

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032521\
 Data File : VY004198.D
 Acq On : 25 Mar 2021 12:51
 Operator : SY/MD
 Sample : M1817-01
 Misc : 9.71g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PHC-326FB-002

Quant Time: Mar 26 01:13:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

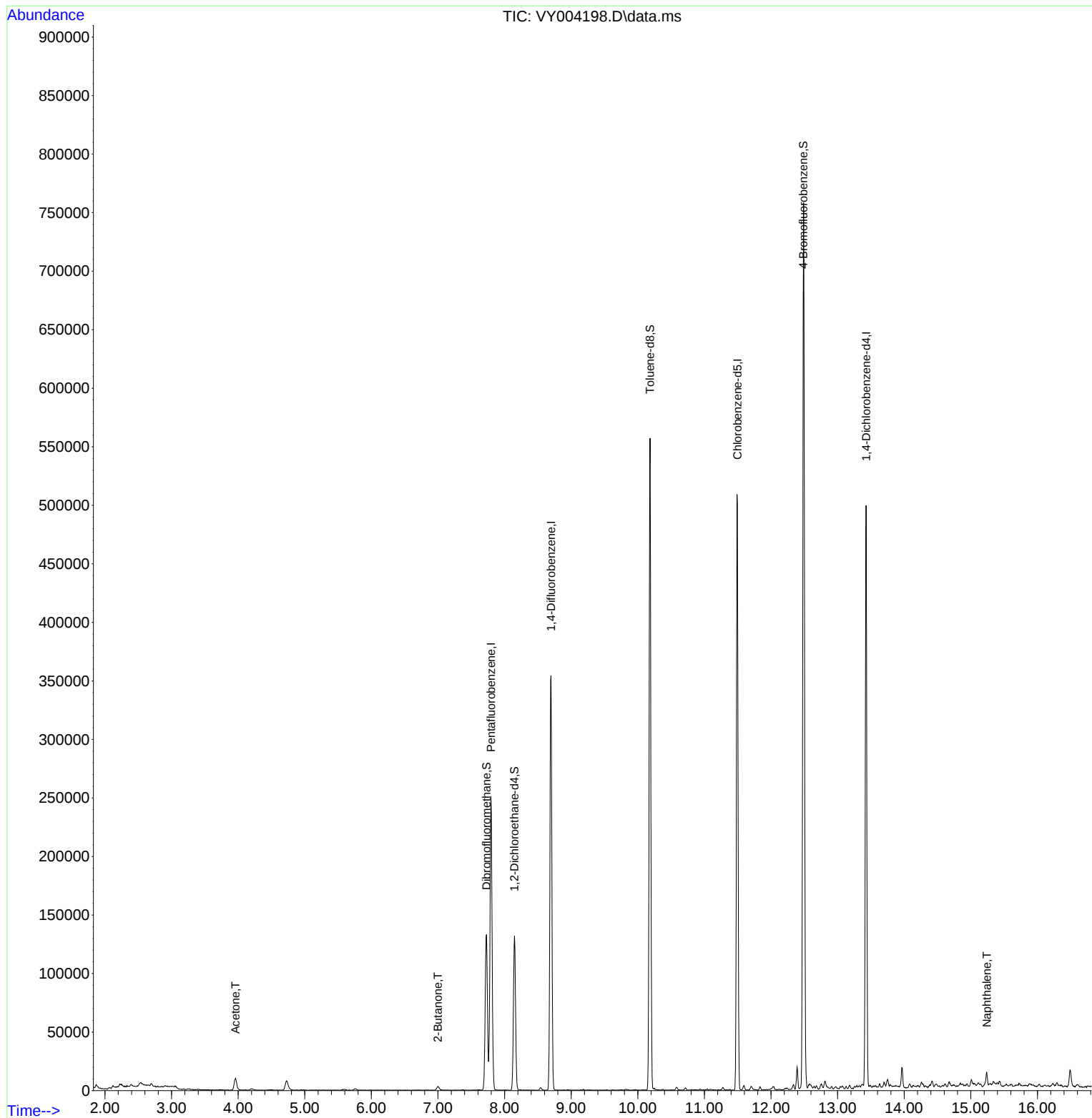
Internal Standards						
1) Pentafluorobenzene	7.795	168	191672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	309675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	274254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	102821	54.36	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.72%			
35) Dibromofluoromethane	7.728	113	93030	53.27	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.54%			
50) Toluene-d8	10.185	98	360510	52.66	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.32%			
62) 4-Bromofluorobenzene	12.483	95	123468	48.83	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.66%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	17255	37.79	ug/l	97
25) 2-Butanone	6.996	43	5369	8.16	ug/l	98
95) Naphthalene	15.239	128	8839	1.91	ug/l #	95

