

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
 Data File : VY004663.D
 Acq On : 29 Apr 2021 16:49
 Operator : SY/MD
 Sample : M2196-03
 Misc : 7.49G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WALL-D-4075-A

Quant Time: Apr 30 04:33:41 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)

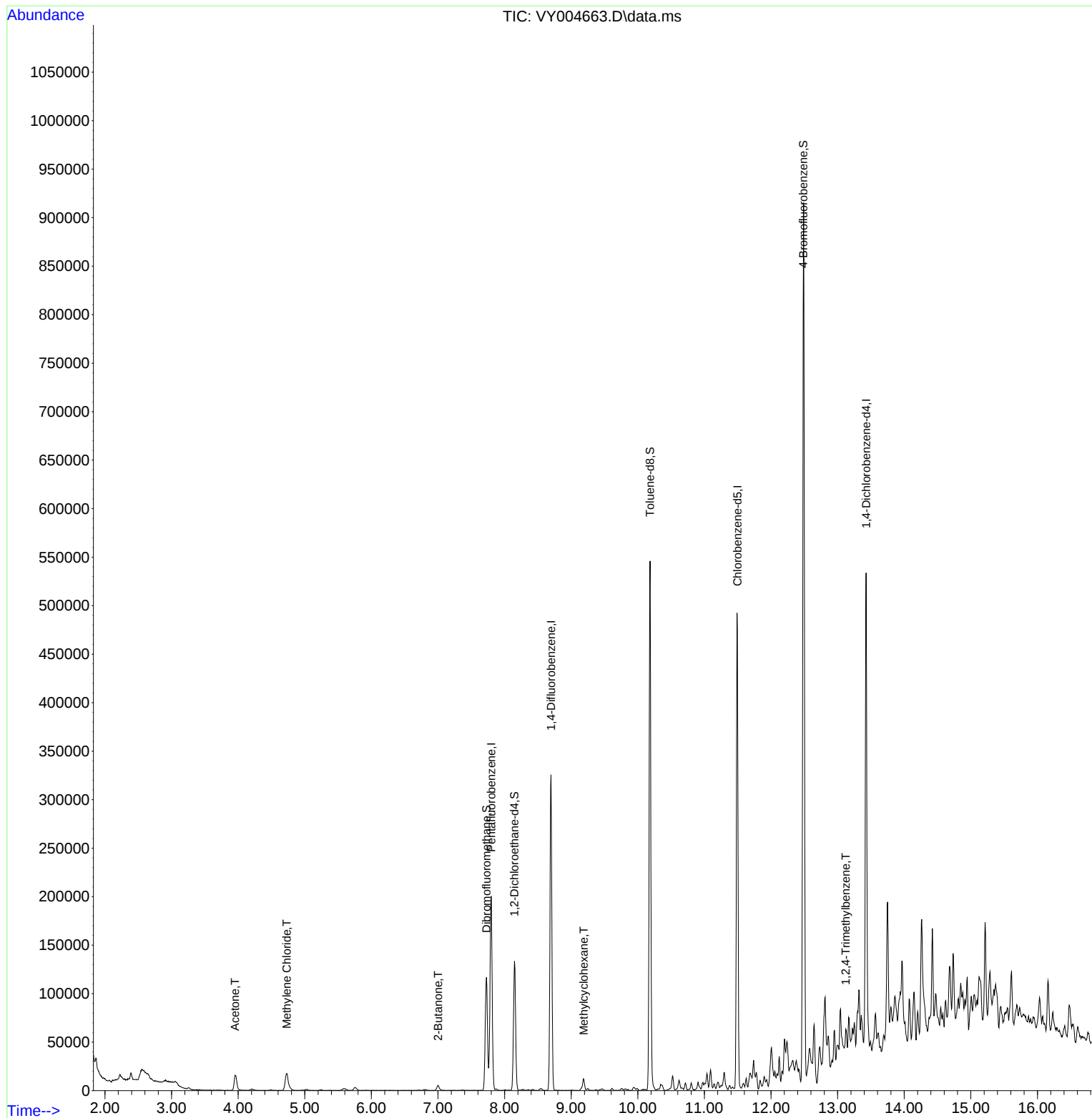
Internal Standards						
1) Pentafluorobenzene	7.801	168	148147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	260606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	251177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	103468	62.86	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.72%	
35) Dibromofluoromethane	7.728	113	80321	55.54	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.08%	
50) Toluene-d8	10.185	98	325850	52.97	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.94%	
62) 4-Bromofluorobenzene	12.483	95	118707	56.86	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.72%	
Target Compounds						
						Qvalue
16) Acetone	3.954	43	28553	67.71	ug/l	95
20) Methylene Chloride	4.728	84	12119	7.62	ug/l	95
25) 2-Butanone	7.002	43	9065	14.46	ug/l	98
39) Methylcyclohexane	9.191	83	4236	1.33	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	10230	1.35	ug/l	96

