

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063342.D
 Acq On : 3 Aug 2019 4:38
 Operator : VA/AP
 Sample : K4129-02
 Misc : 5.34g/5ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-H-(30)

Quant Time: Aug 04 05:05:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

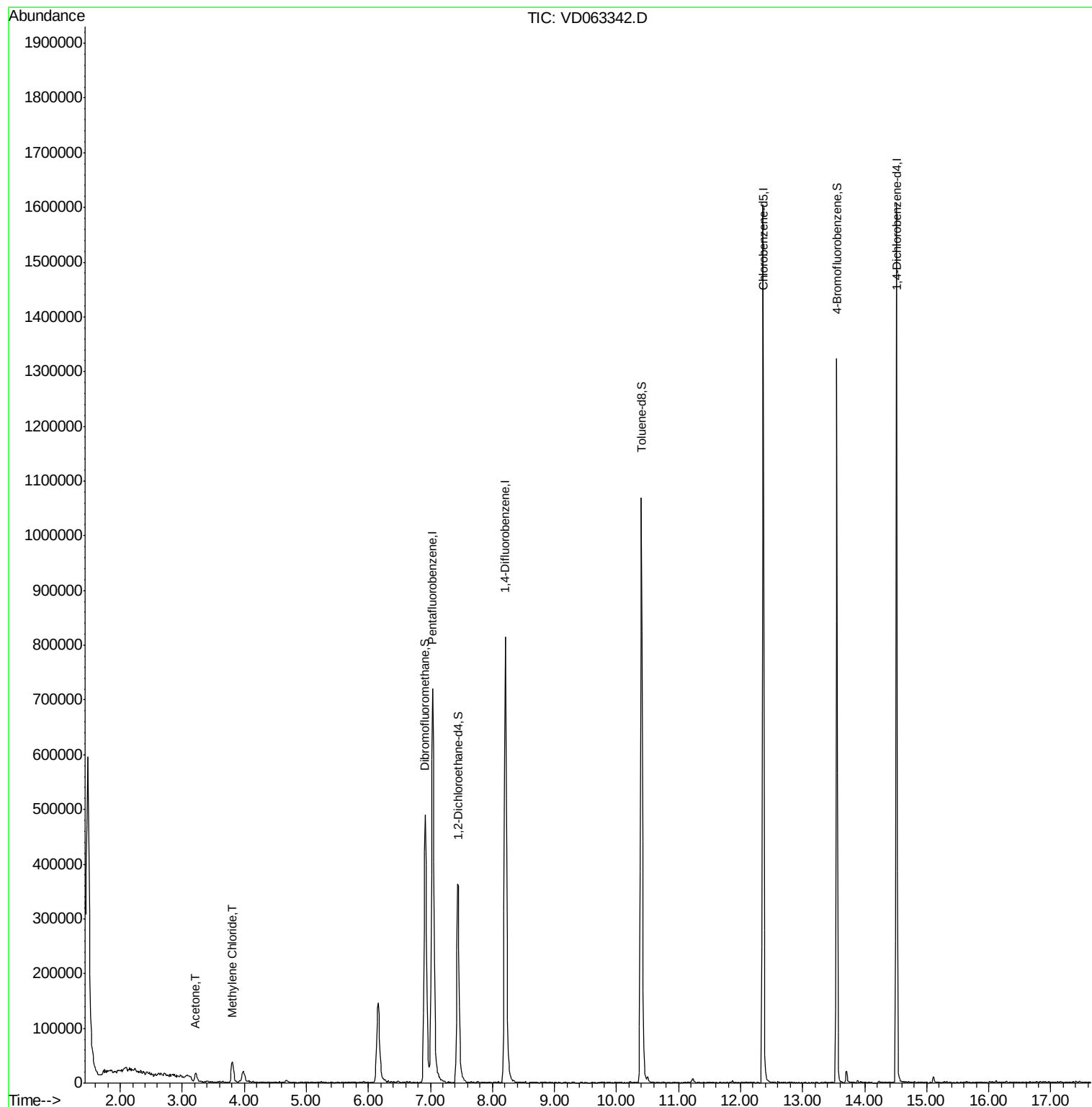
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	687851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	926751	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	822993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	378826	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	427929	56.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.14%	
35) Dibromofluoromethane	6.92	113	432010	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
50) Toluene-d8	10.40	98	846173	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	13.55	95	344409	42.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.36%	
Target Compounds						
16) Acetone	3.22	43	29268	19.681	ug/l	99
20) Methylene Chloride	3.81	84	22676	3.772	ug/l	98

