

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068683.D
 Acq On : 26 Mar 2021 14:40
 Operator : VA/SY
 Sample : M1838-01
 Misc : 7.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PHC-BEAPT-001

Quant Time: Mar 27 00:43:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

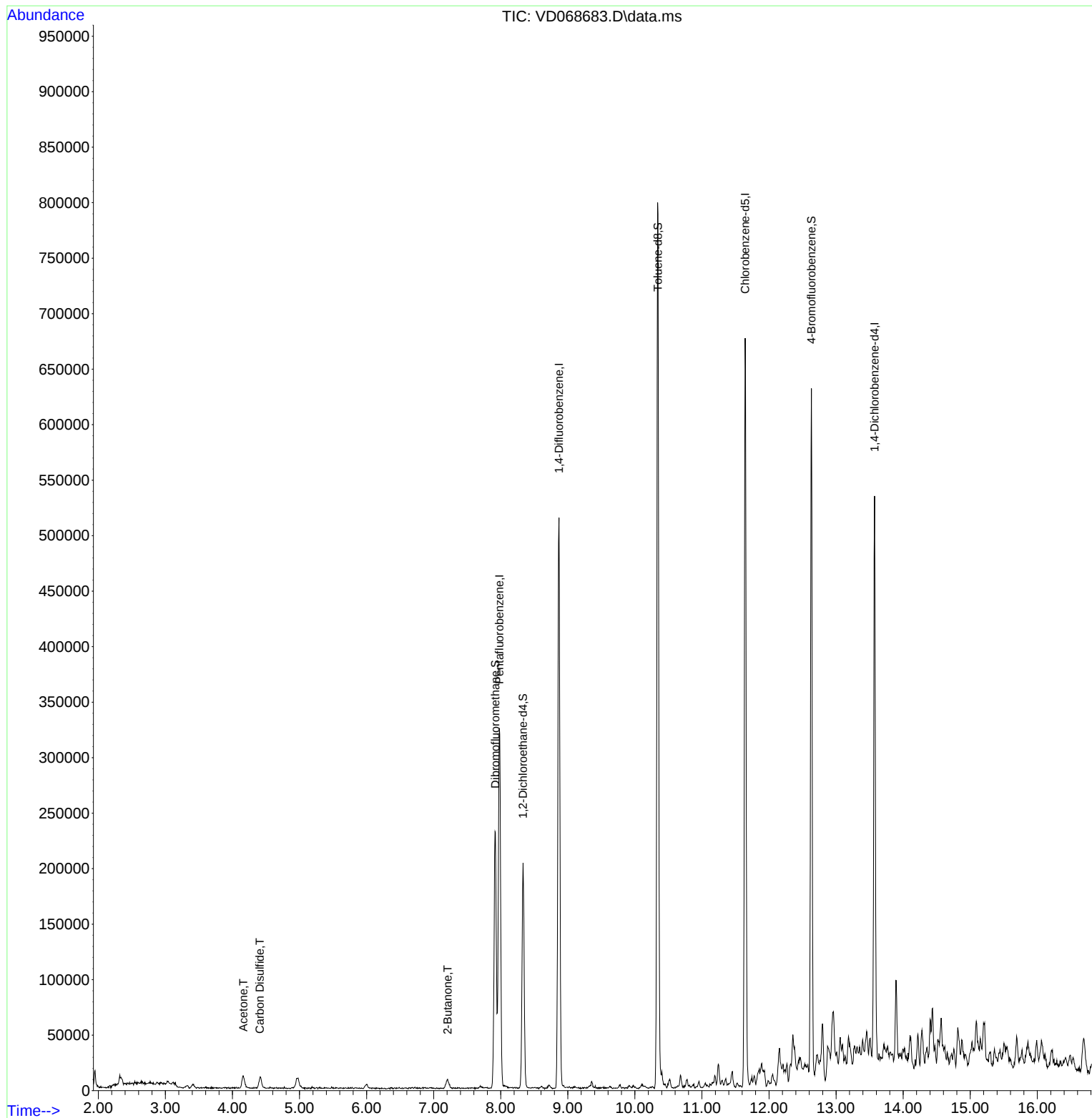
Internal Standards						
1) Pentafluorobenzene	7.979	168	253783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	476663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	407195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	139688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	158470	61.93	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.86%	
35) Dibromofluoromethane	7.920	113	170611	57.53	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.06%	
50) Toluene-d8	10.344	98	574074	50.21	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.42%	
62) 4-Bromofluorobenzene	12.632	95	165207	44.56	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.12%	
Target Compounds						
						Qvalue
16) Acetone	4.162	43	20391	65.68	ug/l	94
17) Carbon Disulfide	4.409	76	21026	3.26	ug/l	95
25) 2-Butanone	7.209	43	6517	12.67	ug/l #	72