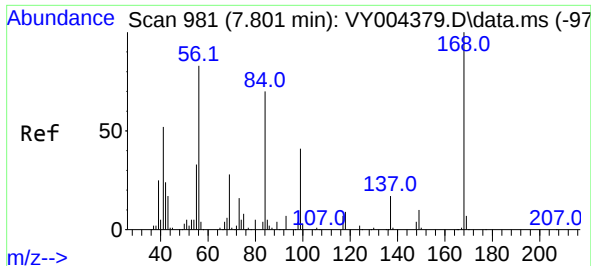
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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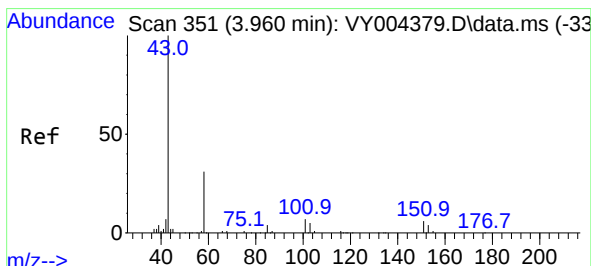
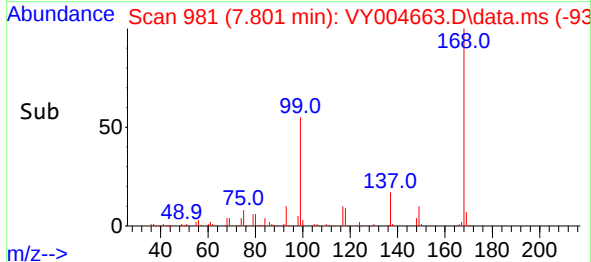
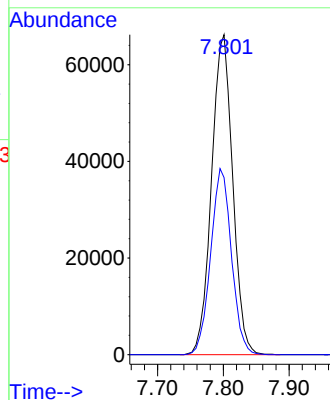
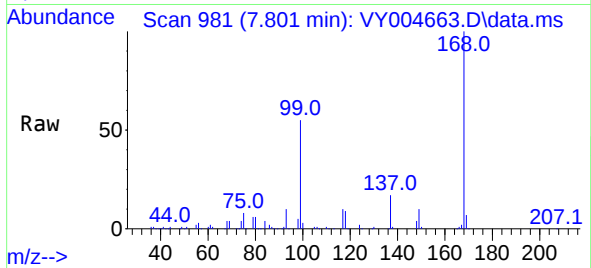




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004663.D
Acq: 29 Apr 2021 16:49

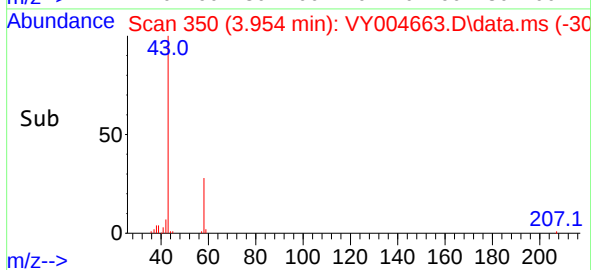
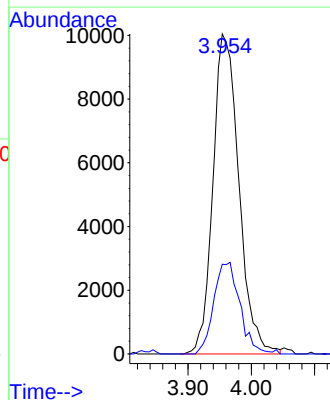
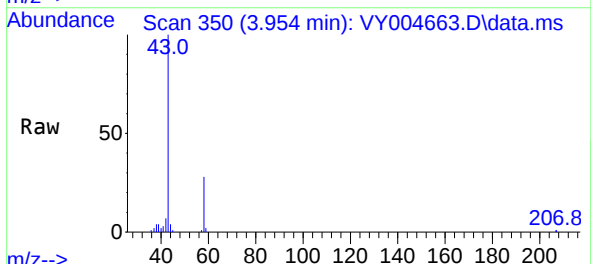
Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-A

