

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
 Data File : VD063643.D
 Acq On : 16 Aug 2019 17:37
 Operator : JC/SY
 Sample : K4389-04
 Misc : 5.95g/5ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E4(2)

Quant Time: Aug 17 07:13:08 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

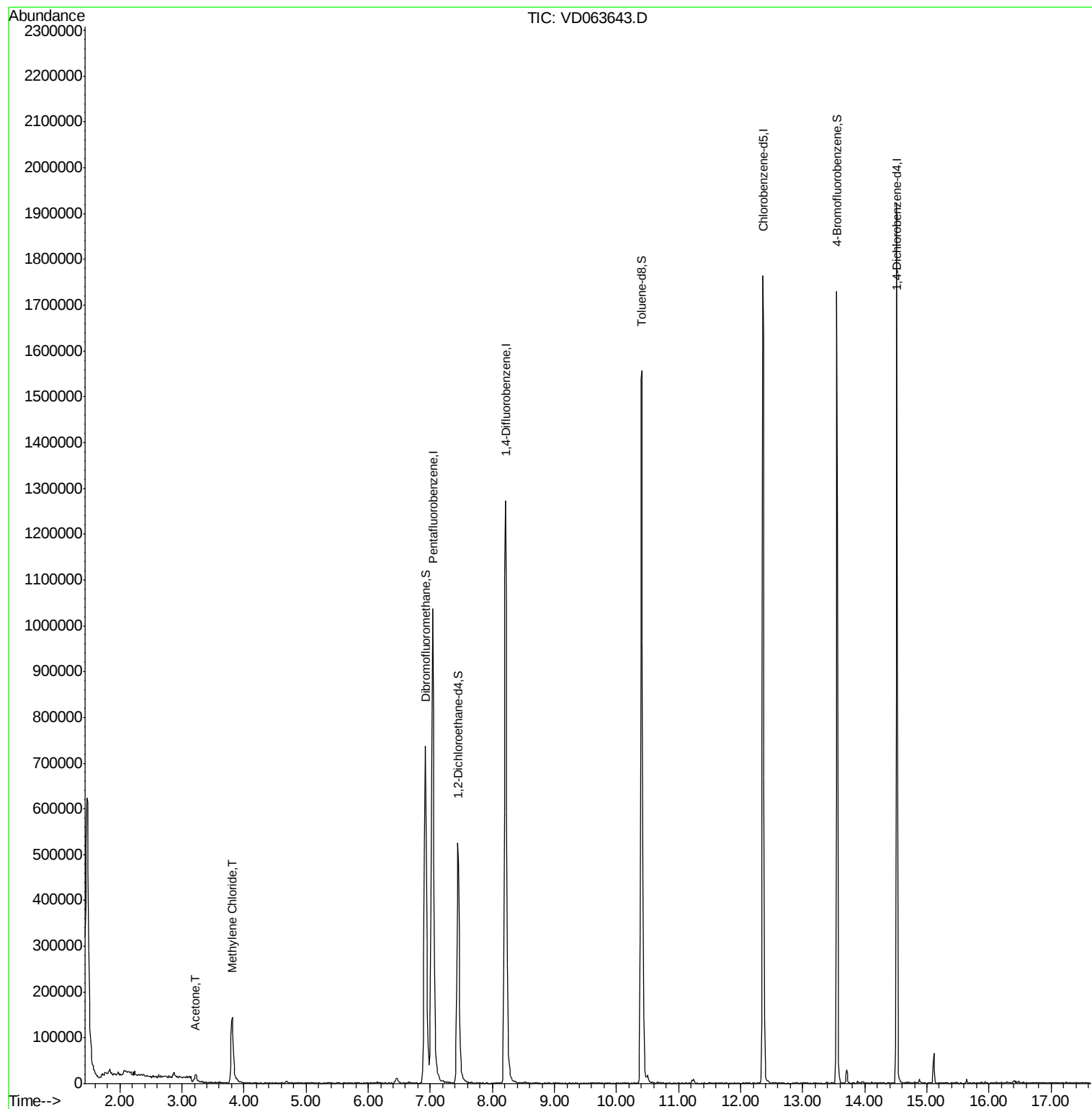
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1036223	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1396878	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1008057	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	398258	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	600276	54.19	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.38%	
35) Dibromofluoromethane	6.91	113	654623	55.64	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.28%	
50) Toluene-d8	10.41	98	1323894	51.18	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	13.55	95	470904	40.17	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	80.34%	
Target Compounds						
16) Acetone	3.22	43	32746	14.543	ug/l	99
20) Methylene Chloride	3.80	84	93018	9.554	ug/l	97

