

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063910.D
 Acq On : 10 Oct 2019 15:13
 Operator : VA/SY
 Sample : K5300-03
 Misc : 5.00G/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-18A-S

Quant Time: Oct 11 08:06:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	143205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	241691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	236346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	118440	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	78366	56.21	ug/l	0.00
Spiked Amount						
			Recovery	=	112.42%	
35) Dibromofluoromethane	7.93	113	75380	51.03	ug/l	0.01
Spiked Amount						
			Recovery	=	102.06%	
50) Toluene-d8	10.34	98	309622	51.65	ug/l	0.00
Spiked Amount						
			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.63	95	96113	46.14	ug/l	0.00
Spiked Amount						
			Recovery	=	92.28%	

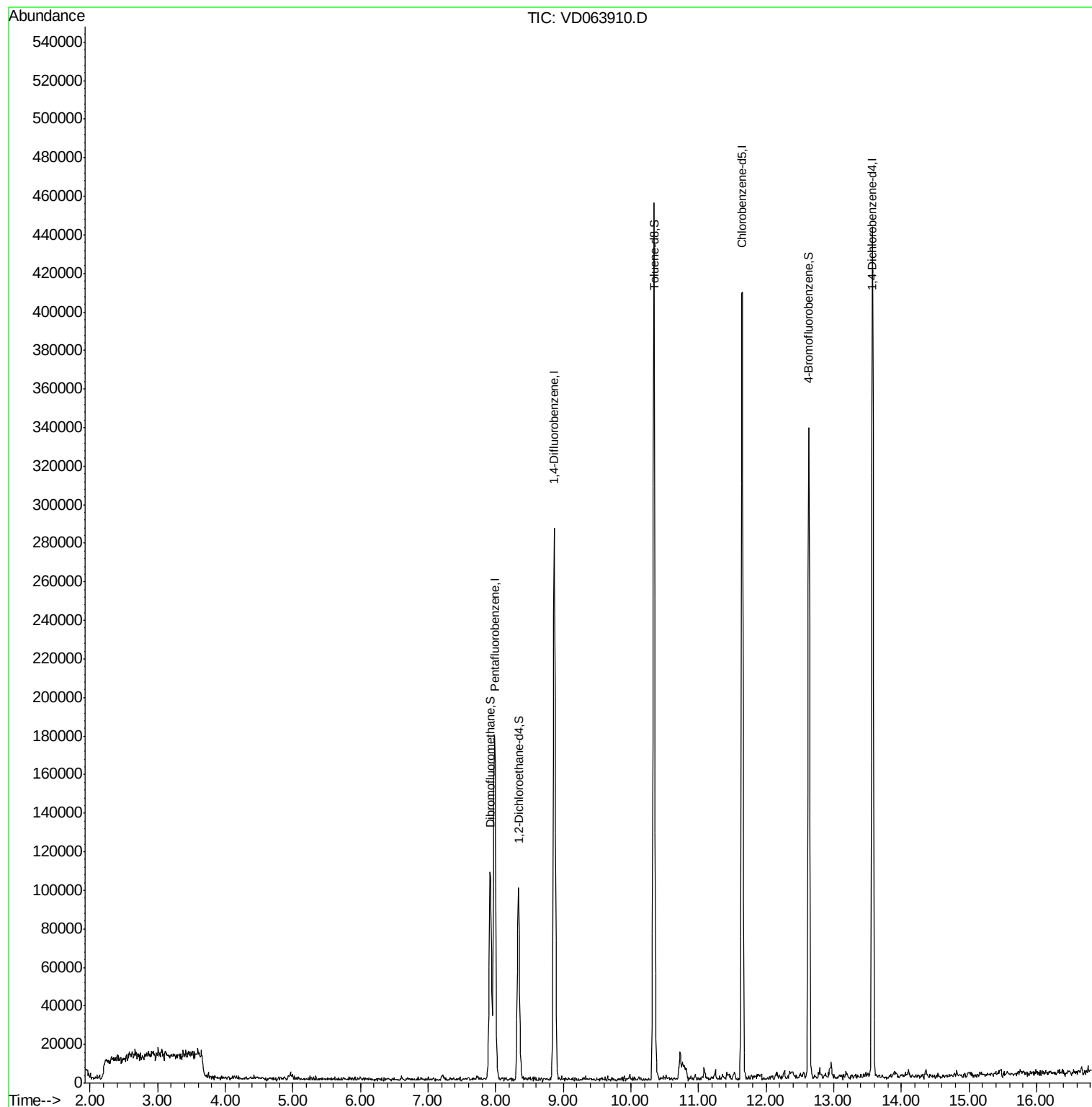
Target Compounds	Qvalue
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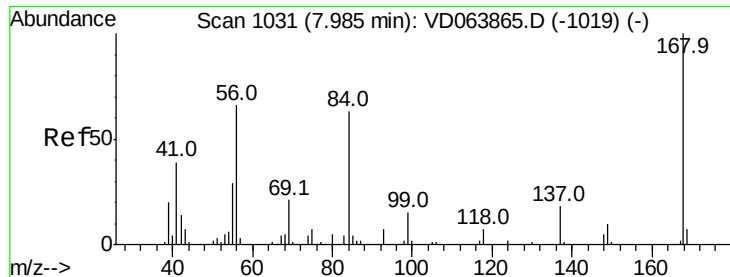
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063910.D