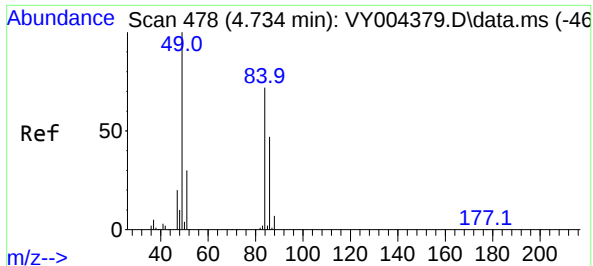
Tgt Ion:168 Resp: 148147
Ion Ratio Lower Upper
168 100
99 55.4 45.5 68.3



#16
Acetone
Concen: 67.71 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004663.D
Acq: 29 Apr 2021 16:49

Tgt Ion: 43 Resp: 28553
Ion Ratio Lower Upper
43 100
58 28.0 24.6 37.0



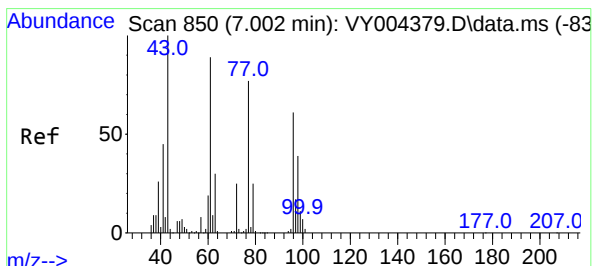
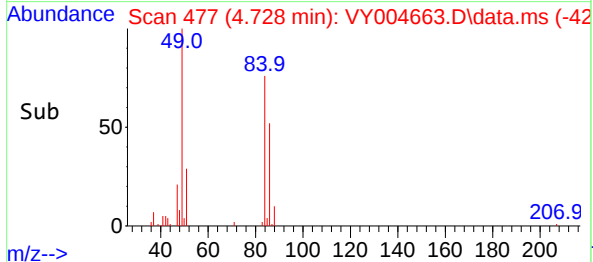
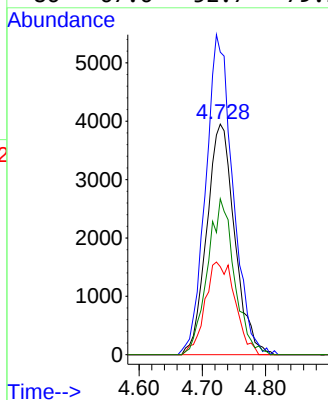
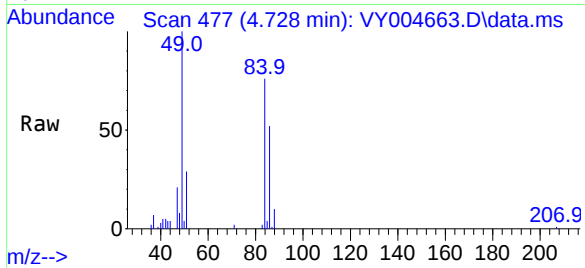


#20
Methylene Chloride
Concen: 7.62 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004663.D
Acq: 29 Apr 2021 16:49

Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-A

Tgt Ion: 84 Resp: 12119

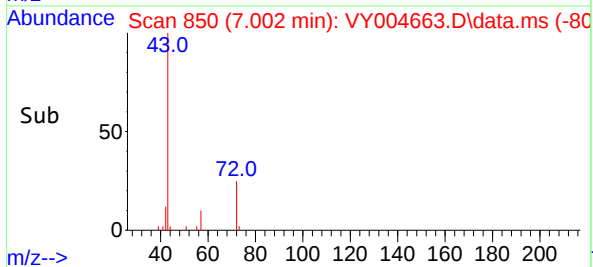
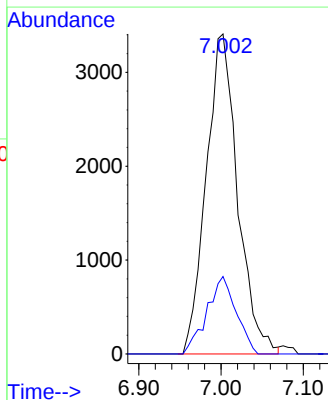
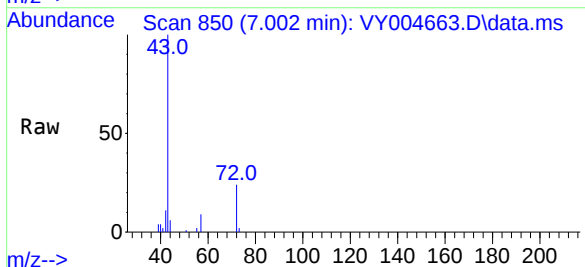
Ion	Ratio	Lower	Upper
84	100		
49	131.2	111.2	166.8
51	38.1	33.4	50.2
86	67.6	52.7	79.1

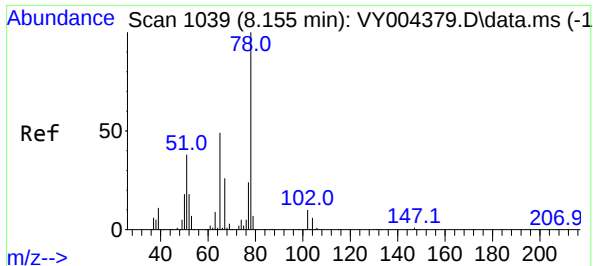


#25
2-Butanone
Concen: 14.46 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004663.D
Acq: 29 Apr 2021 16:49

Tgt Ion: 43 Resp: 9065

Ion	Ratio	Lower	Upper
43	100		
72	24.2	20.2	30.2

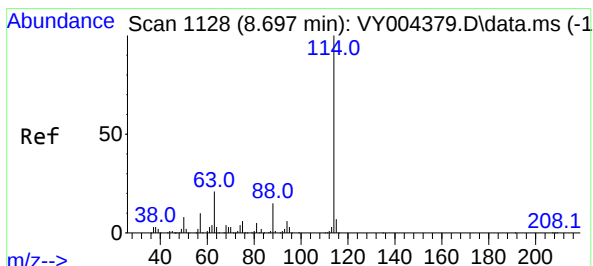
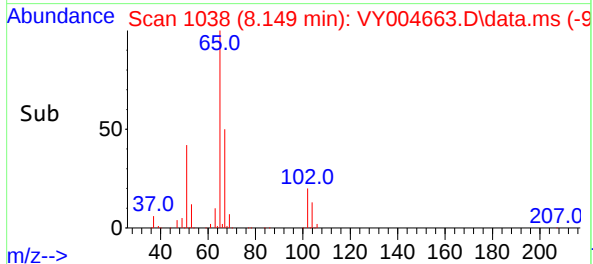
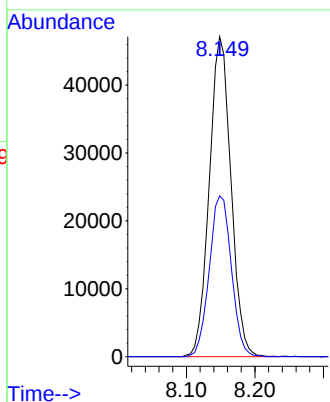
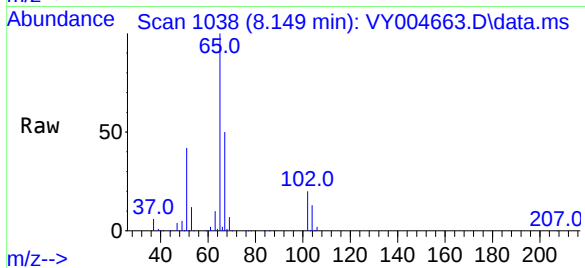




