

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112119\
 Data File : VD064328.D
 Acq On : 21 Nov 2019 16:56
 Operator : VA/SY
 Sample : K5933-10
 Misc : 11.96G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-COMP-02

Quant Time: Nov 22 01:36:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

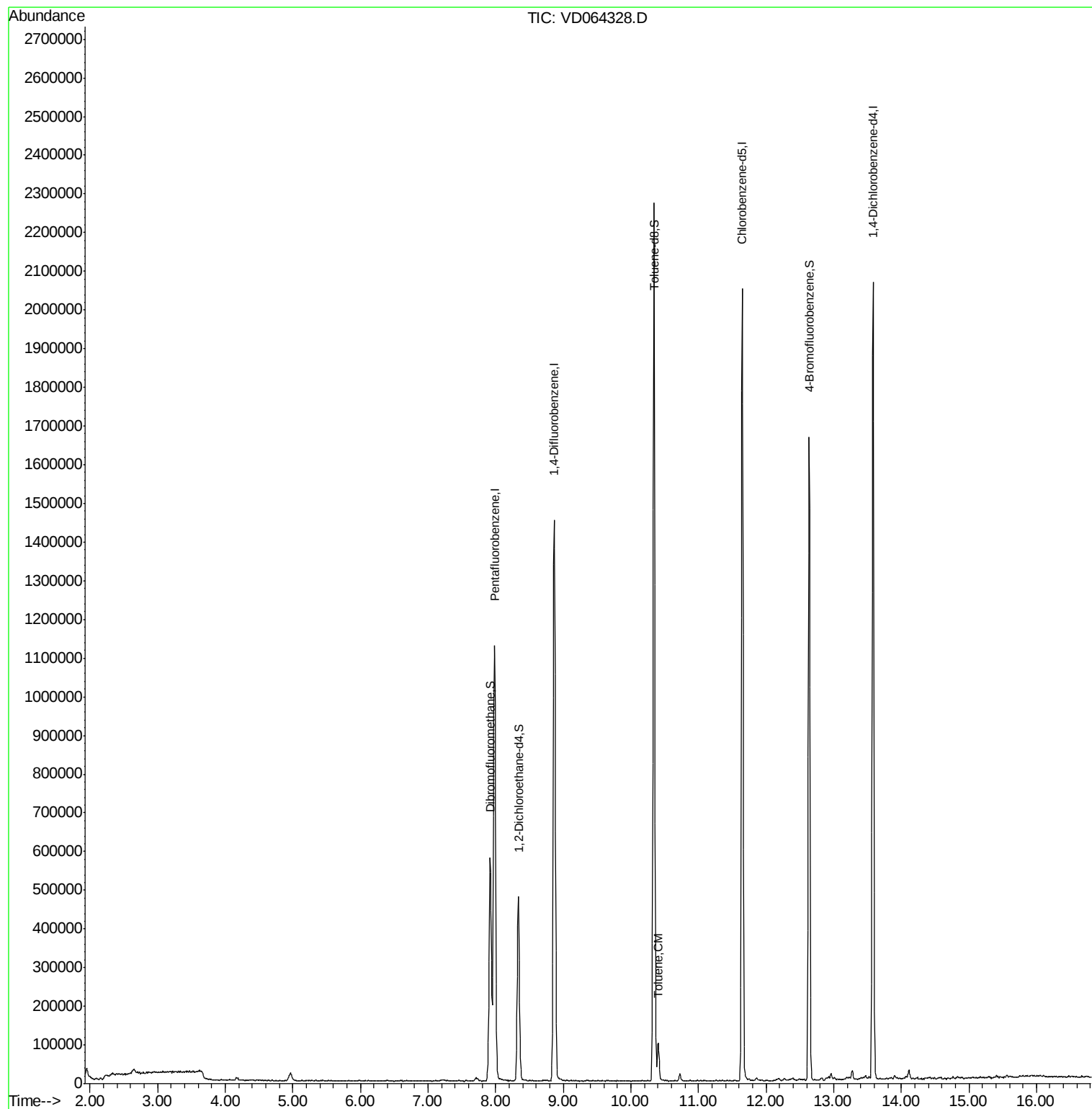
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	939904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1339671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1176996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	574826	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	381252	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
35) Dibromofluoromethane	7.92	113	402372	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
50) Toluene-d8	10.34	98	1543859	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.64	95	500645	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
Target Compounds						
52) Toluene	10.41	92	38476	1.732	ug/l	Qvalue 99