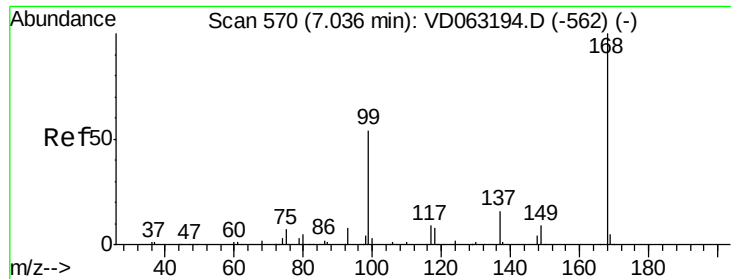
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

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Acq: 3 Aug 2019 4:38

Instrument :

MSVOA_D

ClientSampleId :

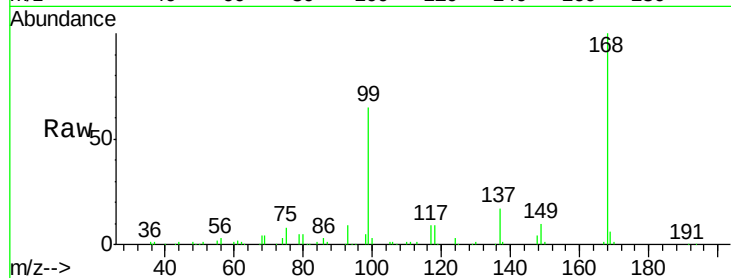
1S-H-(30)

Tot Ion:168 Resp: 687851

Ion Ratio Lower Upper

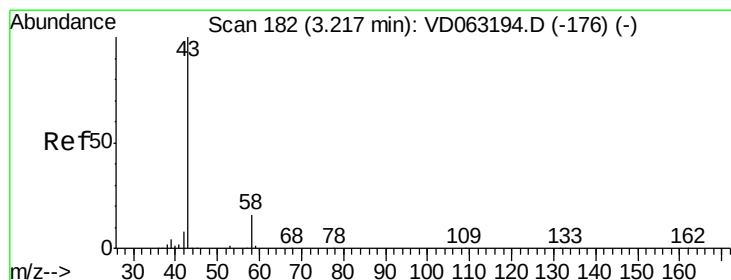
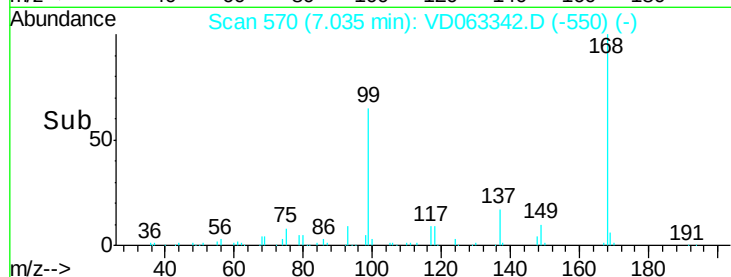
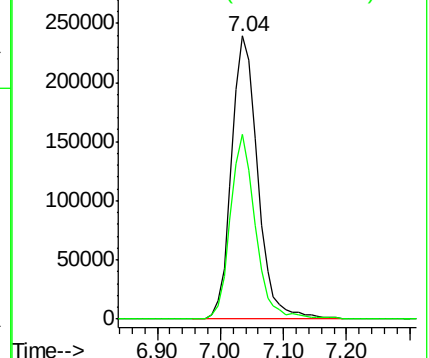
168 100

99 65.5 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 19.681 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD063342.D