#33
1,2-Dichloroethane-d4
Concen: 62.86 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004663.D
Acq: 29 Apr 2021 16:49

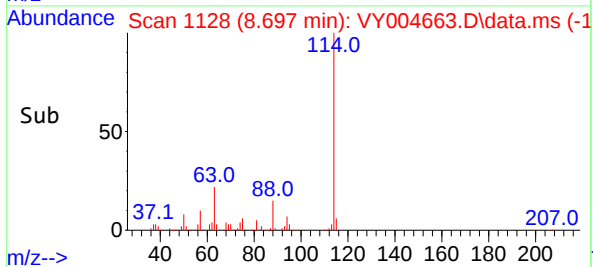
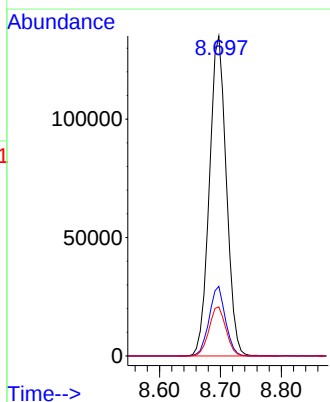
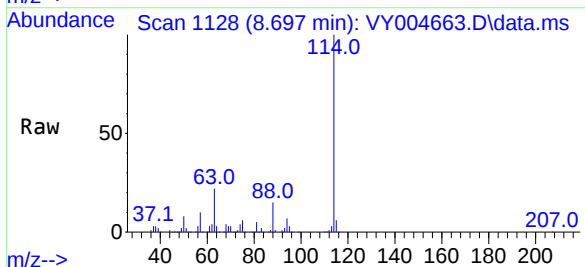
Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-A

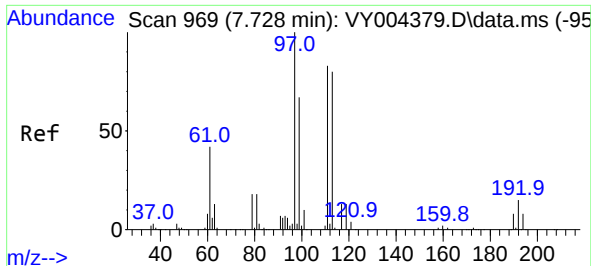
Tgt Ion: 65 Resp: 103468
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004663.D
Acq: 29 Apr 2021 16:49

Tgt Ion: 114 Resp: 260606
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.4
88 15.4 0.0 30.8

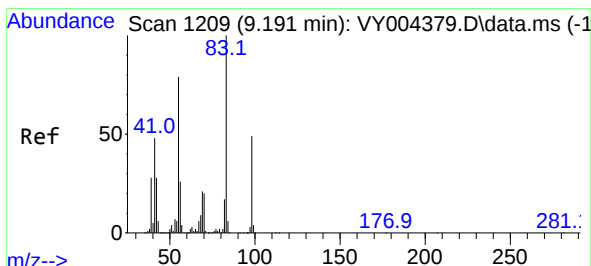
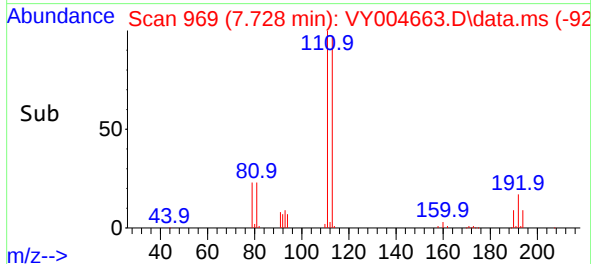
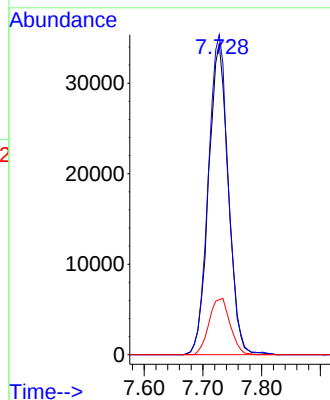
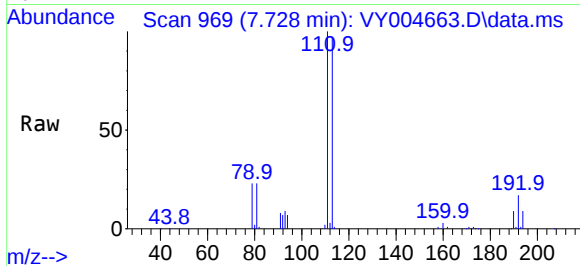