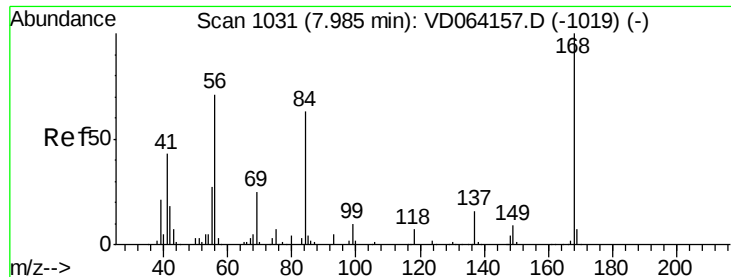
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064328.D

Acq: 21 Nov 2019 16:56

Instrument :

MSVOA_D

ClientSampleId :

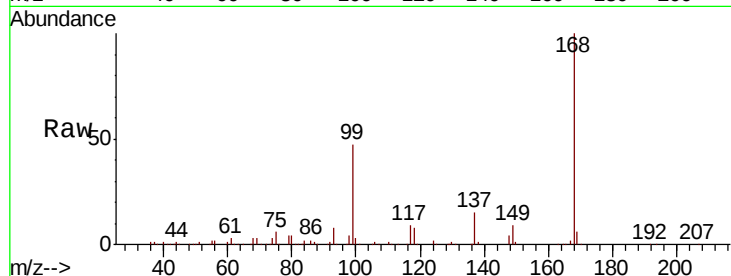
WC-COMP-02

Tot Ion:168 Resp: 939904

Ion Ratio Lower Upper

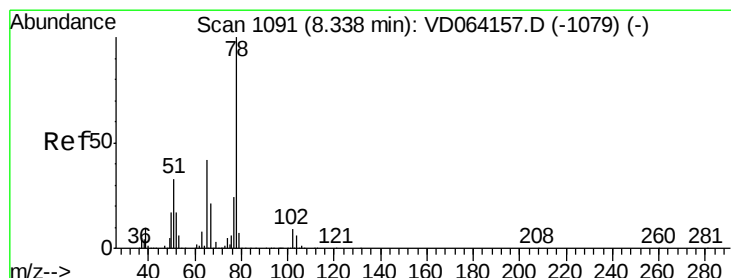
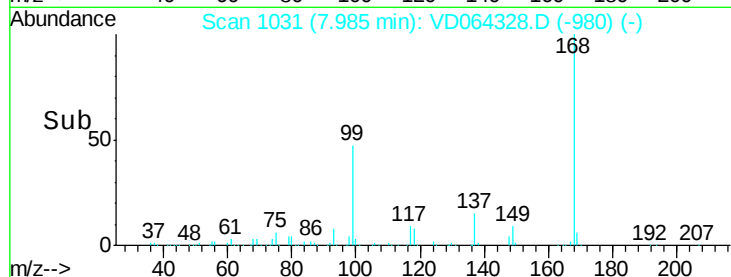
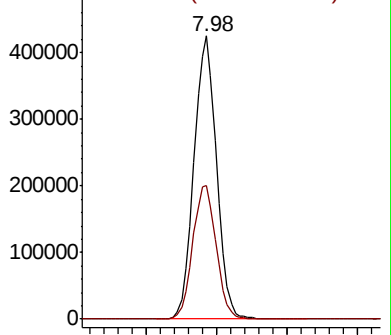
168 100

99 47.0 41.6 62.4



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: 49.320 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064328.D