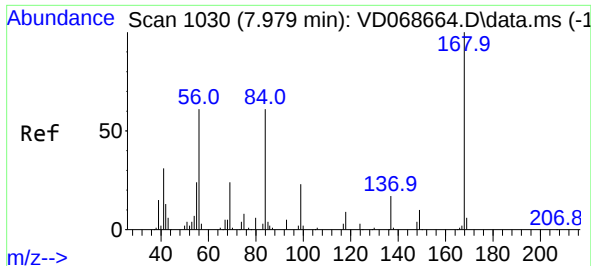
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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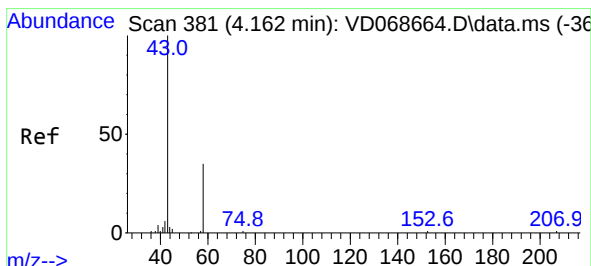
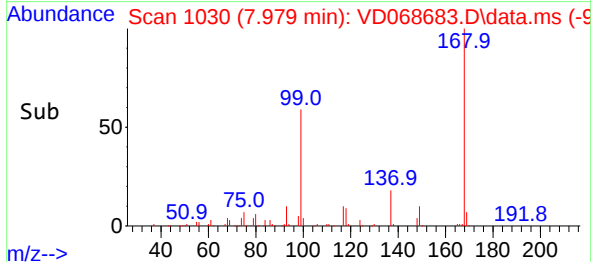
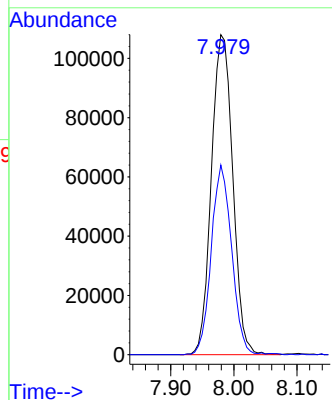
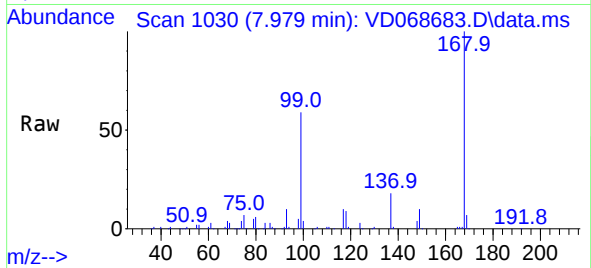