#35
Dibromofluoromethane
Concen: 55.54 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004663.D
Acq: 29 Apr 2021 16:49

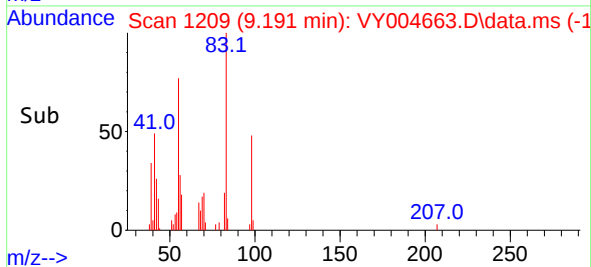
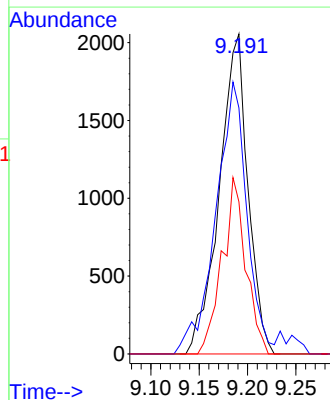
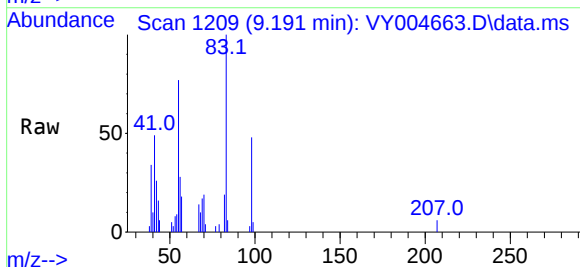
Instrument :
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ClientSampleId :
WALL-D-4075-A

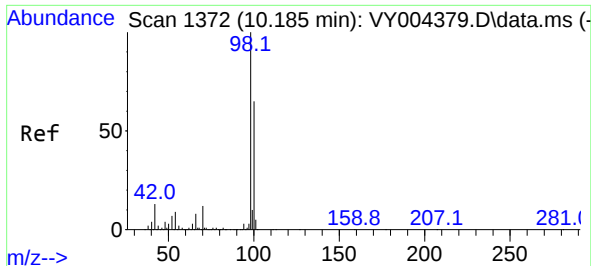
Tgt Ion:	113	Resp:	80321
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	19.2	16.1	24.1



#39
Methylcyclohexane
Concen: 1.33 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY004663.D
Acq: 29 Apr 2021 16:49

Tgt Ion:	83	Resp:	4236
Ion	Ratio	Lower	Upper
83	100		
55	74.2	63.0	94.4
98	47.5	39.2	58.8

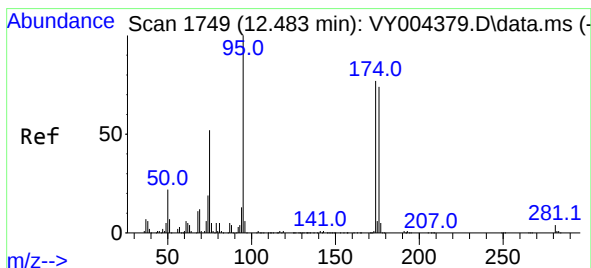
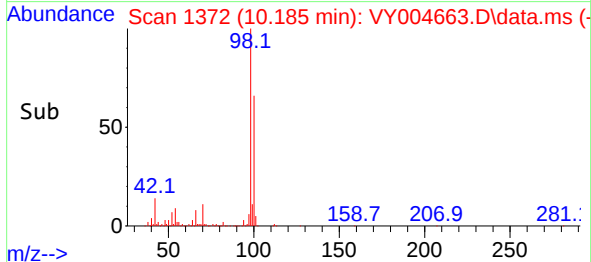
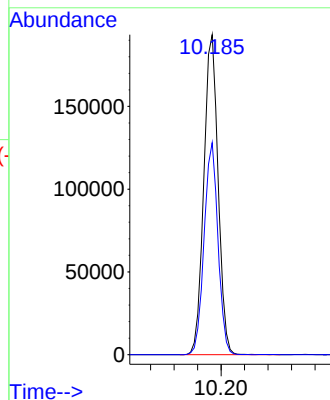
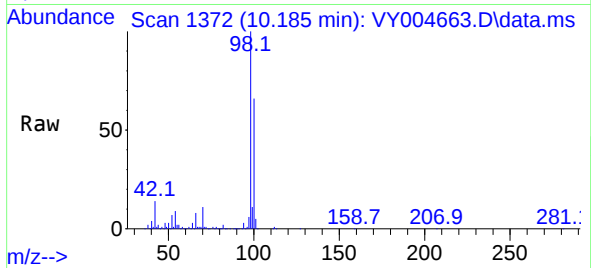




