

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\
 Data File : VD064367.D
 Acq On : 25 Nov 2019 18:25
 Operator : VA/SY
 Sample : K6018-01
 Misc : 7.83G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-359

Quant Time: Nov 26 06:27:27 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

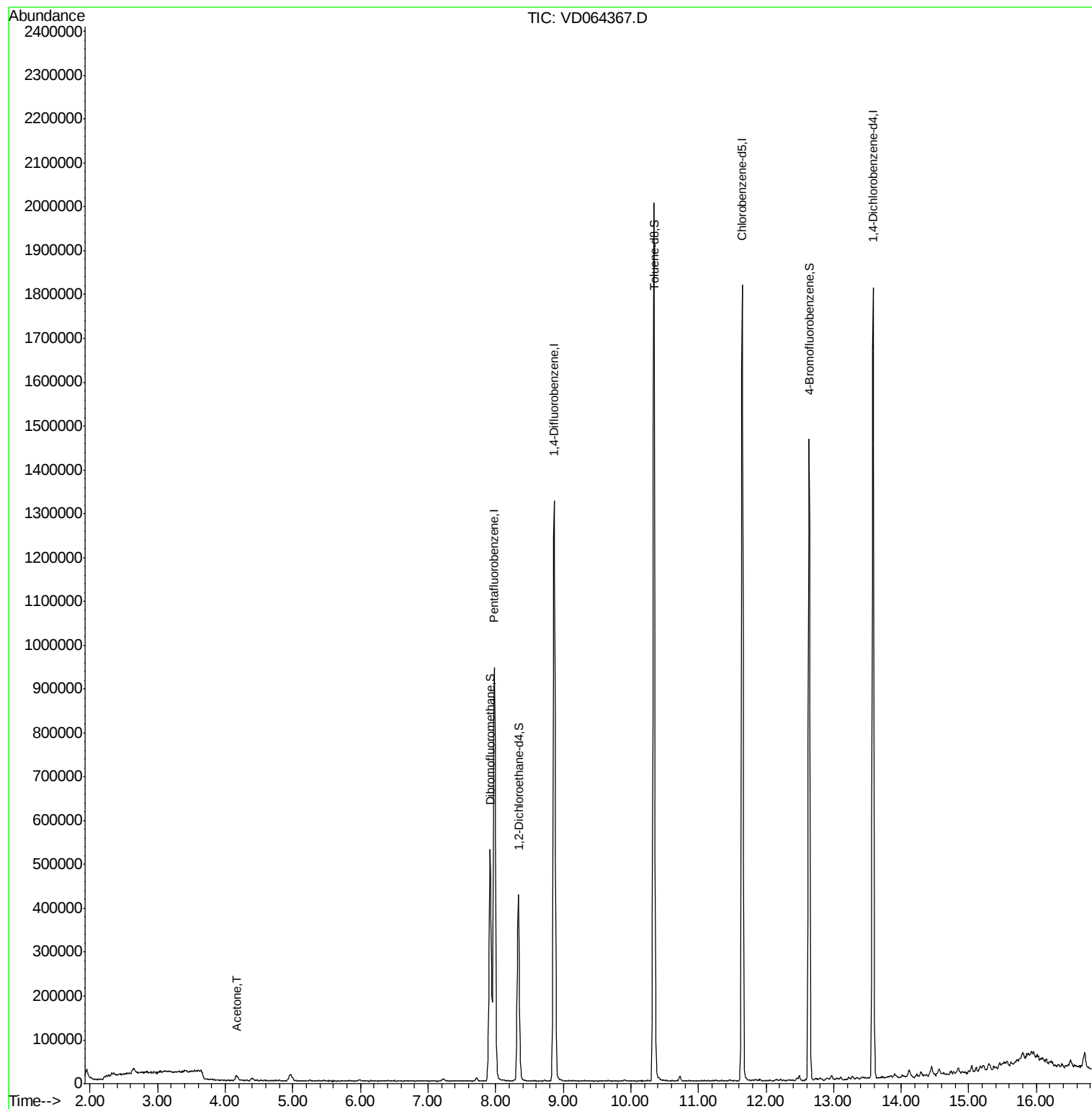
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	767437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1171702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1047538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	497042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	336498	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.62%	
35) Dibromofluoromethane	7.92	113	360176	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
50) Toluene-d8	10.34	98	1389143	54.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.50%	
62) 4-Bromofluorobenzene	12.64	95	447878	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
Target Compounds						
16) Acetone	4.16	43	20404	13.646	ug/l #	Qvalue 84

