

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063265.D
 Acq On : 31 Jul 2019 4:16
 Operator : VA/AP
 Sample : K3618-09
 Misc : 5.72g/5ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 HD-01-073019

Quant Time: Jul 31 06:57:05 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

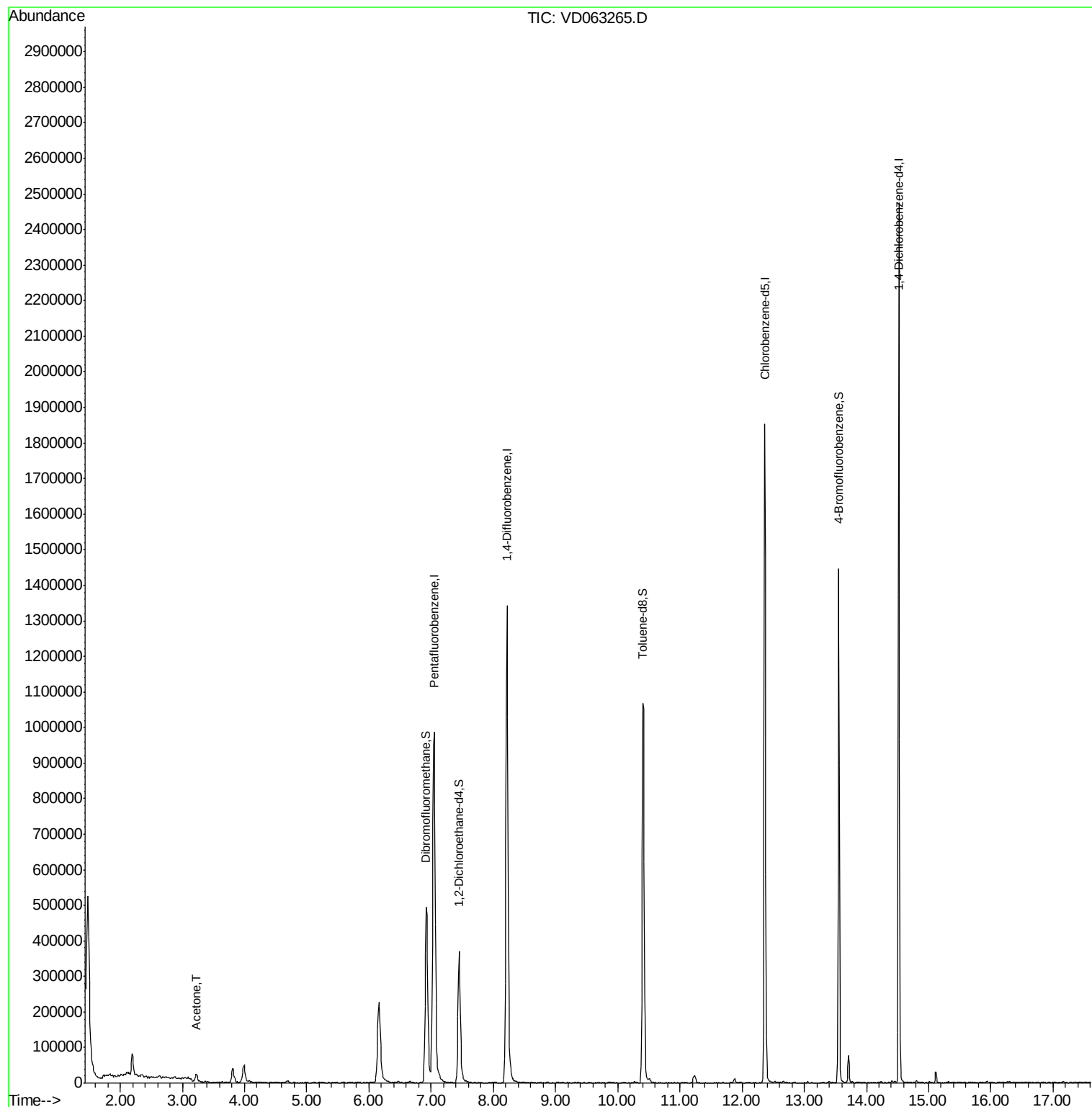
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1004497	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	1400161	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	978911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	514359	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	433963	38.93	ug/l	0.01
Spiked Amount 50.000			Recovery	=	77.86%	
35) Dibromofluoromethane	6.92	113	440214	36.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	73.64%	
50) Toluene-d8	10.40	98	863137	32.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.52%	
62) 4-Bromofluorobenzene	13.55	95	375890	30.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.66%	
Target Compounds						
16) Acetone	3.22	43	44021	20.271	ug/l	Qvalue 96

