

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064896.D
 Acq On : 20 Jan 2020 17:59
 Operator : VA/SY
 Sample : L1189-08
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8-13.5-14.0

Quant Time: Jan 21 05:48:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	435061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	735317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	693447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	323993	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	227913	59.41	ug/l	0.00
Spiked Amount			Recovery	=	118.82%	
35) Dibromofluoromethane	7.92	113	236336	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
50) Toluene-d8	10.34	98	910798	52.71	ug/l	0.00
Spiked Amount			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.64	95	282978	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	

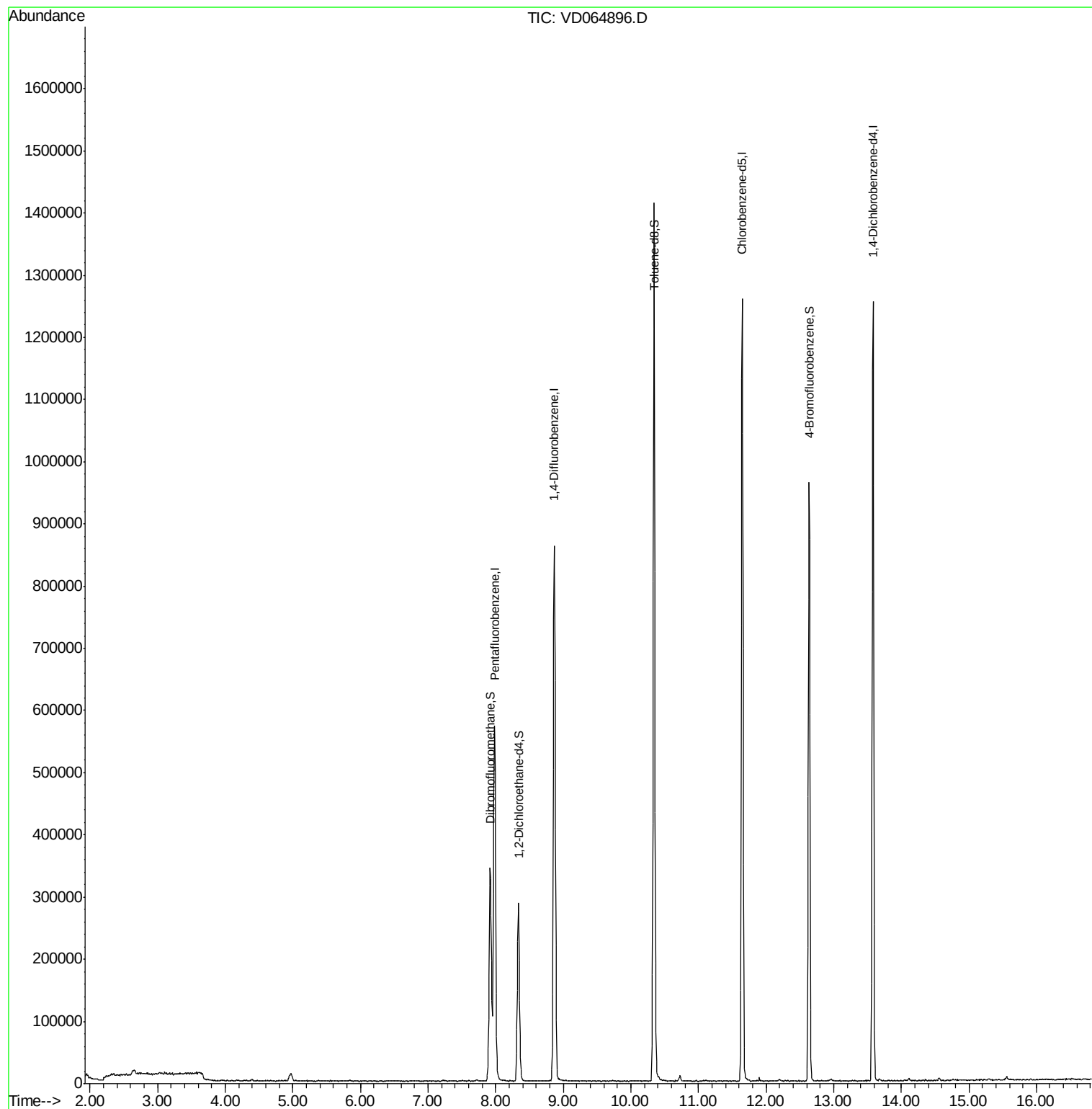
Target Compounds	Qvalue
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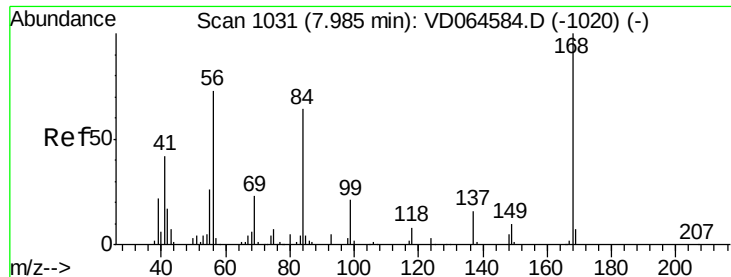
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064896.D

