

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102419\
 Data File : VD064039.D
 Acq On : 24 Oct 2019 11:29
 Operator : VA/SY
 Sample : VD1024SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1024SBL01

Quant Time: Oct 25 04:22:46 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	7.99	168	172015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	325027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	330375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	160702	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	98114	58.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.18%	
35) Dibromofluoromethane	7.92	113	100827	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.34	98	429014	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
62) 4-Bromofluorobenzene	12.64	95	131058	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	

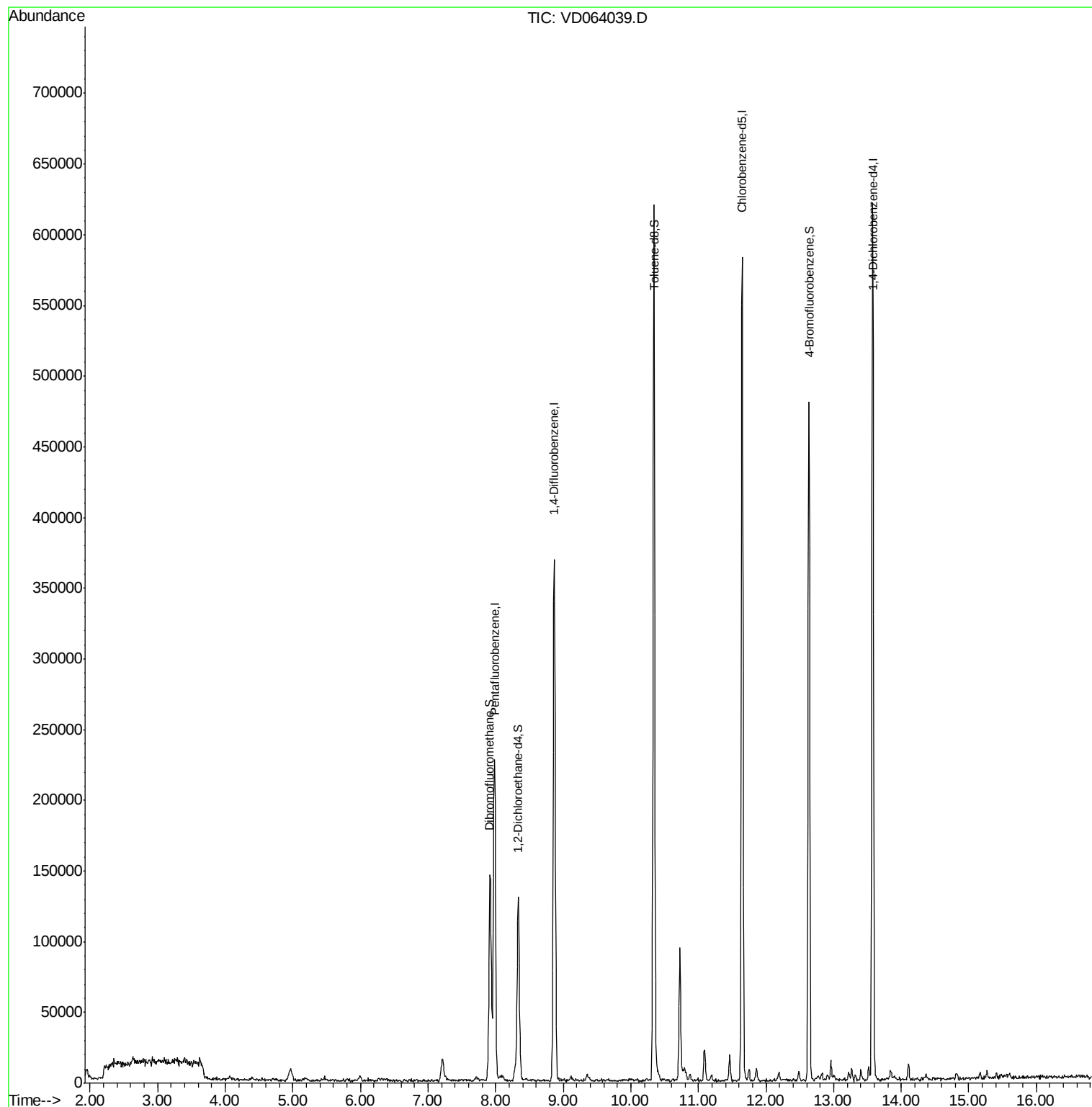
Target Compounds	Qvalue

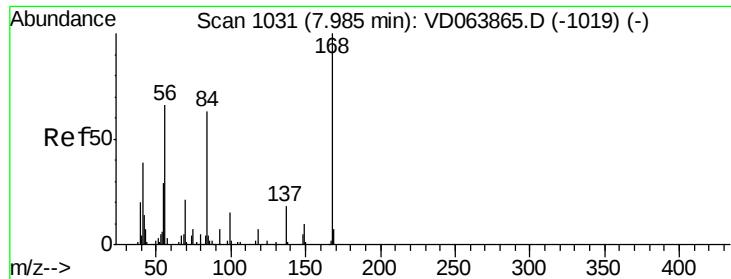
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064039.D

Acq: 24 Oct 2019 11:29

Instrument :

MSVOA_D

ClientSampleId :

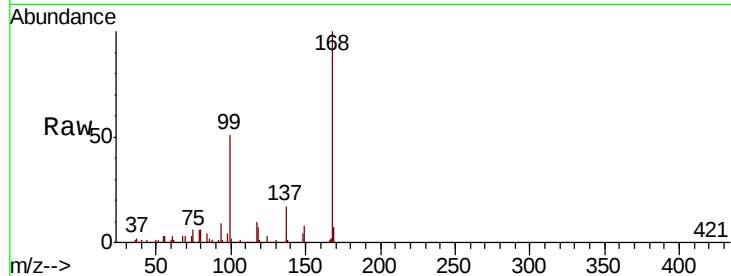
VD1024SBL01

Tot Ion:168 Resp: 172015

Ion Ratio Lower Upper

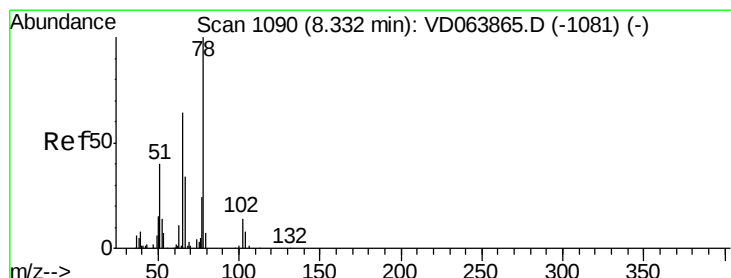
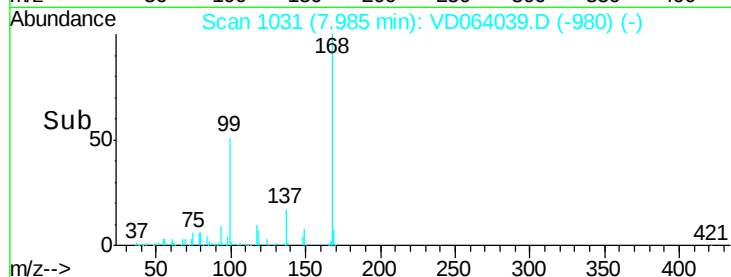
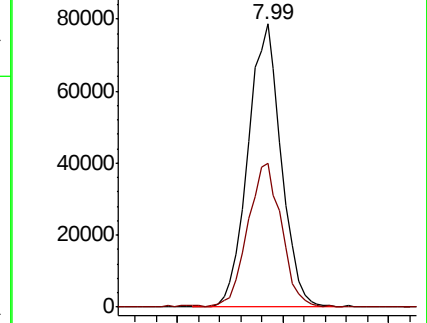
168 100

99 50.5 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: 58.586 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD064039.D