#50
Toluene-d8
Concen: 52.97 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004663.D
Acq: 29 Apr 2021 16:49

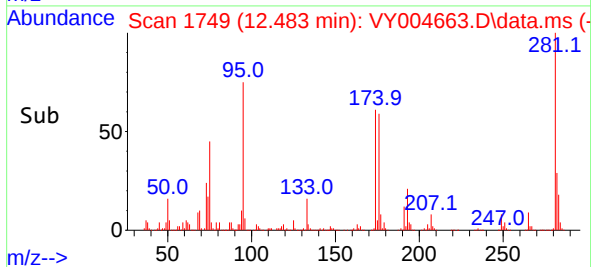
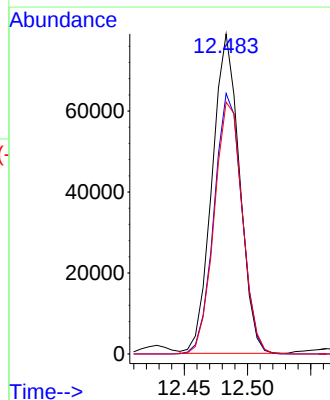
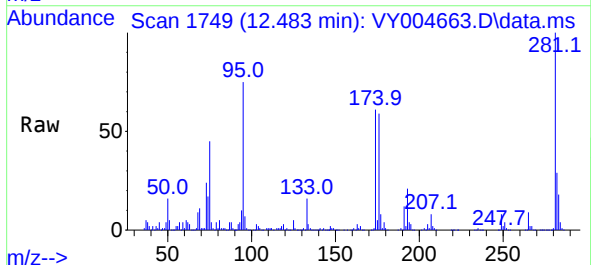
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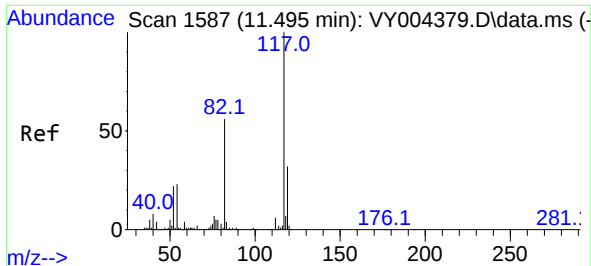
Tgt Ion: 98 Resp: 325850
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.86 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004663.D
Acq: 29 Apr 2021 16:49

Tgt Ion: 95 Resp: 118707
Ion Ratio Lower Upper
95 100
174 82.8 0.0 162.4
176 81.1 0.0 156.0