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Instrument :

MSVOA_D

ClientSampleId :

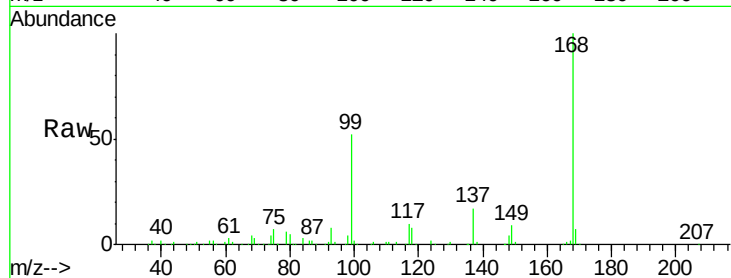
SB-8-13.5-14.0

Tot Ion:168 Resp: 435061

Ion Ratio Lower Upper

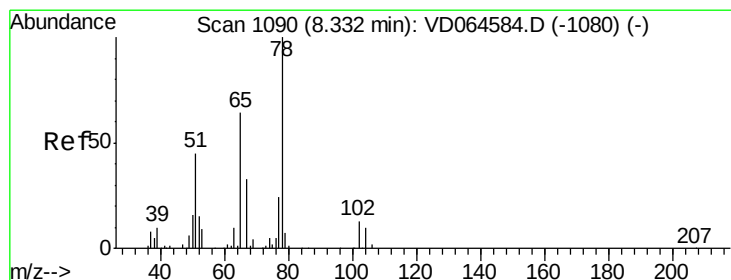
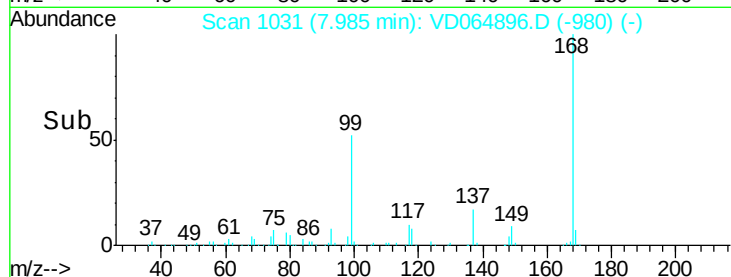
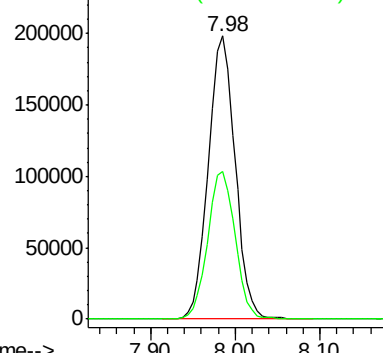
168 100

99 52.1 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 59.409 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064896.D