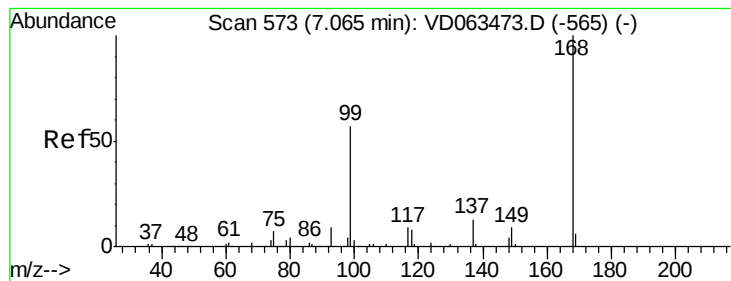
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

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Instrument :

MSVOA_D

ClientSampleId :

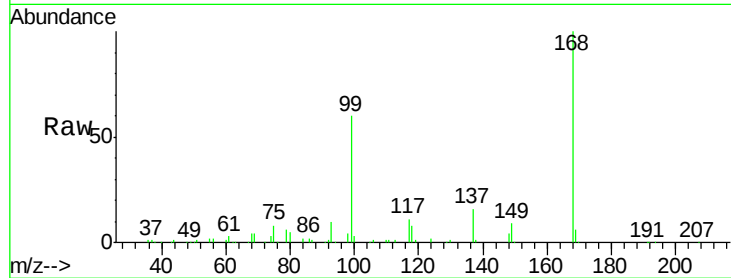
T6-E4(2)

Tot Ion:168 Resp: 1036223

Ion Ratio Lower Upper

168 100

99 60.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

400000

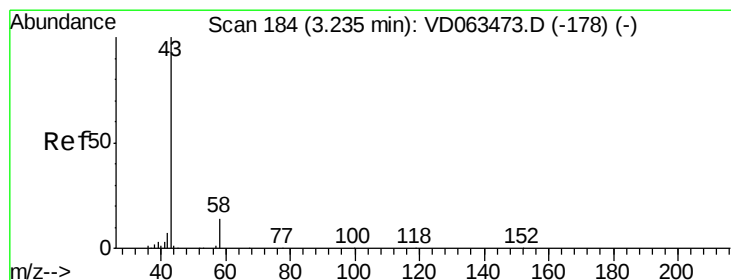
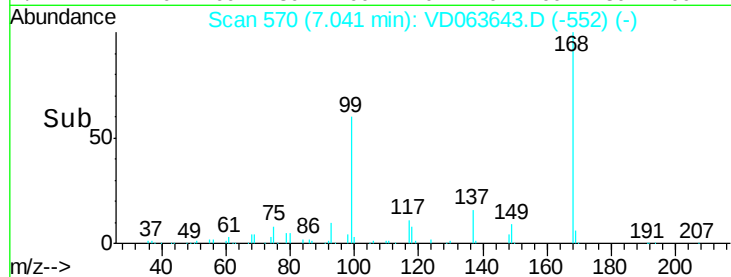
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 14.543 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063643.D