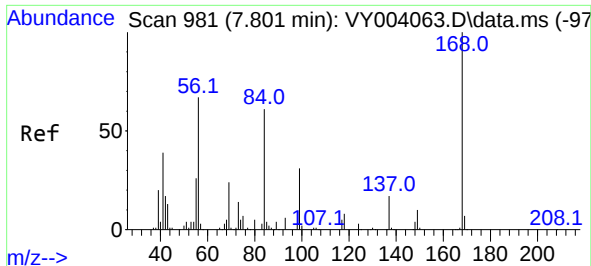
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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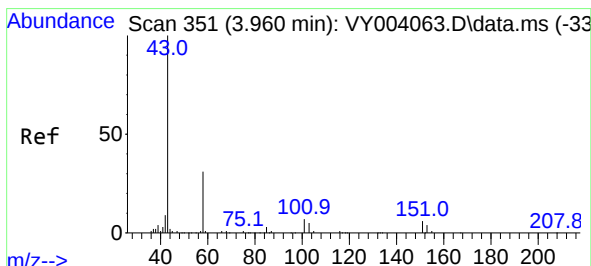
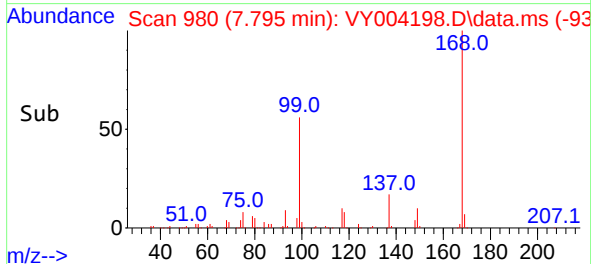
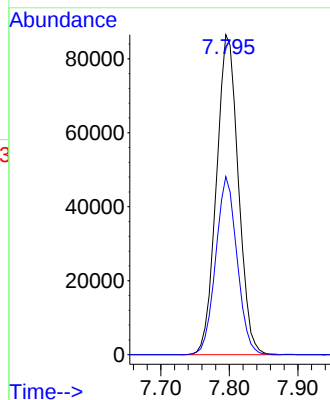
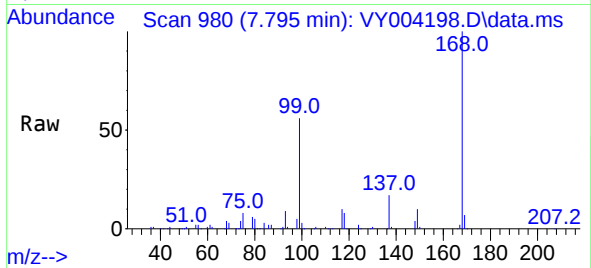