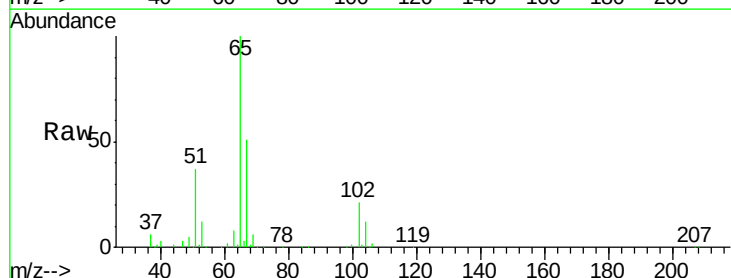
Acq: 20 Jan 2020 17:59

Tgt Ion: 65 Resp: 227913

Ion Ratio Lower Upper

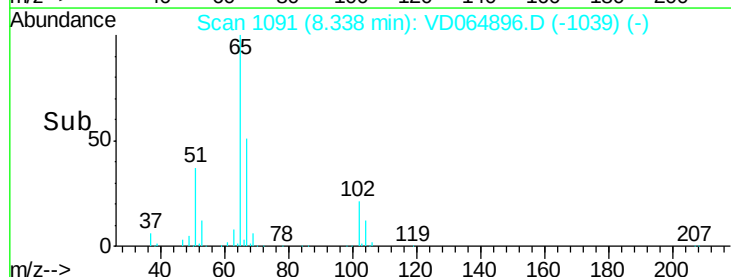
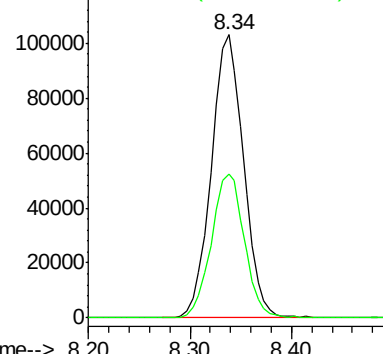
65 100

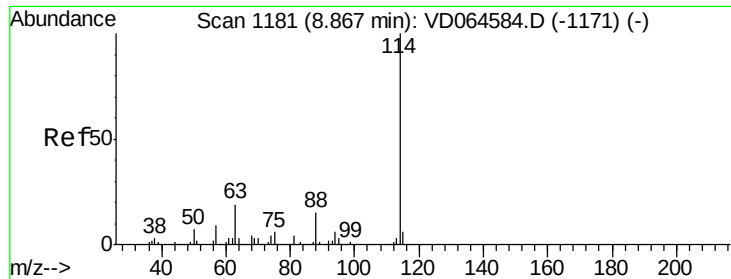
67 52.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

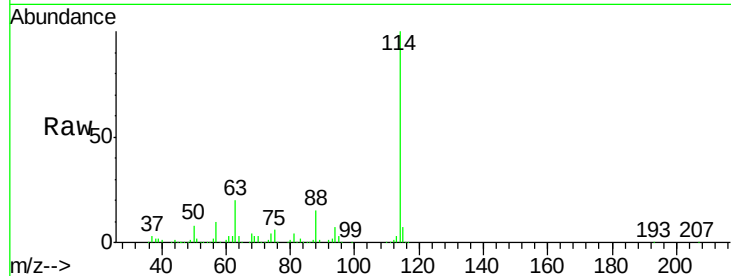




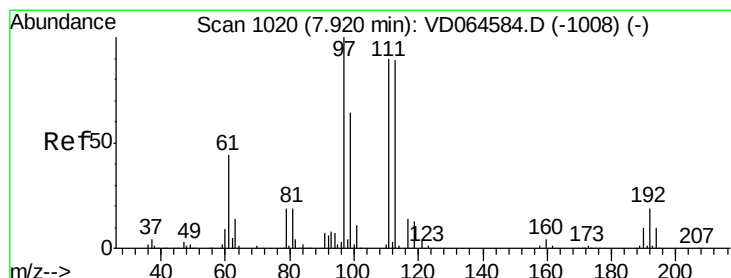
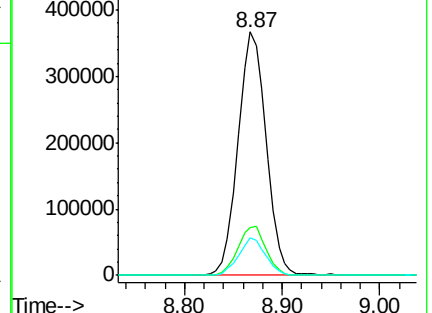
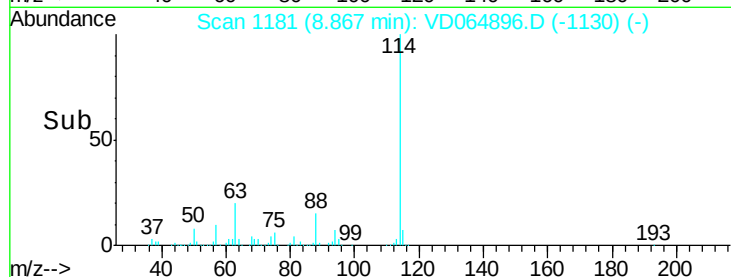
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064896.D
 Acq: 20 Jan 2020 17:59