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

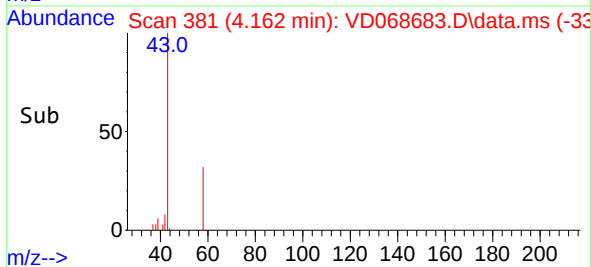
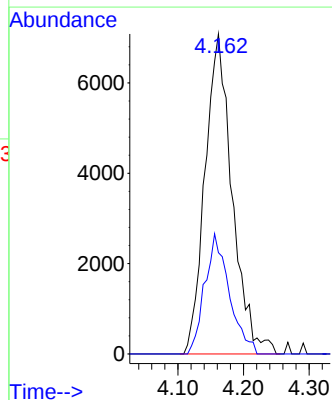
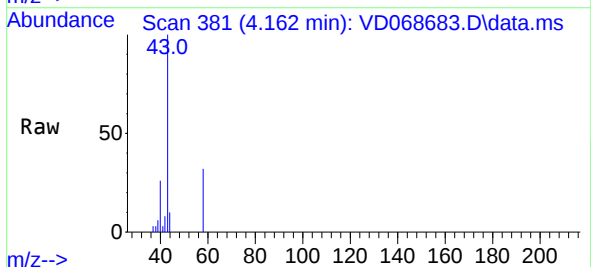
Instrument :
MSVOA_D
ClientSampleId :
PHC-BEAPT-001

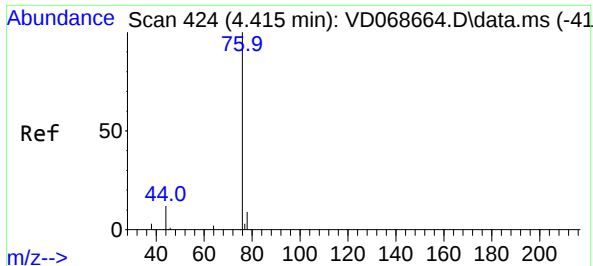
Tgt Ion:168 Resp: 253783
Ion Ratio Lower Upper
168 100
99 59.2 46.2 69.2



#16
Acetone
Concen: 65.68 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

Tgt Ion: 43 Resp: 20391
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0

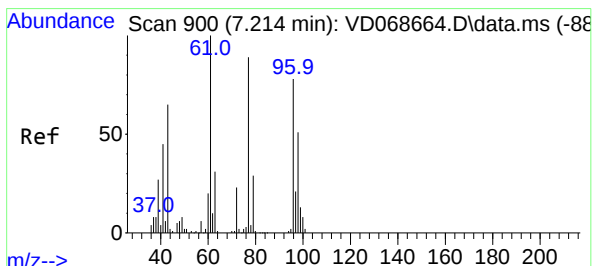
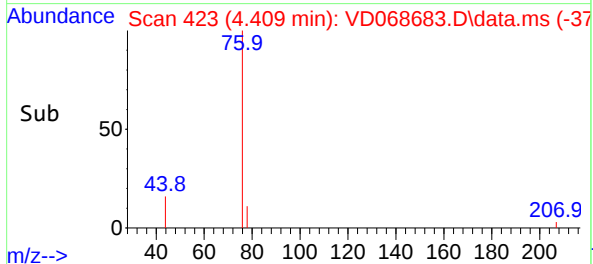
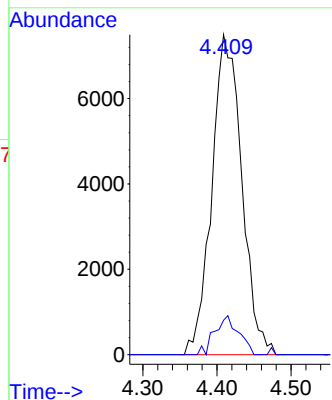
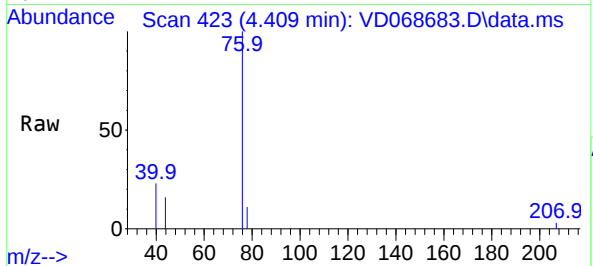




#17
Carbon Disulfide
Concen: 3.26 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