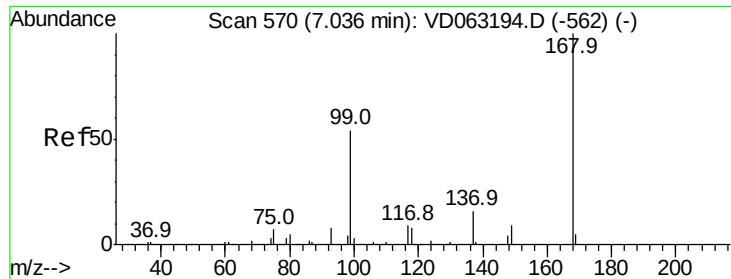
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

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MSVOA_D

ClientSampleId :

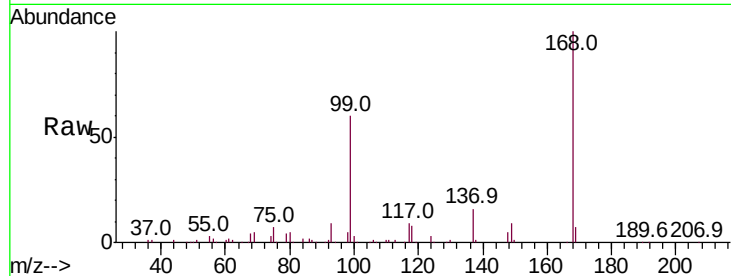
HD-01-073019

Tot Ion:168 Resp: 1004497

Ion Ratio Lower Upper

168 100

99 59.7 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

400000

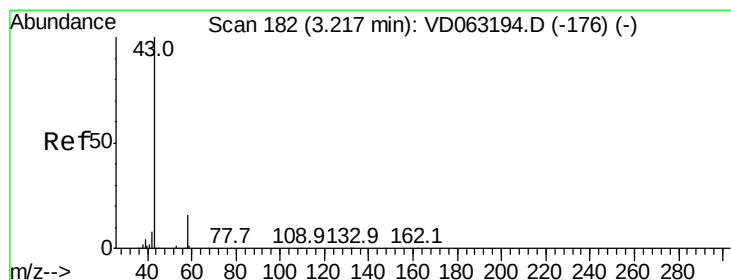
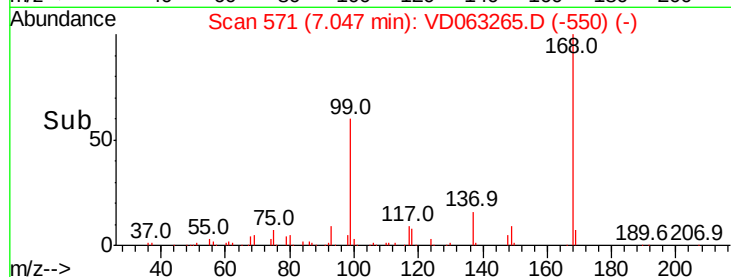
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 20.271 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063265.D