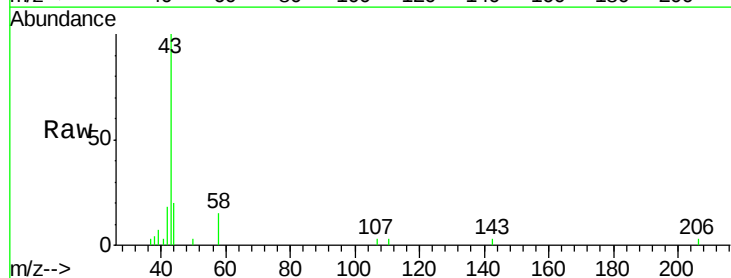
Acq: 16 Aug 2019 17:37

Tgt Ion: 43 Resp: 32746

Ion Ratio Lower Upper

43 100

58 14.6 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

12000

10000

8000

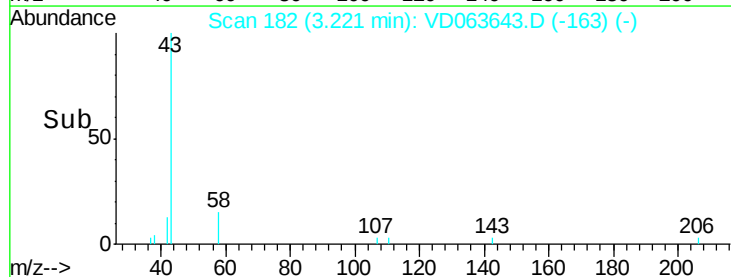
6000

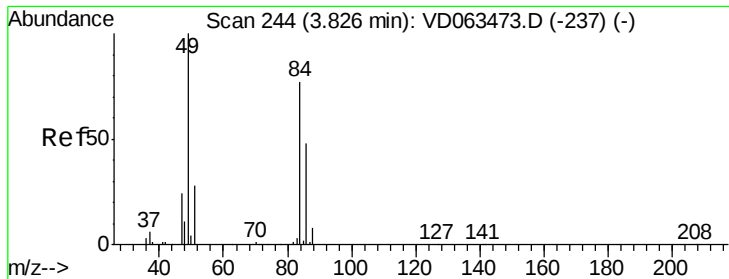
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 9.554 ug/l

RT: 3.80 min Scan# 241

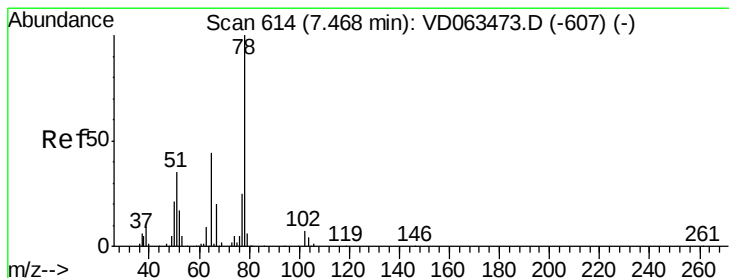
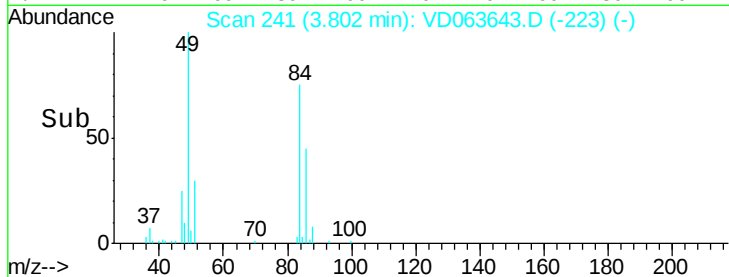
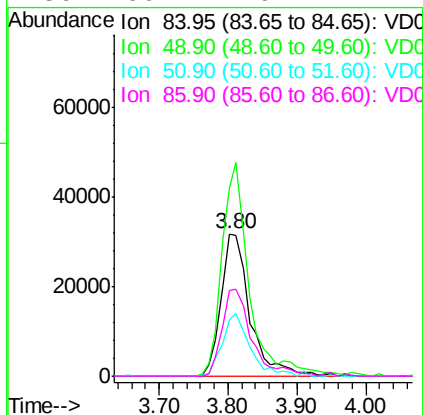
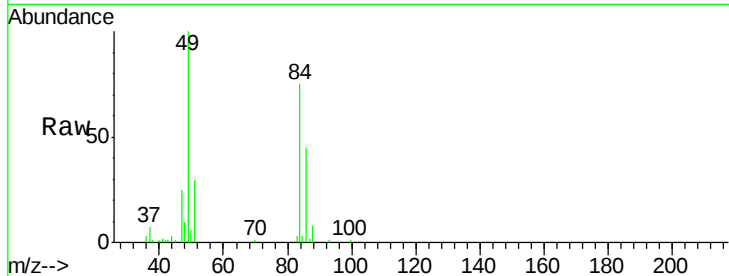
Delta R.T. -0.02 min