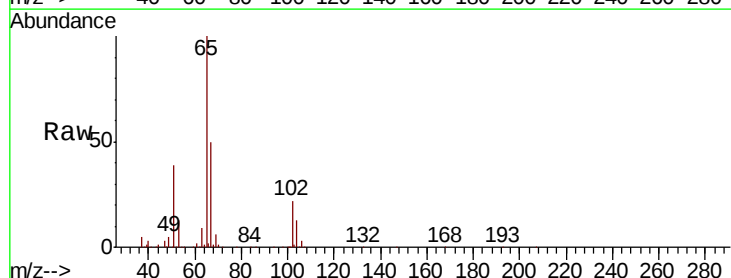
Acq: 21 Nov 2019 16:56

Tgt Ion: 65 Resp: 381252

Ion Ratio Lower Upper

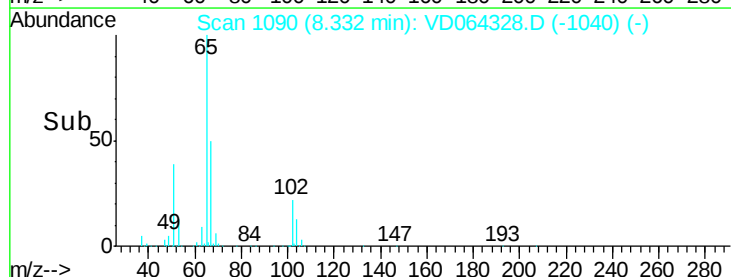
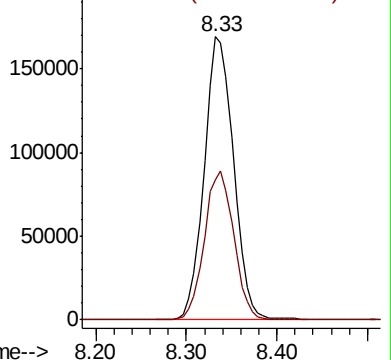
65 100

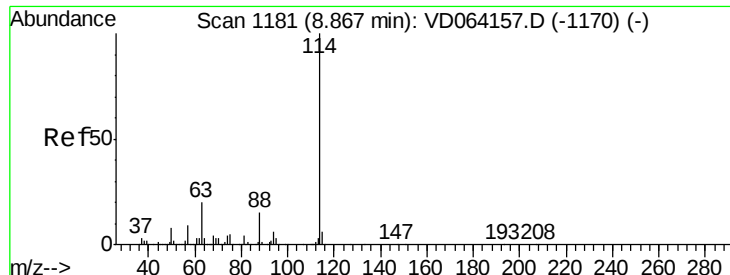
67 52.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