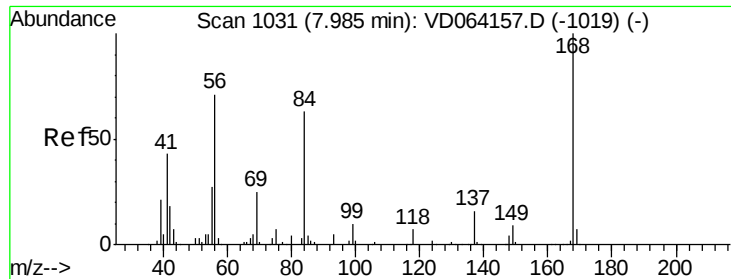
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064367.D

Acq: 25 Nov 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

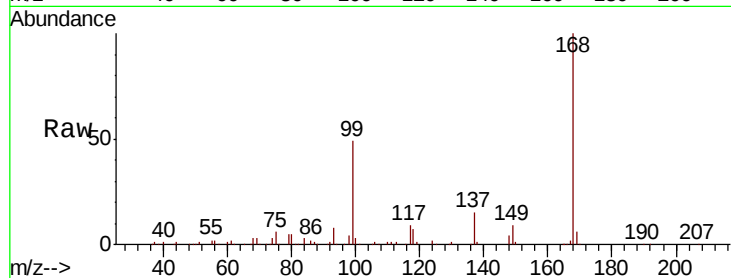
ETGI-359

Tot Ion:168 Resp: 767437

Ion Ratio Lower Upper

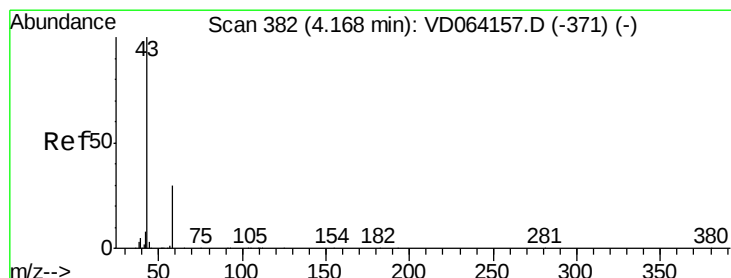
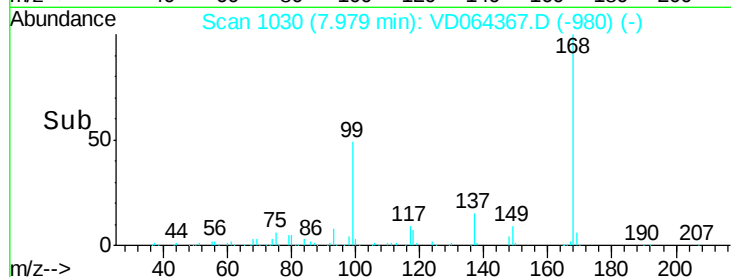
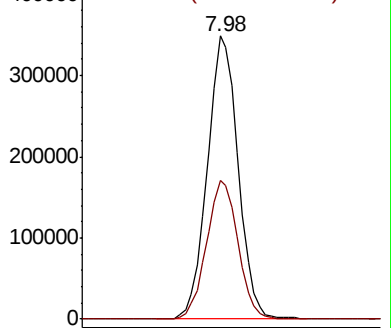
168 100