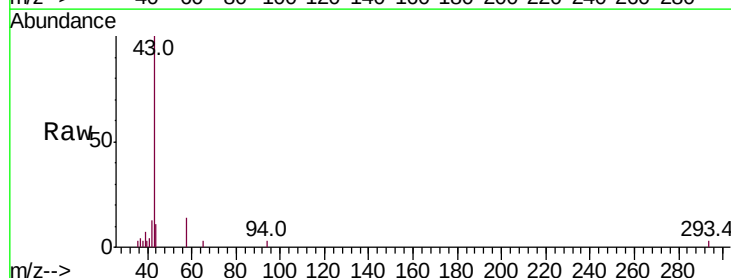
Acq: 31 Jul 2019 4:16

Tgt Ion: 43 Resp: 44021

Ion Ratio Lower Upper

43 100

58 14.4 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

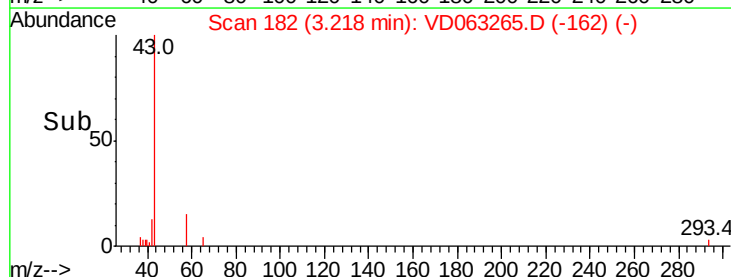
15000

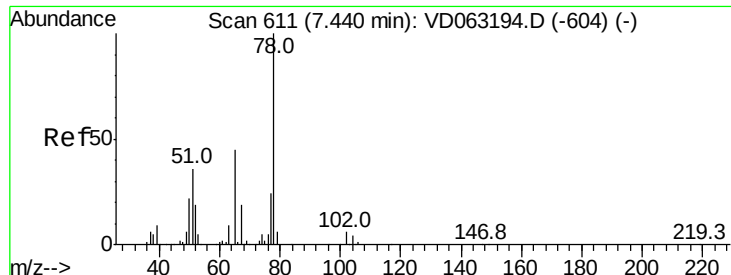
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 38.935 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

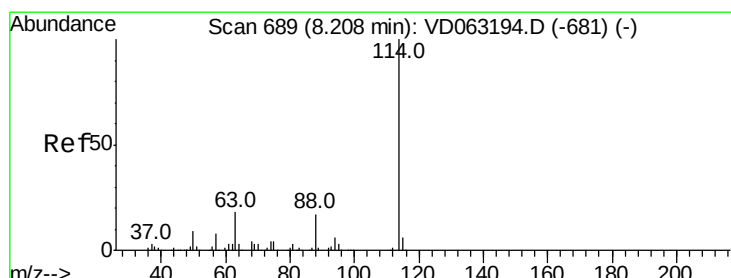
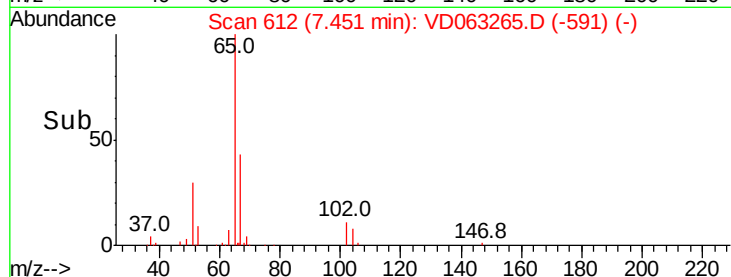
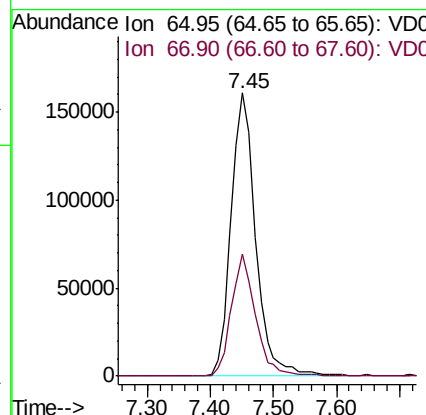
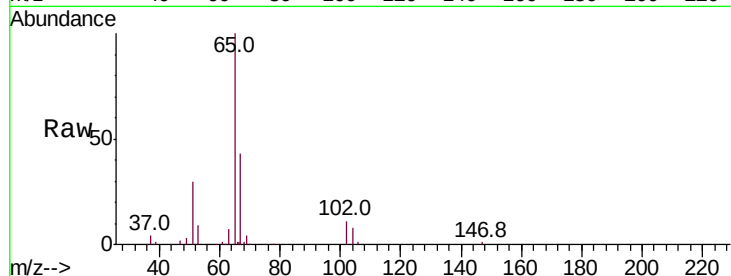
Lab File: VD063265.D

