

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004344.D
 Acq On : 08 Apr 2021 18:38
 Operator : SY/MD
 Sample : M1979-09
 Misc : 4.55G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-9

Quant Time: Apr 09 03:19:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

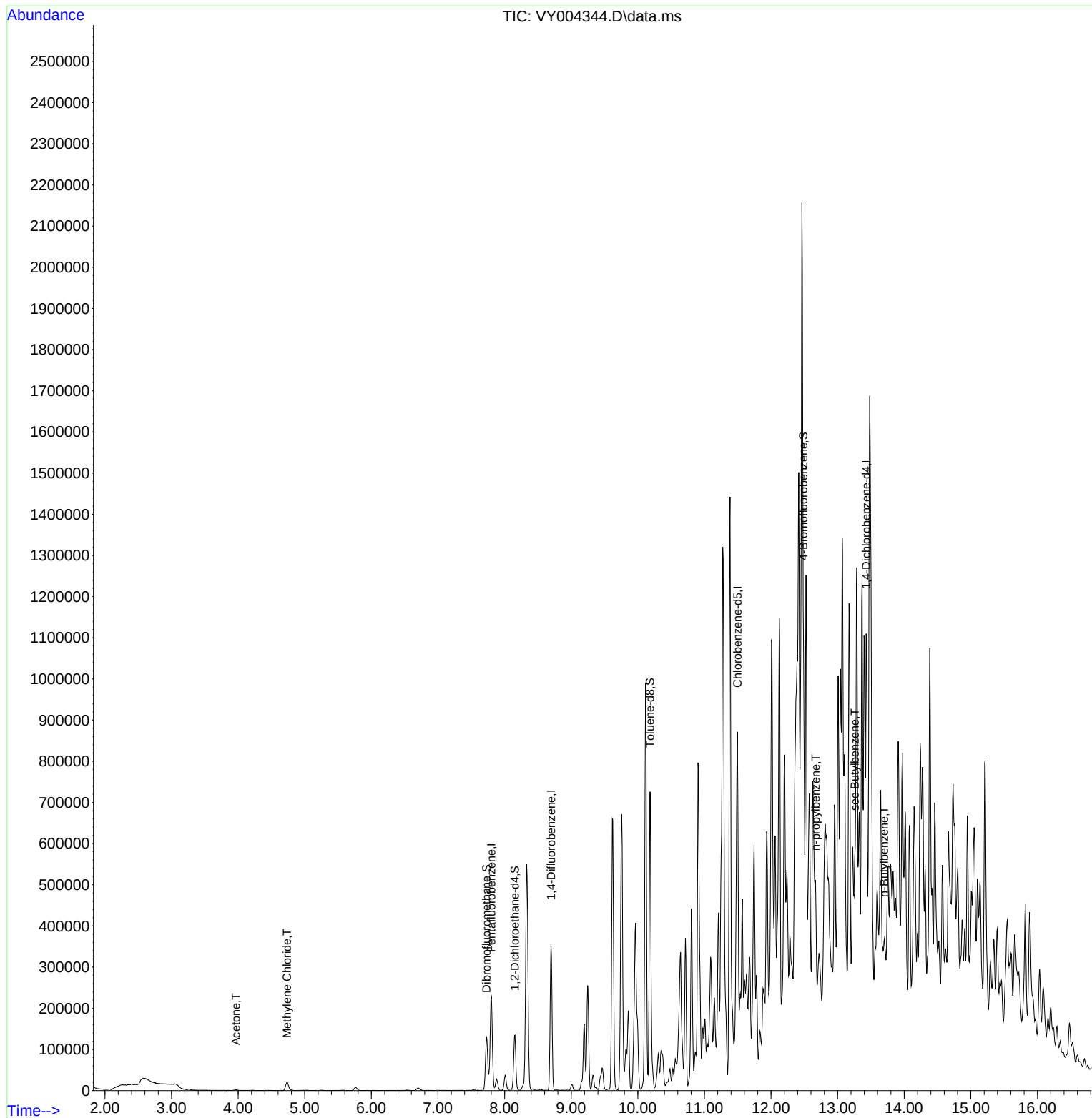
Internal Standards						
1) Pentafluorobenzene	7.801	168	171924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	295157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	281007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	105829	64.03	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.06%	
35) Dibromofluoromethane	7.728	113	90023	54.74	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.48%	
50) Toluene-d8	10.185	98	370244	59.86	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 119.72%	
62) 4-Bromofluorobenzene	12.483	95	155654	73.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 146.84%#	
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	3491	10.14	ug/l	94
20) Methylene Chloride	4.735	84	14017	6.09	ug/l	98
78) n-propylbenzene	12.672	91	19615	1.67	ug/l	91
85) sec-Butylbenzene	13.257	105	18594	1.88	ug/l #	45
89) n-Butylbenzene	13.696	91	32817	3.89	ug/l	89

