

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082119\
 Data File : VD063715.D
 Acq On : 21 Aug 2019 16:15
 Operator : JC/SY
 Sample : K4386-17
 Misc : 6.41g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T6-A2-(2)

Quant Time: Aug 22 01:57:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

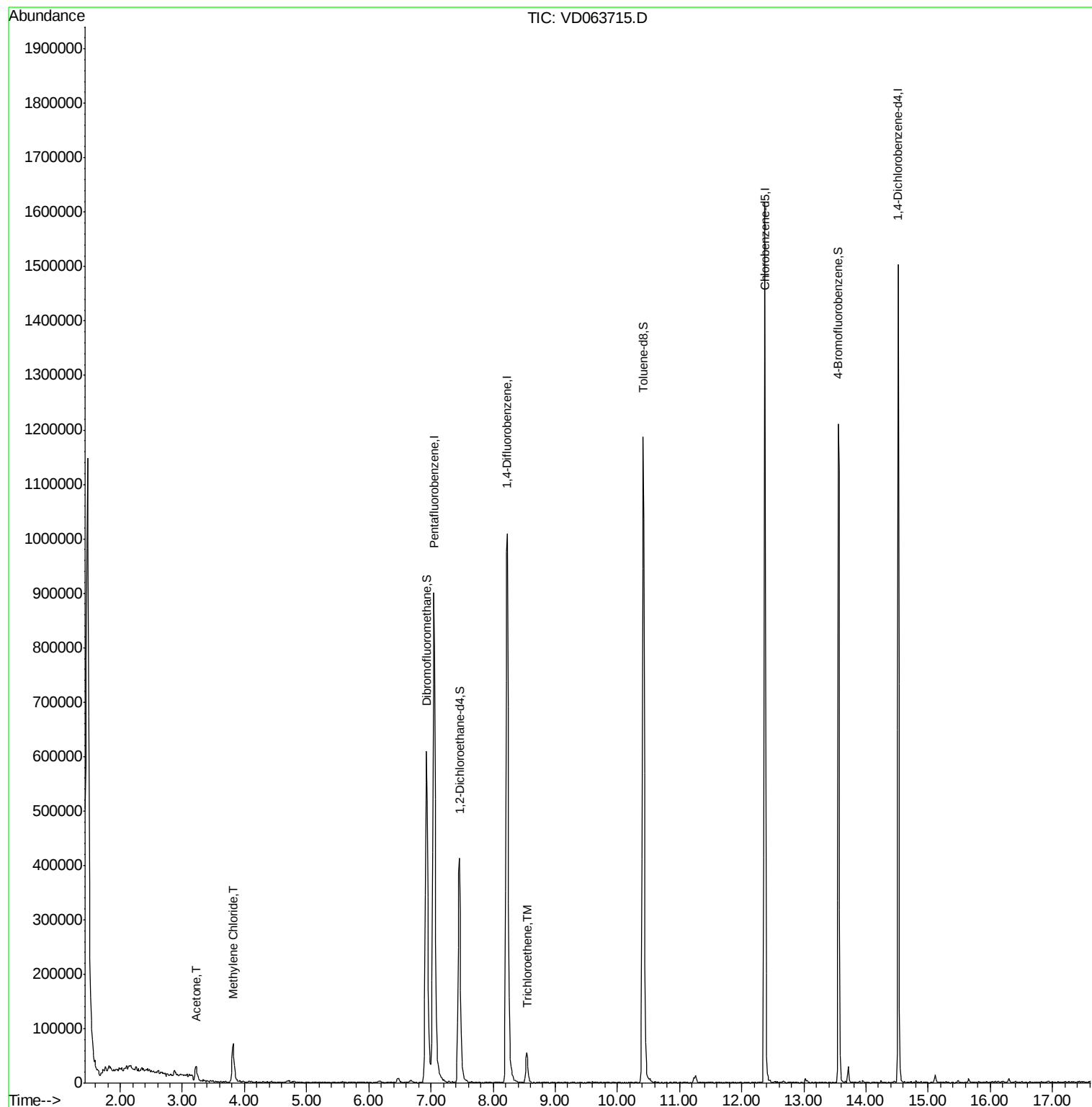
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	850845	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.23	114	1160660	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	881563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	309482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	468747	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
35) Dibromofluoromethane	6.93	113	531961	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
50) Toluene-d8	10.41	98	998864	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
62) 4-Bromofluorobenzene	13.55	95	361534	37.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.24%	
Target Compounds						
16) Acetone	3.23	43	54861	29.674	ug/l #	93
20) Methylene Chloride	3.82	84	41300	5.166	ug/l	94
44) Trichloroethene	8.54	130	24747	2.867	ug/l	83