Lab File: VD063643.D

Acq: 16 Aug 2019 17:37

Instrument :
MSVOA_D
ClientSampleId :
T6-E4(2)

Tot Ion:	84	Resp:	93018
Ion	Ratio	Lower	Upper
84	100		
49	132.5	103.4	155.2
51	39.6	28.5	42.7
86	60.1	49.4	74.2



#33

1,2-Dichloroethane-d4

Concen: 54.194 ug/l

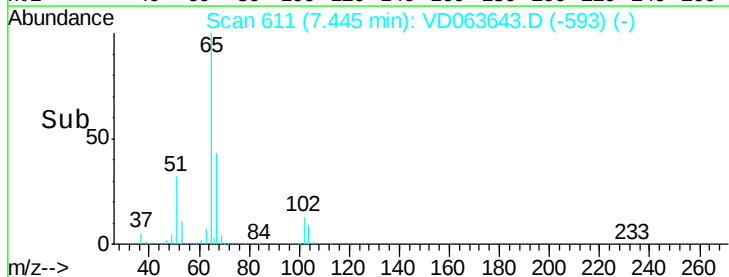
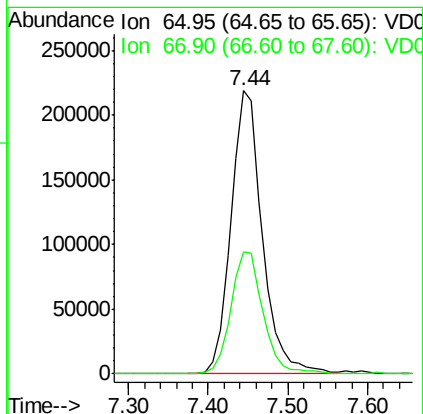
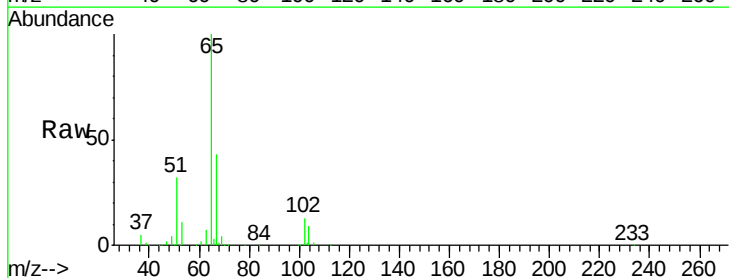
RT: 7.44 min Scan# 611