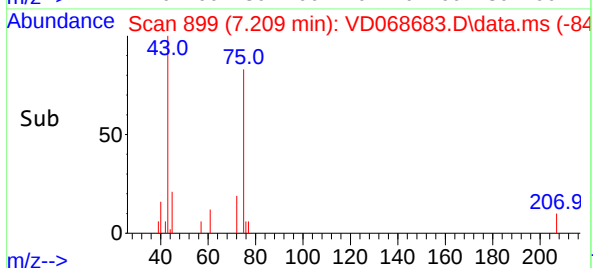
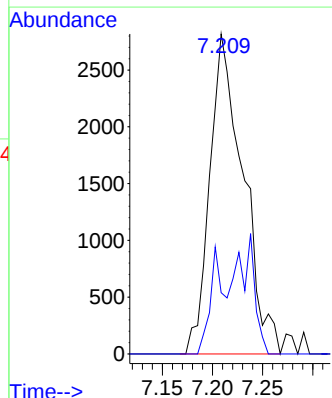
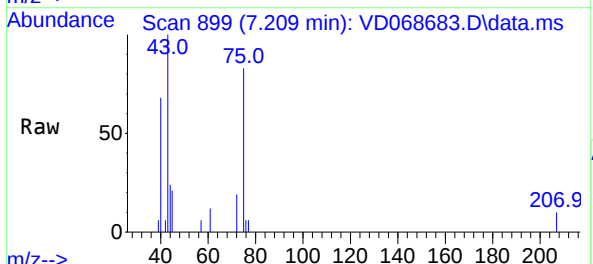
Instrument :
MSVOA_D
ClientSampleId :
PHC-BEAPT-001

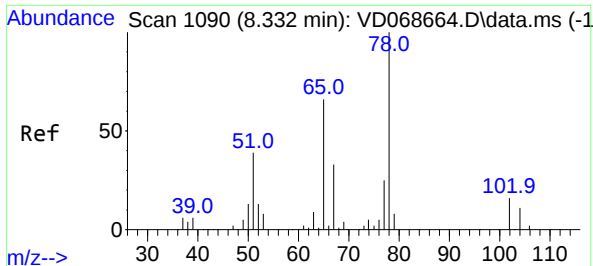
Tgt Ion: 76 Resp: 21026
Ion Ratio Lower Upper
76 100
78 10.8 7.3 10.9



#25
2-Butanone
Concen: 12.67 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

Tgt Ion: 43 Resp: 6517
Ion Ratio Lower Upper
43 100
72 19.1 28.6 43.0#

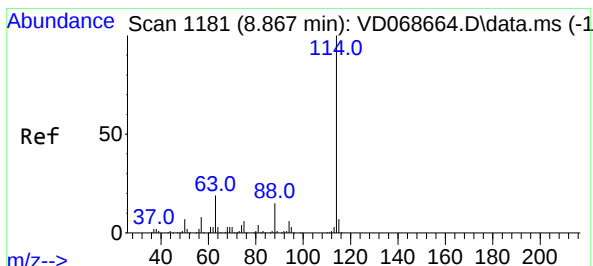
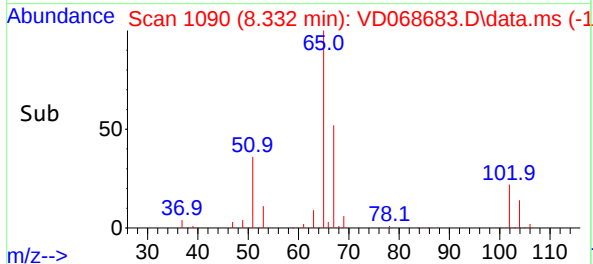
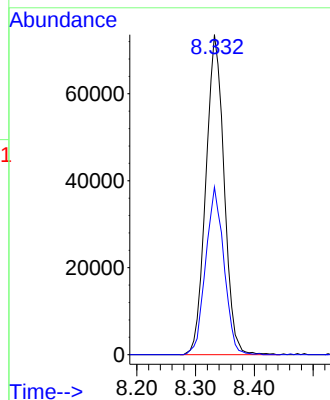
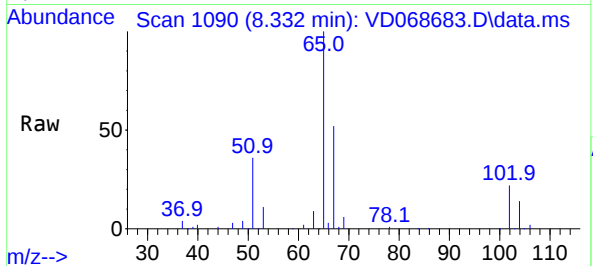