99 49.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 13.646 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064367.D

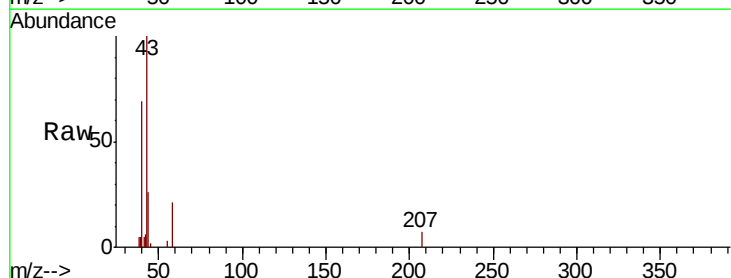
Acq: 25 Nov 2019 18:25

Tgt Ion: 43 Resp: 20404

Ion Ratio Lower Upper

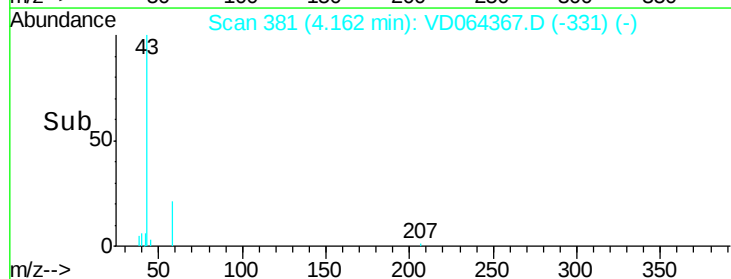
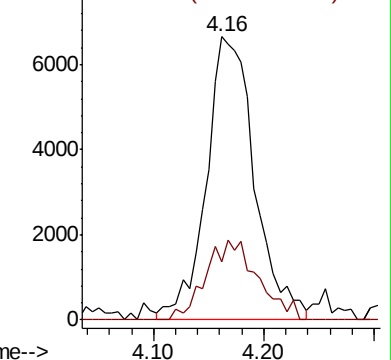
43 100

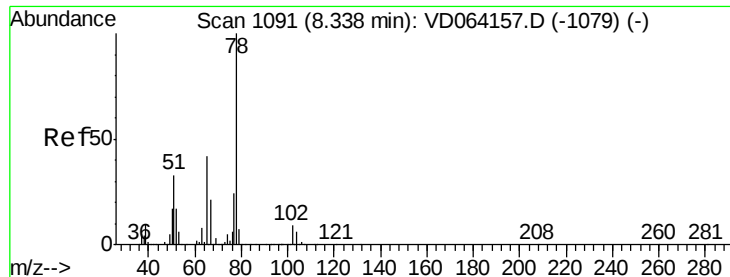
58 21.2 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 53.313 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064367.D