Acq: 31 Jul 2019 4:16

Instrument :
MSVOA_D
ClientSampleId :
HD-01-073019

Tot Ion: 65 Resp: 433963

Ion	Ratio	Lower	Upper
65	100		
67	43.3	0.0	85.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

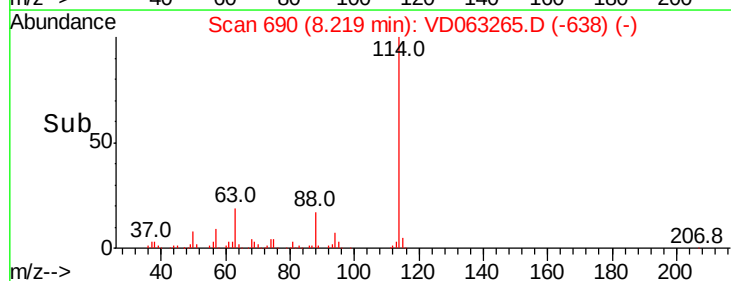
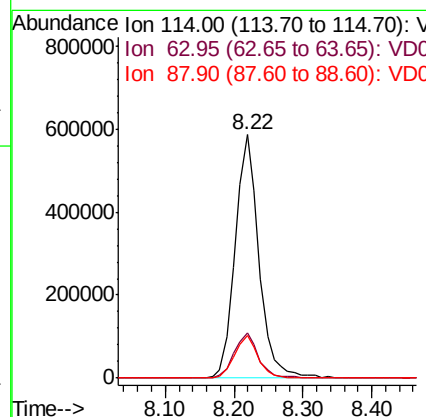
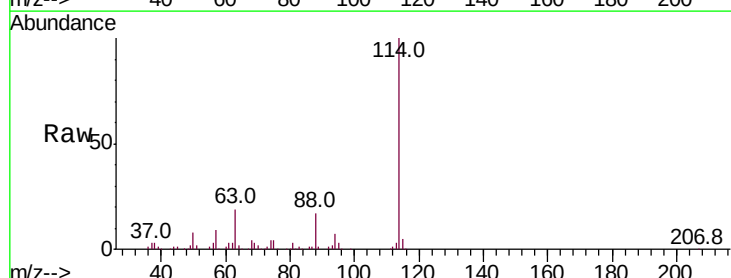
Delta R.T. 0.01 min

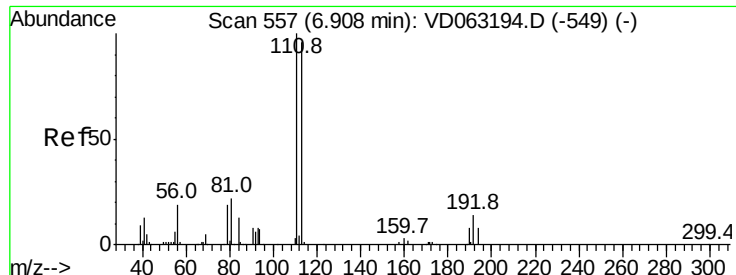
Lab File: VD063265.D

Acq: 31 Jul 2019 4:16

Tgt Ion: 114 Resp: 1400161

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	35.2
88	17.3	0.0	34.6





#35

Dibromofluoromethane

Concen: 36.824 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063265.D

Acq: 31 Jul 2019 4:16

Instrument :

MSVOA_D

ClientSampleId :