Acq: 10 Oct 2019 15:13

Instrument :

MSVOA_D

ClientSampleId :

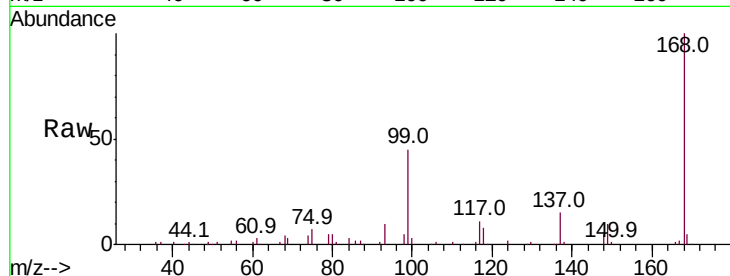
TP-18A-S

Tot Ion:168 Resp: 143205

Ion Ratio Lower Upper

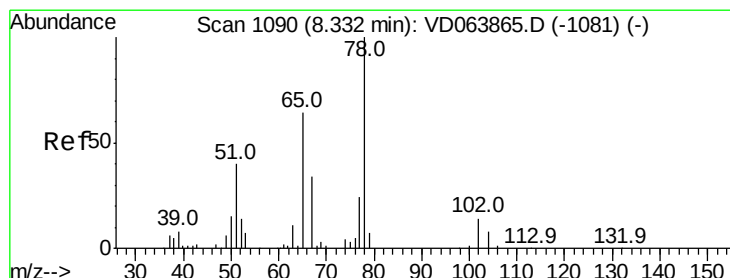
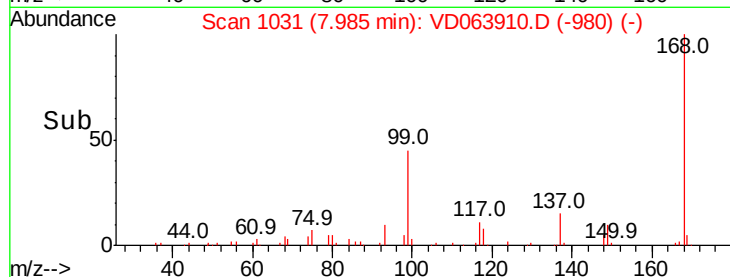
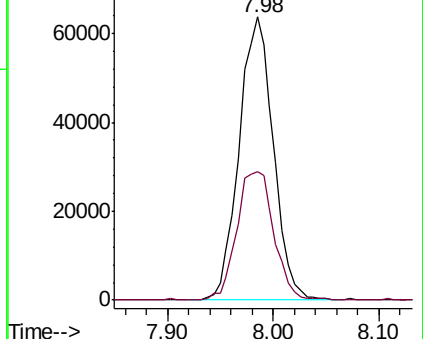
168 100

99 45.5 43.0 64.4



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: 56.208 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063910.D