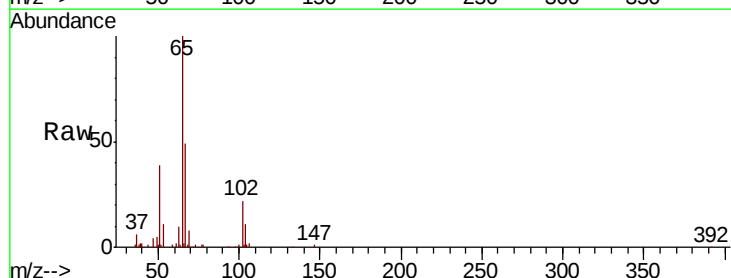
Acq: 24 Oct 2019 11:29

Tgt Ion: 65 Resp: 98114

Ion Ratio Lower Upper

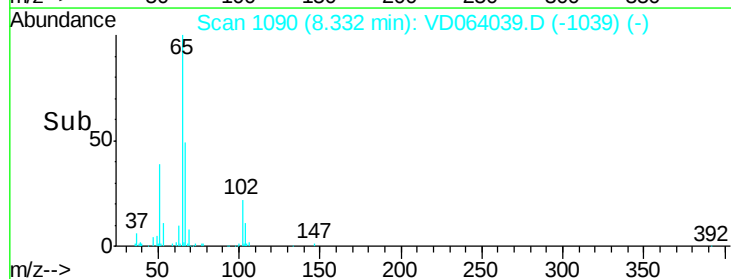
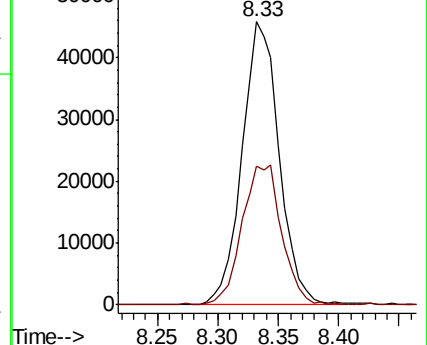
65 100