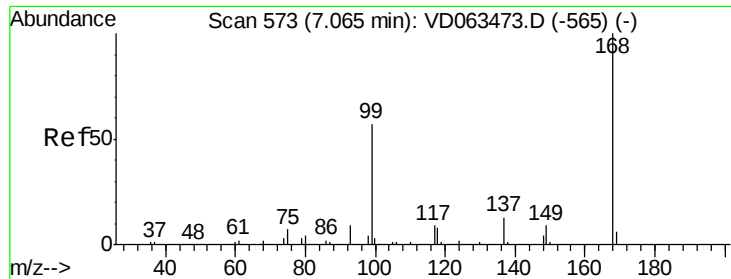
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082119\
Data File : VD063715.D
Acq On : 21 Aug 2019 16:15
Operator : JC/SY
Sample : K4386-17
Misc : 6.41g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T6-A2-(2)

Quant Time: Aug 22 01:57:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063715.D

Acq: 21 Aug 2019 16:15

Instrument :

MSVOA_D

ClientSampleId :

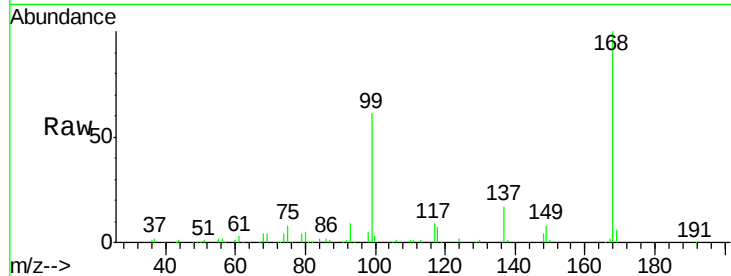
T6-A2-(2)

Tot Ion:168 Resp: 850845

Ion Ratio Lower Upper

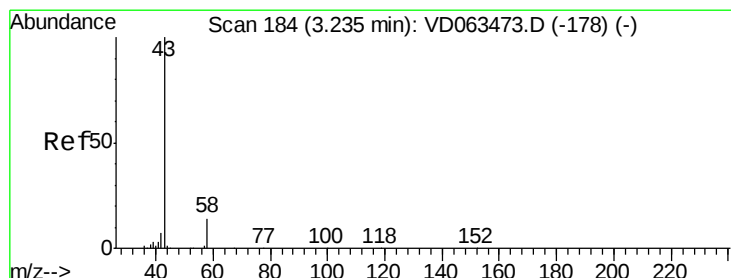
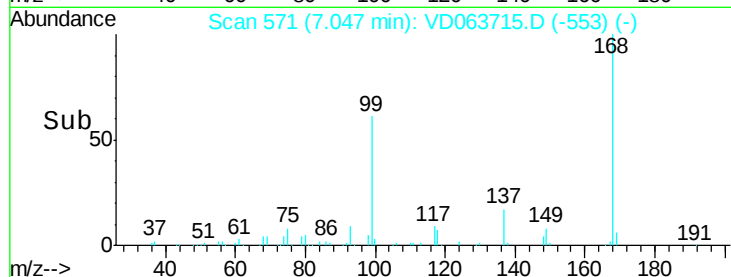
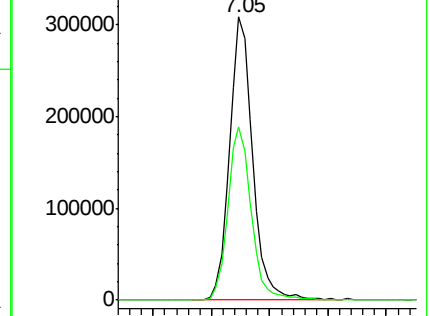
168 100

99 61.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 29.674 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063715.D