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8-13.5-14.0

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.0
88	15.2	0.0	29.2

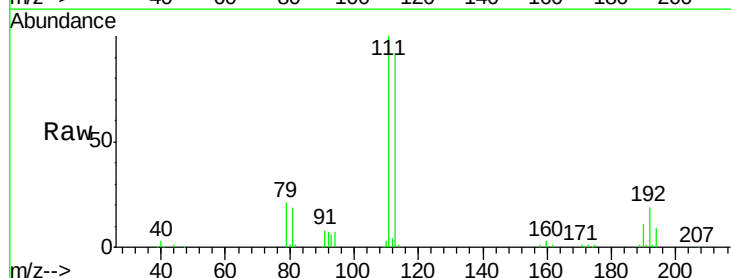


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

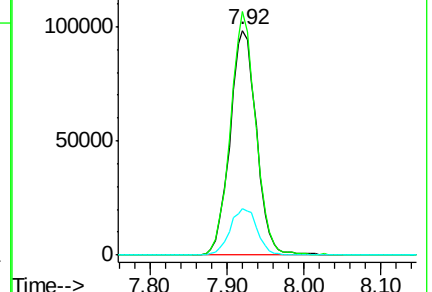
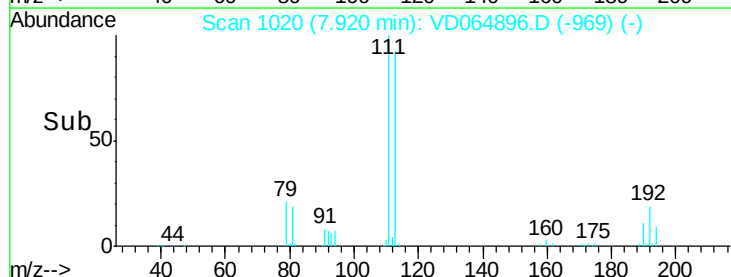


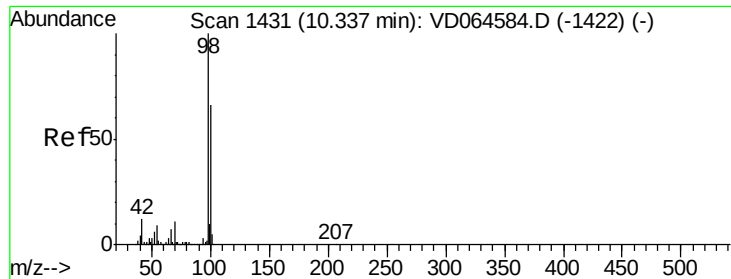
#35
 Dibromofluoromethane
 Concen: 52.388 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064896.D
 Acq: 20 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.6	121.0
192	21.0	17.9	26.9



