

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071519\
 Data File : VD063085.D
 Acq On : 15 Jul 2019 17:21
 Operator : VA/AP
 Sample : K3618-03
 Misc : 6.23g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-071119

Quant Time: Jul 16 08:36:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

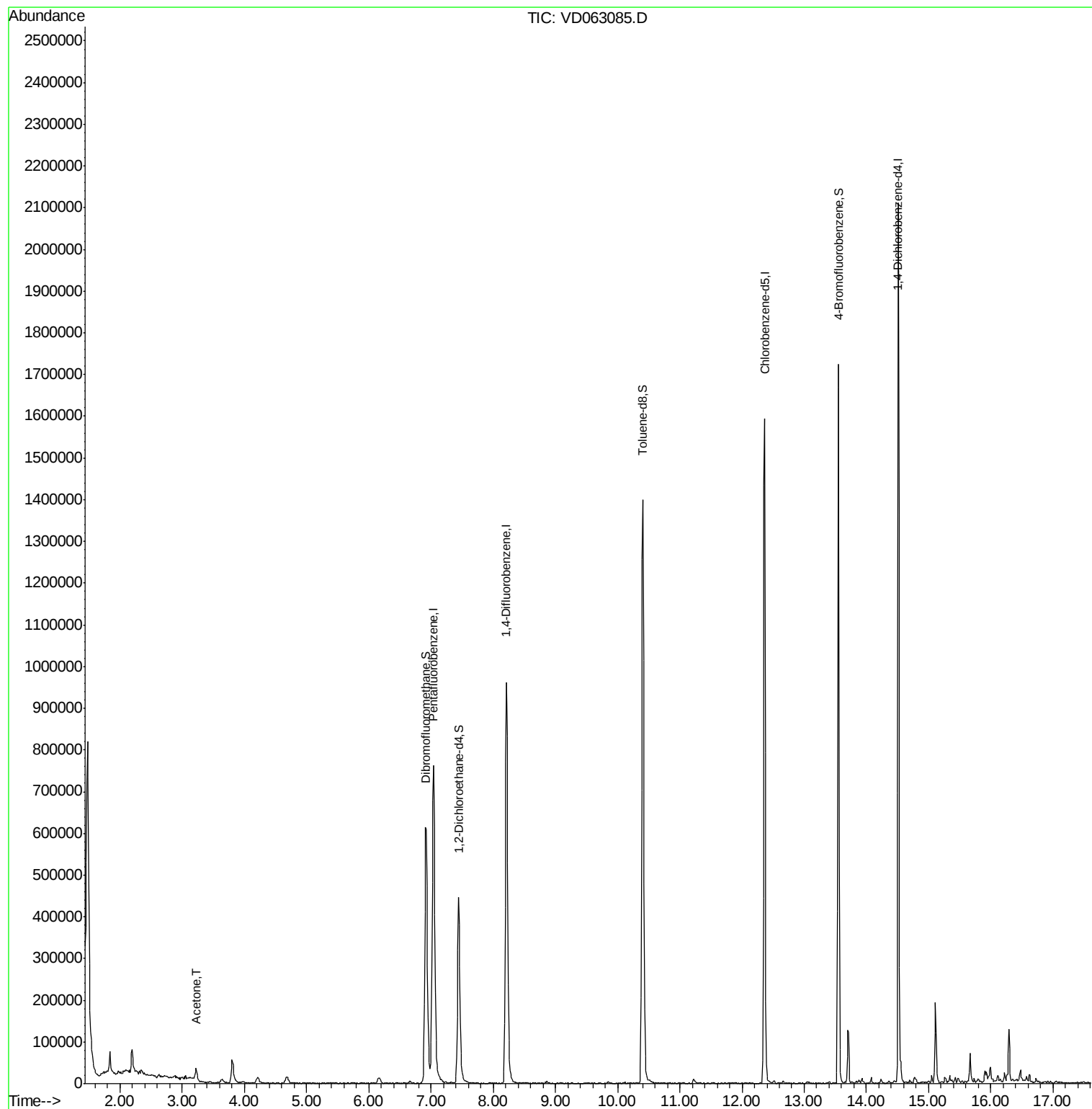
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	754814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1072767	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	913711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	439059	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	496631	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
35) Dibromofluoromethane	6.91	113	559895	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
50) Toluene-d8	10.41	98	1179708	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	13.55	95	535362	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
Target Compounds						
16) Acetone	3.22	43	66674	29.359	ug/l	Qvalue 93