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

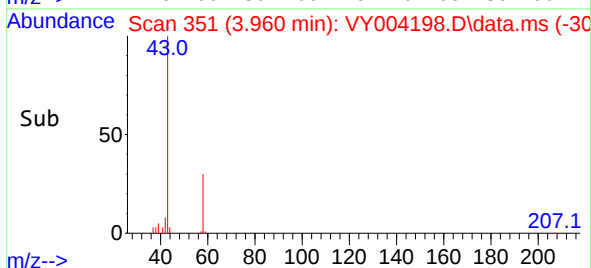
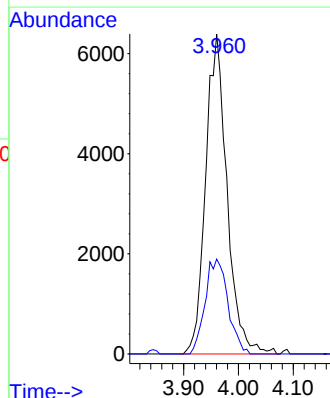
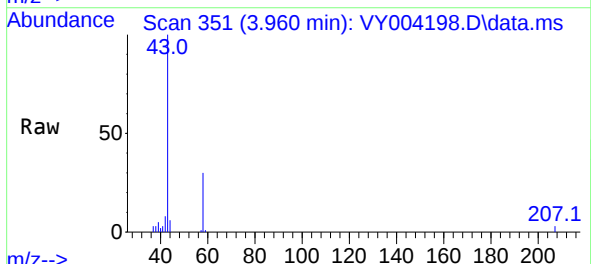
Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-002

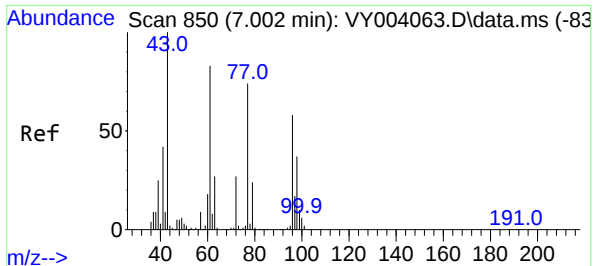
Tgt Ion:168 Resp: 191672
Ion Ratio Lower Upper
168 100
99 55.7 41.2 61.8



#16
Acetone
Concen: 37.79 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

Tgt Ion: 43 Resp: 17255
Ion Ratio Lower Upper
43 100
58 29.7 22.6 34.0

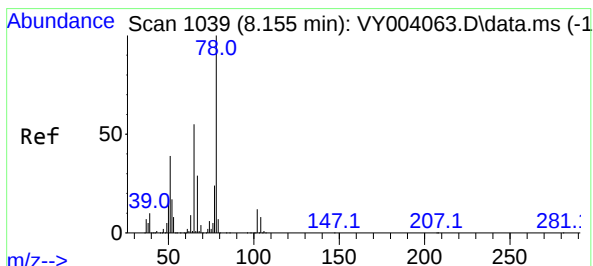
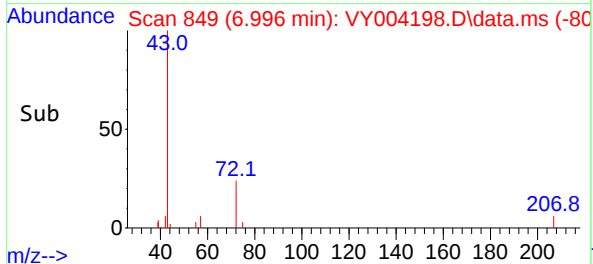
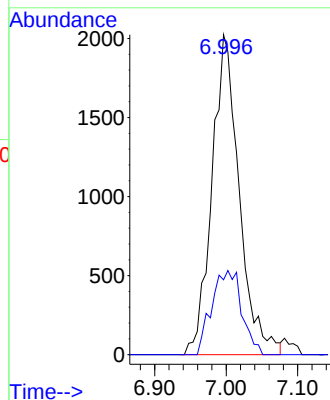
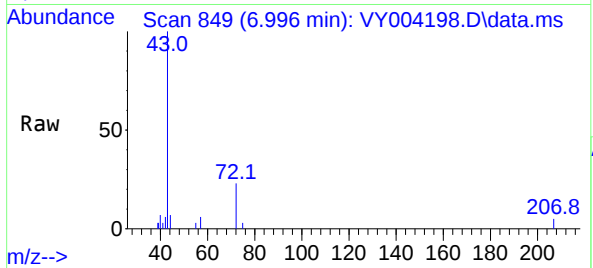




#25
2-Butanone
Concen: 8.16 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