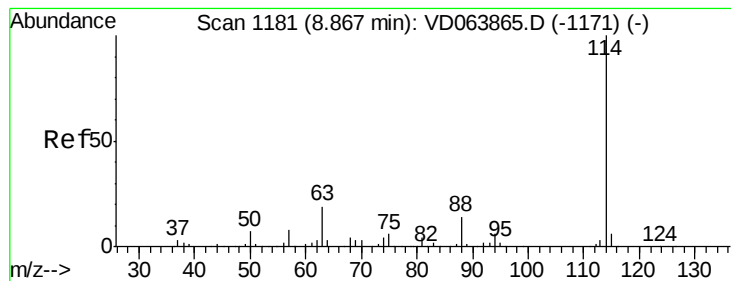
67 53.2 0.0 106.4



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: VD064039.D

Acq: 24 Oct 2019 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBL01

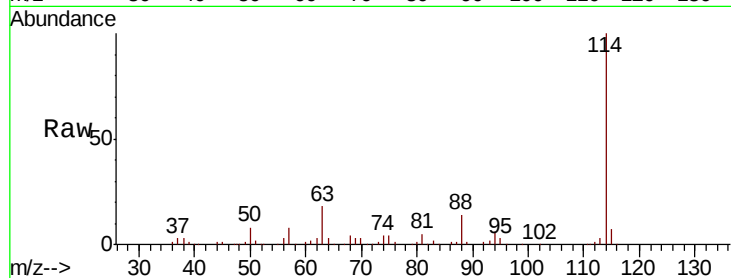
Tot Ion:114 Resp: 325027

Ion Ratio Lower Upper

114 100

63 17.5 0.0 38.4

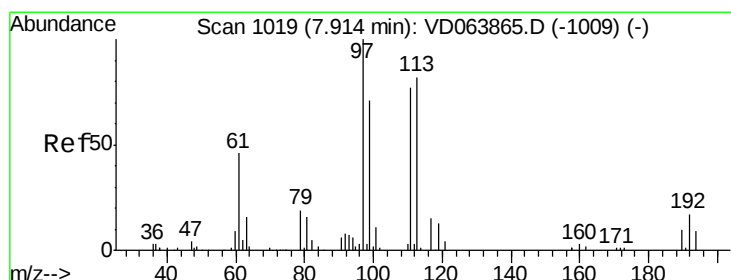
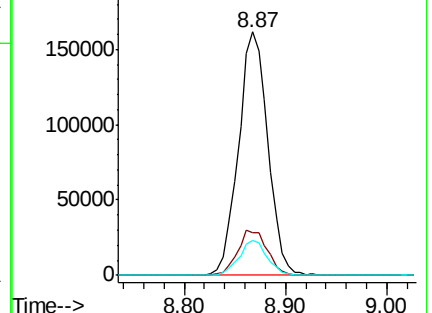
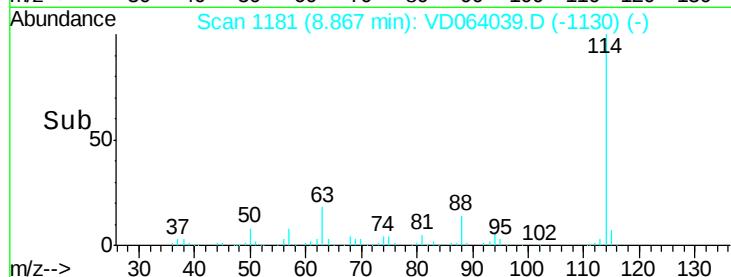
88 14.3 0.0 27.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.760 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD064039.D

Acq: 24 Oct 2019 11:29

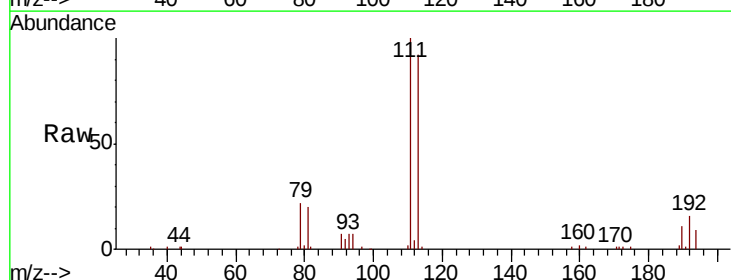
Tgt Ion:113 Resp: 100827

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

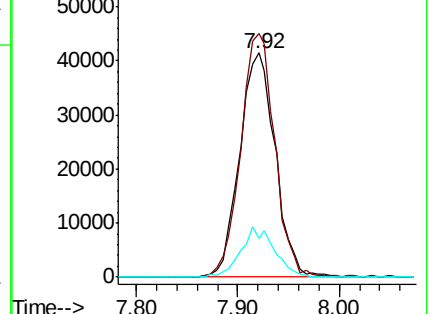
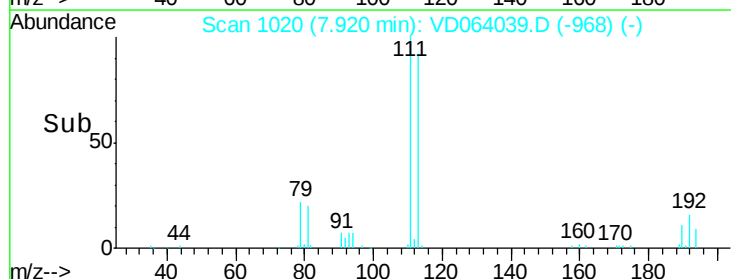
192 20.9 17.1 25.7