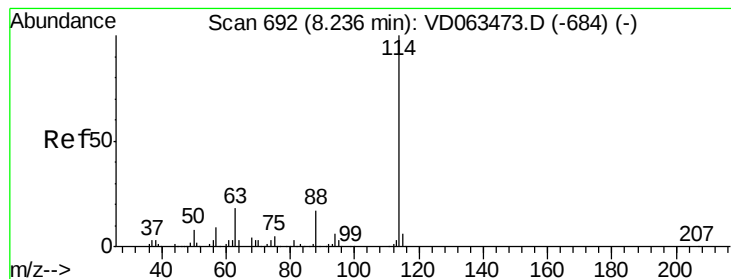
Delta R.T. -0.02 min

Lab File: VD063643.D

Acq: 16 Aug 2019 17:37

Tgt Ion:	65	Resp:	600276
Ion	Ratio	Lower	Upper
65	100		
67	43.1	0.0	89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063643.D

Acq: 16 Aug 2019 17:37

Instrument :

MSVOA_D

ClientSampleId :

T6-E4(2)

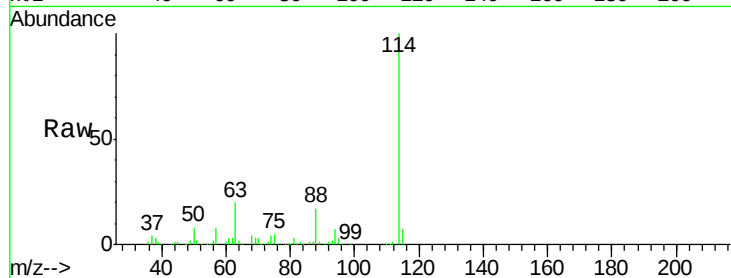
Tot Ion:114 Resp: 1396878

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.2

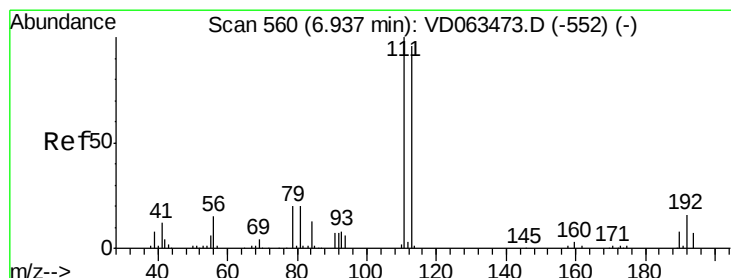
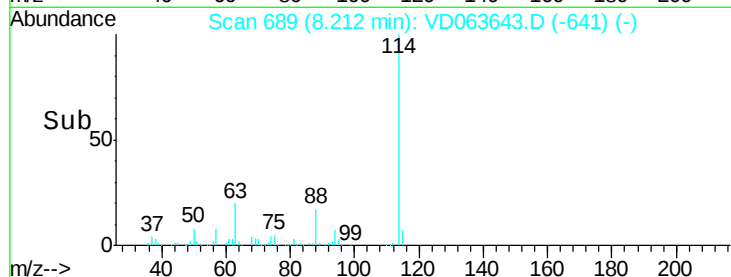
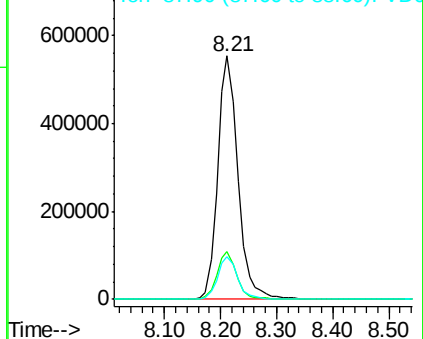
88 17.4 0.0 35.0



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: 55.643 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063643.D