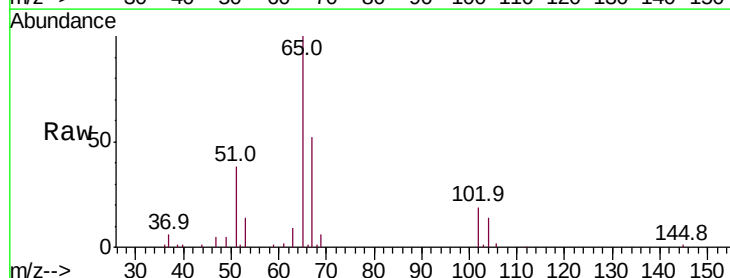
Acq: 10 Oct 2019 15:13

Tgt Ion: 65 Resp: 78366

Ion Ratio Lower Upper

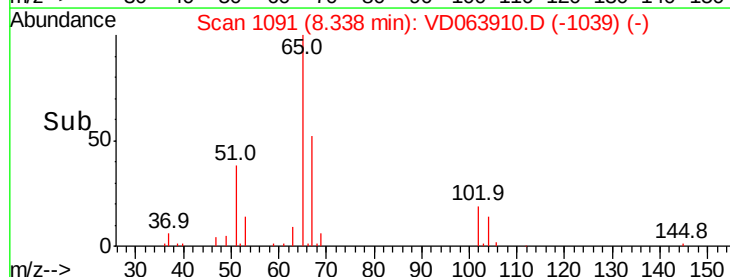
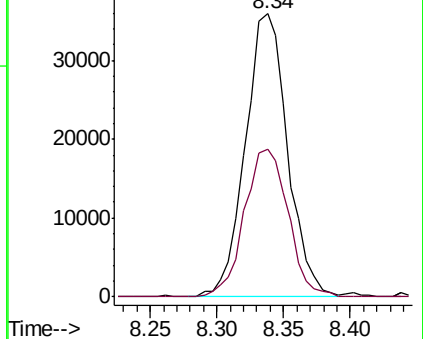
65 100

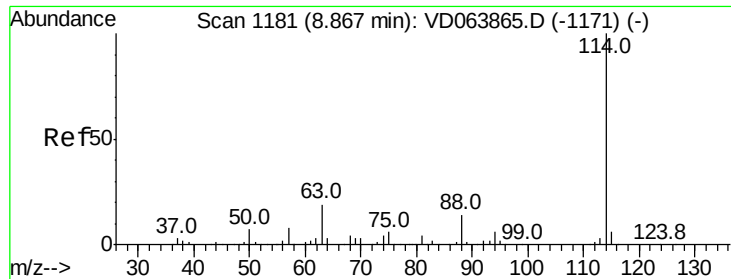
67 54.0 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

