

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110819\
 Data File : VD064167.D
 Acq On : 08 Nov 2019 21:08
 Operator : VA/SY
 Sample : K5778-06
 Misc : 6.48G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-35-S2

Quant Time: Nov 09 02:42:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 08 16:20:44 2019
 Response via : Initial Calibration

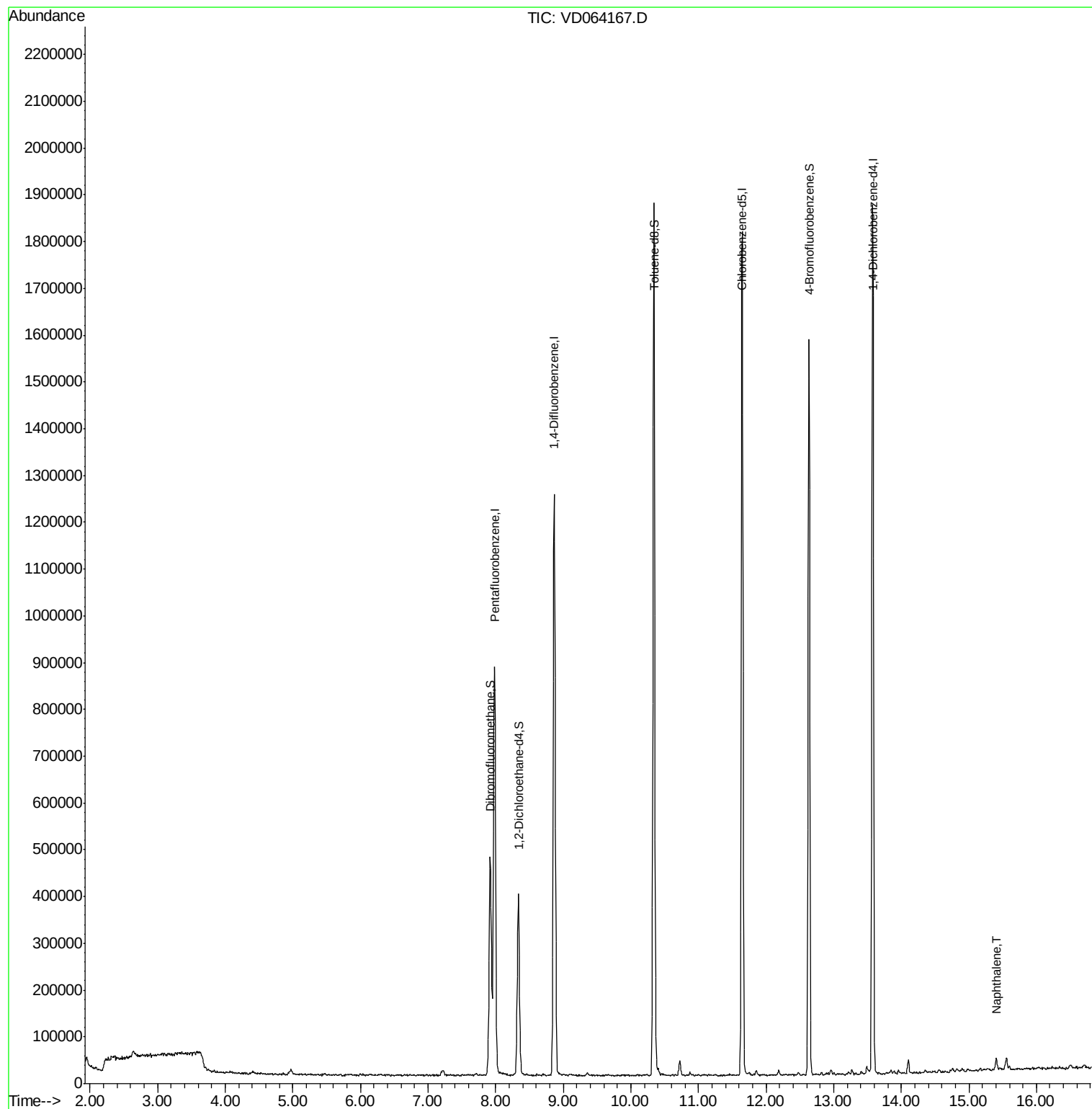
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	716177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1090199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1040344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	522635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	312514	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
35) Dibromofluoromethane	7.92	113	326009	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
50) Toluene-d8	10.34	98	1280718	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
62) 4-Bromofluorobenzene	12.64	95	488311	59.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.46%	
Target Compounds						
95) Naphthalene	15.41	128	20419	1.103	ug/l	Qvalue 100