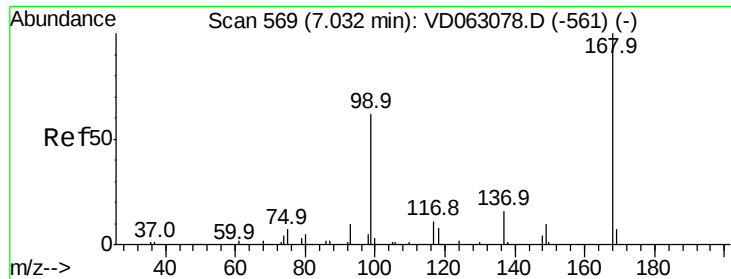
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071519\
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Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD063085.D

Acq: 15 Jul 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

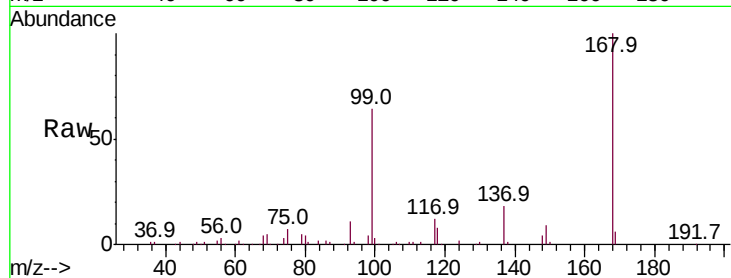
HD-02-071119

Tot Ion:168 Resp: 754814

Ion Ratio Lower Upper

168 100

99 64.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

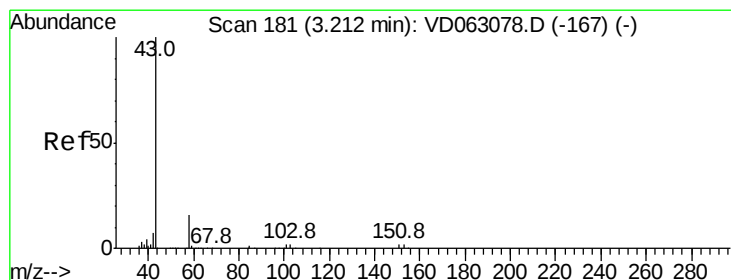
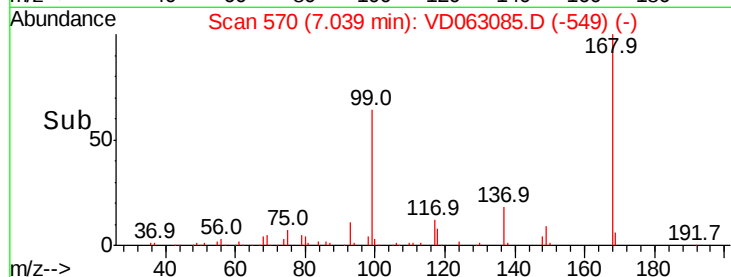
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 29.359 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD063085.D