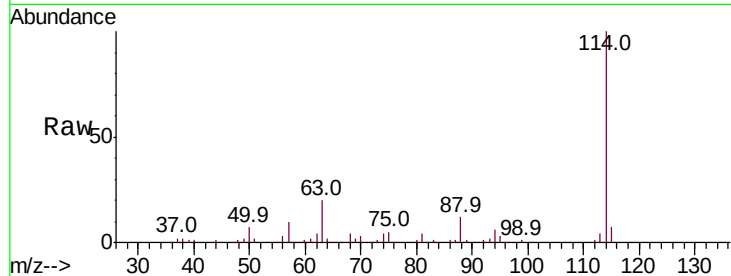




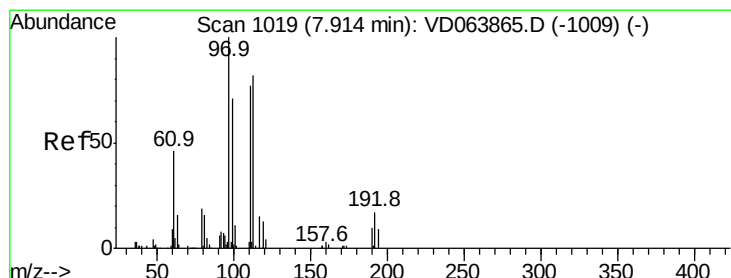
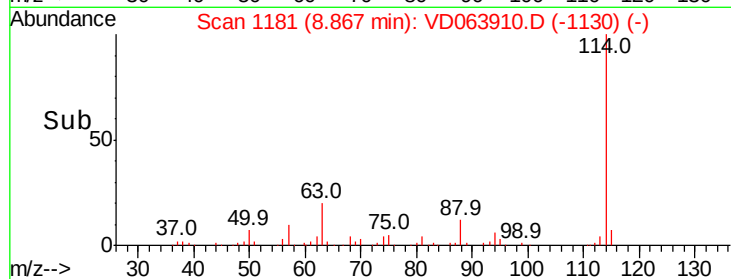
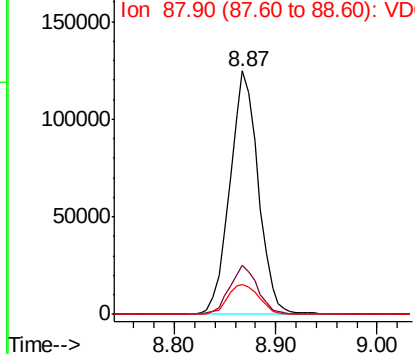
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063910.D
 Acq: 10 Oct 2019 15:13

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-18A-S

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.4
88	12.2	0.0	27.4

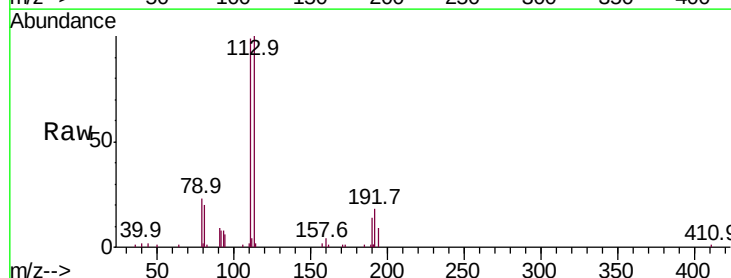


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

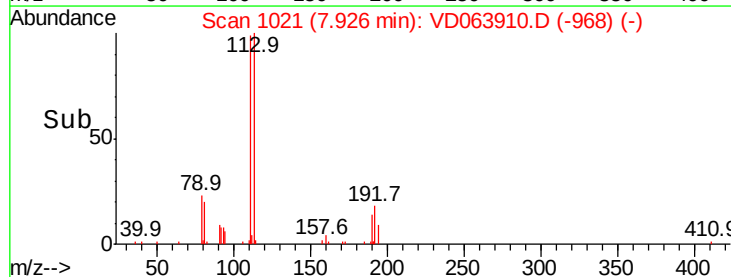
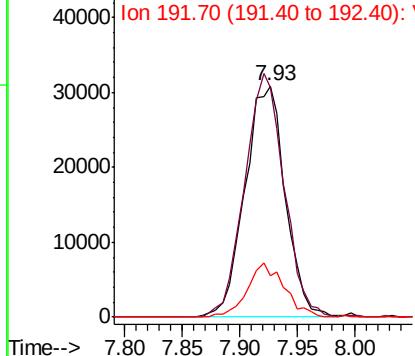


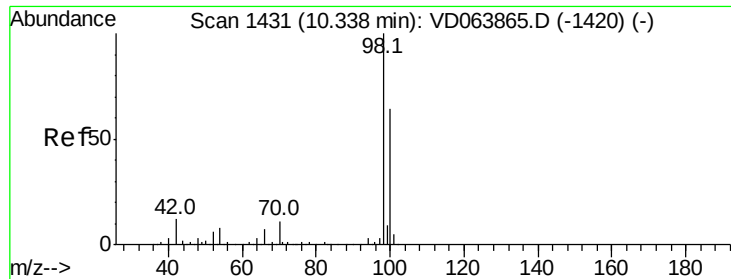
#35
 Dibromofluoromethane
 Concen: 51.034 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD063910.D
 Acq: 10 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	21.4	17.1	25.7