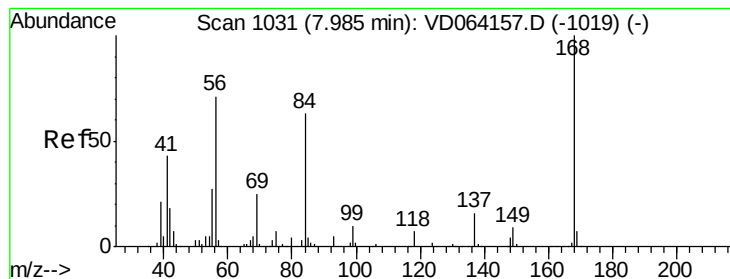
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064167.D

Acq: 08 Nov 2019 21:08

Instrument :

MSVOA_D

ClientSampleId :

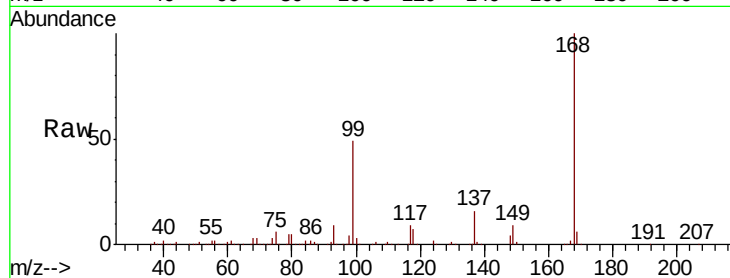
TP-35-S2

Tot Ion:168 Resp: 716177

Ion Ratio Lower Upper

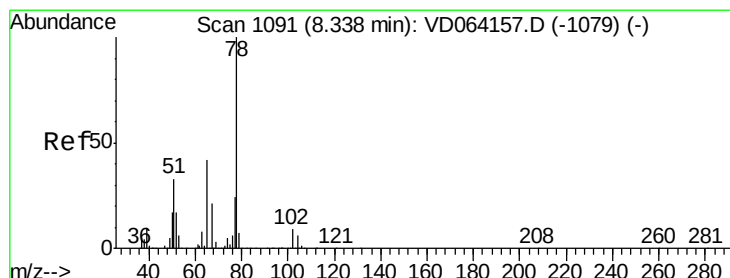
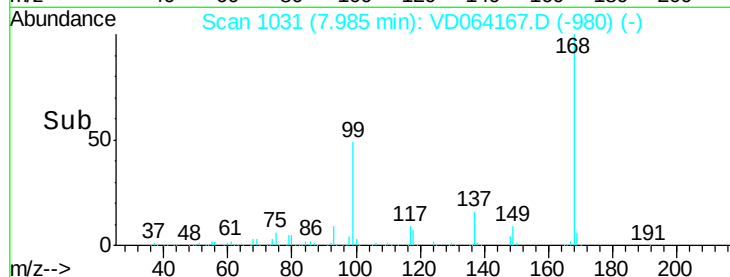
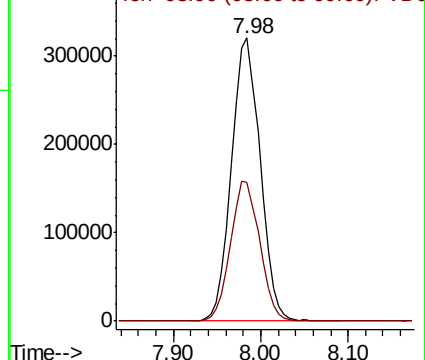
168 100

99 49.1 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: 53.057 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064167.D

