14.77 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004668.D
Acq: 29 Apr 2021 18:45

Tgt Ion: 59 Resp: 2606
Ion Ratio Lower Upper
59 100
57 7.8 8.1 12.1#

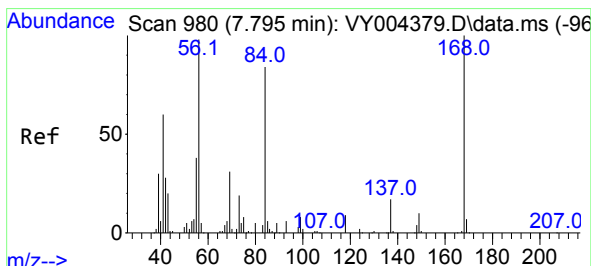
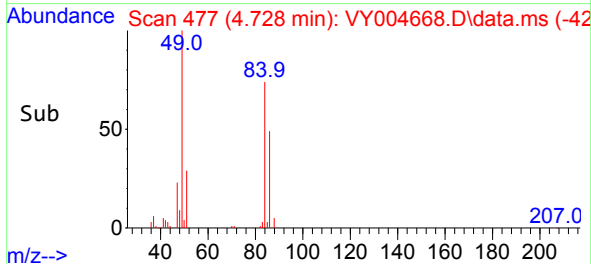
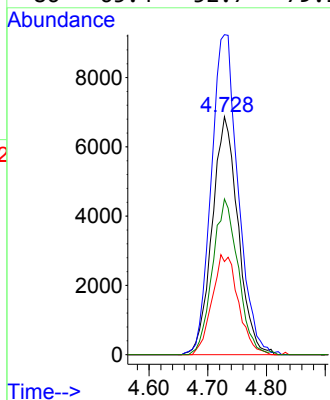
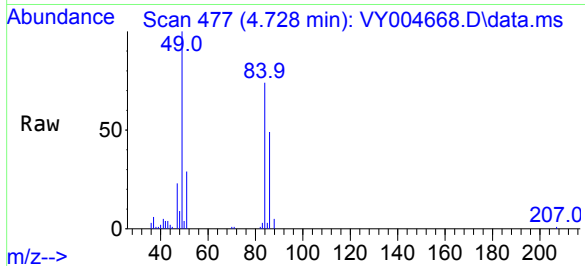




#20
Methylene Chloride
Concen: 12.17 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004668.D
Acq: 29 Apr 2021 18:45

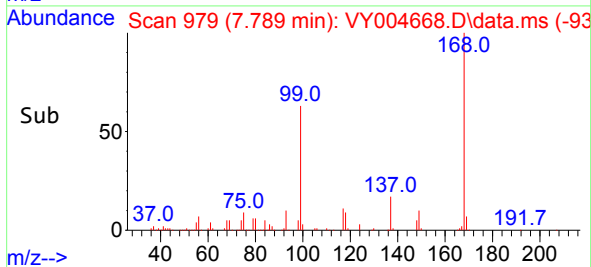
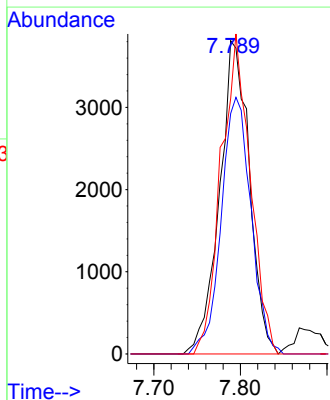
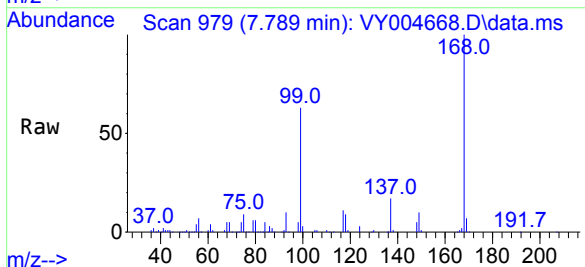
Instrument :
MSVOA_Y
ClientSampleId :
HTCRV2-COMP-CF01-01