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

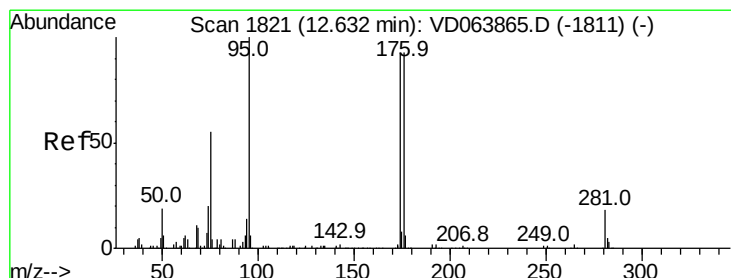
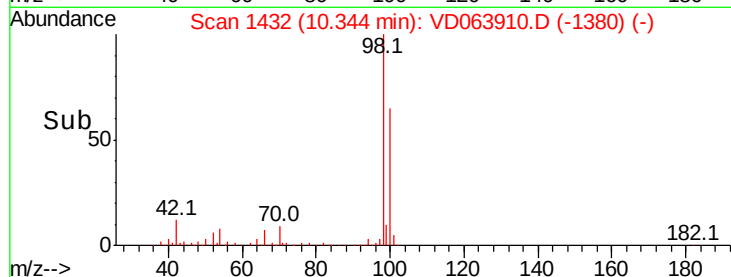
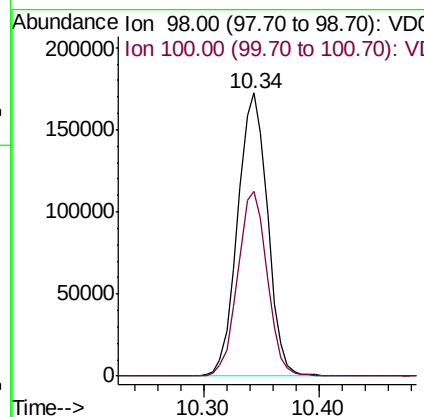
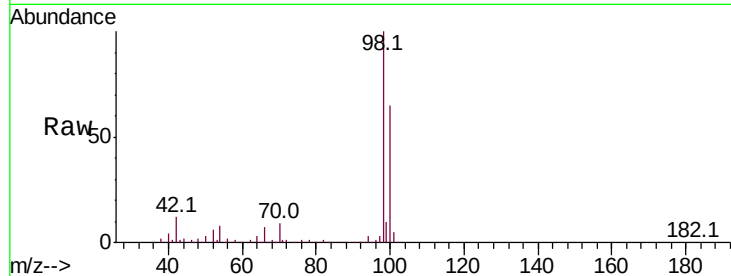




#50
Toluene-d8
Concen: 51.646 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063910.D
Acq: 10 Oct 2019 15:13

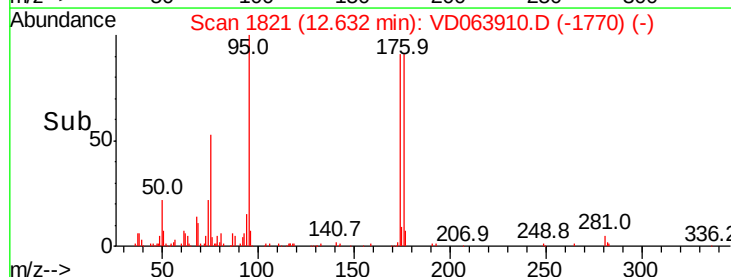
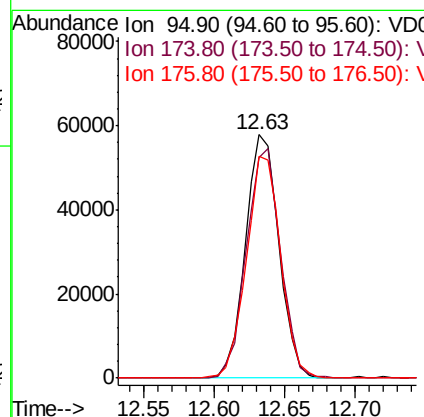
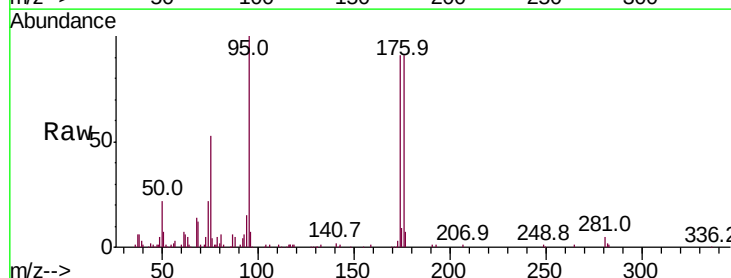
Instrument :
MSVOA_D
ClientSampleId :
TP-18A-S