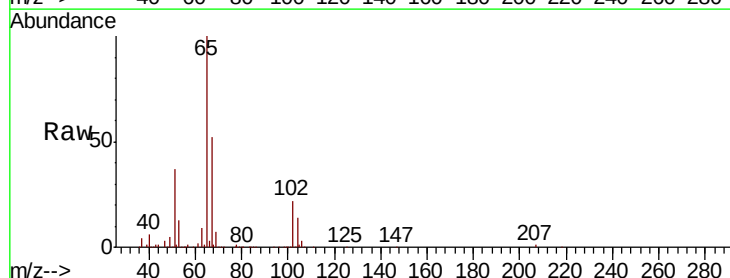
Acq: 08 Nov 2019 21:08

Tgt Ion: 65 Resp: 312514

Ion Ratio Lower Upper

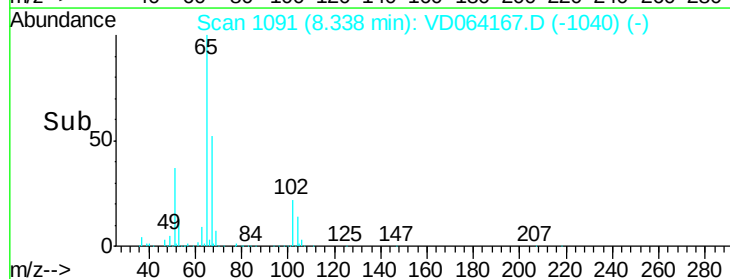
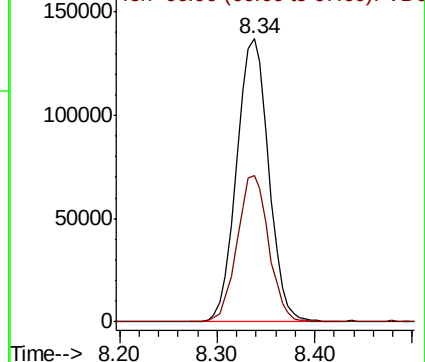
65 100

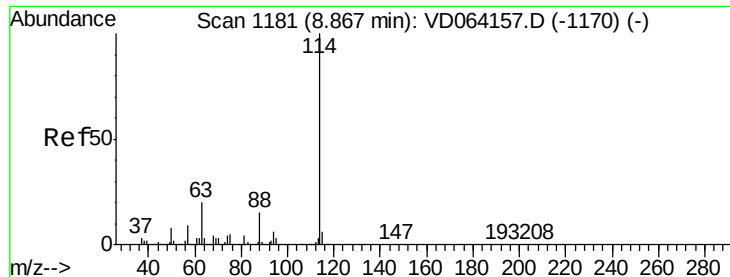
67 50.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