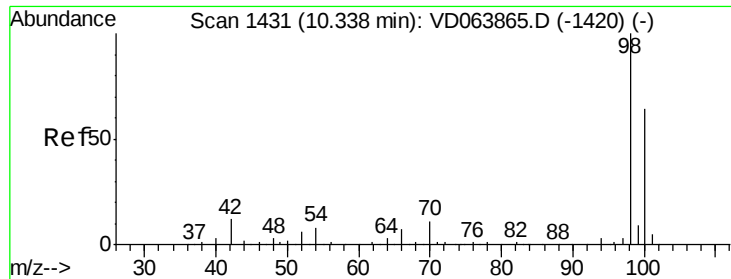


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

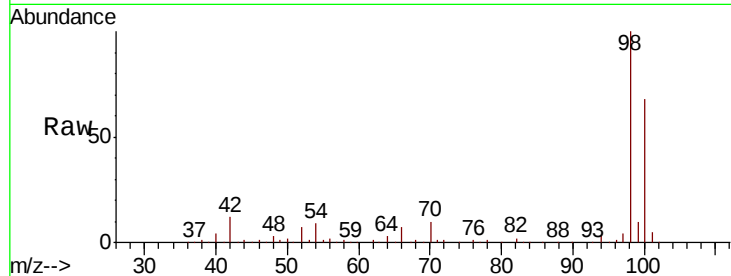




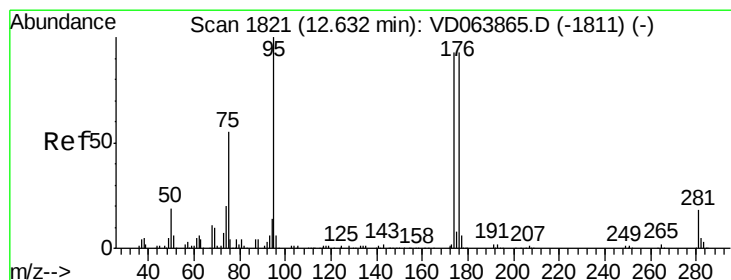
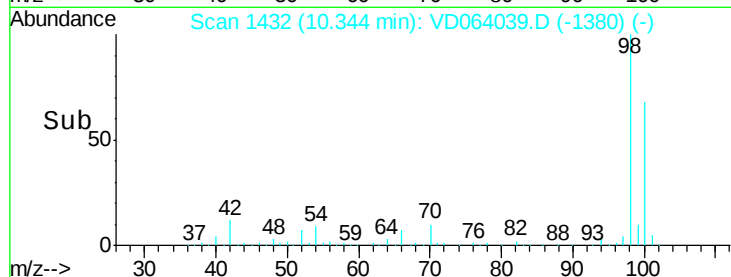
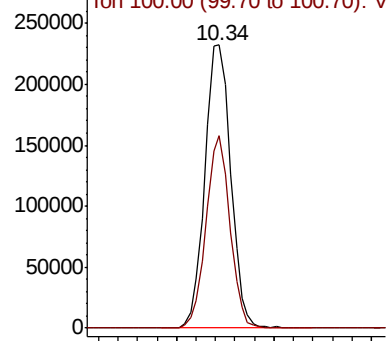
#50
Toluene-d8
Concen: 53.213 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064039.D
Acq: 24 Oct 2019 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBL01

Tot Ion: 98 Resp: 429014
Ion Ratio Lower Upper
98 100
100 62.8 52.1 78.1

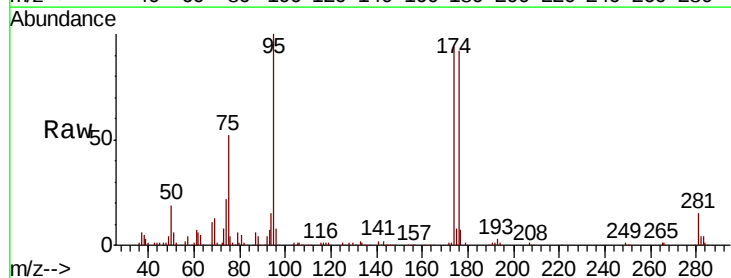


Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

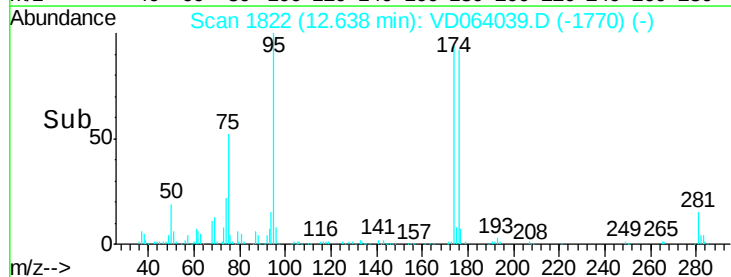
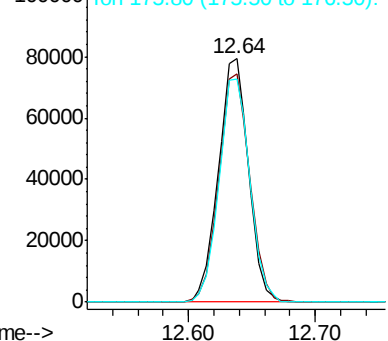