Acq: 25 Nov 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

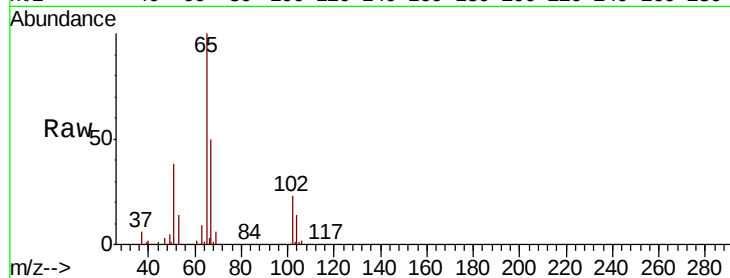
ETGI-359

Tot Ion: 65 Resp: 336498

Ion Ratio Lower Upper

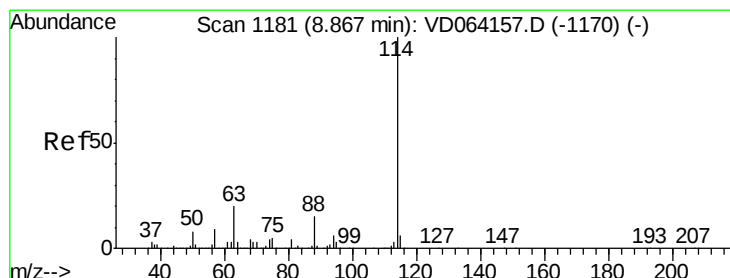
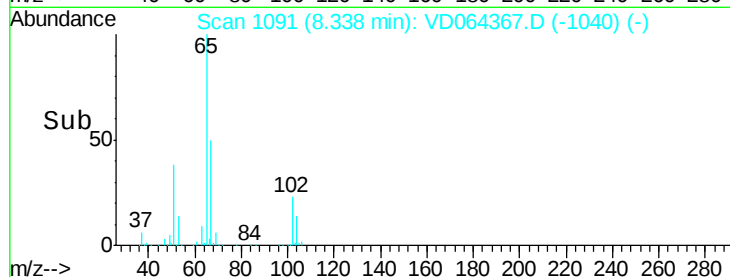
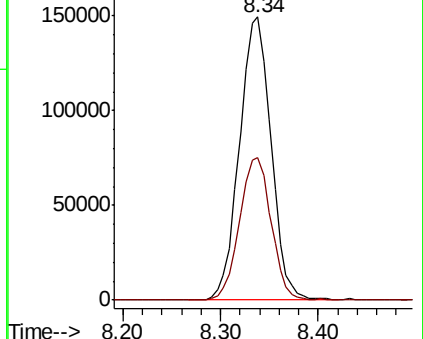
65 100

67 50.2 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: VD064367.D

Acq: 25 Nov 2019 18:25

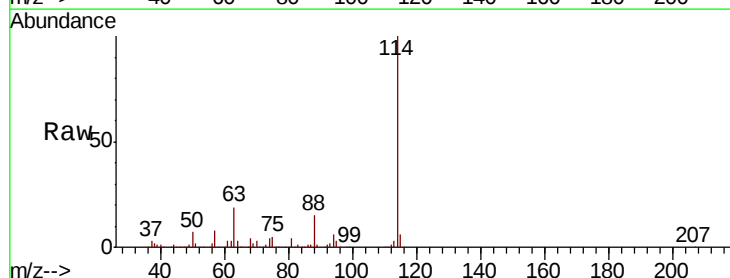
Tgt Ion: 114 Resp: 1171702

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

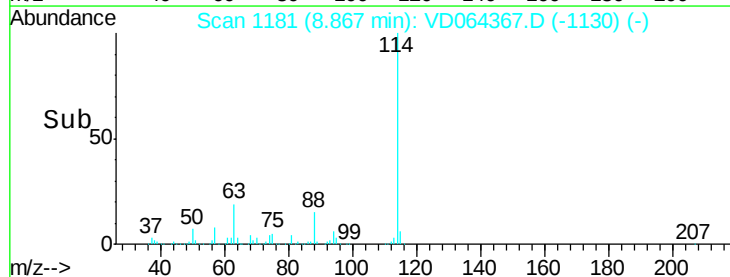
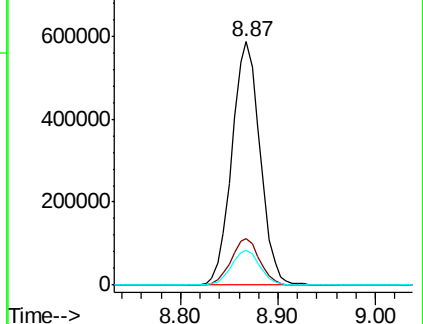
88 14.5 0.0 30.2

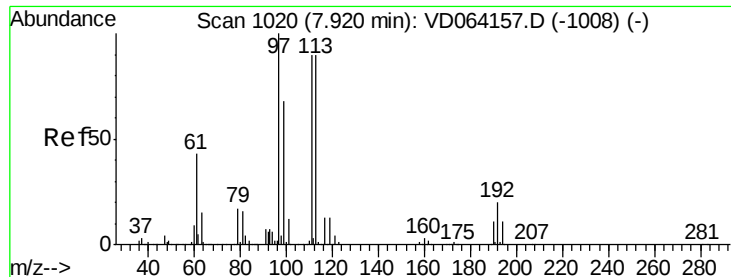


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 53.552 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064367.D