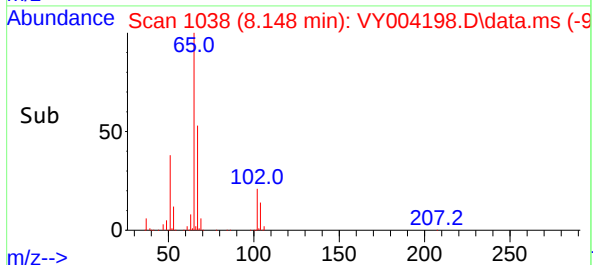
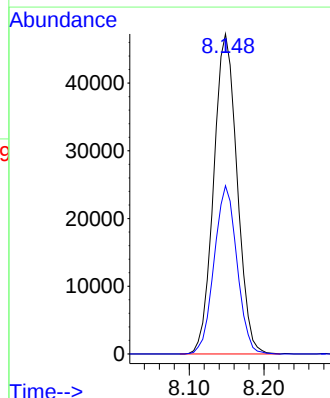
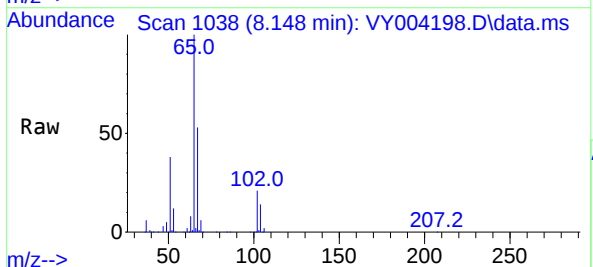
Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-002

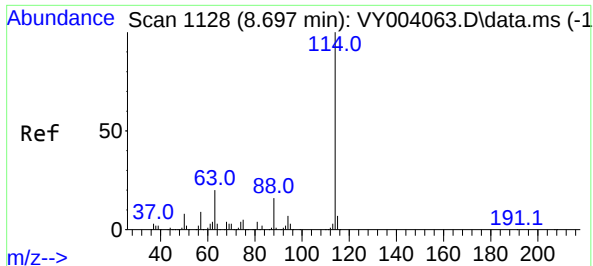
Tgt Ion: 43 Resp: 5369
Ion Ratio Lower Upper
43 100
72 23.4 19.4 29.0



#33
1,2-Dichloroethane-d4
Concen: 54.36 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

Tgt Ion: 65 Resp: 102821
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4

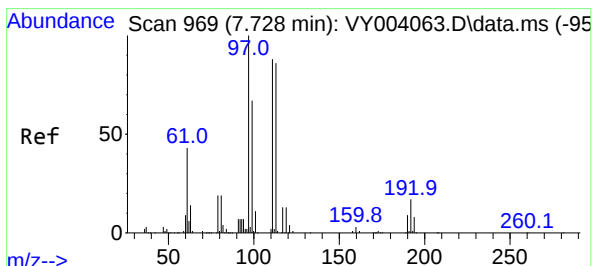
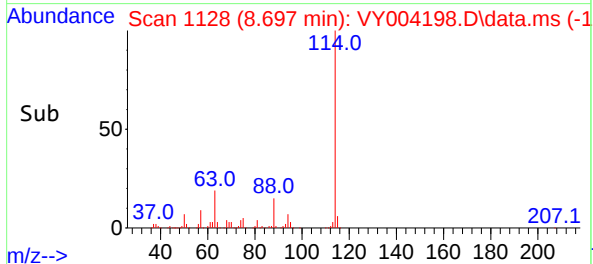
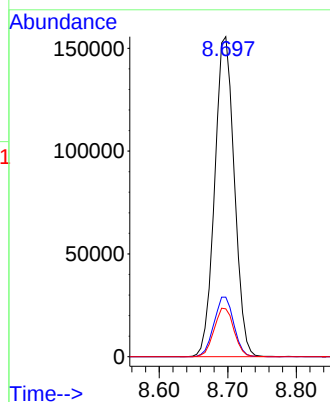
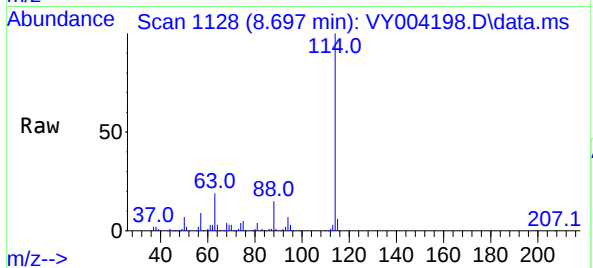