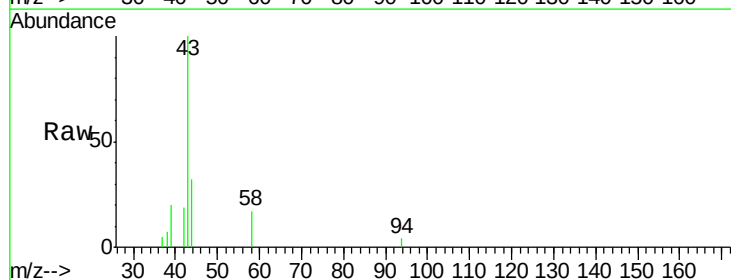
Acq: 3 Aug 2019 4:38

Tgt Ion: 43 Resp: 29268

Ion Ratio Lower Upper

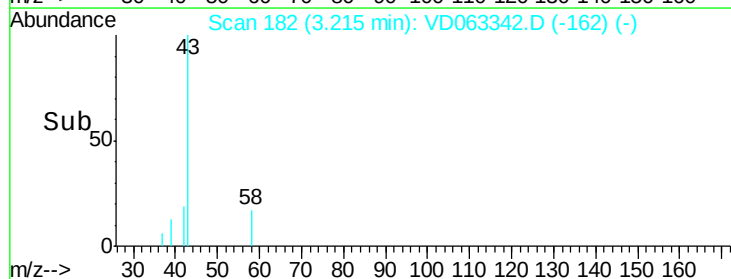
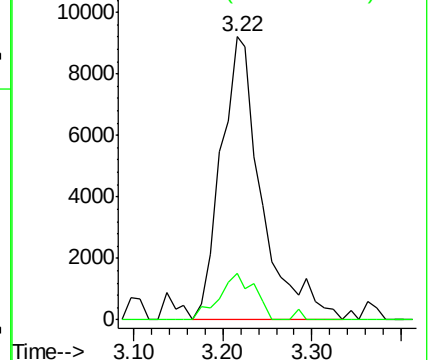
43 100

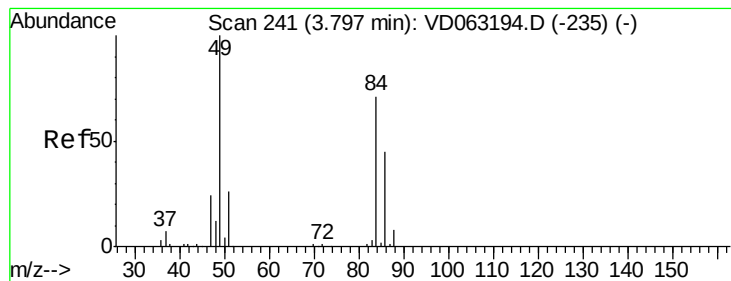
58 16.6 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 3.772 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD063342.D

Acq: 3 Aug 2019 4:38

Instrument :

MSVOA_D

ClientSampleId :

1S-H-(30)

Tot Ion: 84 Resp: 22676

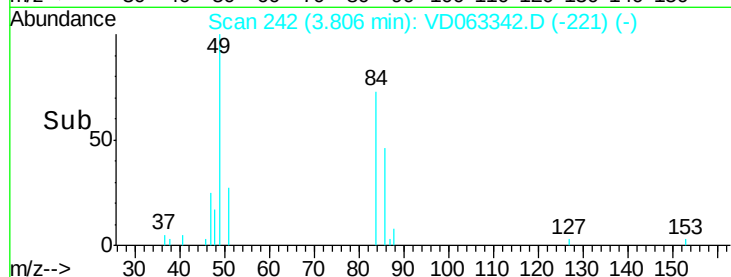
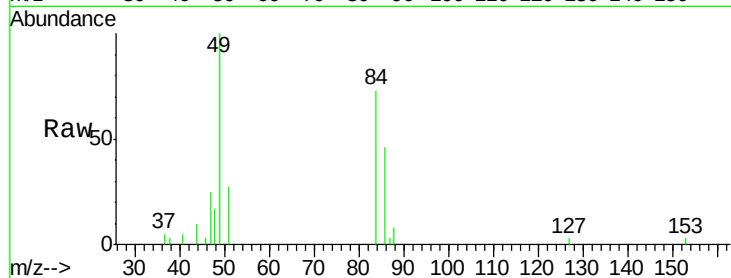
Ion Ratio Lower Upper