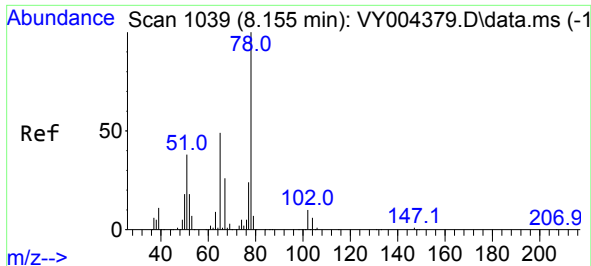
Tgt Ion:	84	Resp:	21036
Ion	Ratio	Lower	Upper
84	100		
49	134.5	111.2	166.8
51	39.2	33.4	50.2
86	65.4	52.7	79.1



#31
Cyclohexane
Concen: 2.78 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004668.D
Acq: 29 Apr 2021 18:45

Tgt Ion:	56	Resp:	9121
Ion	Ratio	Lower	Upper
56	100		
69	76.8	25.8	38.6#
84	81.6	68.2	102.4

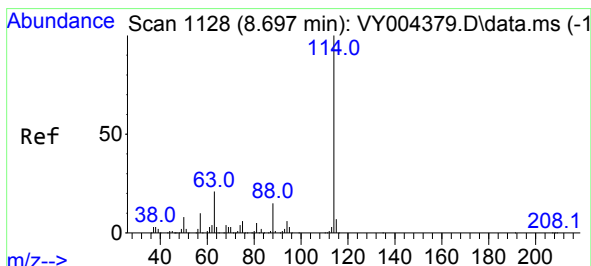
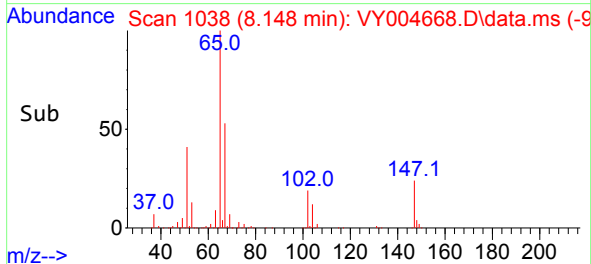
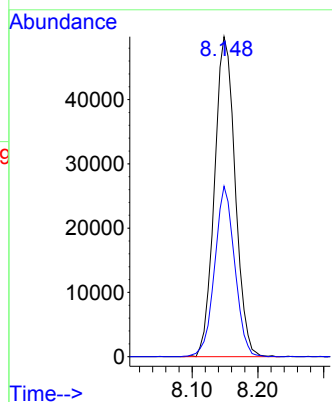
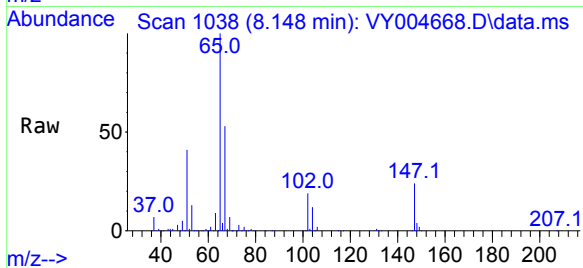




#33
1,2-Dichloroethane-d4
Concen: 60.82 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004668.D
Acq: 29 Apr 2021 18:45

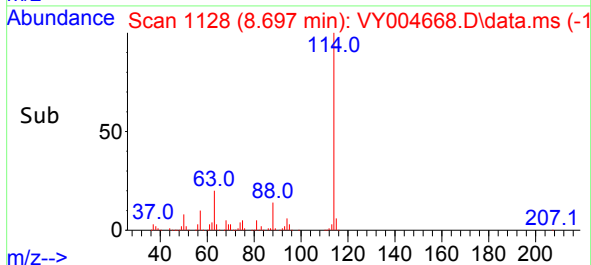
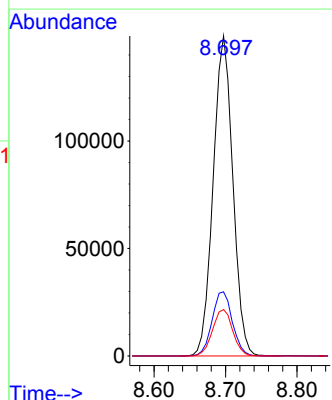
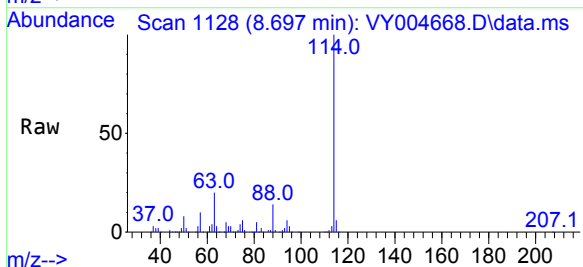
Instrument :
MSVOA_Y
ClientSampleId :
HTCRV2-COMP-CF01-01