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

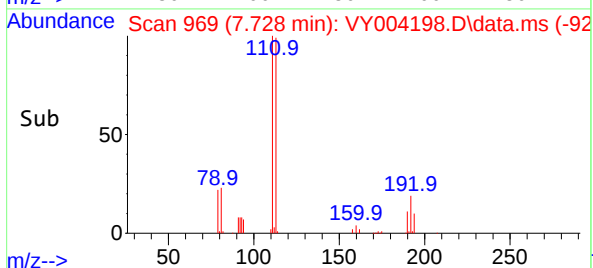
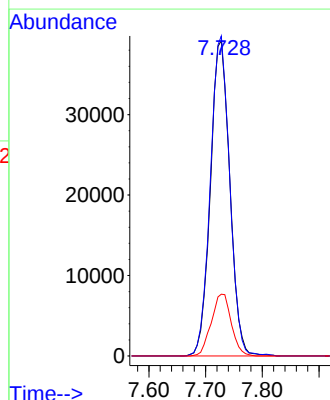
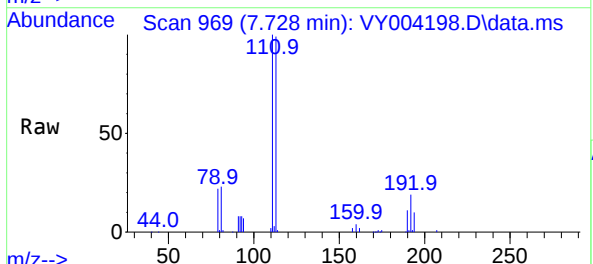
Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-002

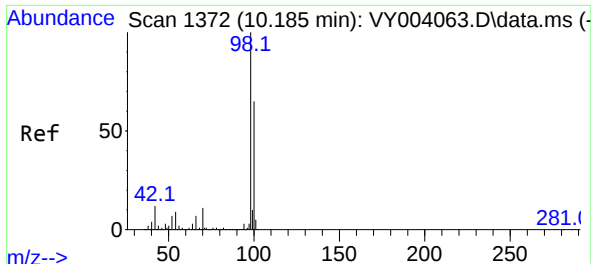
Tgt Ion:	114	Resp:	309675
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	41.6
88	14.9	0.0	31.4



#35
Dibromofluoromethane
Concen: 53.27 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

Tgt Ion:	113	Resp:	93030
Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.2	124.8
192	20.2	18.5	27.7

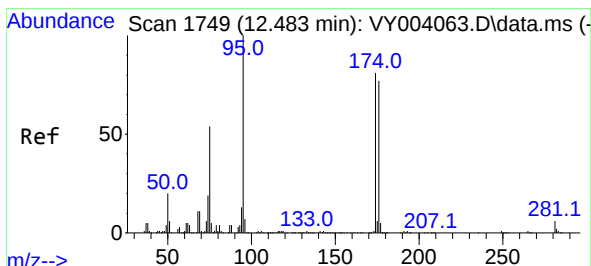
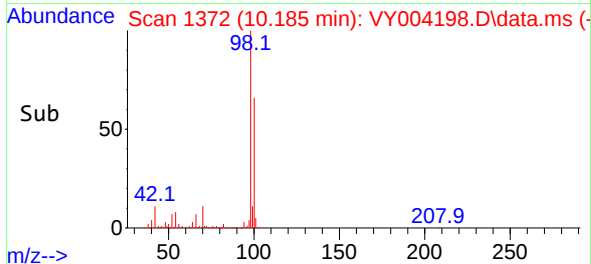
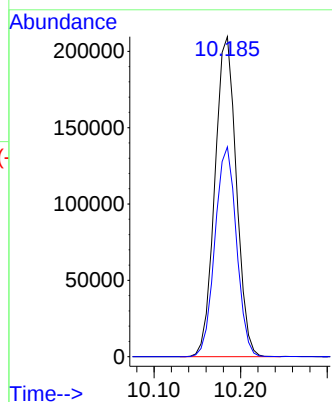
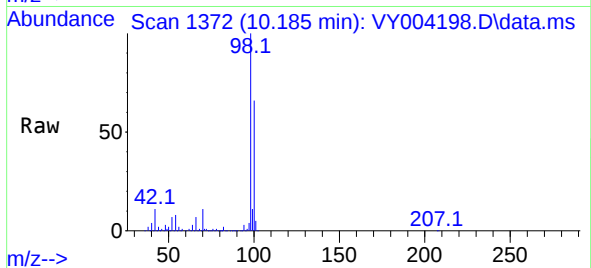