84 100

49 137.2 112.5 168.7

51 36.7 29.6 44.4

86 63.7 50.4 75.6

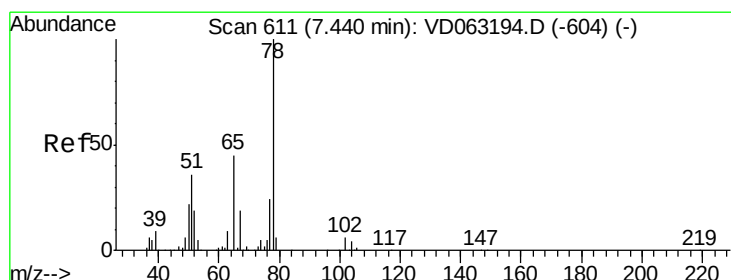
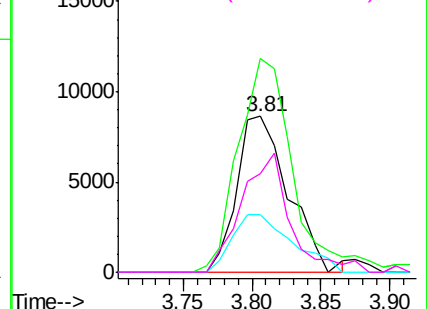


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 56.068 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063342.D

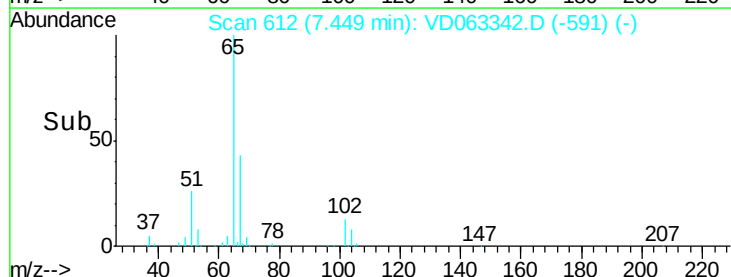
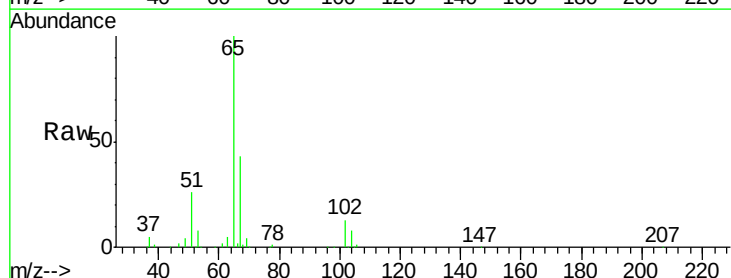
Acq: 3 Aug 2019 4:38

Tgt Ion: 65 Resp: 427929

Ion Ratio Lower Upper

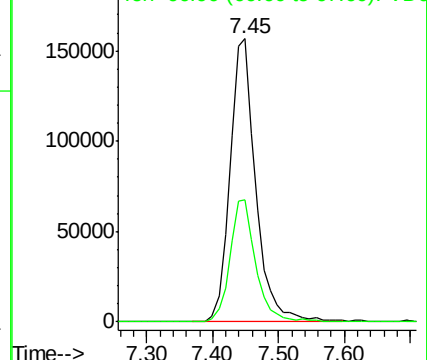
65 100

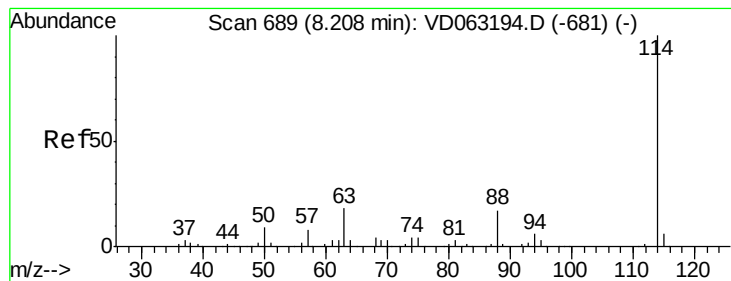
67 43.0 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063342.D

Acq: 3 Aug 2019 4:38

Instrument :

MSVOA_D

ClientSampleId :

1S-H-(30)