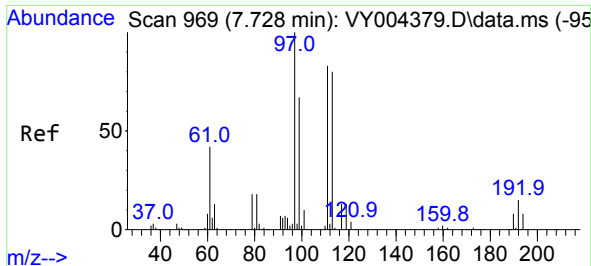
Tgt Ion: 65 Resp: 108888
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004668.D
Acq: 29 Apr 2021 18:45

Tgt Ion:114 Resp: 283974
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 14.5 0.0 30.8

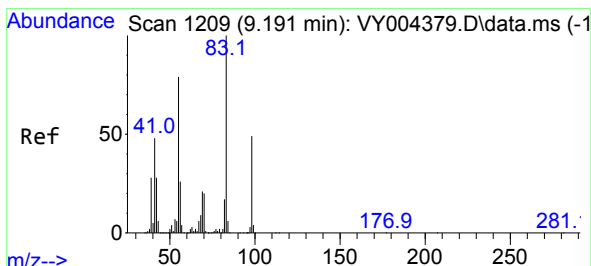
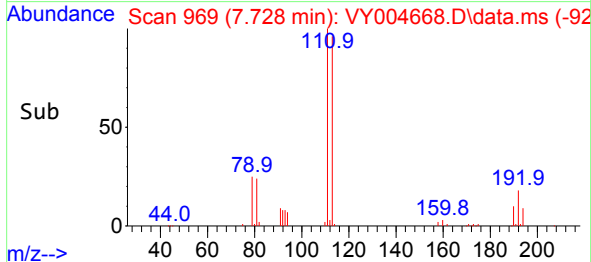
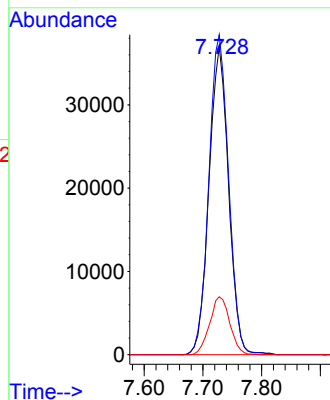
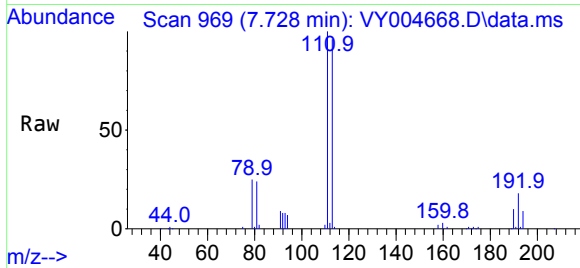




#35
Dibromofluoromethane
Concen: 54.17 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004668.D
Acq: 29 Apr 2021 18:45