Acq: 16 Aug 2019 17:37

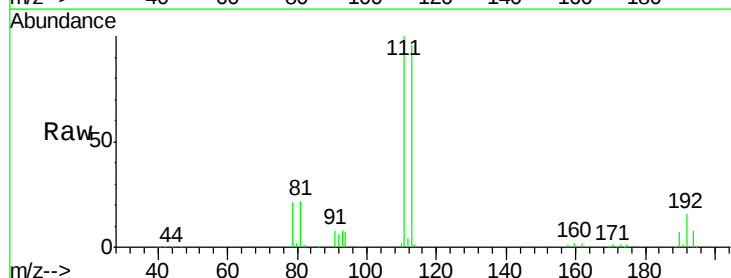
Tgt Ion:113 Resp: 654623

Ion Ratio Lower Upper

113 100

111 104.5 83.1 124.7

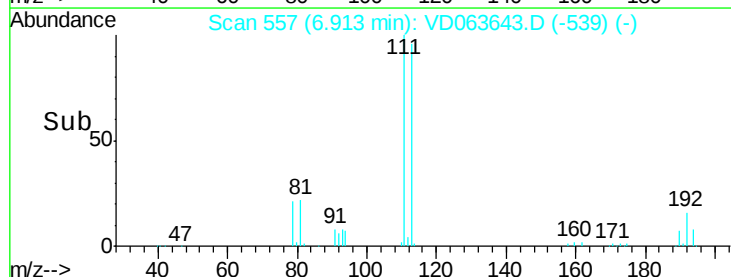
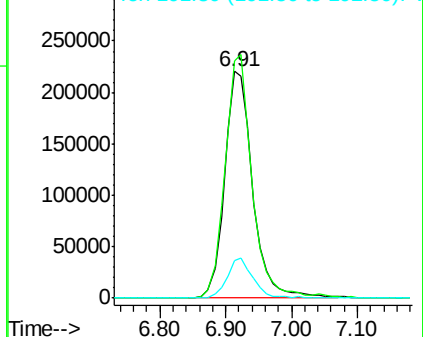
192 16.3 13.1 19.7

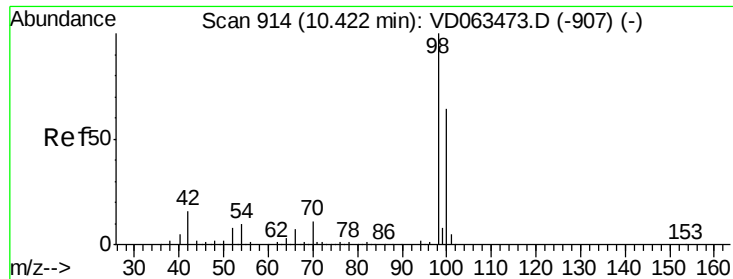


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

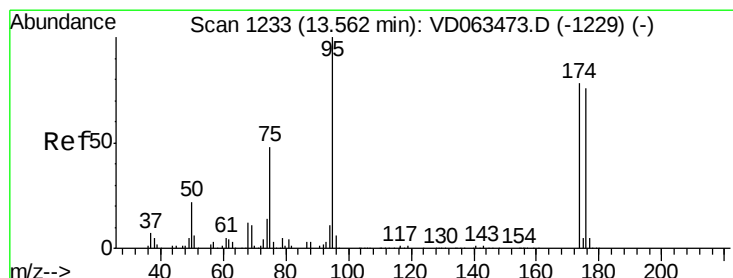
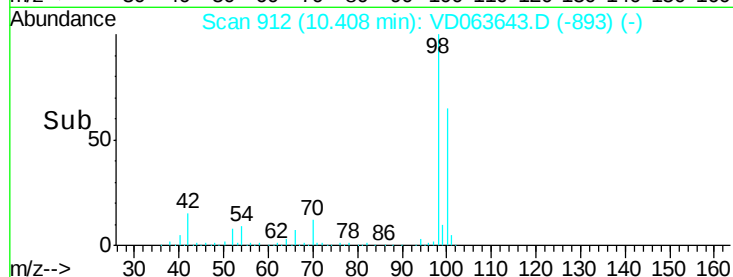
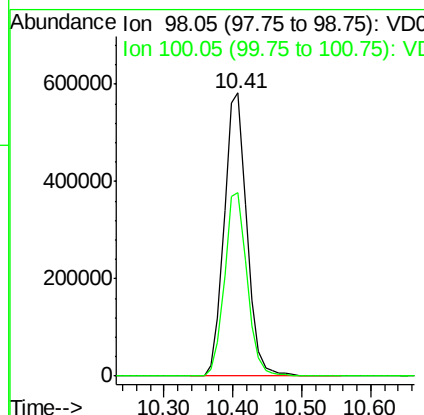
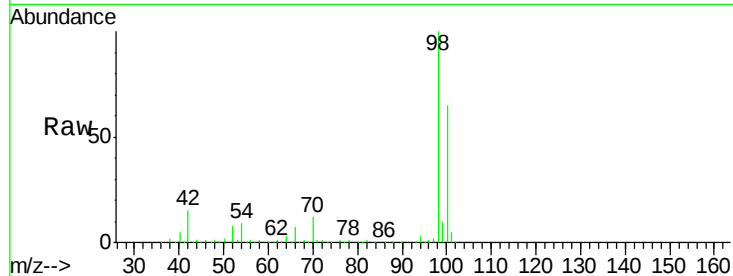