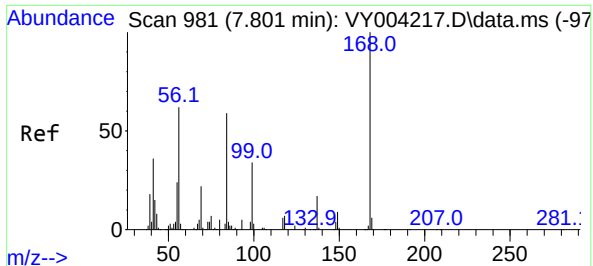
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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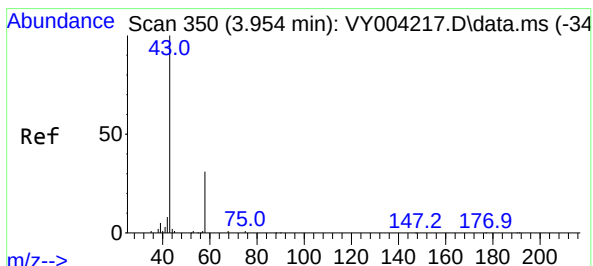
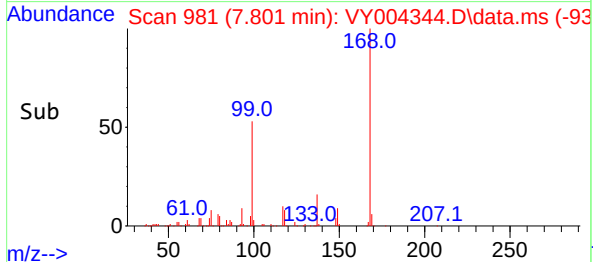
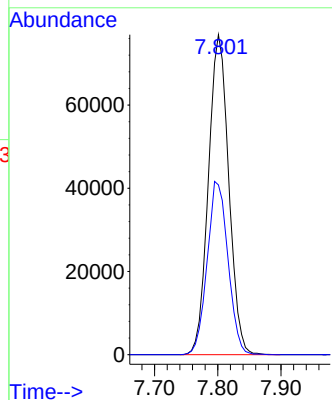
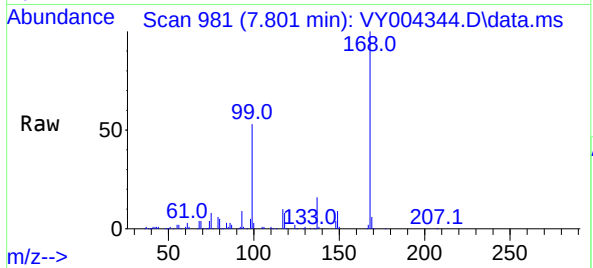




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004344.D
Acq: 08 Apr 2021 18:38