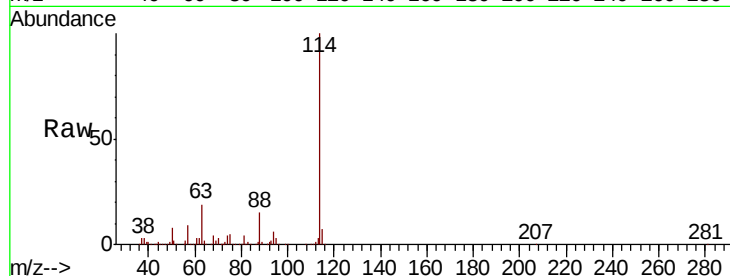




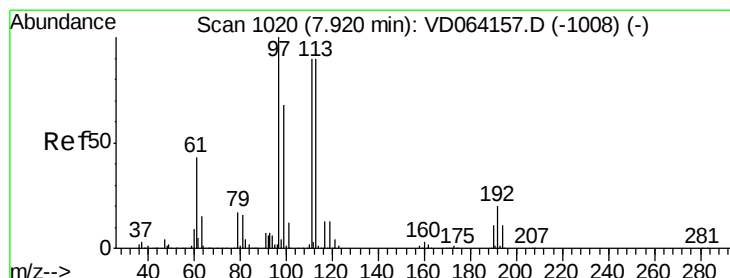
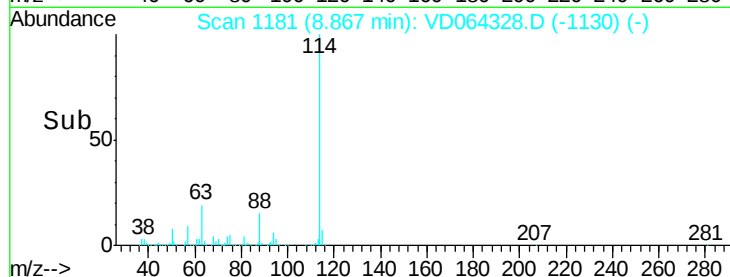
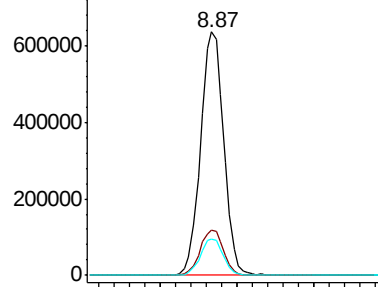
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064328.D
 Acq: 21 Nov 2019 16:56

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-COMP-02

Tot Ion:114 Resp: 1339671
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.0
 88 14.8 0.0 30.2

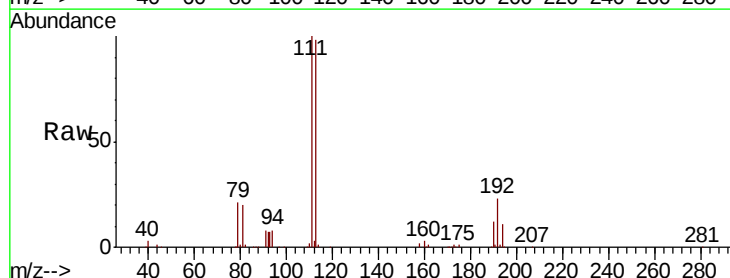


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

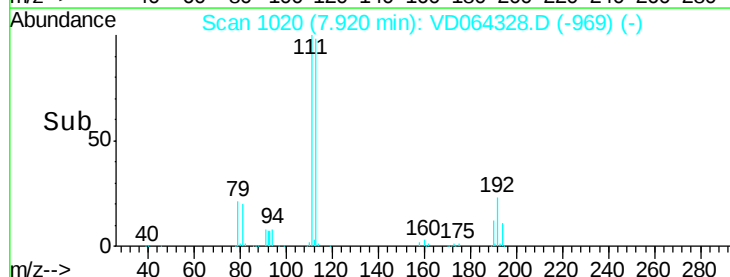
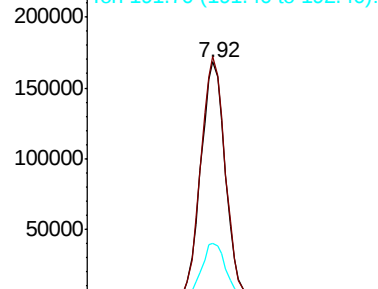


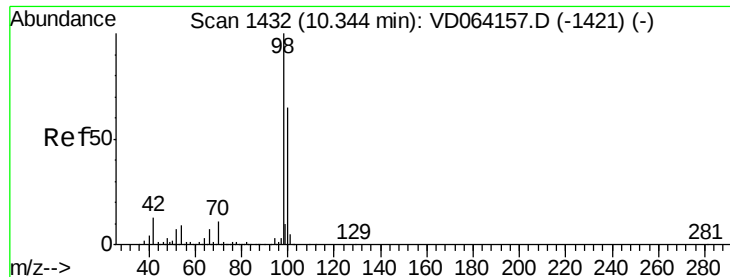
#35
 Dibromofluoromethane
 Concen: 52.325 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064328.D
 Acq: 21 Nov 2019 16:56

Tgt Ion:113 Resp: 402372
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.5 122.3
 192 24.1 18.8 28.2



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: 53.219 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064328.D

Acq: 21 Nov 2019 16:56

Instrument :

MSVOA_D

ClientSampleId :