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

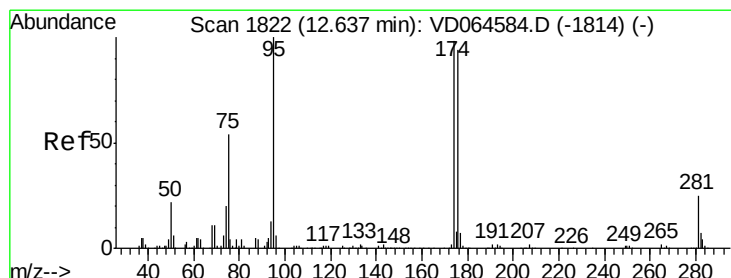
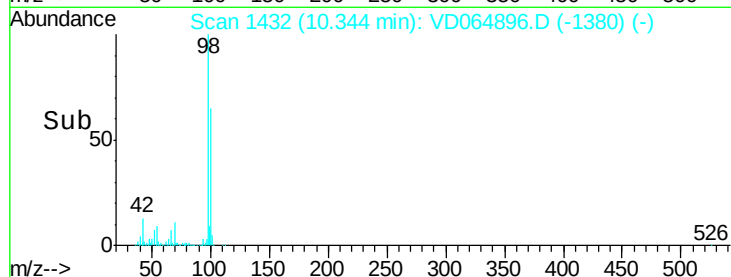
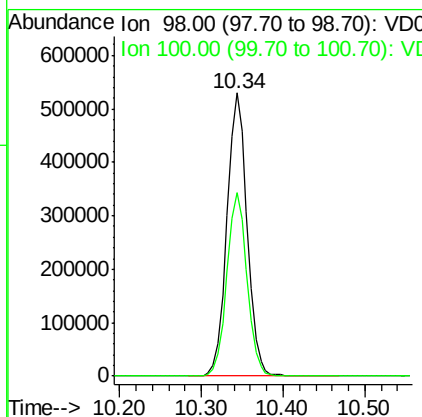
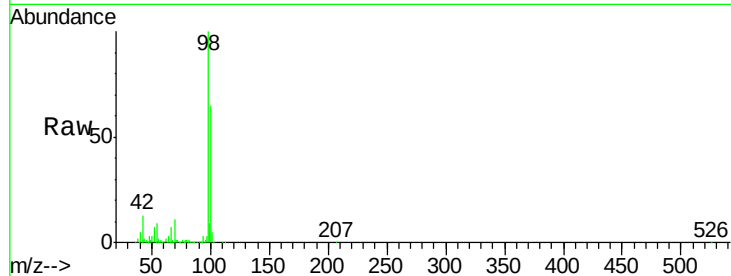




#50
Toluene-d8
Concen: 52.715 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064896.D
Acq: 20 Jan 2020 17:59

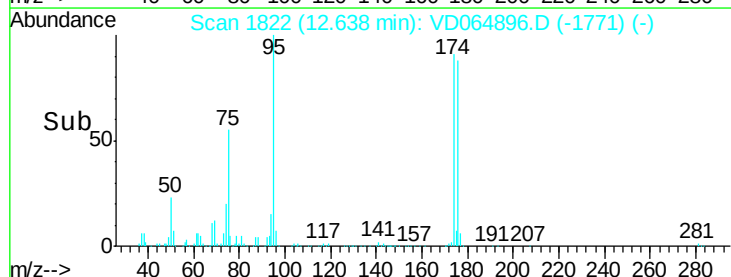
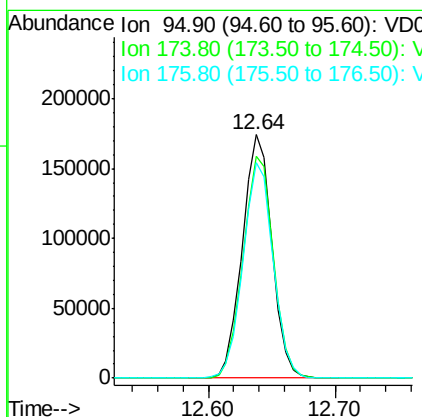
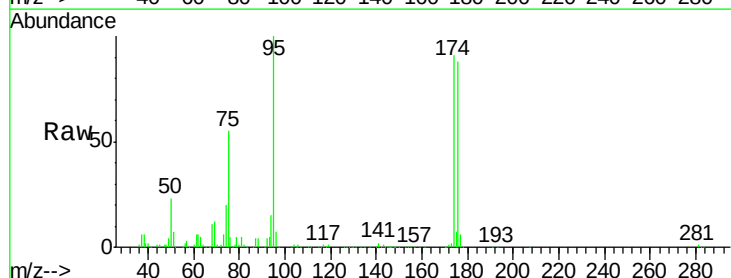
Instrument :
MSVOA_D
ClientSampleId :
SB-8-13.5-14.0