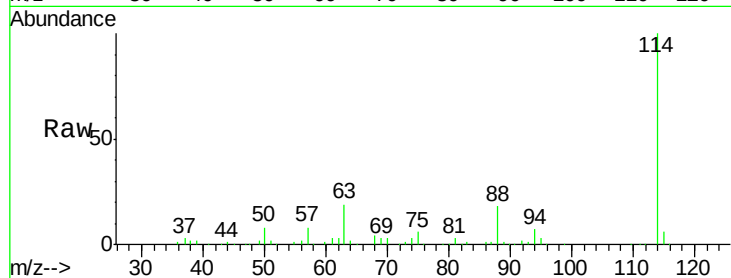
Tot Ion:114 Resp: 926751

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.2

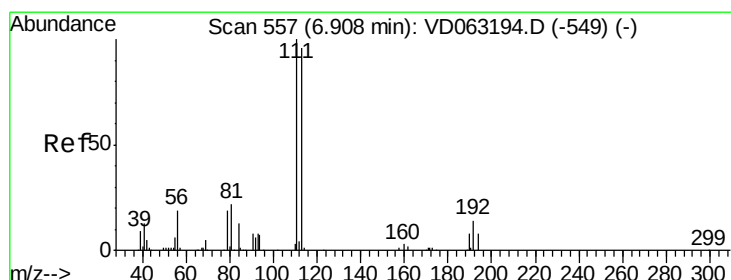
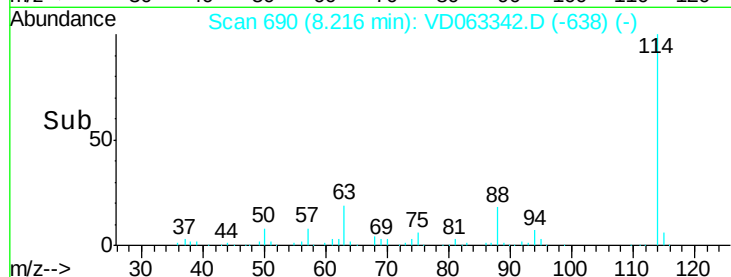
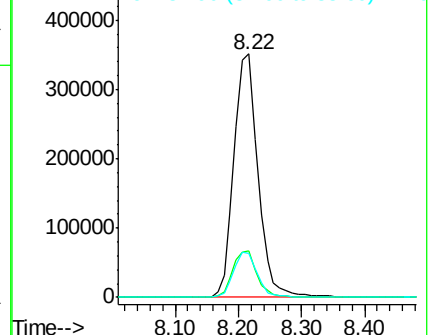
88 17.9 0.0 34.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 54.599 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063342.D

Acq: 3 Aug 2019 4:38

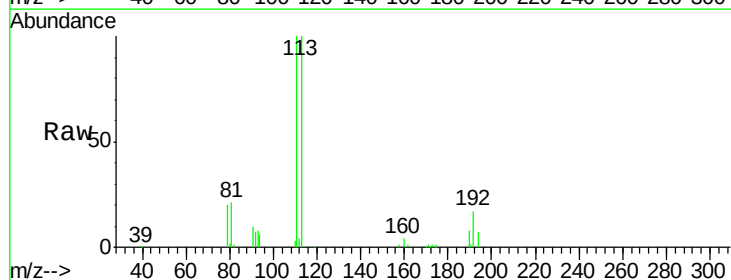
Tgt Ion:113 Resp: 432010

Ion Ratio Lower Upper

113 100

111 100.3 83.2 124.8

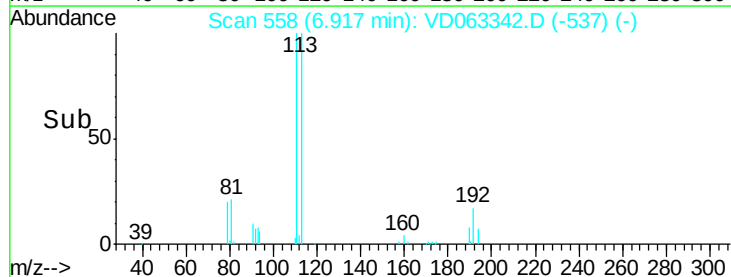
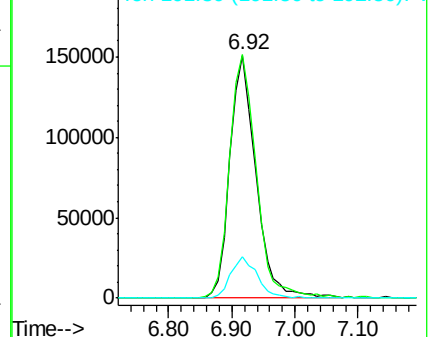
192 17.0 11.8 17.8