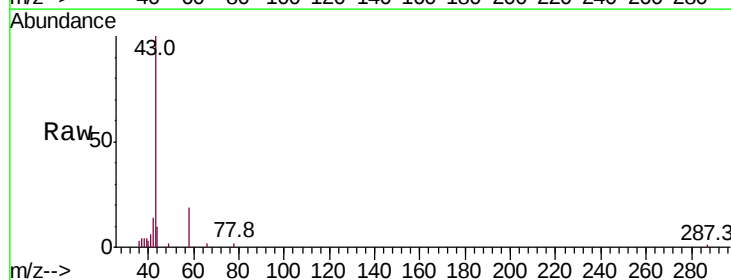
Acq: 15 Jul 2019 17:21

Tgt Ion: 43 Resp: 66674

Ion Ratio Lower Upper

43 100

58 19.0 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

25000

20000

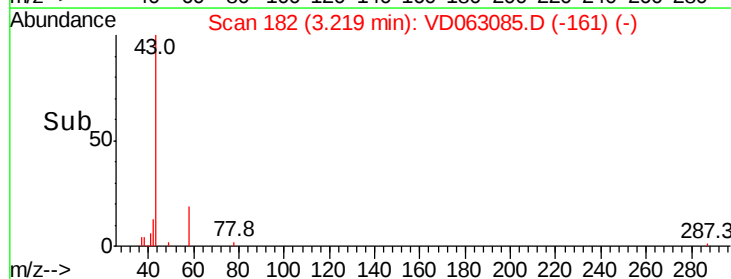
15000

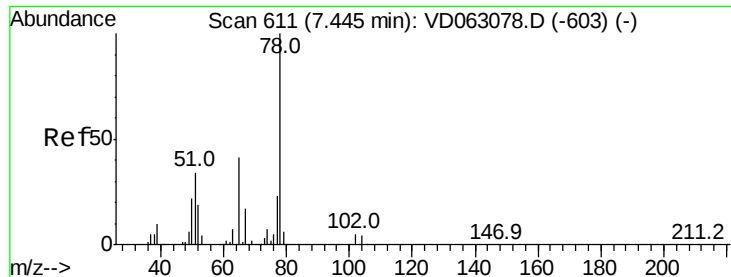
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.818 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063085.D

Acq: 15 Jul 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

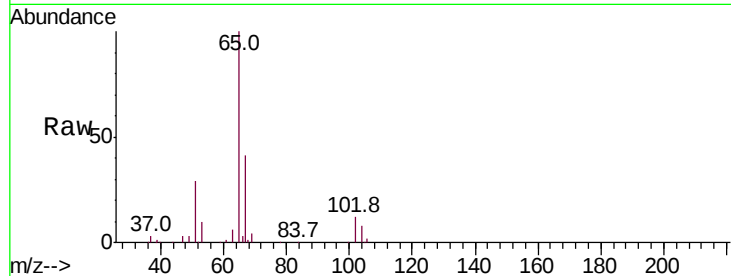
HD-02-071119

Tot Ion: 65 Resp: 496631

Ion Ratio Lower Upper

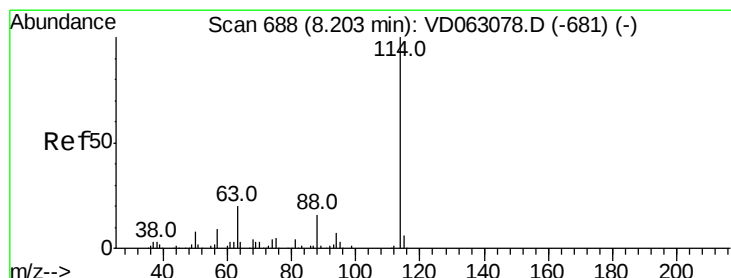
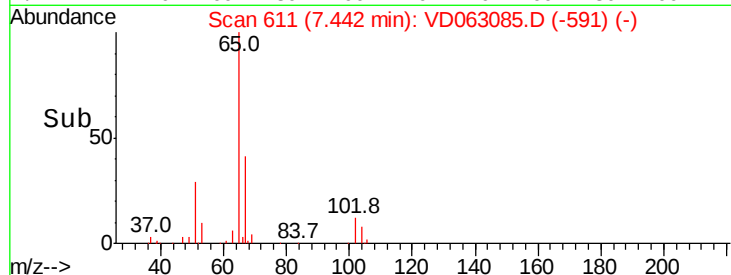
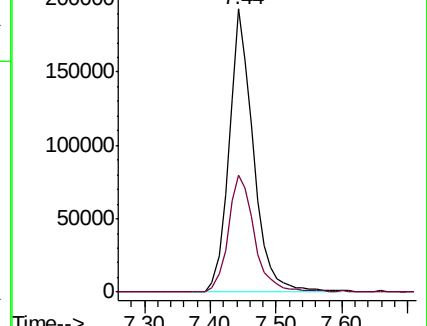
65 100