Acq: 25 Nov 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

ETGI-359

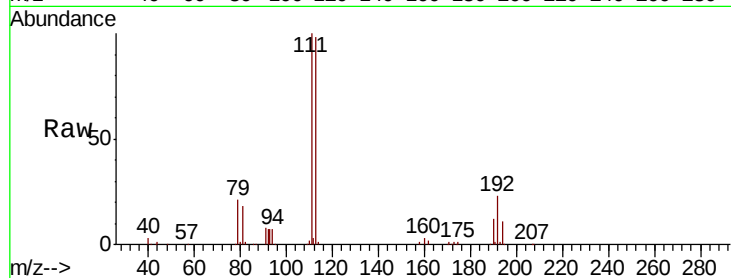
Tot Ion:113 Resp: 360176

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

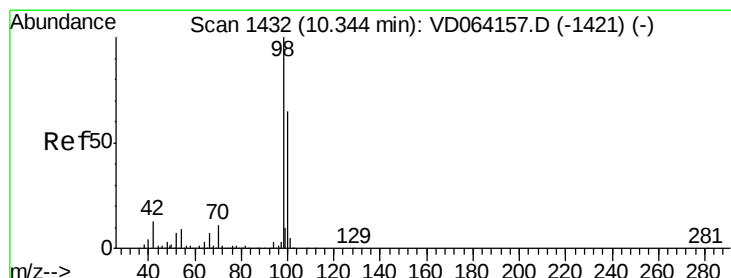
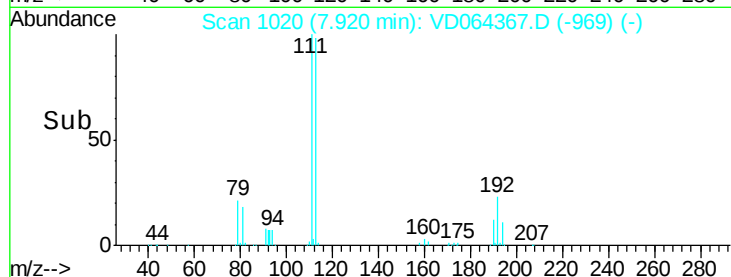
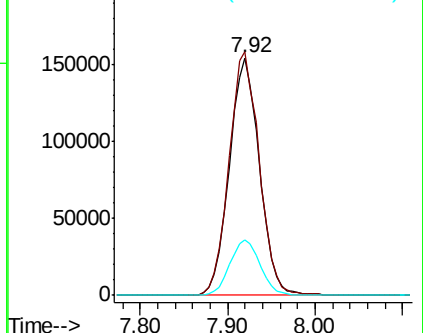
192 23.6 18.8 28.2



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: 54.750 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064367.D