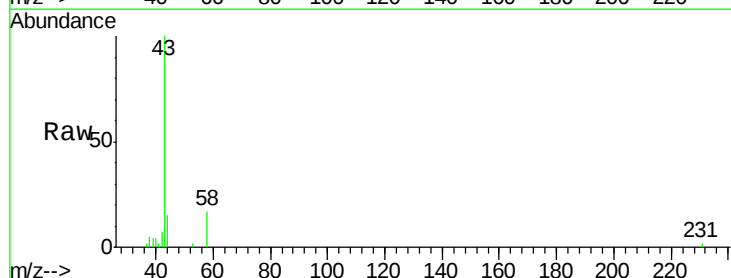
Acq: 21 Aug 2019 16:15

Tgt Ion: 43 Resp: 54861

Ion Ratio Lower Upper

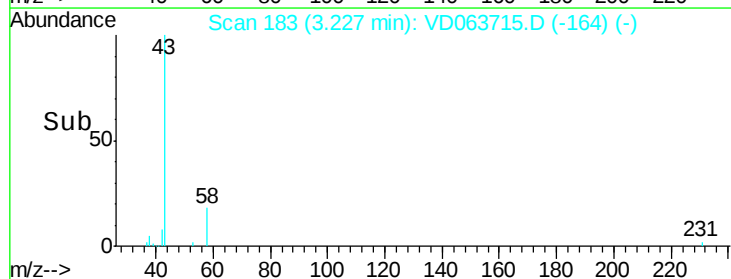
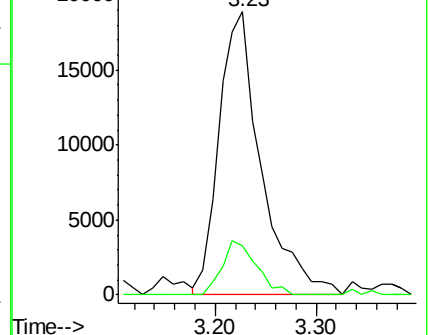
43 100

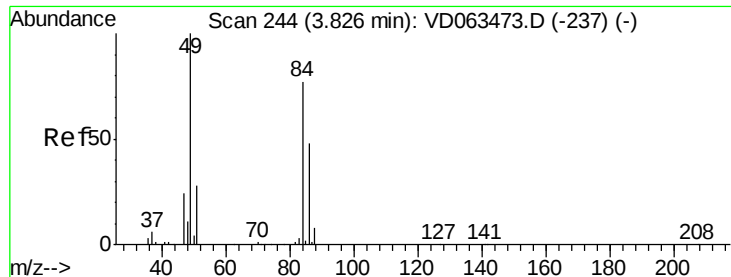
58 17.2 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 5.166 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD063715.D

Acq: 21 Aug 2019 16:15

Instrument :

MSVOA_D

ClientSampleId :

T6-A2-(2)

Tot Ion: 84 Resp: 41300

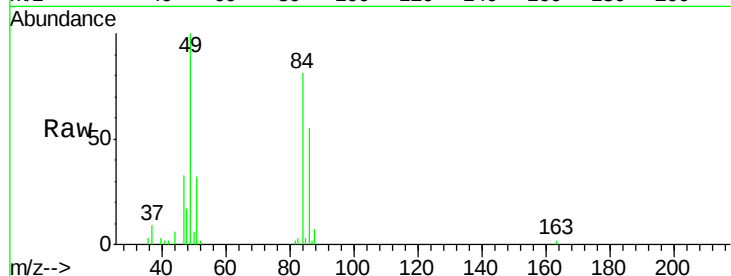
Ion Ratio Lower Upper

84 100

49 123.5 103.4 155.2

51 40.0 28.5 42.7

86 67.4 49.4 74.2

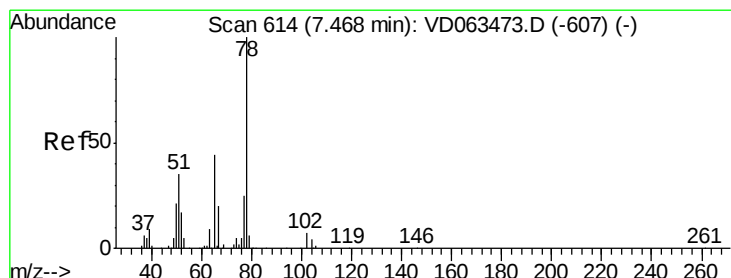
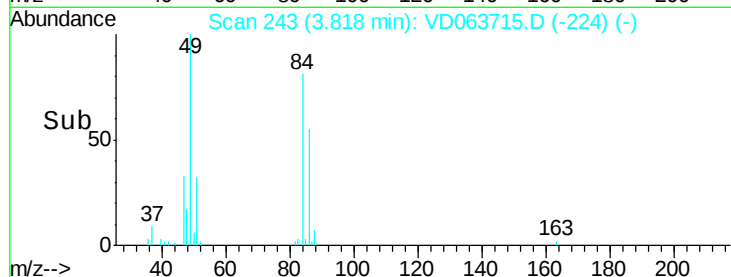
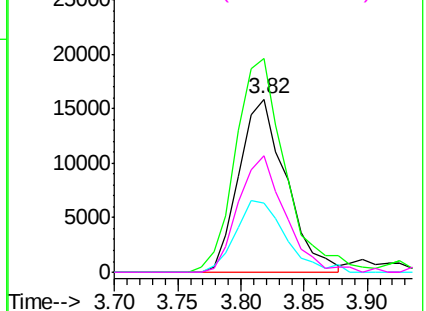