#50
Toluene-d8
Concen: 51.185 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063643.D
Acq: 16 Aug 2019 17:37

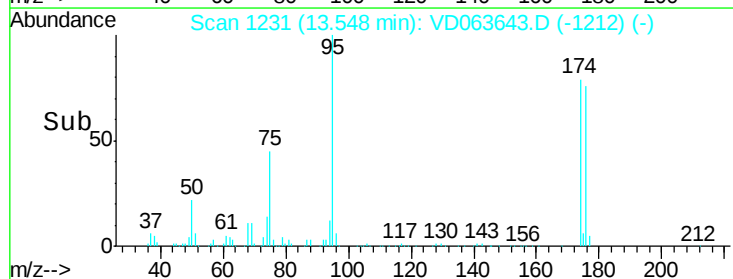
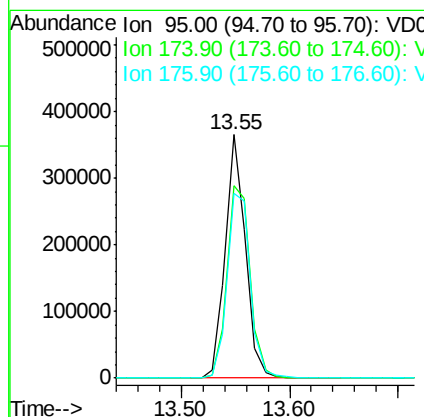
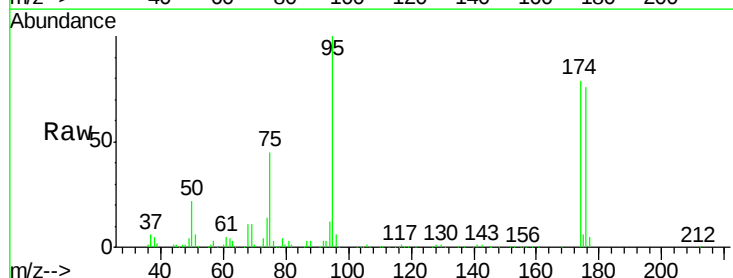
Instrument :
MSVOA_D
ClientSampleId :
T6-E4(2)

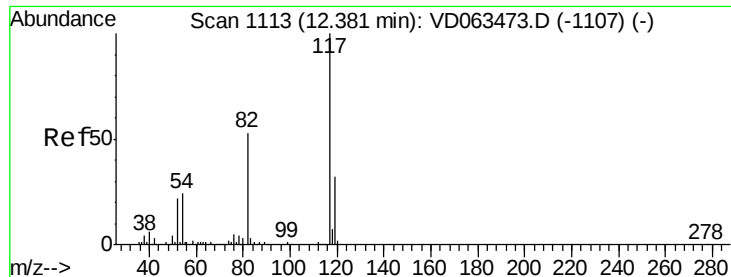
Tot Ion: 98 Resp: 1323894
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 40.169 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063643.D
Acq: 16 Aug 2019 17:37