HD-01-073019

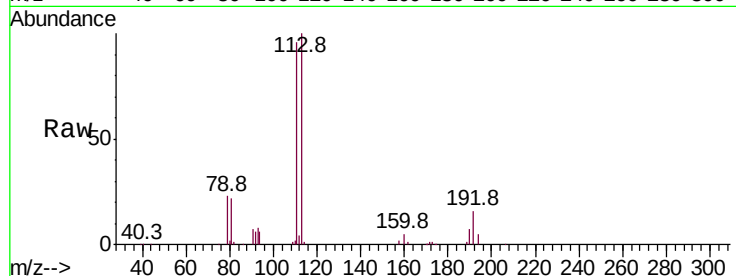
Tot Ion:113 Resp: 440214

Ion Ratio Lower Upper

113 100

111 95.7 83.2 124.8

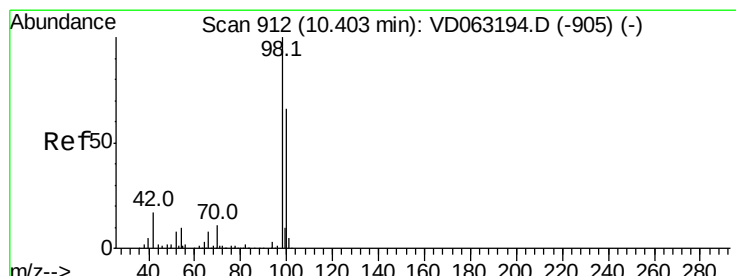
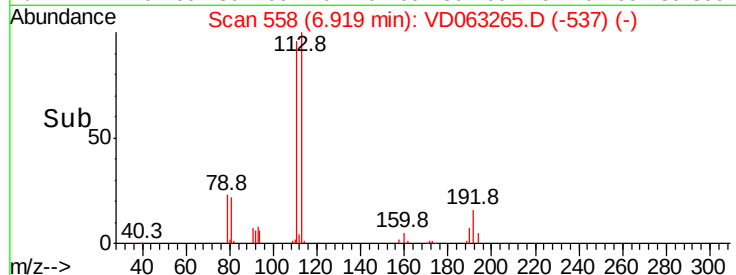
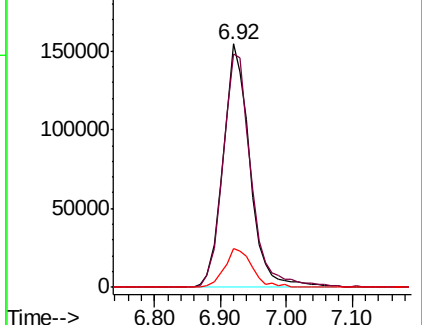
192 15.8 11.8 17.8



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: 32.262 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063265.D