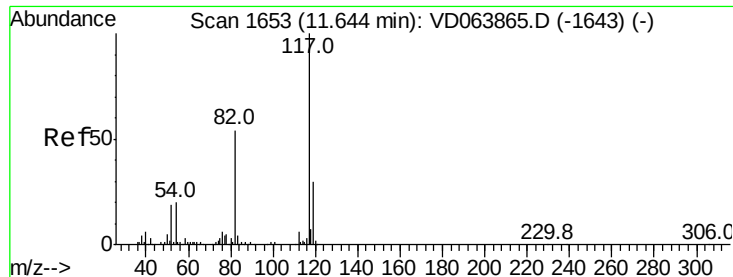
Tot Ion: 98 Resp: 309622
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.135 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD063910.D
Acq: 10 Oct 2019 15:13

Tgt Ion: 95 Resp: 96113
Ion Ratio Lower Upper
95 100
174 96.3 0.0 186.4
176 93.3 0.0 184.2

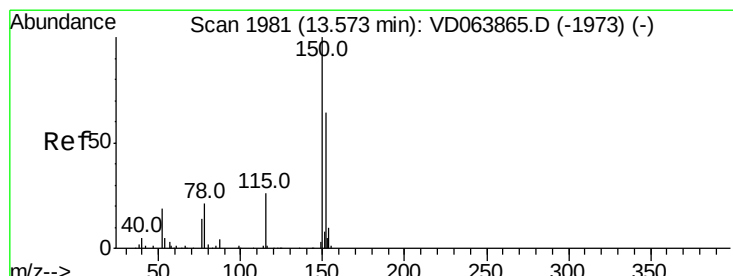
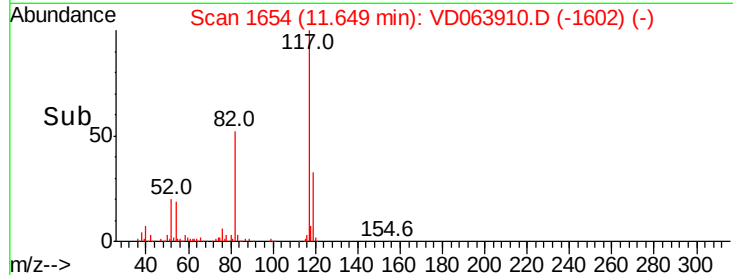
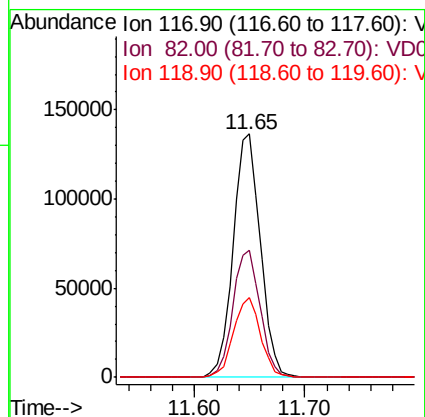
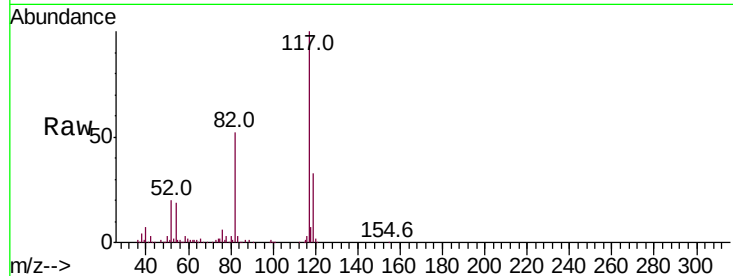




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063910.D
Acq: 10 Oct 2019 15:13

Instrument :
MSVOA_D
ClientSampleId :
TP-18A-S

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.8	64.2
119	32.9	24.4	36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD063910.D
Acq: 10 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	25.9	77.7
150	157.3	0.0	344.2