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 51.540 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD063715.D

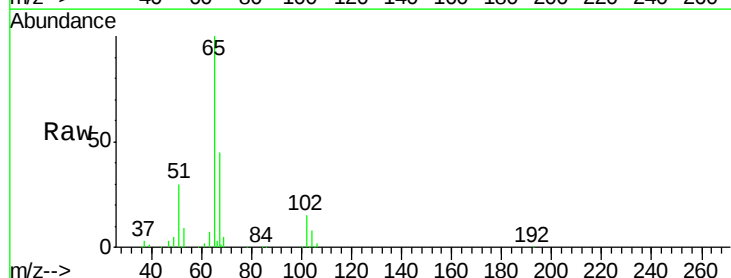
Acq: 21 Aug 2019 16:15

Tgt Ion: 65 Resp: 468747

Ion Ratio Lower Upper

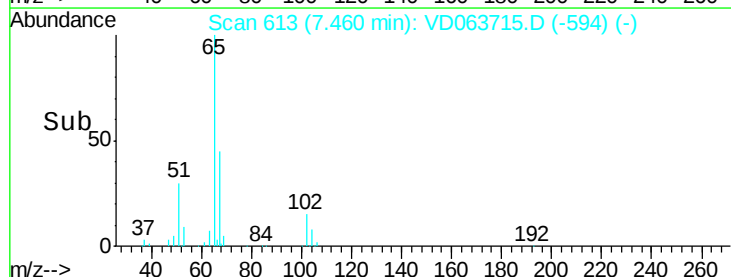
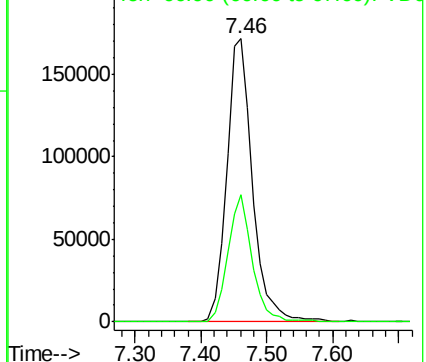
65 100

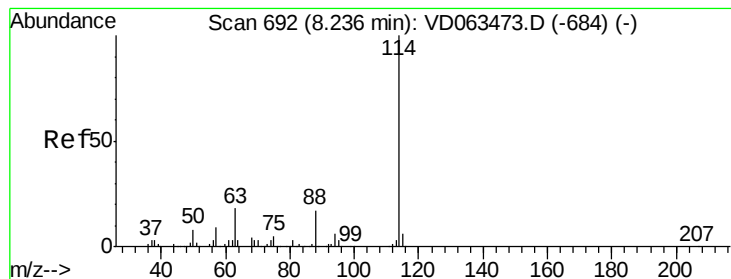
67 45.0 0.0 89.2



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: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD063715.D

Acq: 21 Aug 2019 16:15

Instrument :

MSVOA_D

ClientSampleId :

T6-A2-(2)