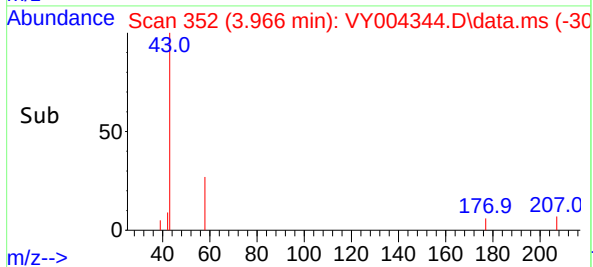
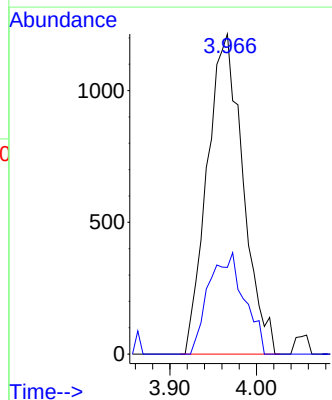
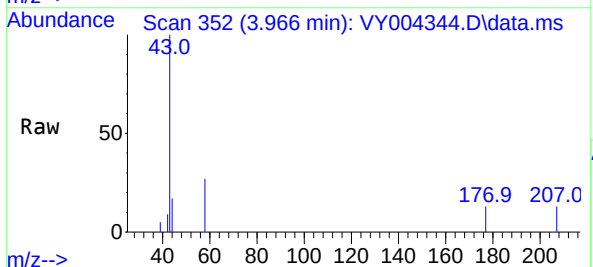
Instrument :
MSVOA_Y
ClientSampled :
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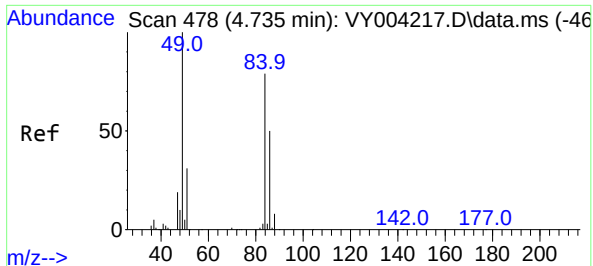
Tgt Ion:168 Resp: 171924
Ion Ratio Lower Upper
168 100
99 53.0 42.6 64.0



#16
Acetone
Concen: 10.14 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004344.D
Acq: 08 Apr 2021 18:38

Tgt Ion: 43 Resp: 3491
Ion Ratio Lower Upper
43 100
58 27.1 24.5 36.7



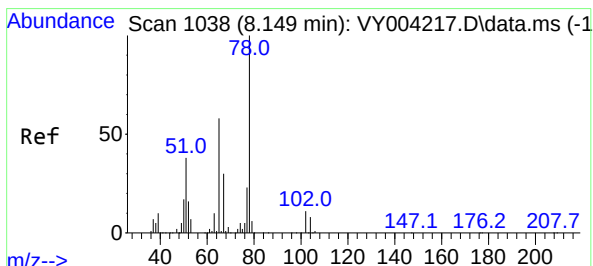
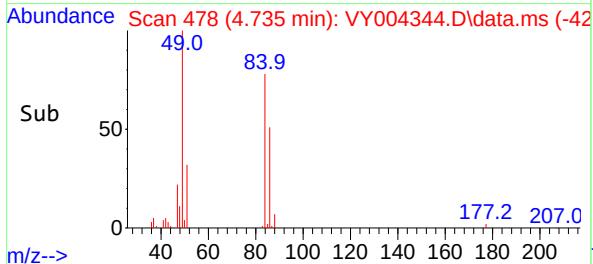
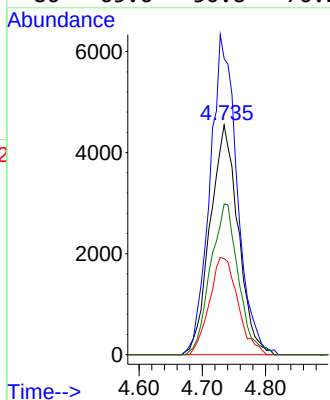
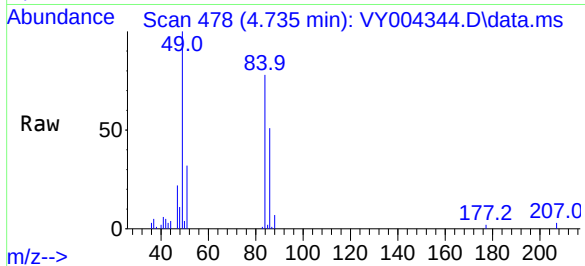


#20
Methylene Chloride
Concen: 6.09 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004344.D
Acq: 08 Apr 2021 18:38

Instrument :
MSVOA_Y
ClientSampled :
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Tgt Ion: 84 Resp: 14017