Tgt Ion: 95 Resp: 470904
Ion Ratio Lower Upper
95 100
174 79.1 0.0 155.4
176 76.0 0.0 152.4

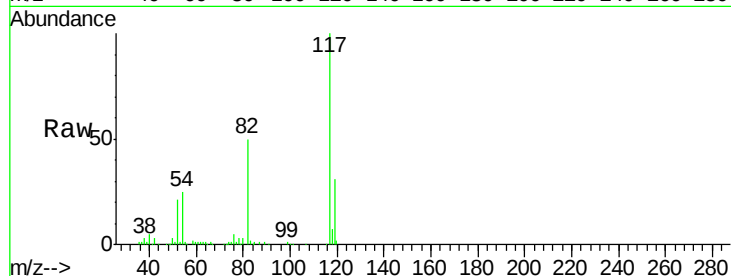




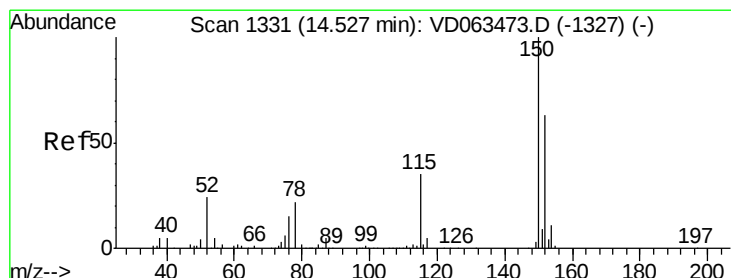
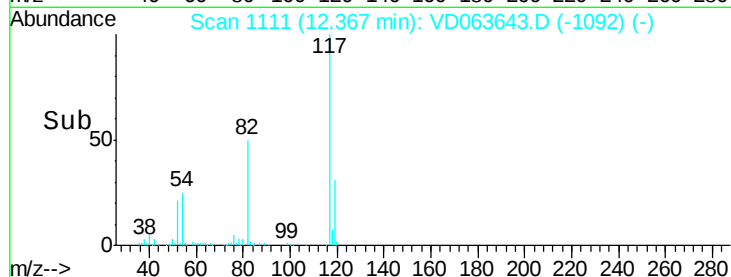
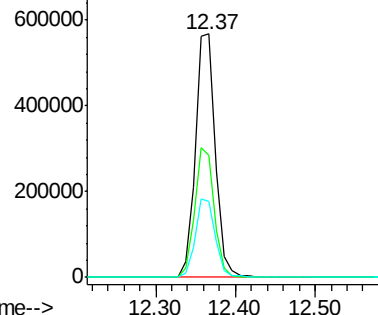
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063643.D
Acq: 16 Aug 2019 17:37

Instrument :
MSVOA_D
ClientSampleId :
T6-E4(2)

Tot Ion:117 Resp: 1008057
Ion Ratio Lower Upper
117 100
82 50.1 42.0 63.0
119 31.2 25.4 38.0

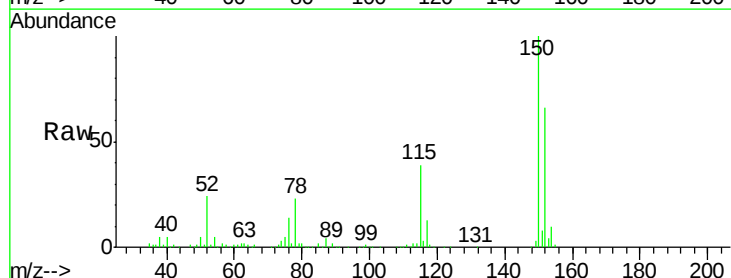


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063643.D
Acq: 16 Aug 2019 17:37

Tgt Ion:152 Resp: 398258
Ion Ratio Lower Upper
152 100
115 58.6 30.9 92.7
150 150.9 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