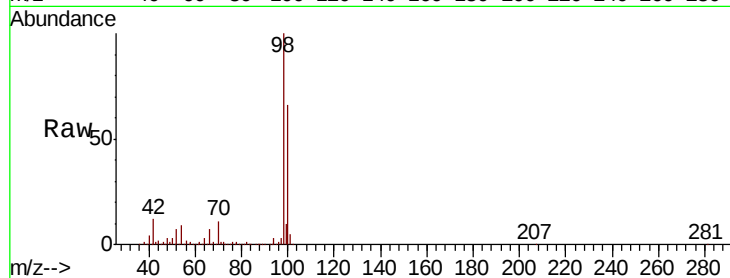
WC-COMP-02

Tot Ion: 98 Resp: 1543859

Ion Ratio Lower Upper

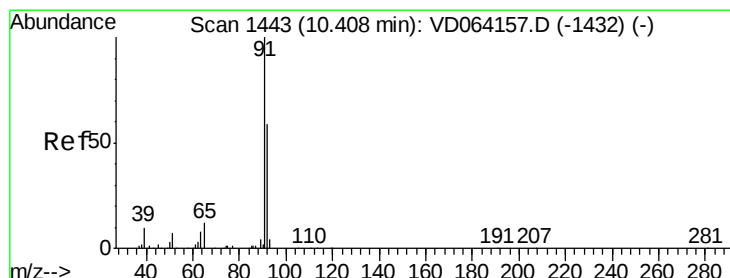
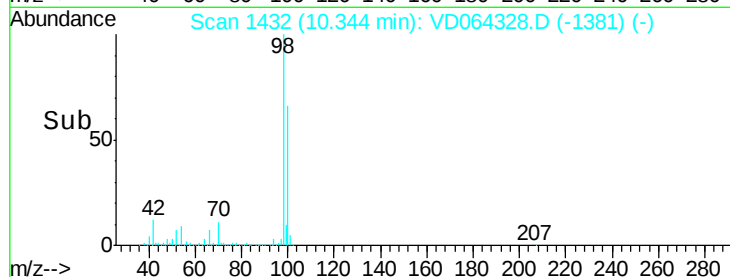
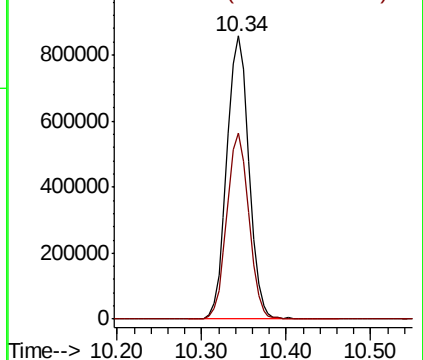
98 100