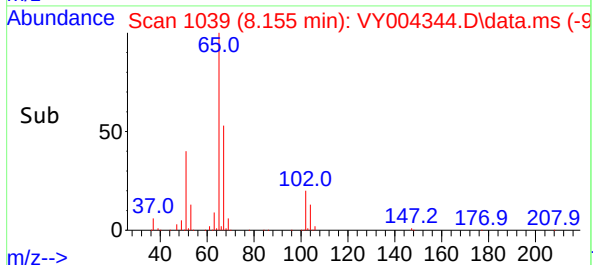
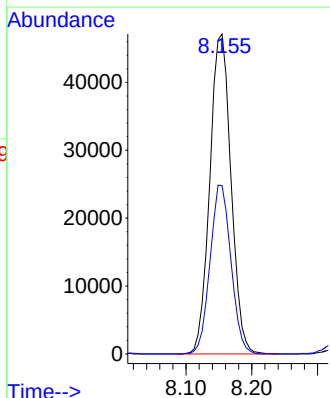
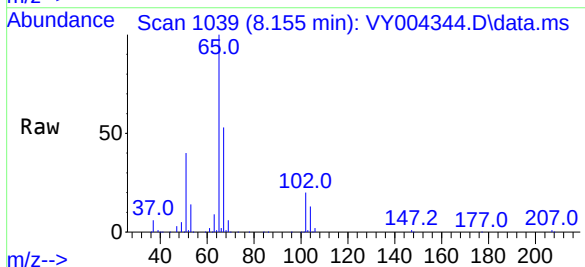
Ion	Ratio	Lower	Upper
84	100		
49	128.9	101.5	152.3
51	41.9	31.5	47.3
86	65.6	50.8	76.2

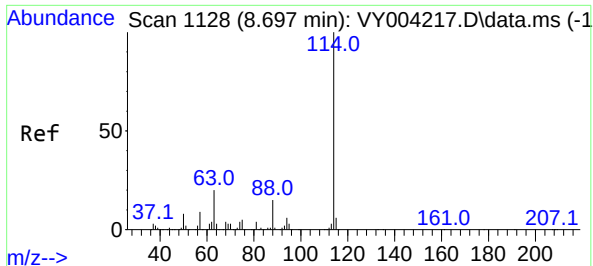


#33
1,2-Dichloroethane-d4
Concen: 64.03 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004344.D
Acq: 08 Apr 2021 18:38

Tgt Ion: 65 Resp: 105829

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.2

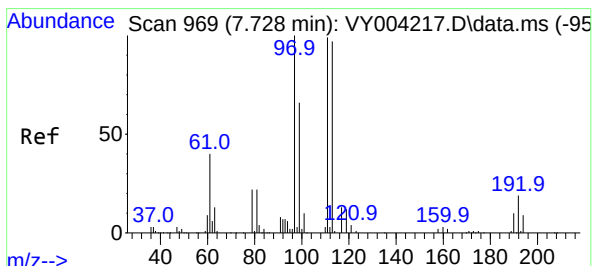
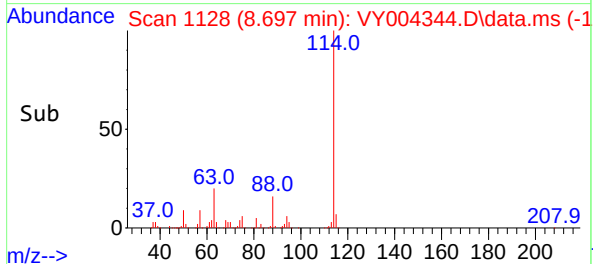
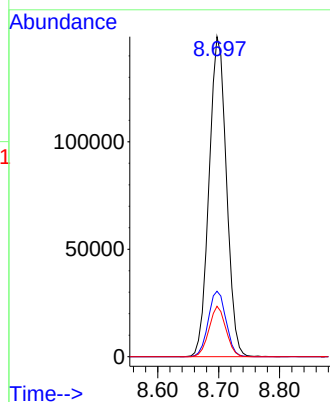
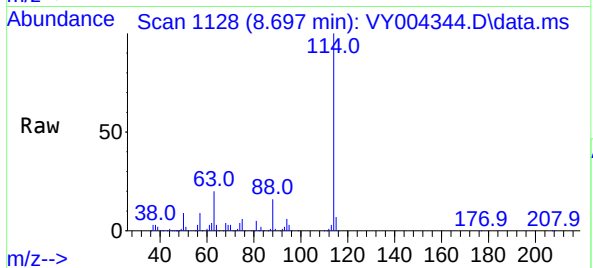