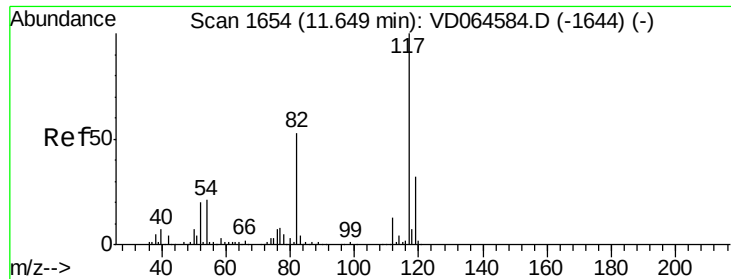
Tot Ion: 98 Resp: 910798
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 51.795 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064896.D
Acq: 20 Jan 2020 17:59

Tgt Ion: 95 Resp: 282978
Ion Ratio Lower Upper
95 100
174 93.4 0.0 193.2
176 89.9 0.0 184.2

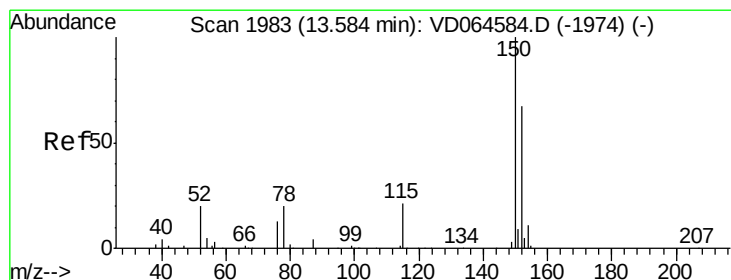
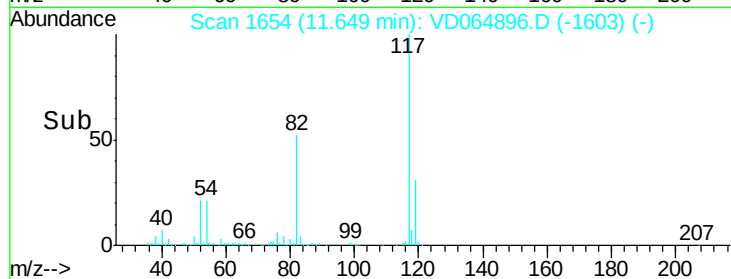
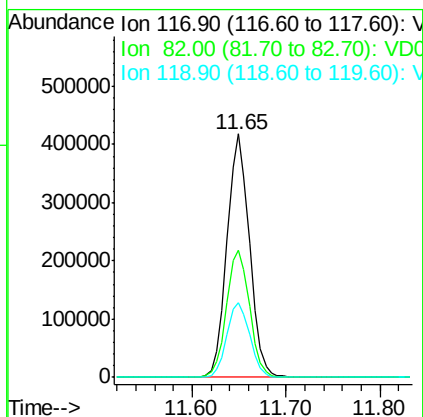
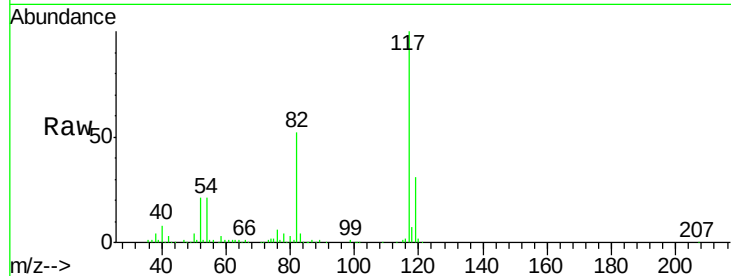




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064896.D
Acq: 20 Jan 2020 17:59

Instrument :
MSVOA_D
ClientSampleId :
SB-8-13.5-14.0

Tot Ion:117 Resp: 693447
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.4
119 30.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064896.D
Acq: 20 Jan 2020 17:59

Tgt Ion:152 Resp: 323993
Ion Ratio Lower Upper
152 100
115 54.8 27.8 83.4
150 158.8 0.0 351.4