67 41.2 0.0 86.0



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: 8.21 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD063085.D

Acq: 15 Jul 2019 17:21

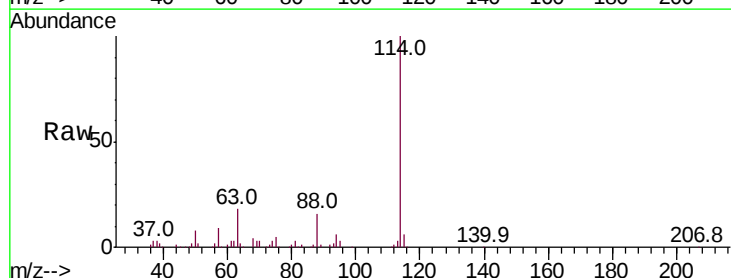
Tgt Ion: 114 Resp: 1072767

Ion Ratio Lower Upper

114 100

63 17.7 0.0 40.6

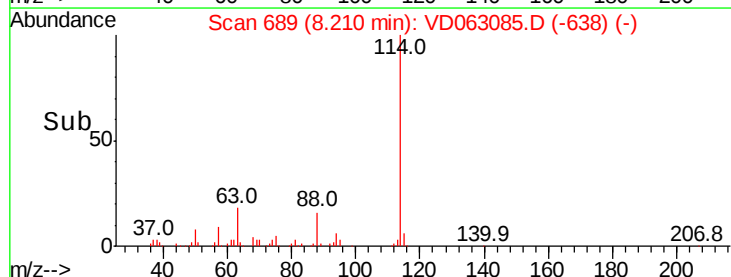
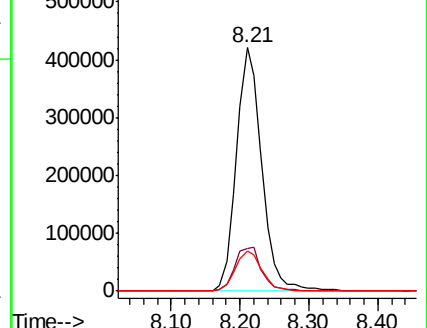
88 16.4 0.0 32.6