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004344.D
Acq: 08 Apr 2021 18:38

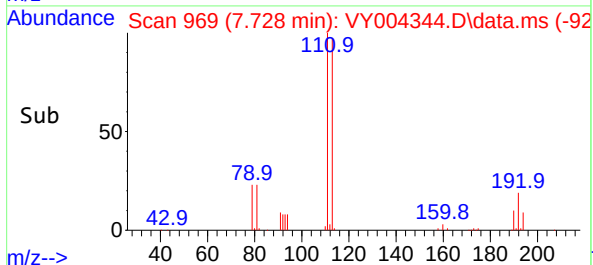
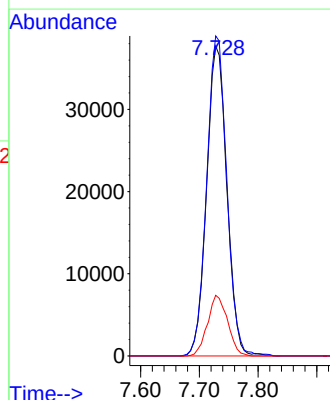
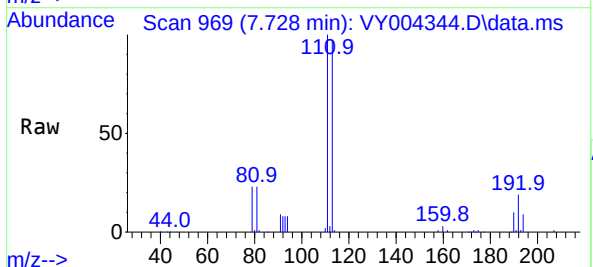
Instrument :
MSVOA_Y
ClientSampled :
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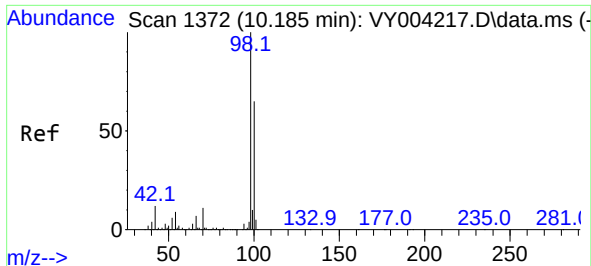
Tgt Ion:114 Resp: 295157
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.4
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.74 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004344.D
Acq: 08 Apr 2021 18:38

Tgt Ion:113 Resp: 90023
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 19.4 16.4 24.6

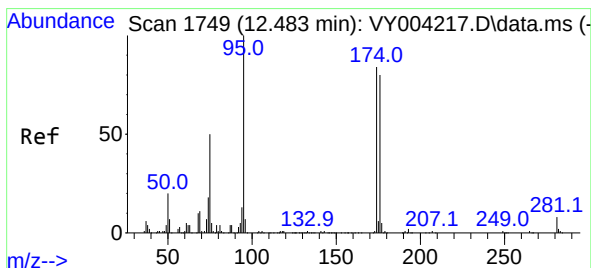
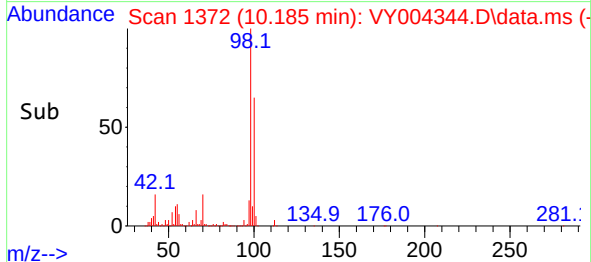
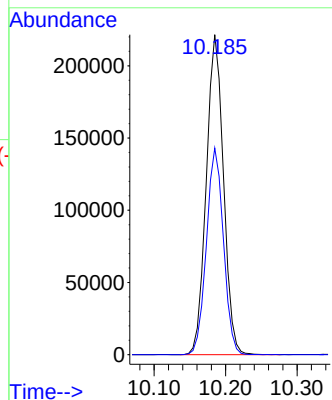
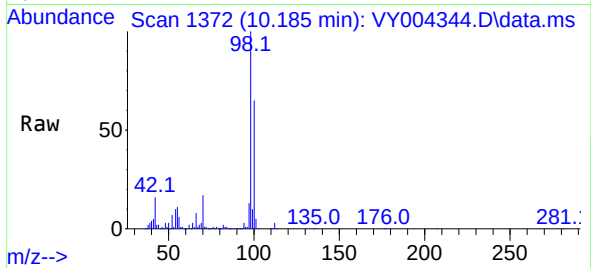