#50
Toluene-d8
Concen: 52.66 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

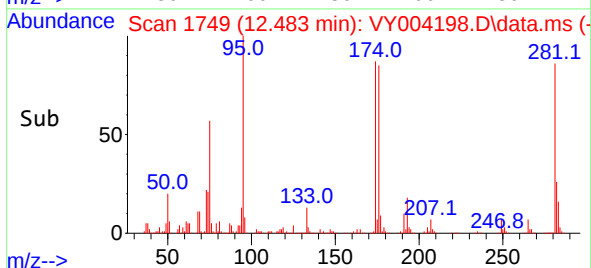
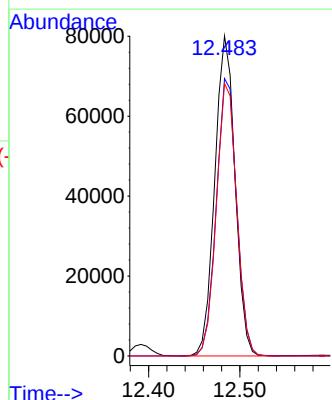
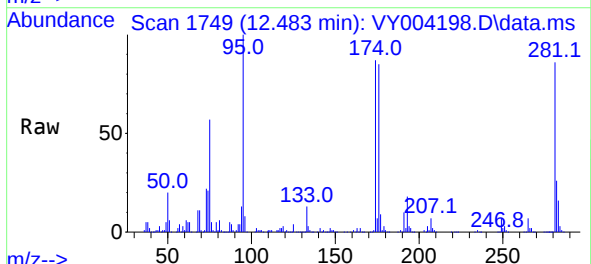
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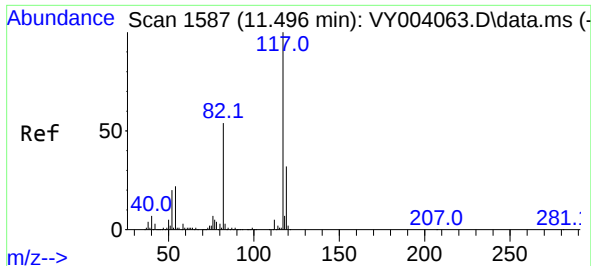
Tgt Ion: 98 Resp: 360510
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.83 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

Tgt Ion: 95 Resp: 123468
Ion Ratio Lower Upper
95 100
174 87.0 0.0 179.0
176 85.6 0.0 174.4