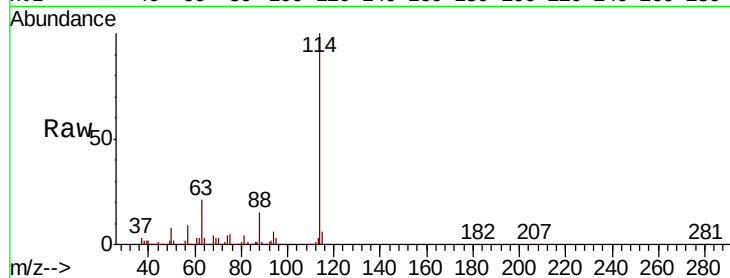




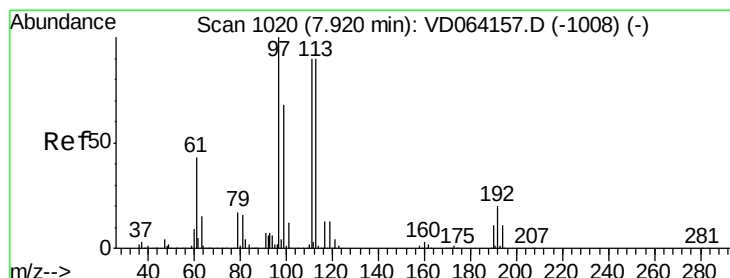
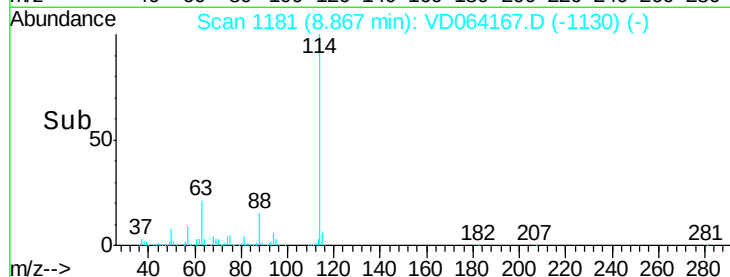
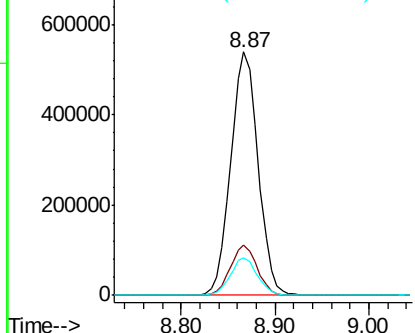
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064167.D
 Acq: 08 Nov 2019 21:08

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-35-S2

Tot Ion:114 Resp: 1090199
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.0
 88 15.4 0.0 30.2

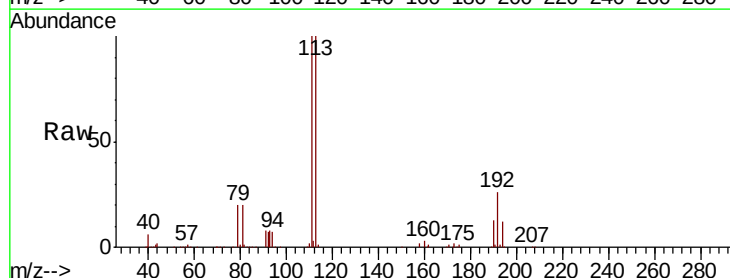


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

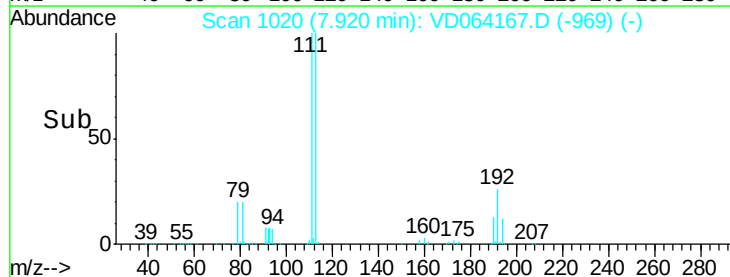
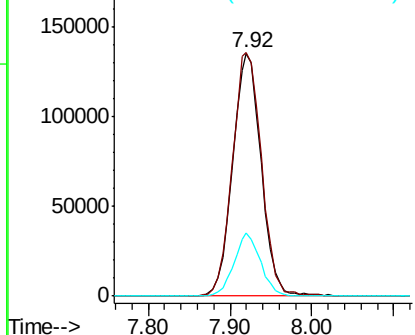


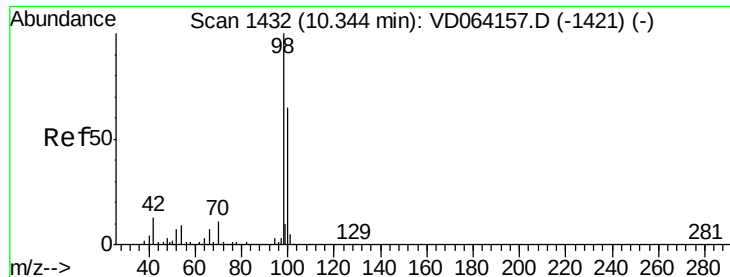
#35
 Dibromofluoromethane
 Concen: 52.095 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064167.D
 Acq: 08 Nov 2019 21:08

Tgt Ion:113 Resp: 326009
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.5 122.3
 192 24.2 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: 54.250 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064167.D

Acq: 08 Nov 2019 21:08

Instrument :

MSVOA_D

ClientSampleId :