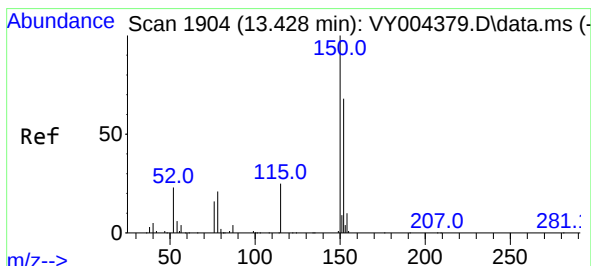
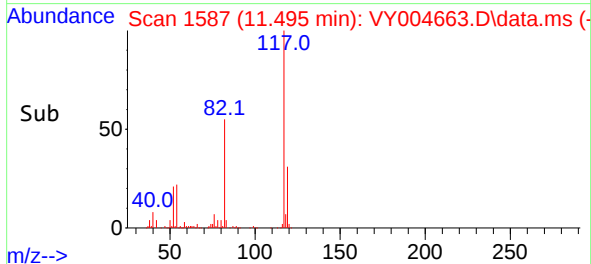
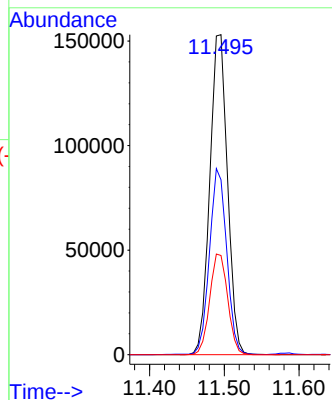
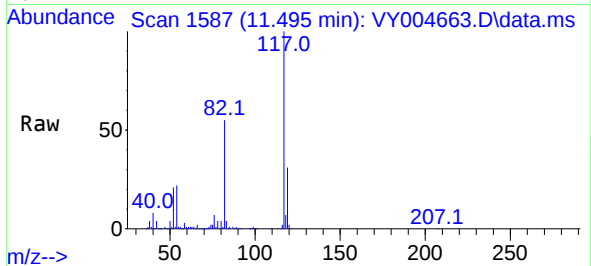




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004663.D
Acq: 29 Apr 2021 16:49

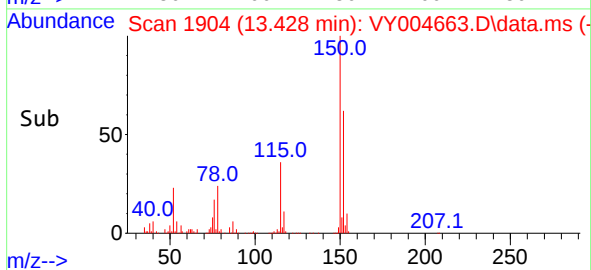
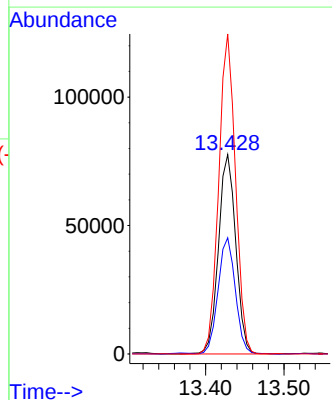
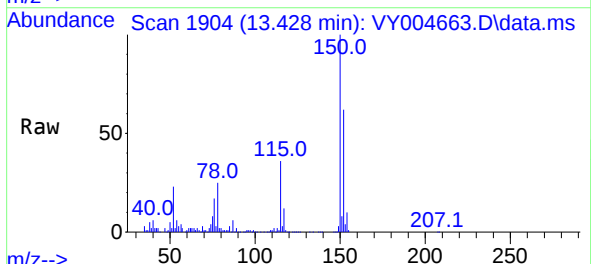
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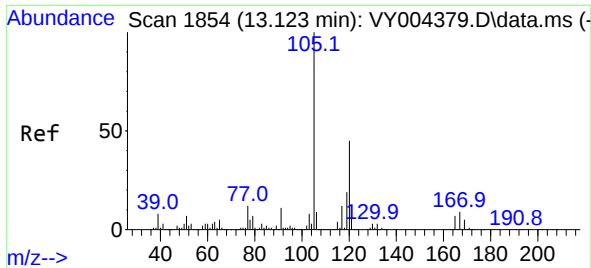
Tgt Ion:	117	Resp:	251177
Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.9	67.3
119	31.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004663.D
Acq: 29 Apr 2021 16:49

Tgt Ion:	152	Resp:	119612
Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.6	88.8
150	155.3	0.0	348.4





#84
1,2,4-Trimethylbenzene
Concen: 1.35 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004663.D
Acq: 29 Apr 2021 16:49

Instrument :
MSVOA_Y
ClientSampleId :
WALL-D-4075-A

Tgt Ion:105 Resp: 10230
Ion Ratio Lower Upper
105 100
120 47.3 22.4 67.3