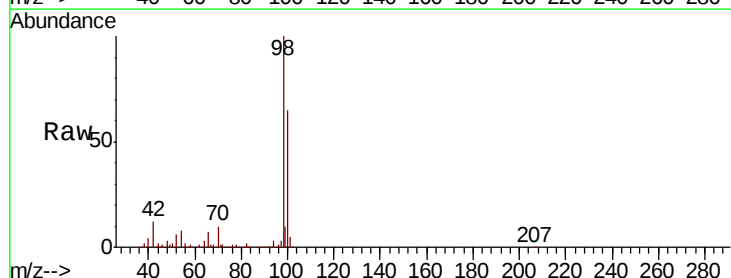
Acq: 25 Nov 2019 18:25

Tgt Ion: 98 Resp: 1389143

Ion Ratio Lower Upper

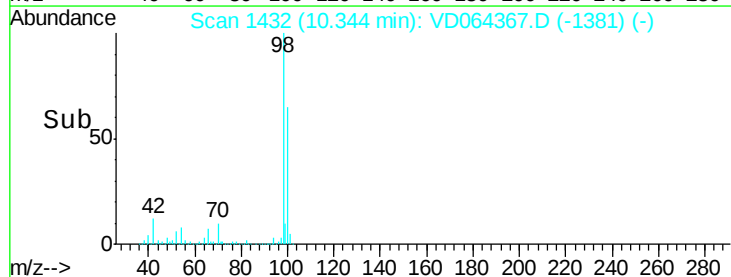
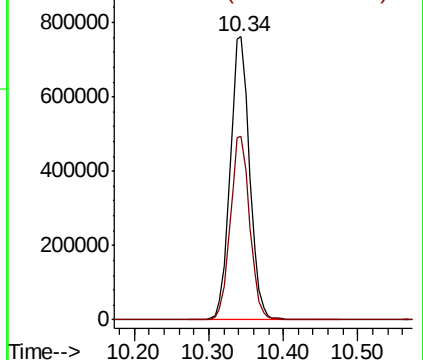
98 100

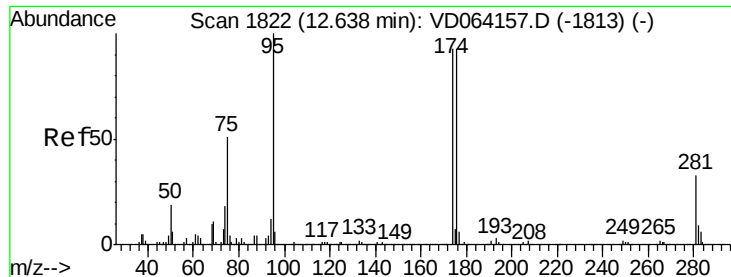
100 64.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

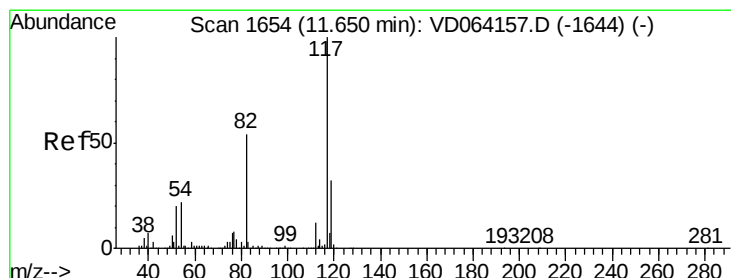
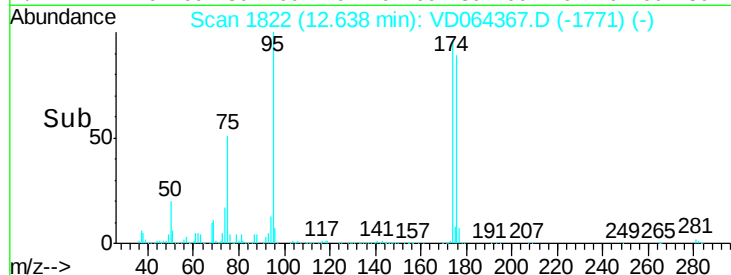
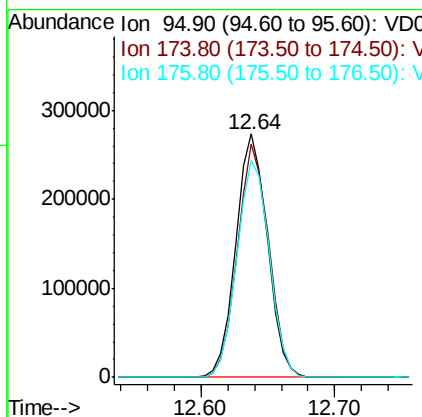
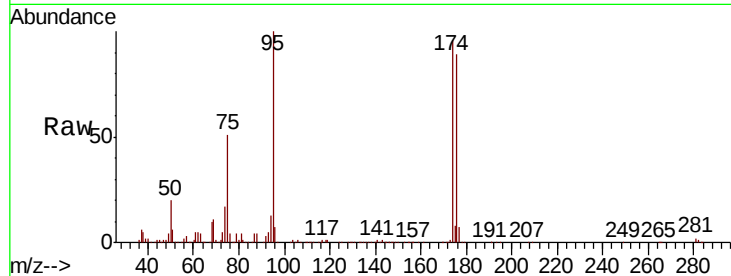