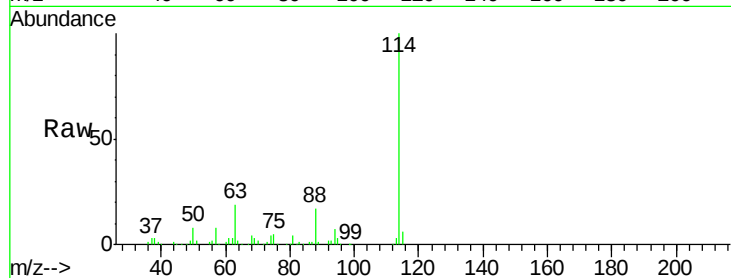
Tot Ion:114 Resp: 1160660

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.2

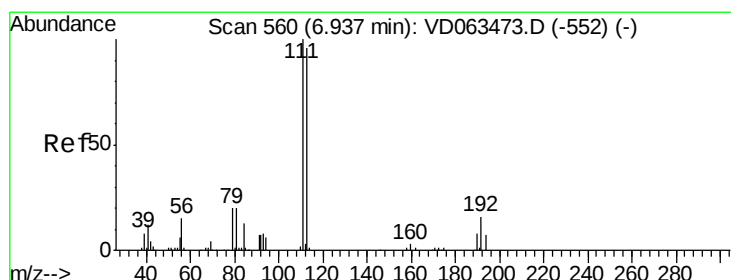
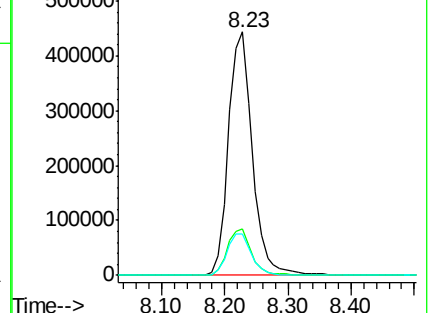
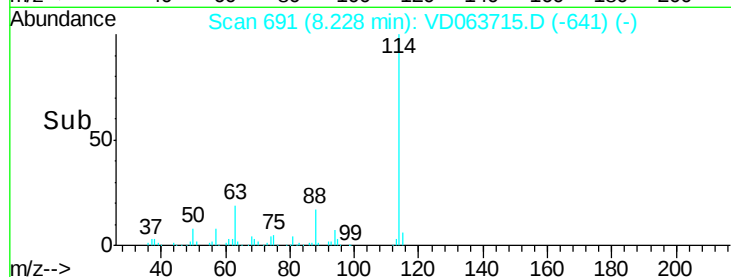
88 16.8 0.0 35.0



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: 54.420 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063715.D

Acq: 21 Aug 2019 16:15

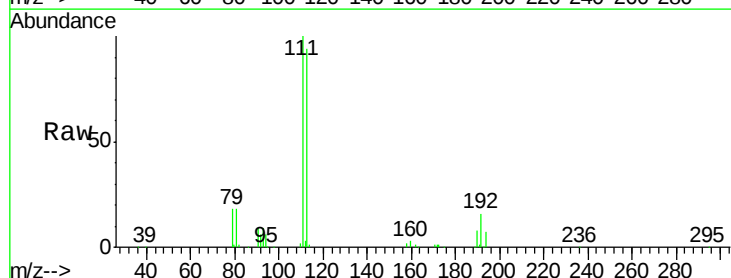
Tgt Ion:113 Resp: 531961

Ion Ratio Lower Upper

113 100

111 106.6 83.1 124.7

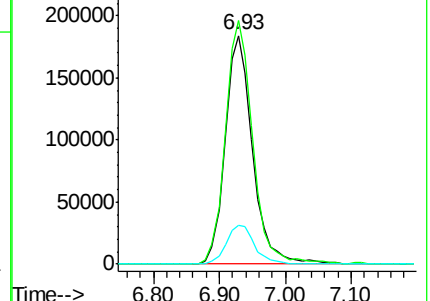
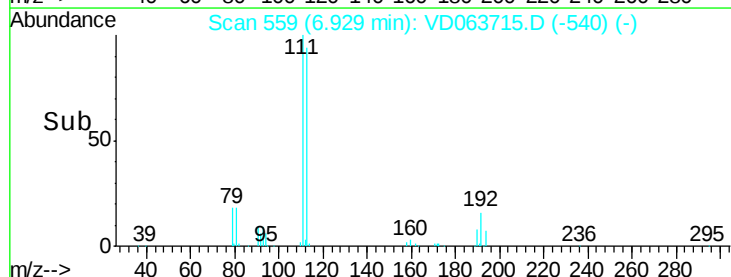
192 16.9 13.1 19.7