100 65.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#52

Toluene

Concen: 1.732 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD064328.D

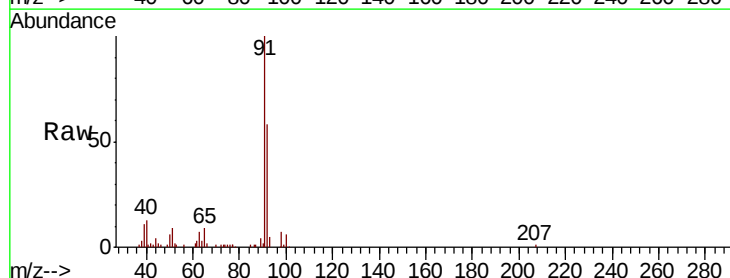
Acq: 21 Nov 2019 16:56

Tgt Ion: 92 Resp: 38476

Ion Ratio Lower Upper

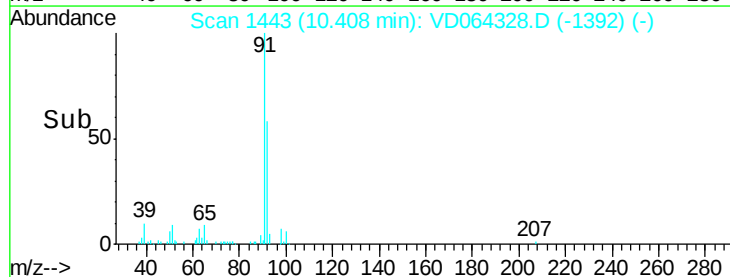
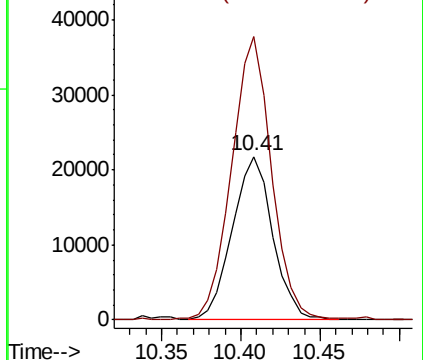
92 100

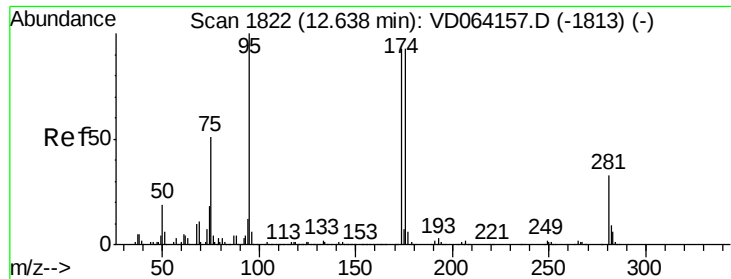
91 171.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

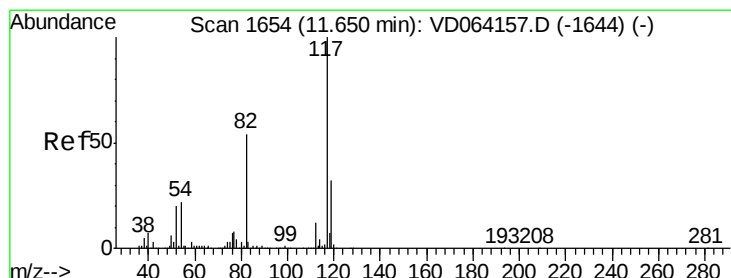
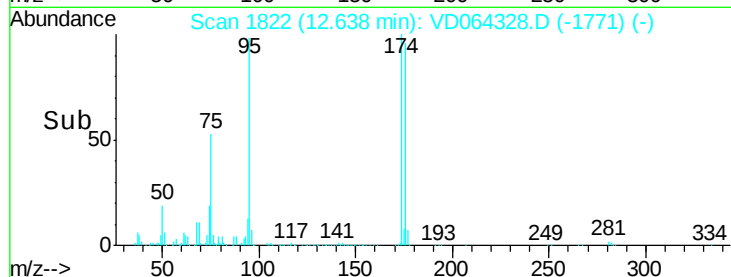
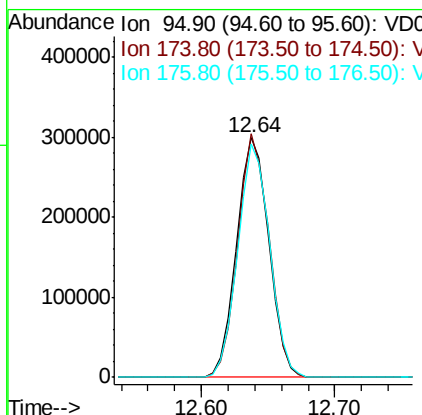
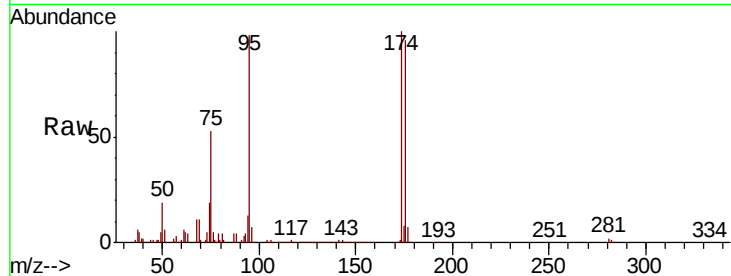