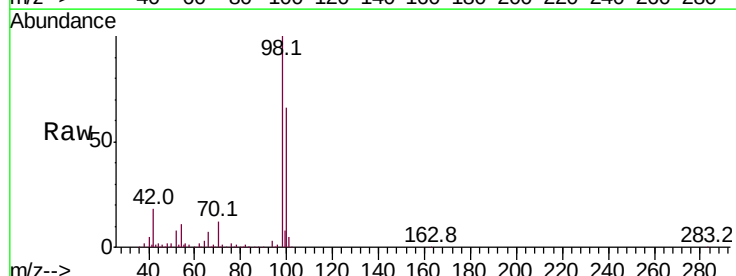
Acq: 31 Jul 2019 4:16

Tgt Ion: 98 Resp: 863137

Ion Ratio Lower Upper

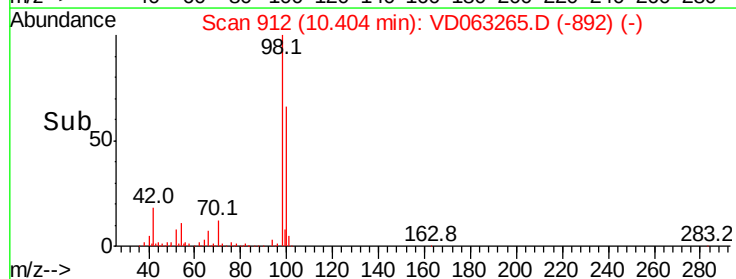
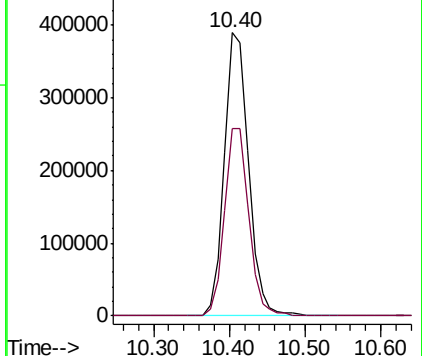
98 100

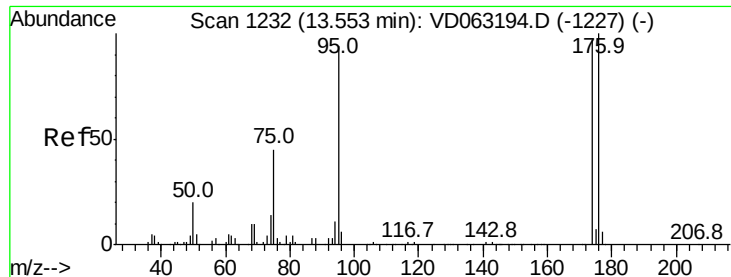
100 66.3 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 30.832 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063265.D

Acq: 31 Jul 2019 4:16

Instrument :

MSVOA_D

ClientSampleId :

HD-01-073019

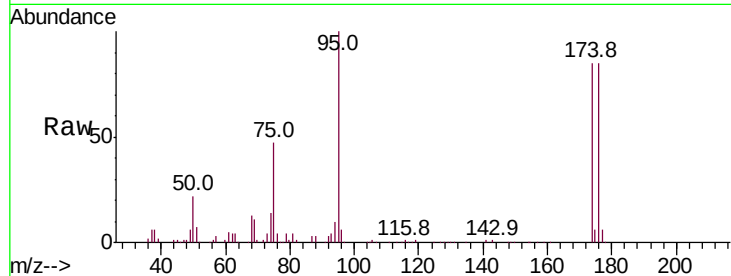
Tot Ion: 95 Resp: 375890

Ion Ratio Lower Upper

95 100

174 84.9 0.0 205.4

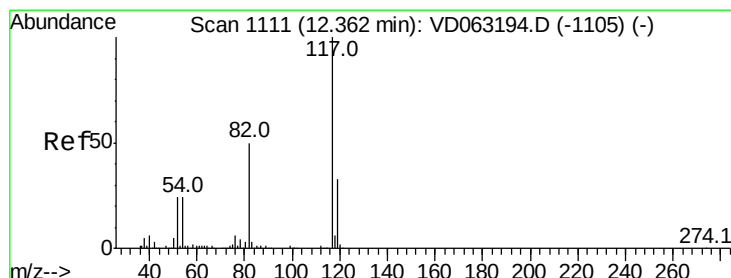
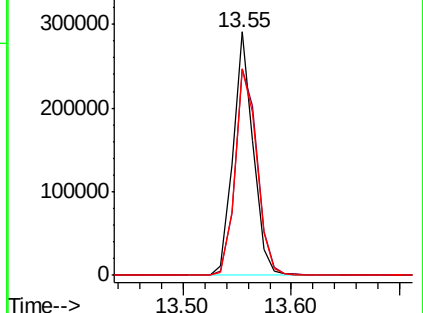
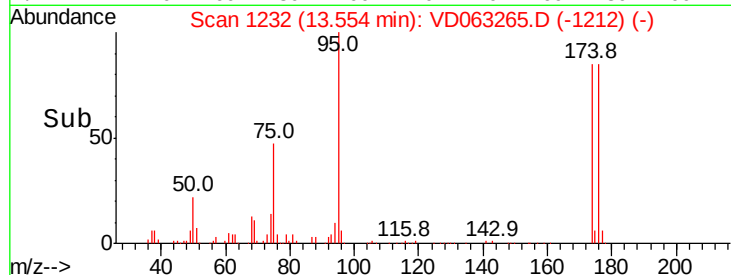
176 85.0 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD063265.D