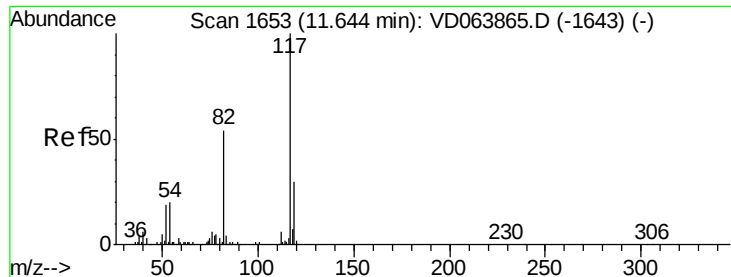
#62
4-Bromofluorobenzene
Concen: 46.779 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064039.D
Acq: 24 Oct 2019 11:29

Tgt Ion: 95 Resp: 131058
Ion Ratio Lower Upper
95 100
174 96.0 0.0 186.4
176 93.9 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VDC
Ion 173.80 (173.50 to 174.50): VDC
Ion 175.80 (175.50 to 176.50): VDC

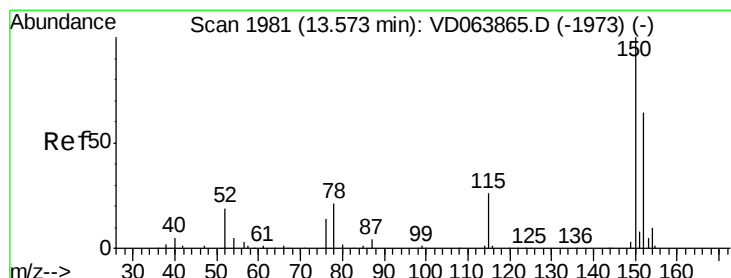
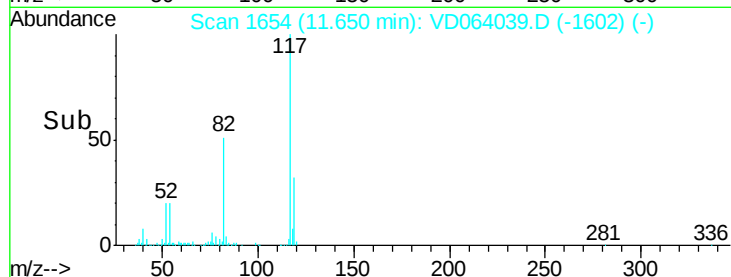
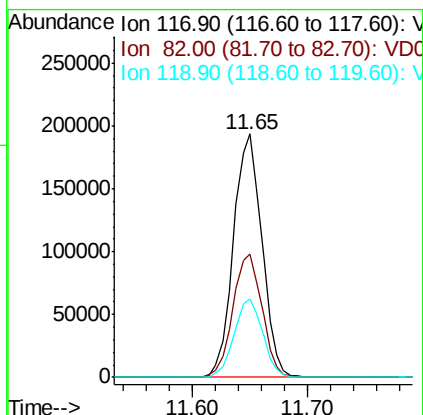
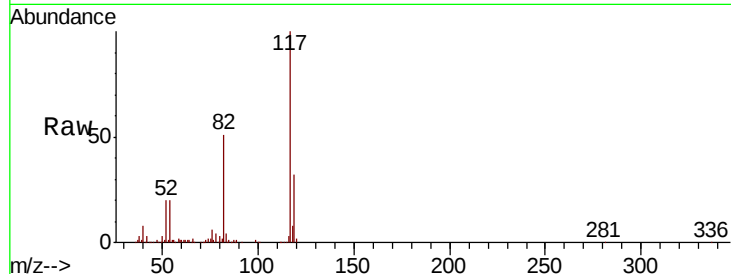




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064039.D
Acq: 24 Oct 2019 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBL01

Tot Ion:117 Resp: 330375
Ion Ratio Lower Upper
117 100
82 50.6 42.8 64.2
119 32.0 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: VD064039.D
Acq: 24 Oct 2019 11:29

Tgt Ion:152 Resp: 160702
Ion Ratio Lower Upper
152 100
115 55.3 25.9 77.7
150 158.5 0.0 344.2