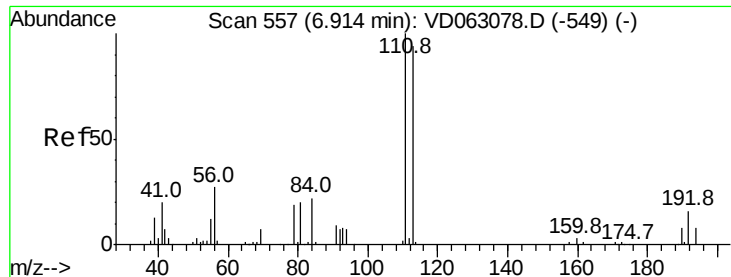


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

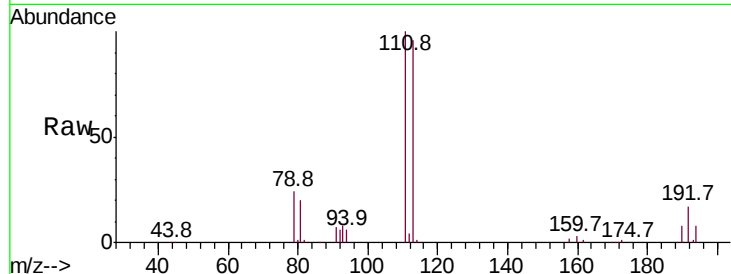




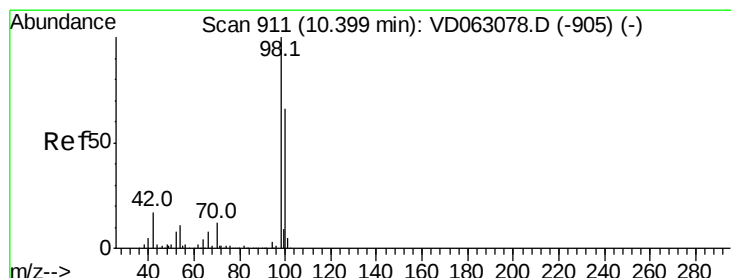
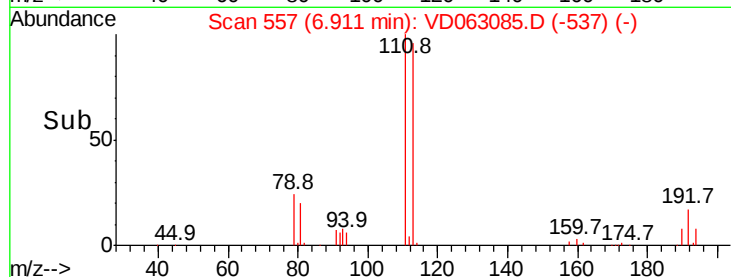
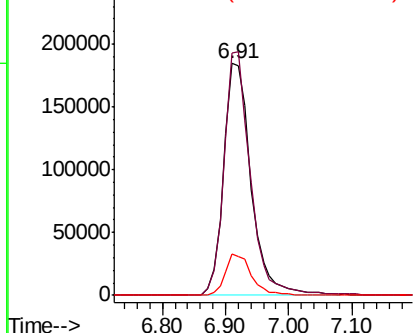
#35
 Dibromofluoromethane
 Concen: 52.400 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: VD063085.D
 Acq: 15 Jul 2019 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-071119

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	84.8	127.2
192	17.9	13.4	20.0

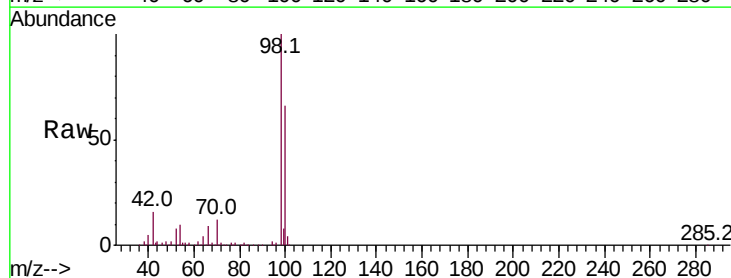


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

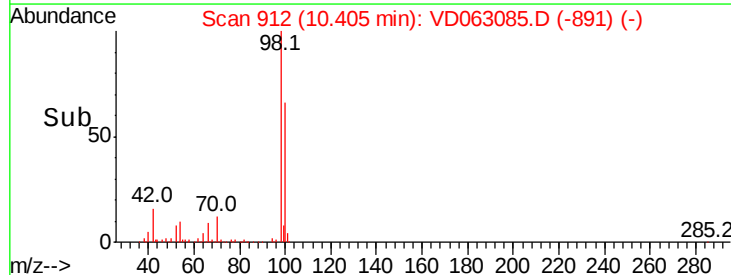
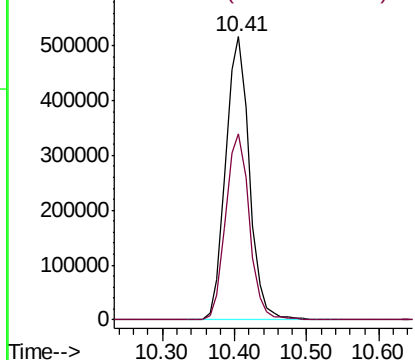