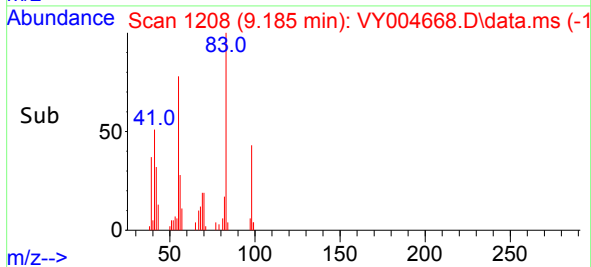
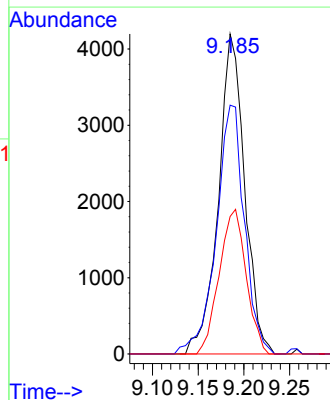
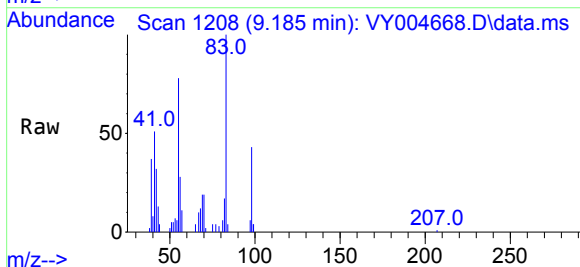
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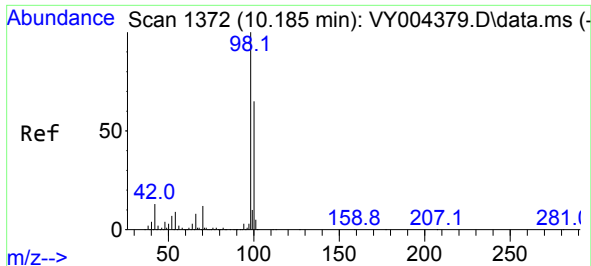
Tgt Ion:	113	Resp:	85373
Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.6	123.8
192	19.3	16.1	24.1



#39
Methylcyclohexane
Concen: 2.42 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY004668.D
Acq: 29 Apr 2021 18:45

Tgt Ion:	83	Resp:	8390
Ion	Ratio	Lower	Upper
83	100		
55	77.7	63.0	94.4
98	42.9	39.2	58.8

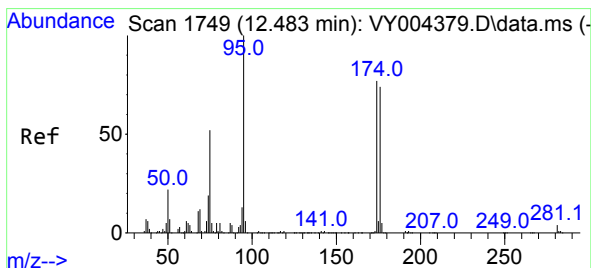
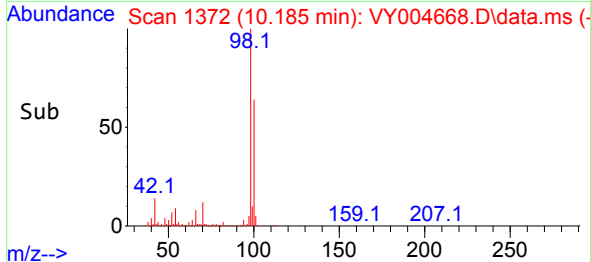
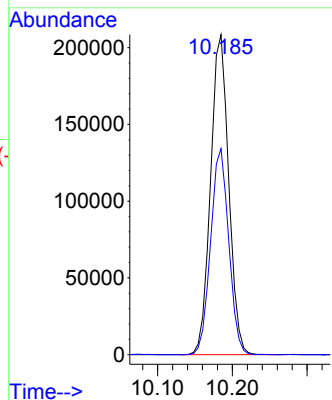
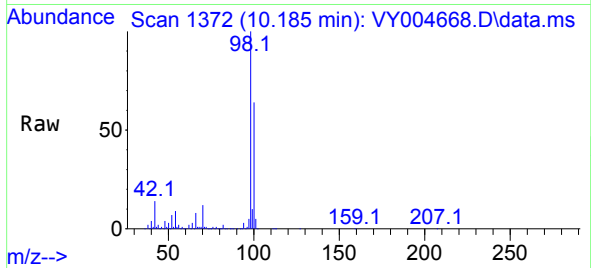




#50
Toluene-d8
Concen: 52.43 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004668.D
Acq: 29 Apr 2021 18:45