Acq: 31 Jul 2019 4:16

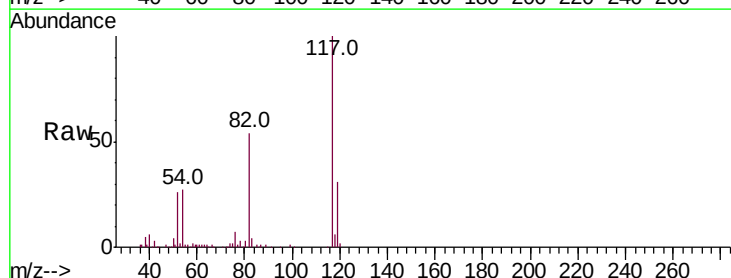
Tgt Ion: 117 Resp: 978911

Ion Ratio Lower Upper

117 100

82 53.8 40.1 60.1

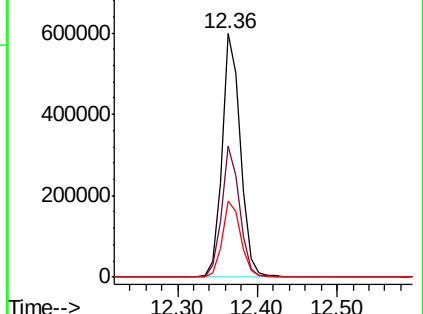
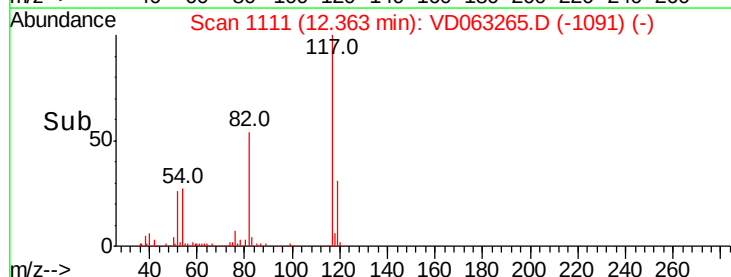
119 31.3 26.5 39.7

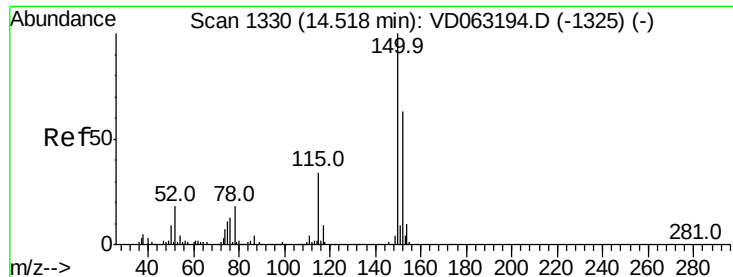


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD063265.D

Acq: 31 Jul 2019 4:16

Instrument :

MSVOA_D

ClientSampleId :

HD-01-073019

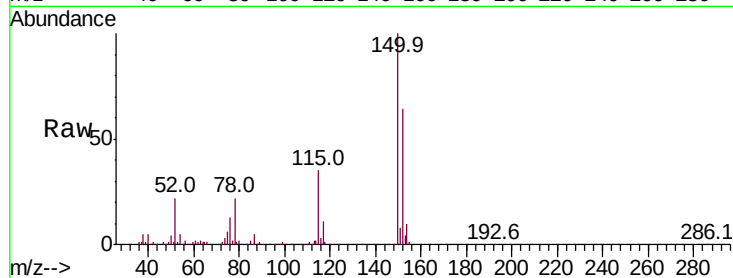
Tot Ion:152 Resp: 514359

Ion Ratio Lower Upper

152 100

115 54.6 27.5 82.4

150 155.1 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