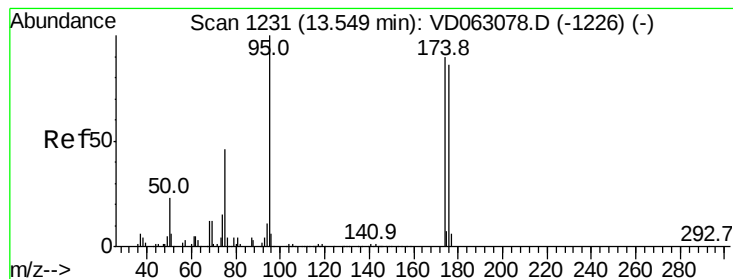
#50
 Toluene-d8
 Concen: 51.400 ug/l
 RT: 10.41 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: VD063085.D
 Acq: 15 Jul 2019 17:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.5	80.3



Abundance Ion 98.05 (97.75 to 98.75): VD
 Ion 100.05 (99.75 to 100.75): VD





#62

4-Bromofluorobenzene

Concen: 50.419 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD063085.D

Acq: 15 Jul 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

HD-02-071119

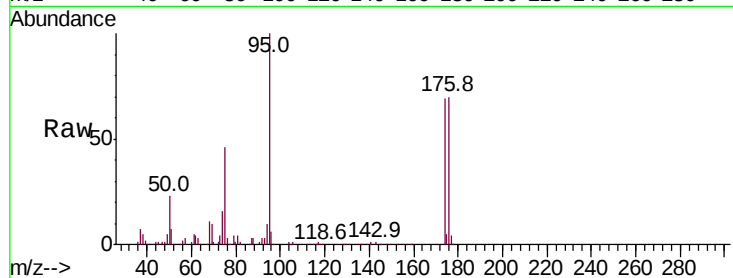
Tot Ion: 95 Resp: 535362

Ion Ratio Lower Upper

95 100

174 69.4 0.0 180.6

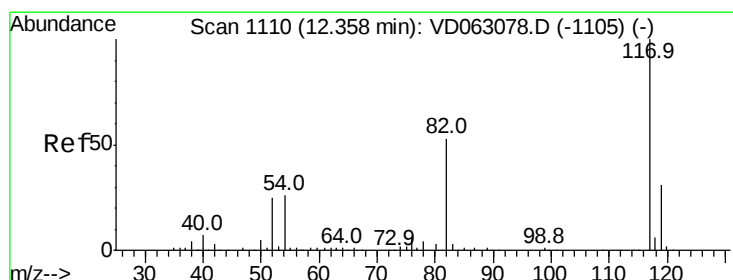
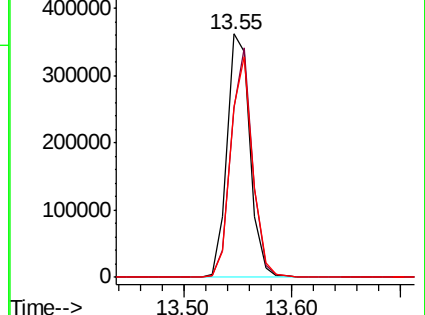
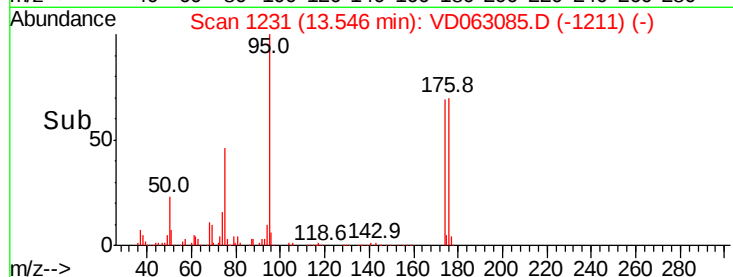
176 70.2 0.0 172.2