#33
1,2-Dichloroethane-d4
Concen: 61.93 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

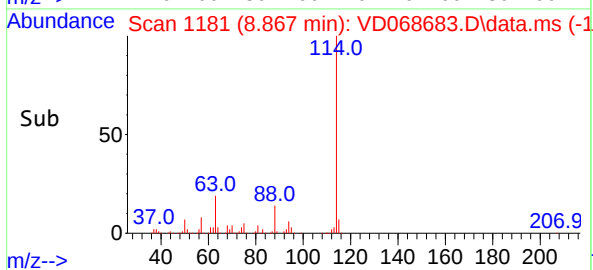
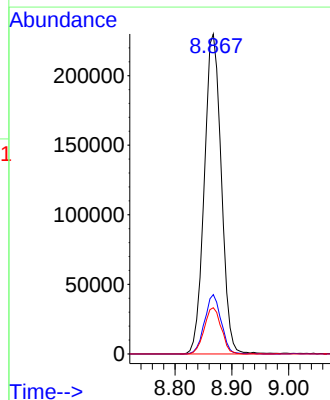
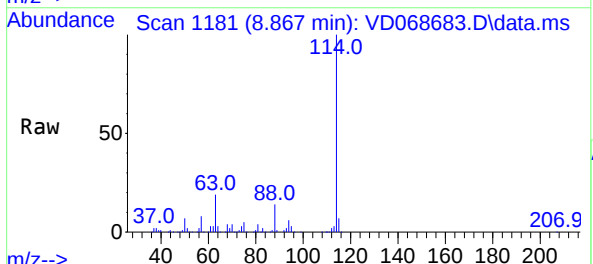
Instrument :
MSVOA_D
ClientSampleId :
PHC-BEAPT-001

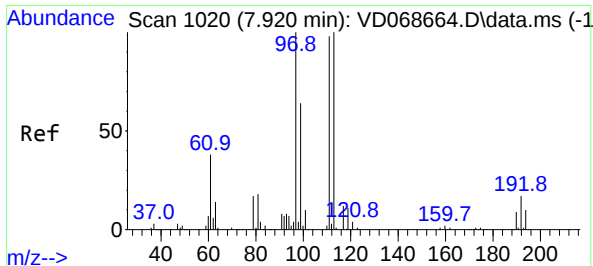
Tgt Ion: 65 Resp: 158470
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

Tgt Ion:114 Resp: 476663
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.2
88 14.5 0.0 29.4



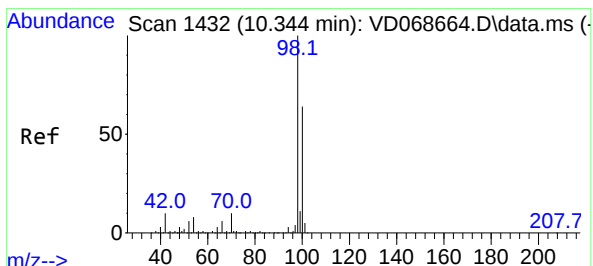
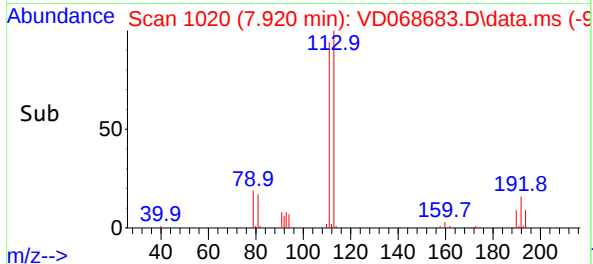
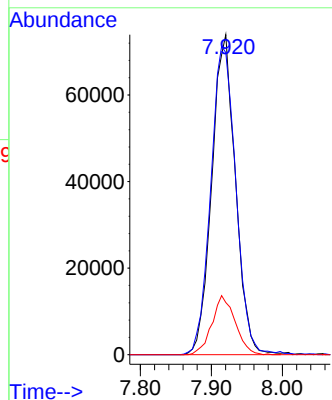
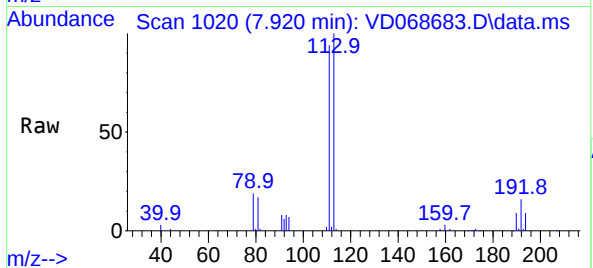