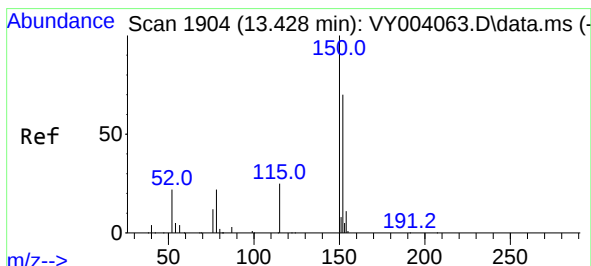
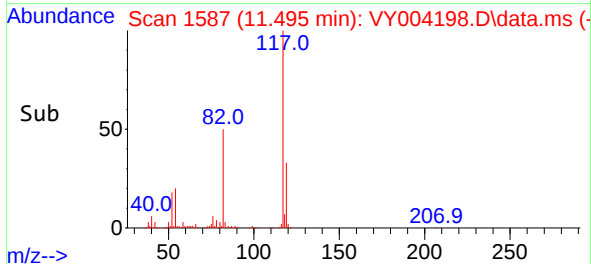
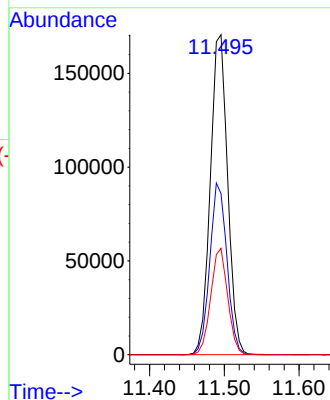
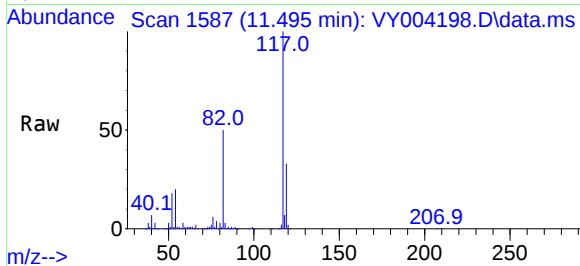


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-002

Tgt Ion:117 Resp: 274254

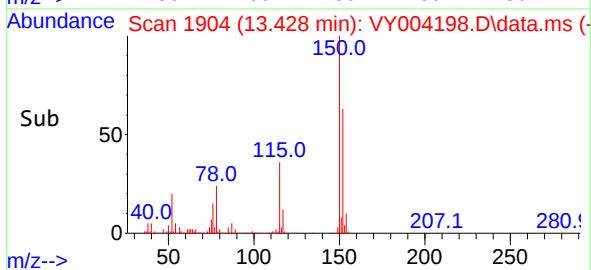
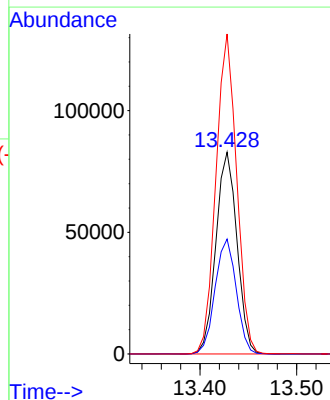
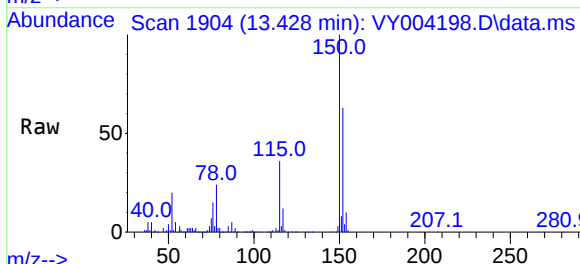
Ion	Ratio	Lower	Upper
117	100		
82	50.4	43.8	65.6
119	33.3	26.2	39.2

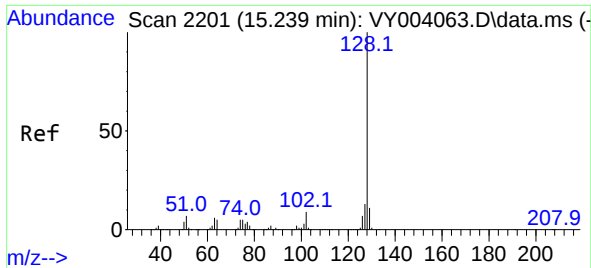


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

Tgt Ion:152 Resp: 125397

Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.2	84.6
150	156.1	0.0	347.2





#95
Naphthalene
Concen: 1.91 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004198.D
Acq: 25 Mar 2021 12:51

Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-002

Tgt Ion:	128	Resp:	8839
Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.6	16.0
129	13.6	8.7	13.1#