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. 0.01 min

Lab File: VD063085.D

Acq: 15 Jul 2019 17:21

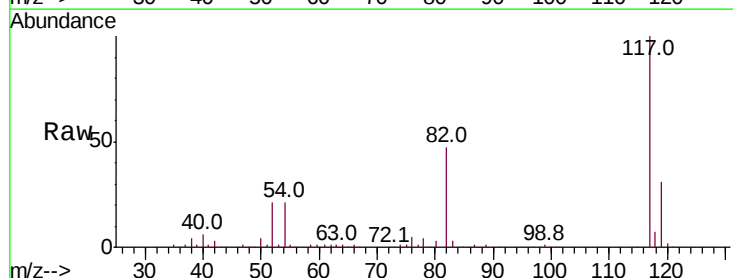
Tgt Ion: 117 Resp: 913711

Ion Ratio Lower Upper

117 100

82 46.6 42.3 63.5

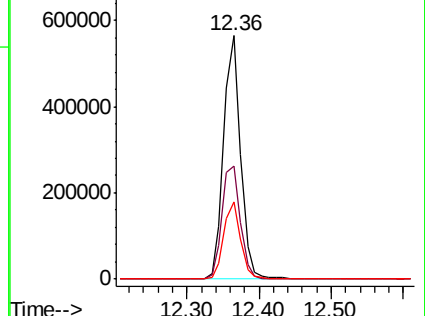
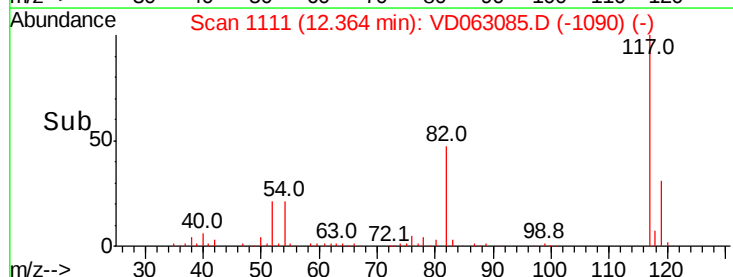
119 31.5 25.2 37.8

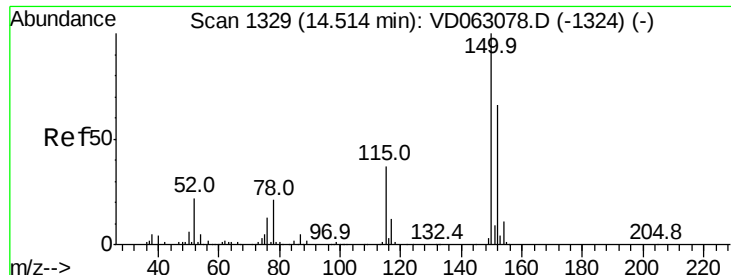


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.51 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD063085.D

Acq: 15 Jul 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

HD-02-071119

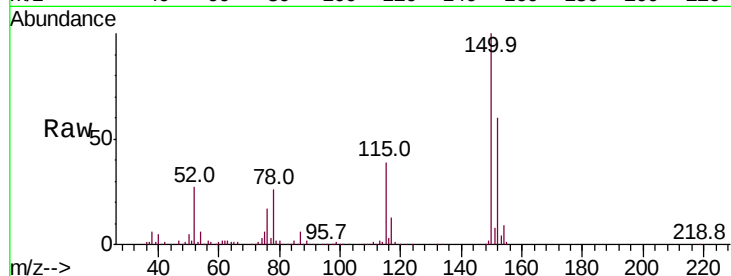
Tot Ion:152 Resp: 439059

Ion Ratio Lower Upper

152 100

115 65.0 28.9 86.8

150 166.9 0.0 313.8



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