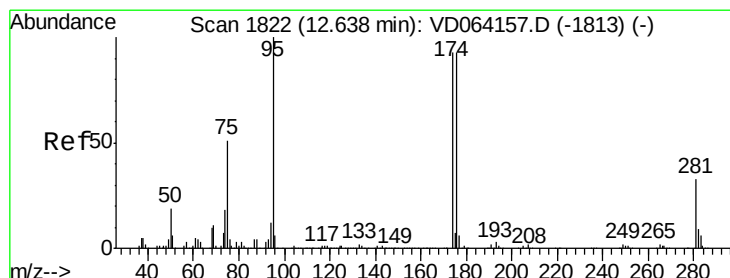
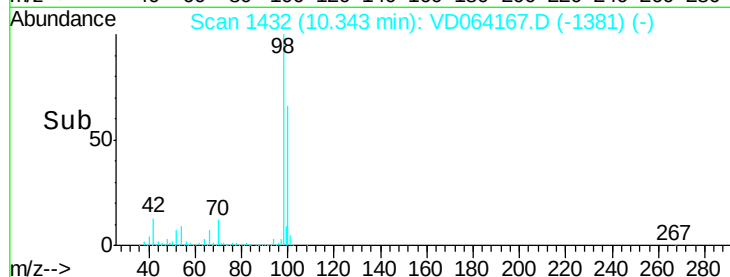
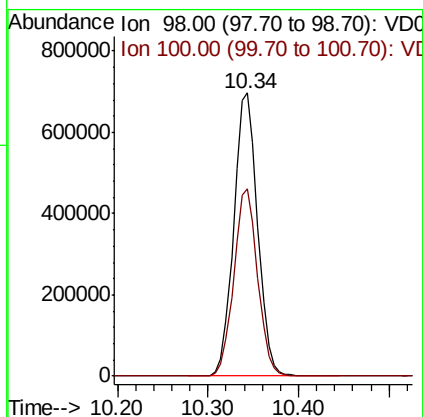
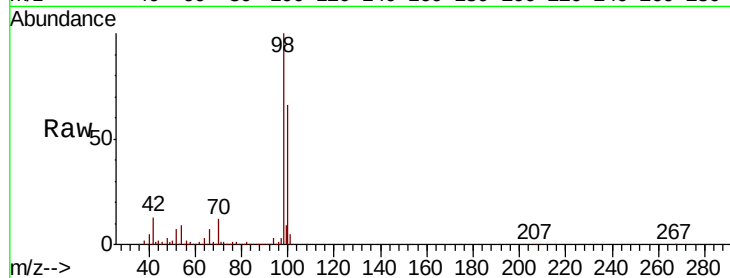
TP-35-S2

Tot Ion: 98 Resp: 1280718

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 59.729 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064167.D

Acq: 08 Nov 2019 21:08

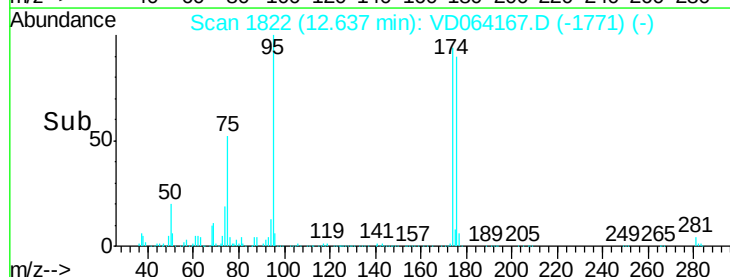
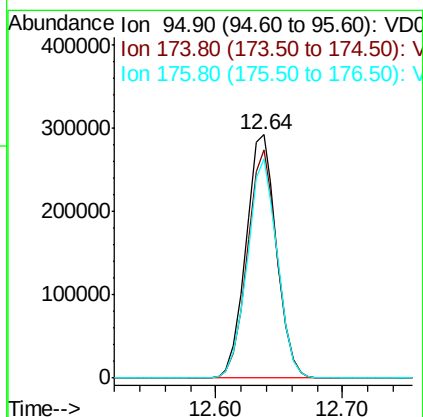
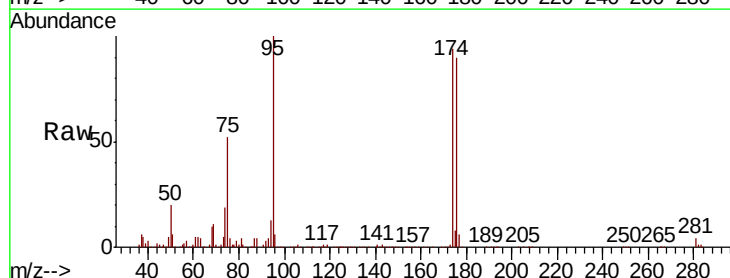
Tgt Ion: 95 Resp: 488311