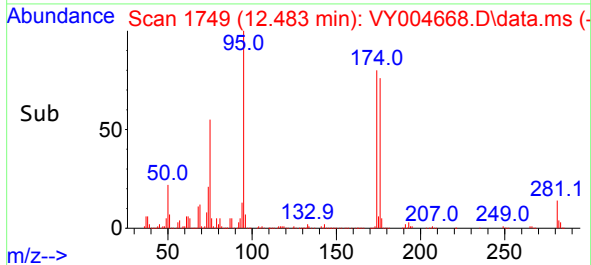
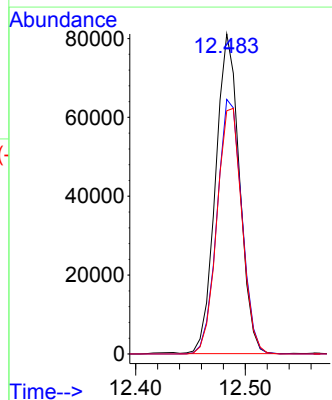
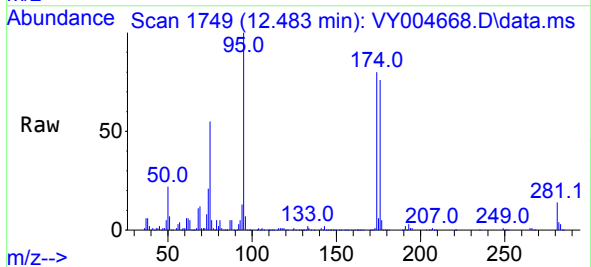
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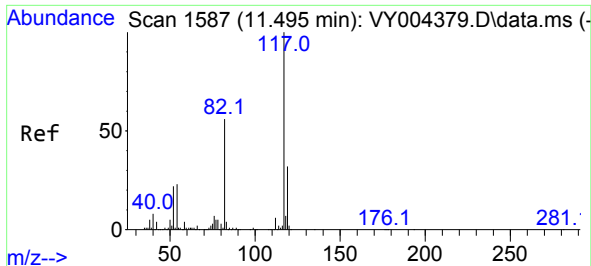
Tgt Ion: 98 Resp: 351469
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.11 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004668.D
Acq: 29 Apr 2021 18:45

Tgt Ion: 95 Resp: 123076
Ion Ratio Lower Upper
95 100
174 82.2 0.0 162.4
176 80.2 0.0 156.0

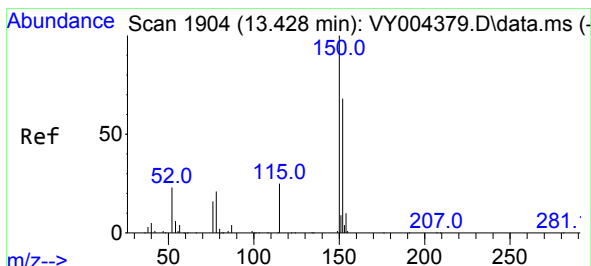
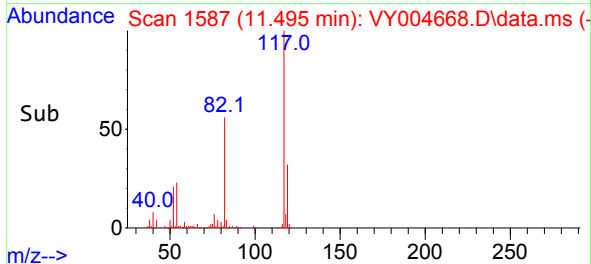
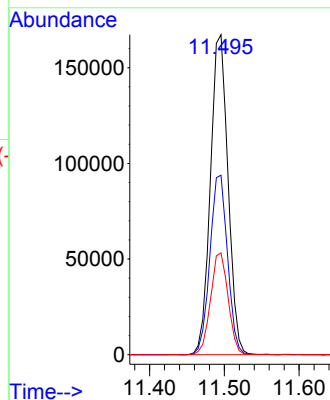
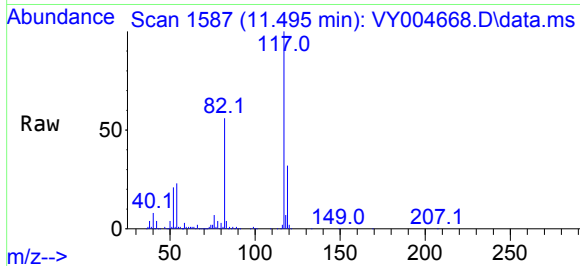




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004668.D
Acq: 29 Apr 2021 18:45

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:	117	Resp:	273603
Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.9	67.3
119	31.8	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: VY004668.D
Acq: 29 Apr 2021 18:45

Tgt Ion:	152	Resp:	124435
Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.6	88.8
150	156.4	0.0	348.4