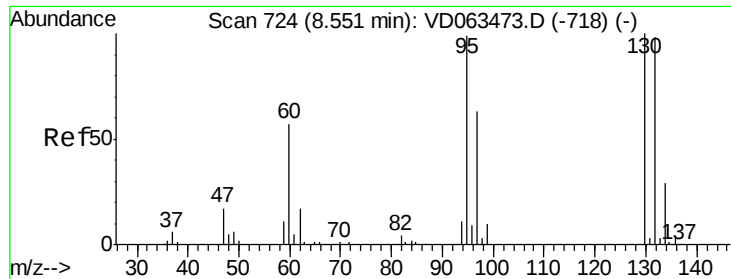


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#44

Trichloroethene

Concen: 2.867 ug/l

RT: 8.54 min Scan# 723

Delta R.T. -0.01 min

Lab File: VD063715.D

Acq: 21 Aug 2019 16:15

Instrument :

MSVOA_D

ClientSampleId :

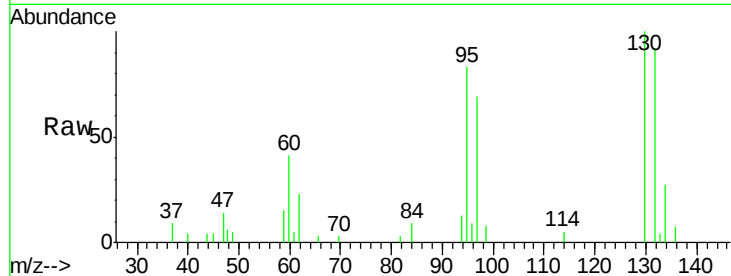
T6-A2-(2)

Tot Ion:130 Resp: 24747

Ion Ratio Lower Upper

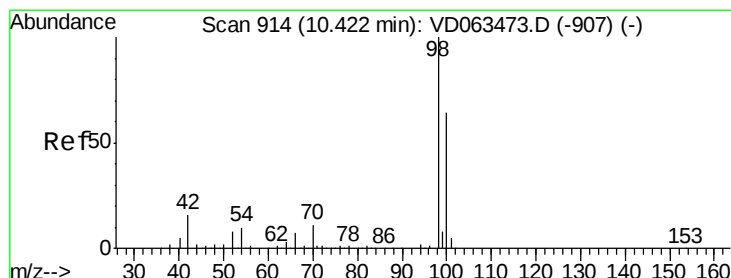
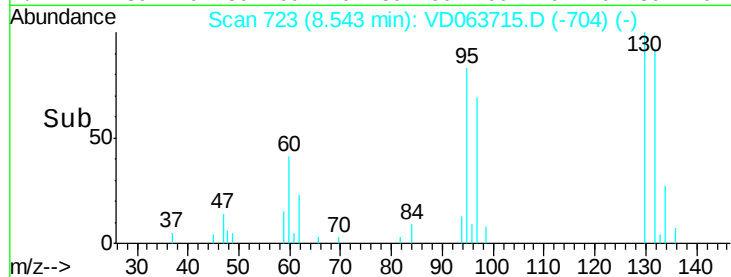
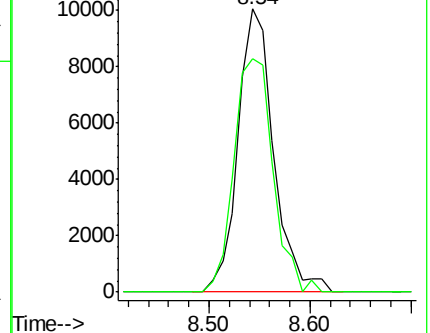
130 100

95 82.5 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: 46.478 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD063715.D