#50
Toluene-d8
Concen: 59.86 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004344.D
Acq: 08 Apr 2021 18:38

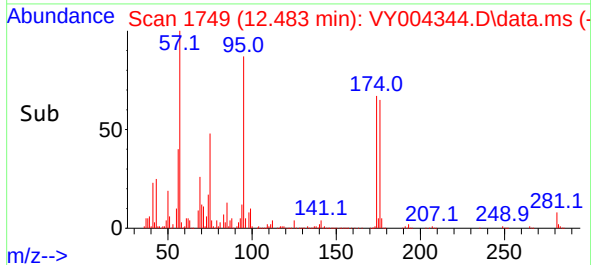
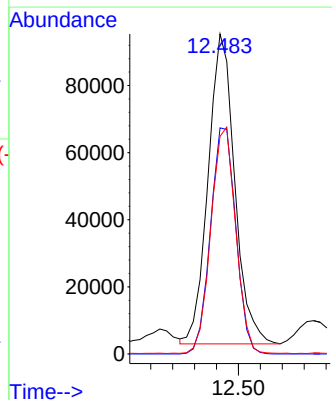
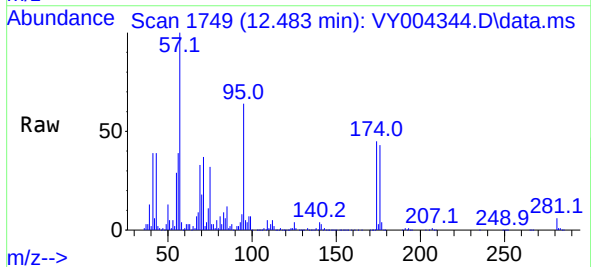
Instrument :
MSVOA_Y
ClientSampled :
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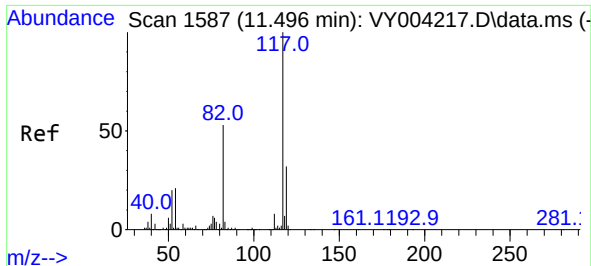
Tgt Ion: 98 Resp: 370244
Ion Ratio Lower Upper
98 100
100 63.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 73.42 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004344.D
Acq: 08 Apr 2021 18:38

Tgt Ion: 95 Resp: 155654
Ion Ratio Lower Upper
95 100
174 69.4 0.0 171.4
176 68.2 0.0 165.6



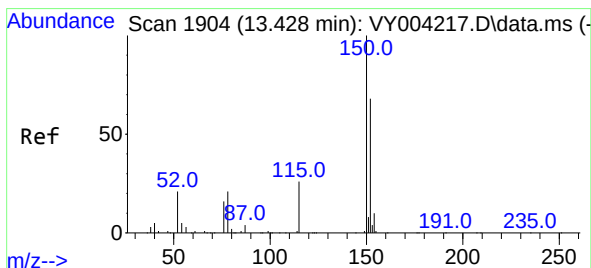
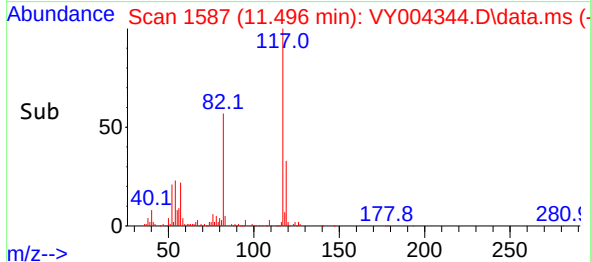
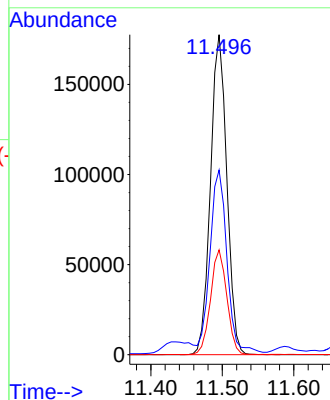
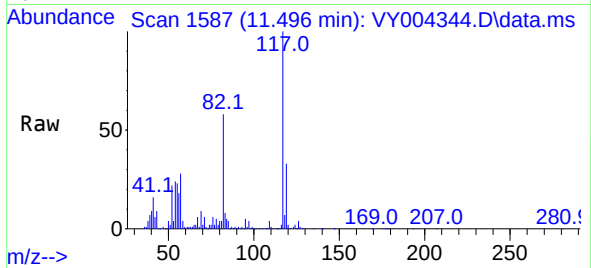