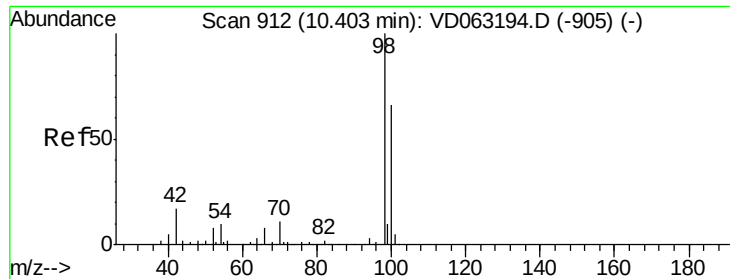


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 47.785 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063342.D

Acq: 3 Aug 2019 4:38

Instrument :

MSVOA_D

ClientSampleId :

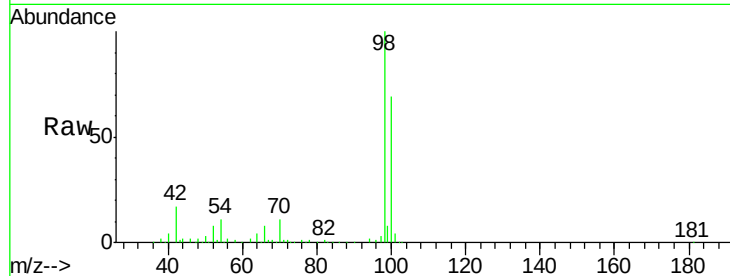
1S-H-(30)

Tot Ion: 98 Resp: 846173

Ion Ratio Lower Upper

98 100

100 69.0 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VD063194.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD063194.D (-905) (-)

10.40

400000

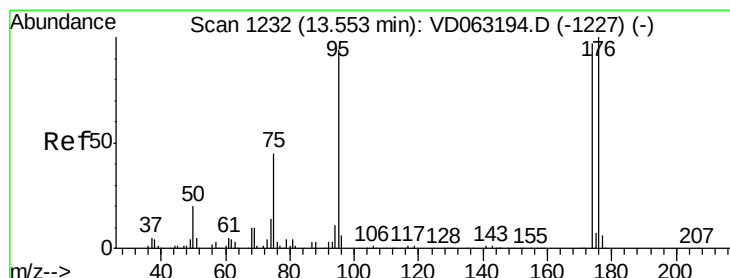
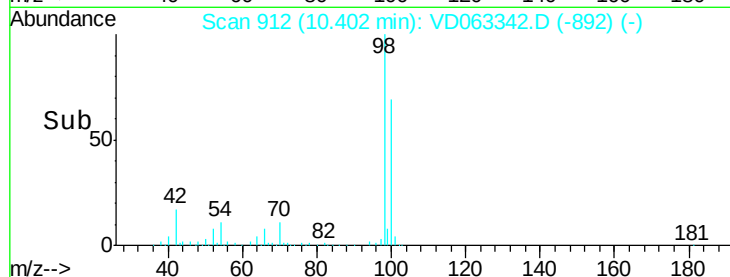
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.680 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063342.D

Acq: 3 Aug 2019 4:38

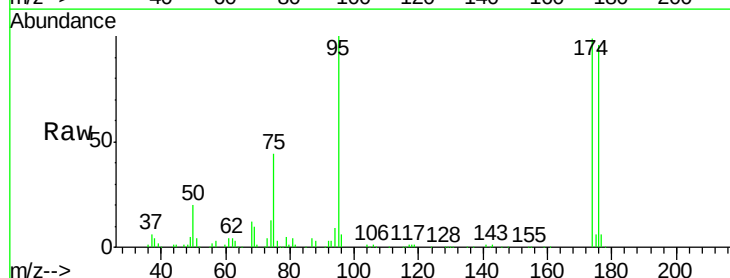
Tgt Ion: 95 Resp: 344409

Ion Ratio Lower Upper

95 100

174 99.2 0.0 205.4

176 95.5 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VD063194.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD063194.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD063194.D (-1227) (-)