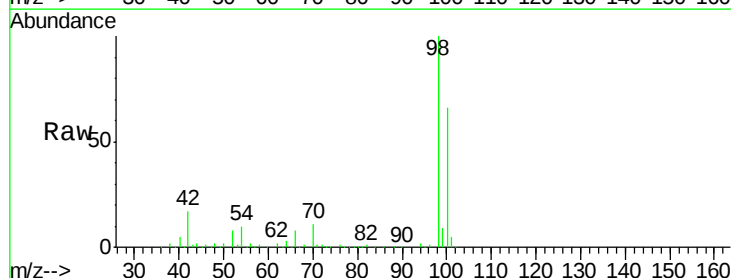
Acq: 21 Aug 2019 16:15

Tgt Ion: 98 Resp: 998864

Ion Ratio Lower Upper

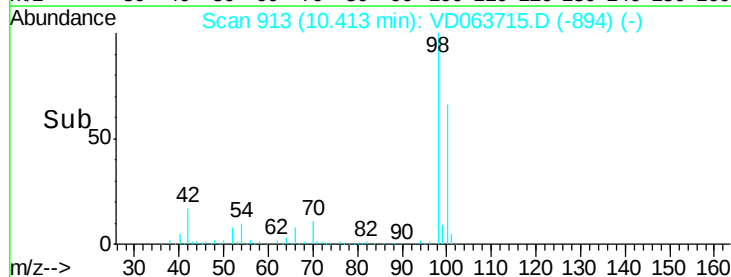
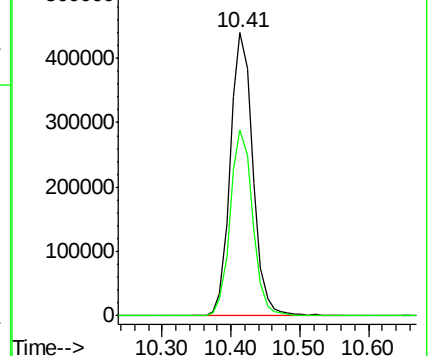
98 100

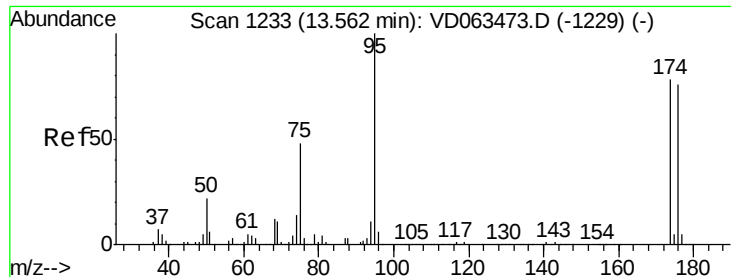
100 65.8 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

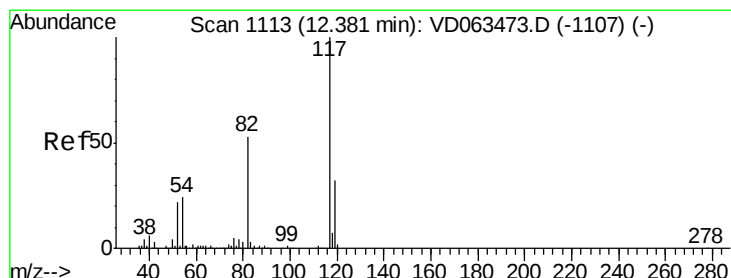
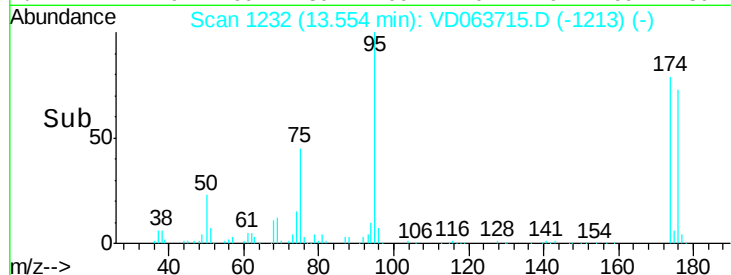
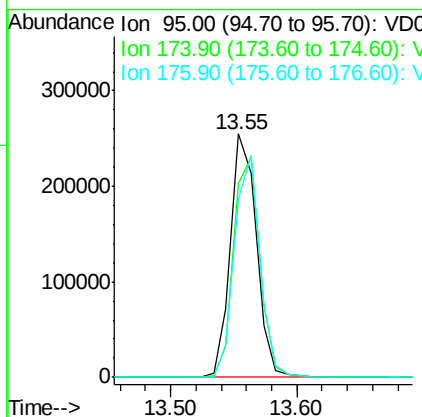
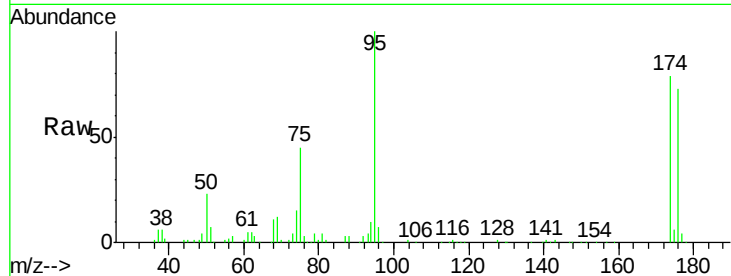