#62
4-Bromofluorobenzene
Concen: 49.834 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064328.D
Acq: 21 Nov 2019 16:56

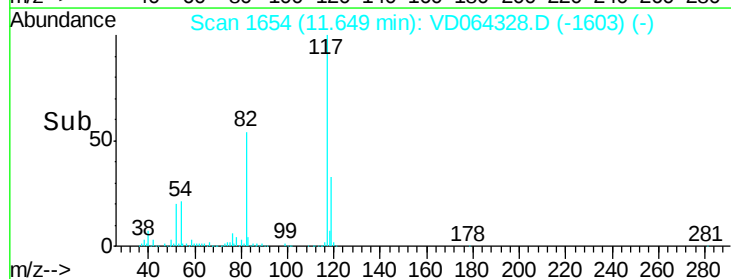
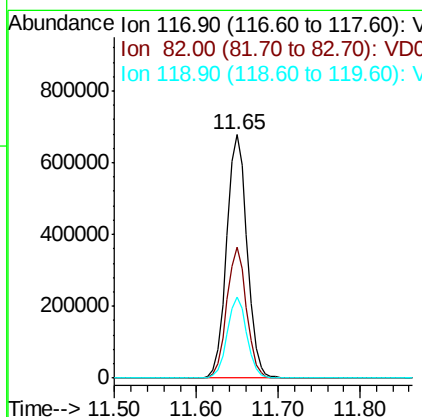
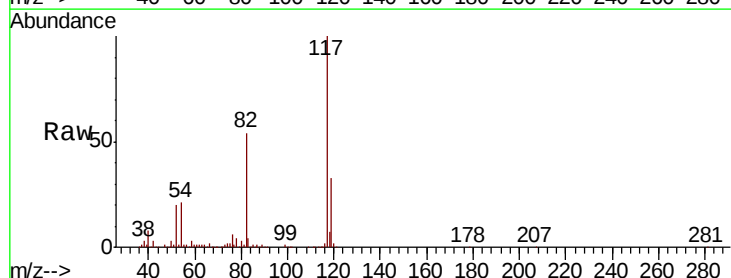
Instrument :
MSVOA_D
ClientSampleId :
WC-COMP-02

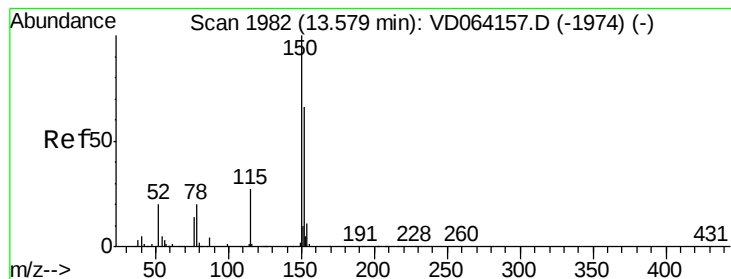
Tot Ion	Ratio	Lower	Upper
95	100		
174	98.3	0.0	183.6
176	96.4	0.0	180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064328.D
Acq: 21 Nov 2019 16:56

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.8	64.2
119	33.1	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064328.D

Acq: 21 Nov 2019 16:56

Instrument :

MSVOA_D

ClientSampleId :

WC-COMP-02

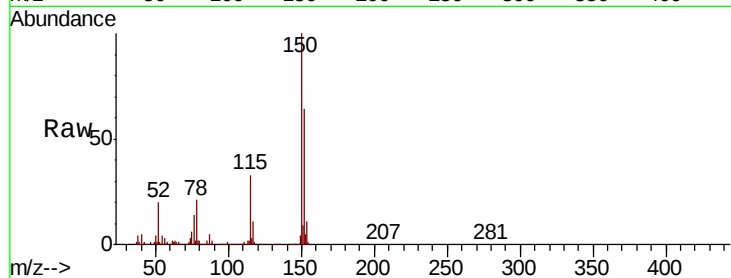
Tot Ion:152 Resp: 574826

Ion Ratio Lower Upper

152 100

115 53.5 27.4 82.2

150 157.2 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