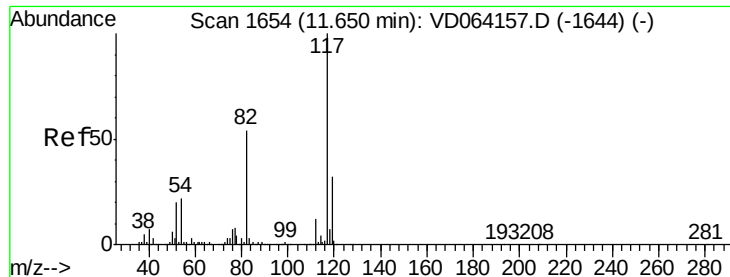
Ion Ratio Lower Upper

95 100

174 91.5 0.0 183.6

176 88.7 0.0 180.2

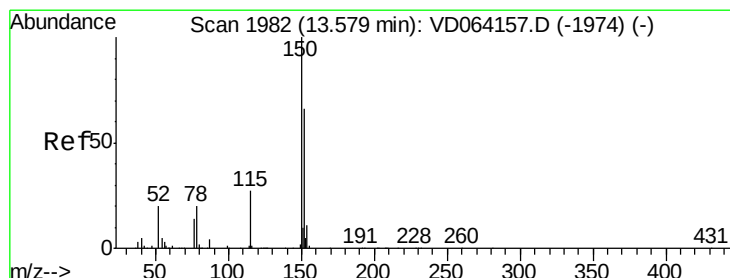
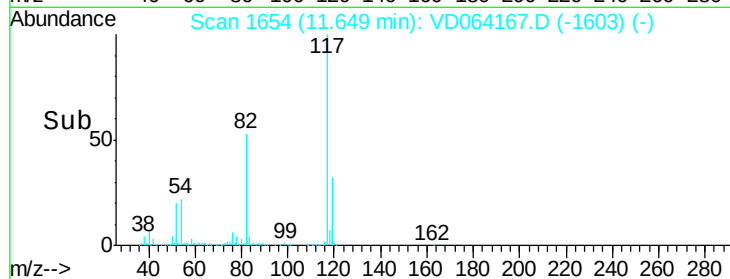
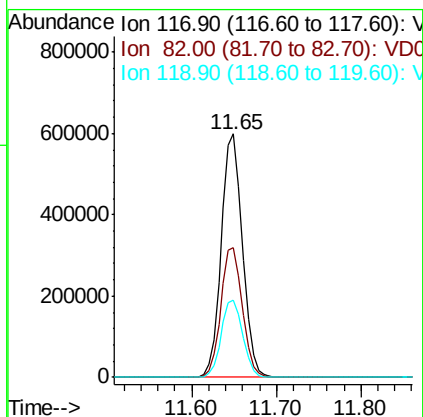
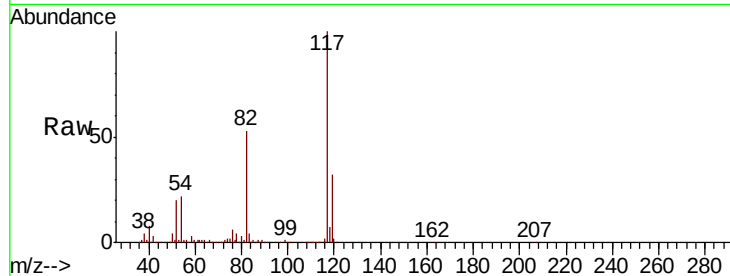