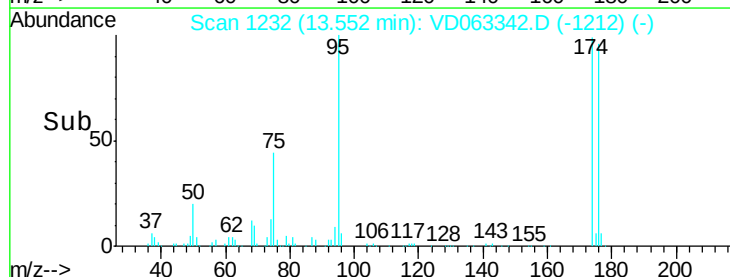
300000

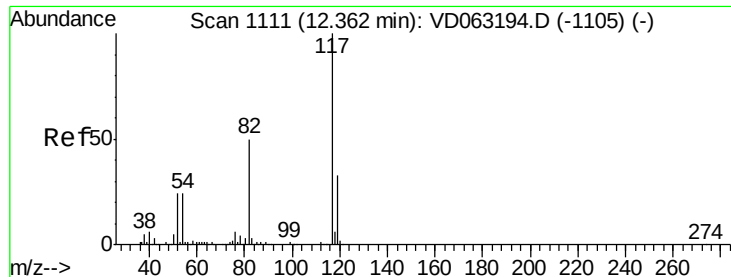
200000

100000

0

Time-->

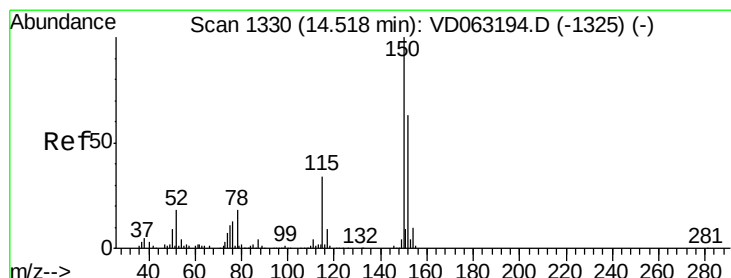
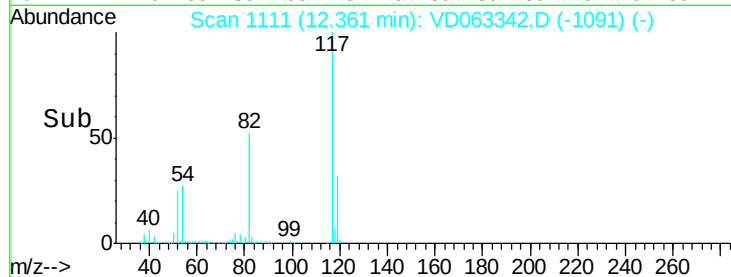
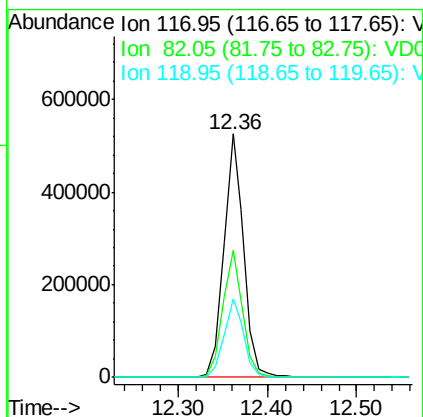
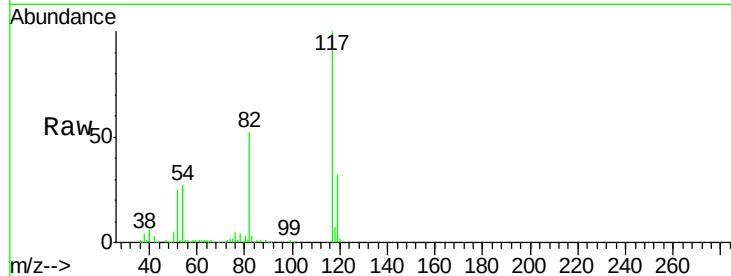




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063342.D
Acq: 3 Aug 2019 4:38

Instrument :
MSVOA_D
ClientSampleId :
1S-H-(30)

Tot Ion:117 Resp: 822993
Ion Ratio Lower Upper
117 100
82 52.1 40.1 60.1
119 32.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063342.D
Acq: 3 Aug 2019 4:38

Tgt Ion:152 Resp: 378826
Ion Ratio Lower Upper
152 100
115 53.3 27.5 82.4
150 152.4 0.0 320.6