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004344.D
Acq: 08 Apr 2021 18:38

Instrument :
MSVOA_Y
ClientSampled :
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Tgt Ion:117 Resp: 281007

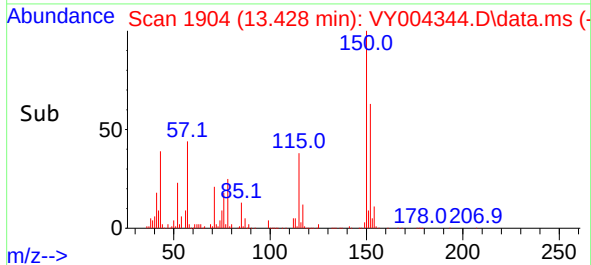
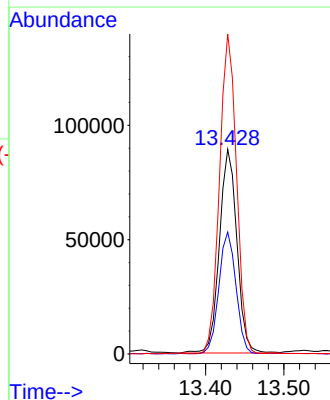
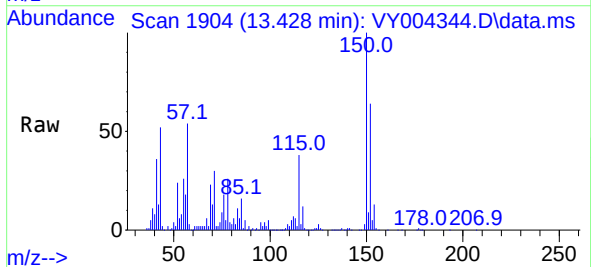
Ion	Ratio	Lower	Upper
117	100		
82	55.4	42.7	64.1
119	32.7	25.7	38.5

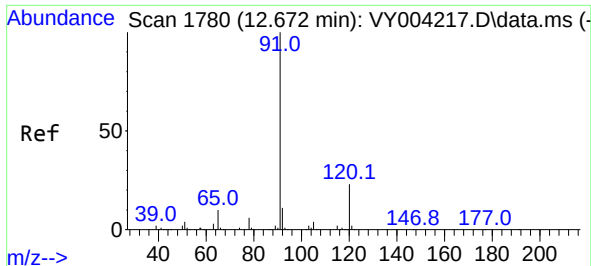


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004344.D
Acq: 08 Apr 2021 18:38