#62
4-Bromofluorobenzene
Concen: 50.973 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064367.D
Acq: 25 Nov 2019 18:25

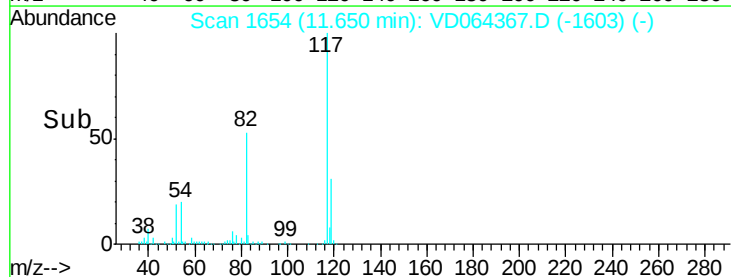
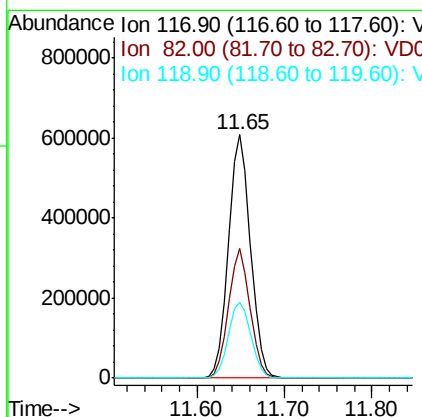
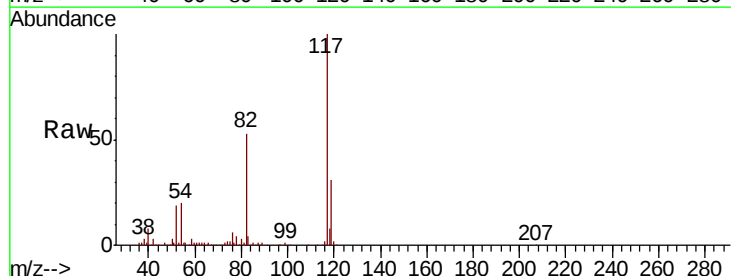
Instrument :
MSVOA_D
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ETGI-359

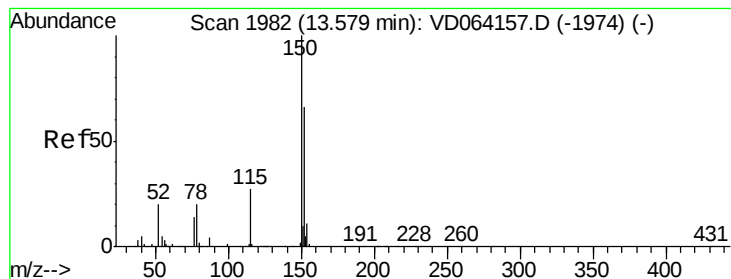
Tot Ion: 95 Resp: 447878
Ion Ratio Lower Upper
95 100
174 95.0 0.0 183.6
176 91.5 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064367.D
Acq: 25 Nov 2019 18:25

Tgt Ion: 117 Resp: 1047538
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 31.2 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: VD064367.D

Acq: 25 Nov 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

ETGI-359

Tot Ion:152 Resp: 497042

Ion Ratio Lower Upper

152 100

115 54.1 27.4 82.2

150 156.2 0.0 351.6