#35

Dibromofluoromethane
Concen: 57.53 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

Instrument :
MSVOA_D
ClientSampleId :
PHC-BEAPT-001

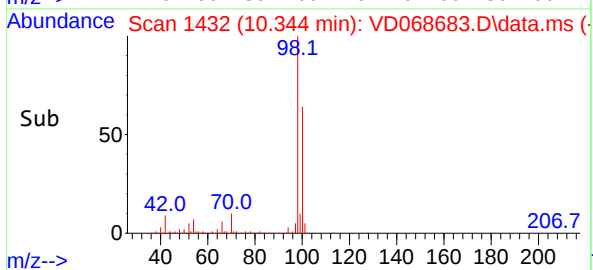
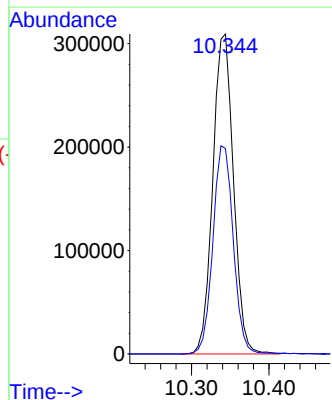
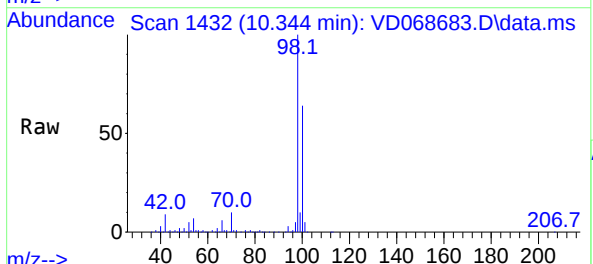
Tgt Ion:113 Resp: 170611
Ion Ratio Lower Upper
113 100
111 102.8 82.5 123.7
192 18.2 15.1 22.7