#62
4-Bromofluorobenzene
Concen: 37.116 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063715.D
Acq: 21 Aug 2019 16:15

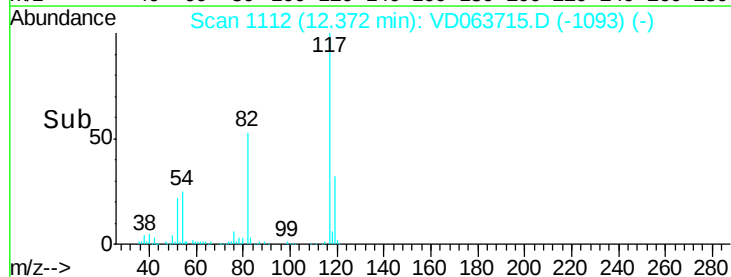
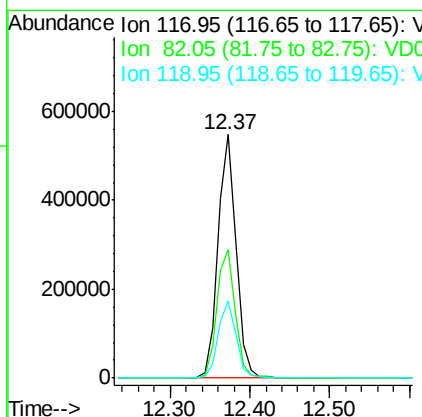
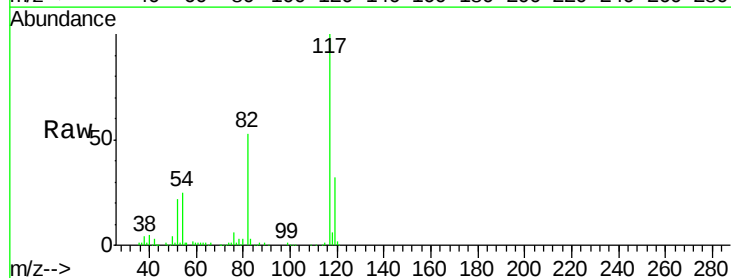
Instrument :
MSVOA_D
ClientSampleId :
T6-A2-(2)

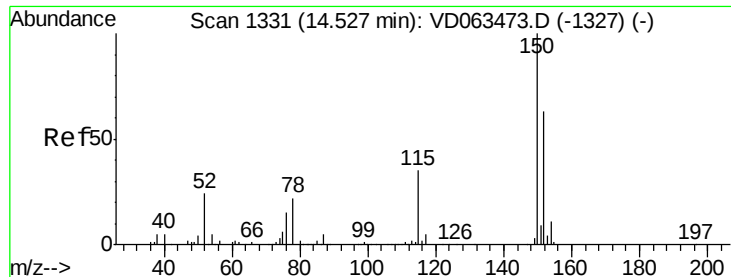
Tot Ion: 95 Resp: 361534
Ion Ratio Lower Upper
95 100
174 79.4 0.0 155.4
176 73.3 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063715.D
Acq: 21 Aug 2019 16:15

Tgt Ion: 117 Resp: 881563
Ion Ratio Lower Upper
117 100
82 52.7 42.0 63.0
119 31.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063715.D

Acq: 21 Aug 2019 16:15

Instrument :

MSVOA_D

ClientSampleId :

T6-A2-(2)

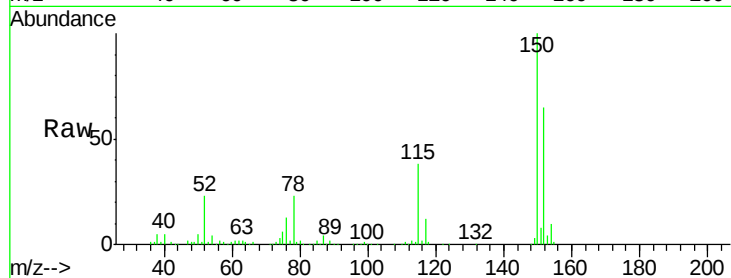
Tot Ion:152 Resp: 309482

Ion Ratio Lower Upper

152 100

115 57.7 30.9 92.7

150 153.3 0.0 318.6



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