Tgt Ion:152 Resp: 139194

Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.0	87.1
150	151.9	0.0	347.4

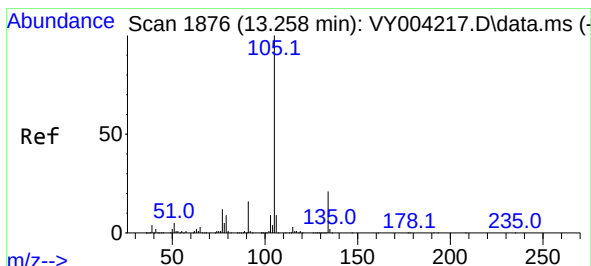
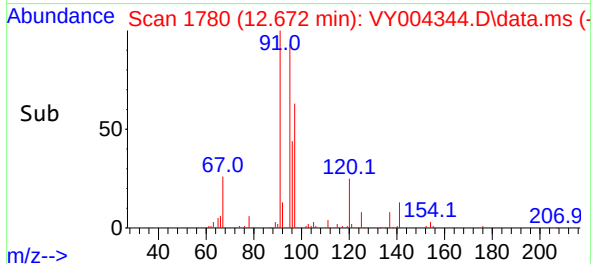
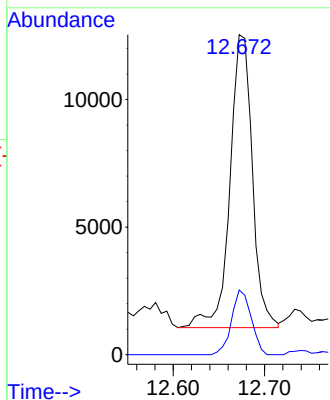
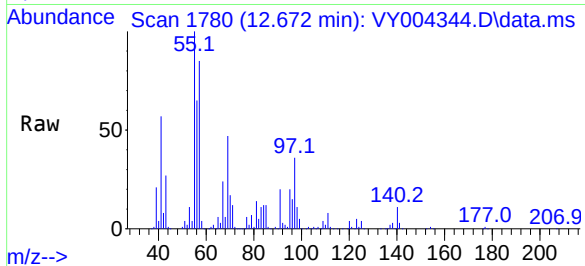




#78
n-propylbenzene
Concen: 1.67 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004344.D
Acq: 08 Apr 2021 18:38

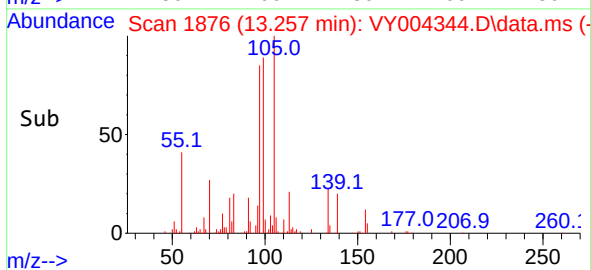
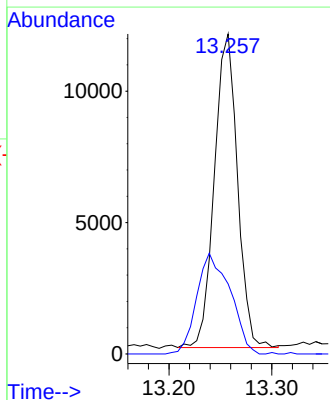
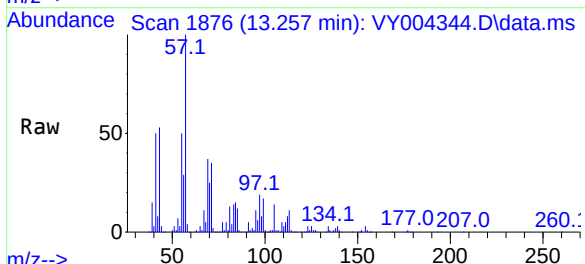
Instrument :
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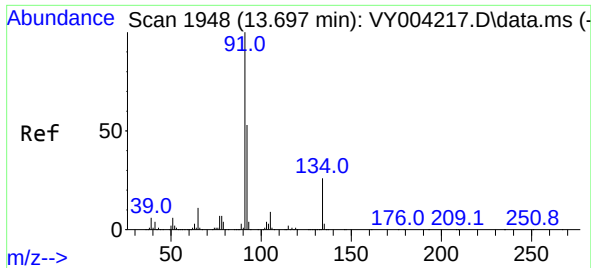
Tgt Ion: 91 Resp: 19615
Ion Ratio Lower Upper
91 100
120 19.2 11.9 35.5



#85
sec-Butylbenzene
Concen: 1.88 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VY004344.D
Acq: 08 Apr 2021 18:38

Tgt Ion: 105 Resp: 18594
Ion Ratio Lower Upper
105 100
134 46.5 10.4 31.4#





#89
n-Butylbenzene
Concen: 3.89 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY004344.D
Acq: 08 Apr 2021 18:38

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:	91	Resp:	32817
Ion	Ratio	Lower	Upper
91	100		
92	46.3	26.5	79.4
134	19.8	13.6	40.7