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064167.D
Acq: 08 Nov 2019 21:08

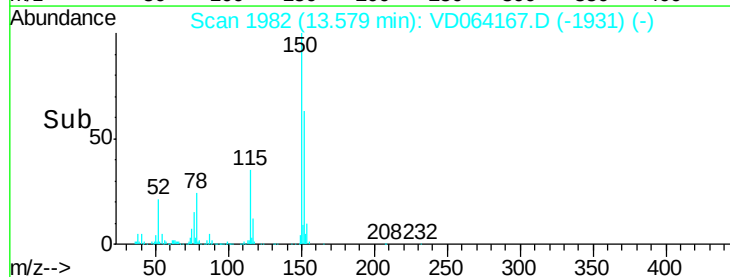
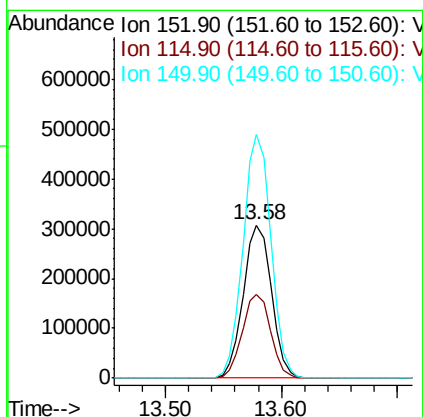
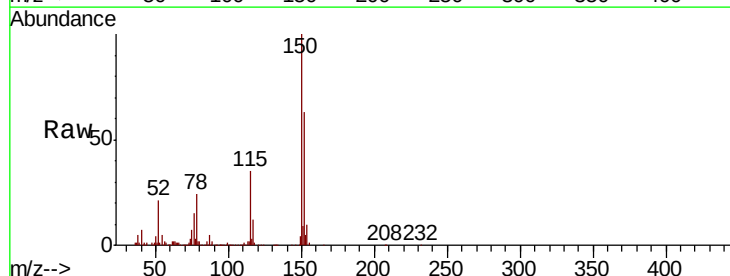
Instrument :
MSVOA_D
ClientSampleId :
TP-35-S2

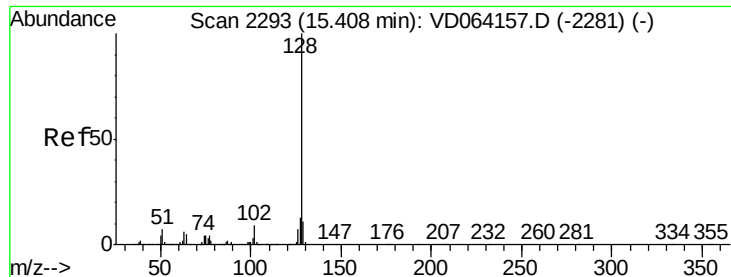
Tot Ion:117 Resp: 1040344
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD064167.D
Acq: 08 Nov 2019 21:08

Tgt Ion:152 Resp: 522635
Ion Ratio Lower Upper
152 100
115 54.7 27.4 82.2
150 157.6 0.0 351.6





#95

Naphthalene

Concen: 1.103 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD064167.D

Acq: 08 Nov 2019 21:08

Instrument :

MSVOA_D

ClientSampleId :

TP-35-S2

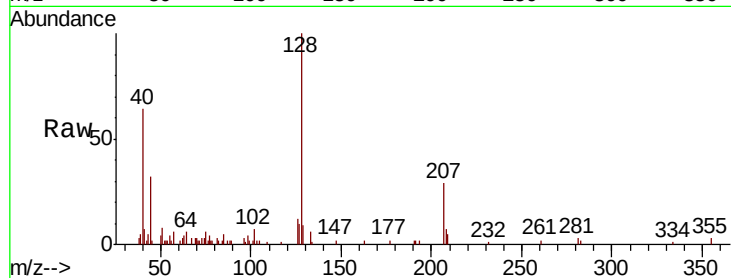
Tot Ion:128 Resp: 20419

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.9 8.6 13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