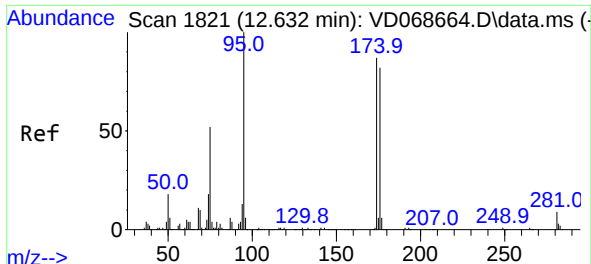


#50

Toluene-d8
Concen: 50.21 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

Tgt Ion: 98 Resp: 574074
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



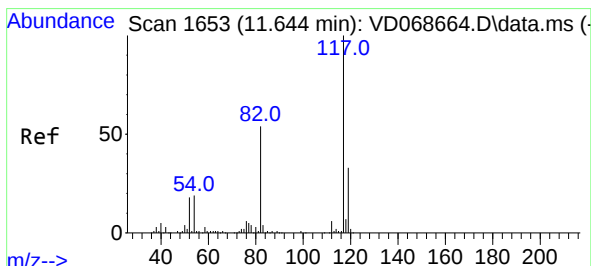
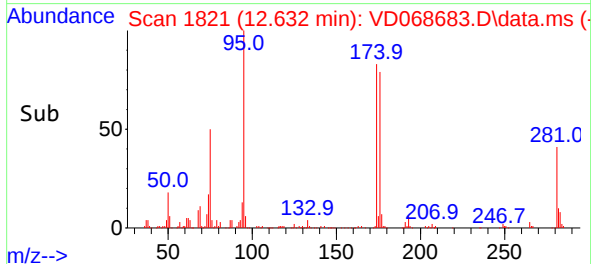
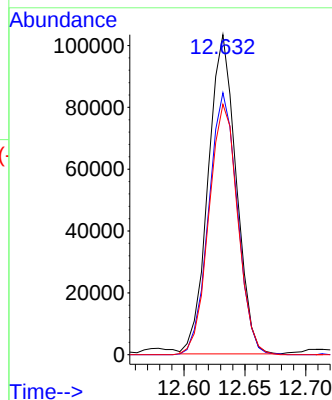
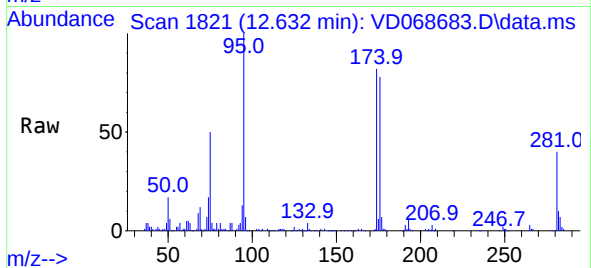


#62
4-Bromofluorobenzene
Concen: 44.56 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

Instrument :
MSVOA_D
ClientSampleId :
PHC-BEAPT-001

Tgt Ion: 95 Resp: 165207

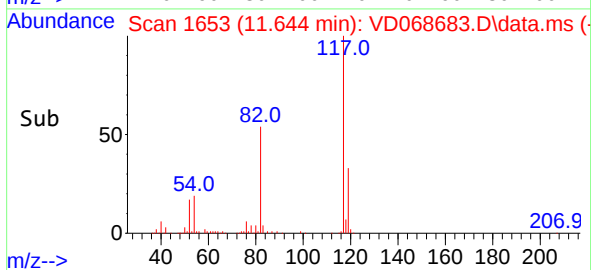
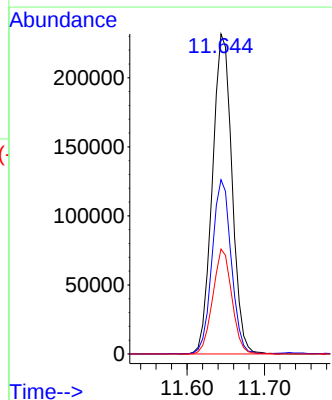
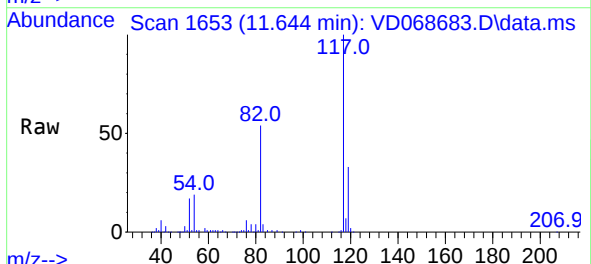
Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	168.0
176	80.9	0.0	160.2

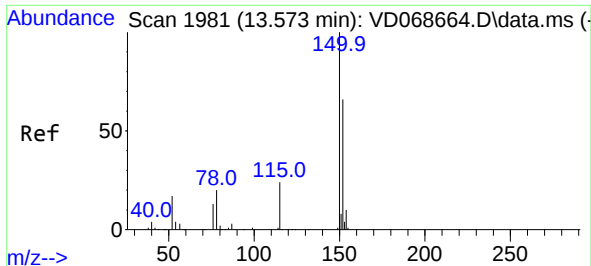


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068683.D
Acq: 26 Mar 2021 14:40

Tgt Ion: 117 Resp: 407195

Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.5	65.3
119	32.8	26.7	40.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD068683.D
 Acq: 26 Mar 2021 14:40

Instrument :
 MSVOA_D
 ClientSampleId :
 PHC-BEAPT-001

Tgt Ion:152 Resp: 139688
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.3 87.8
 150 157.4 0.0 347.6

