

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063694.D
 Acq On : 20 Aug 2019 19:34
 Operator : JC/SY
 Sample : K4388-11
 Misc : 8.62g/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-D-(0)

Quant Time: Aug 21 04:44:25 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

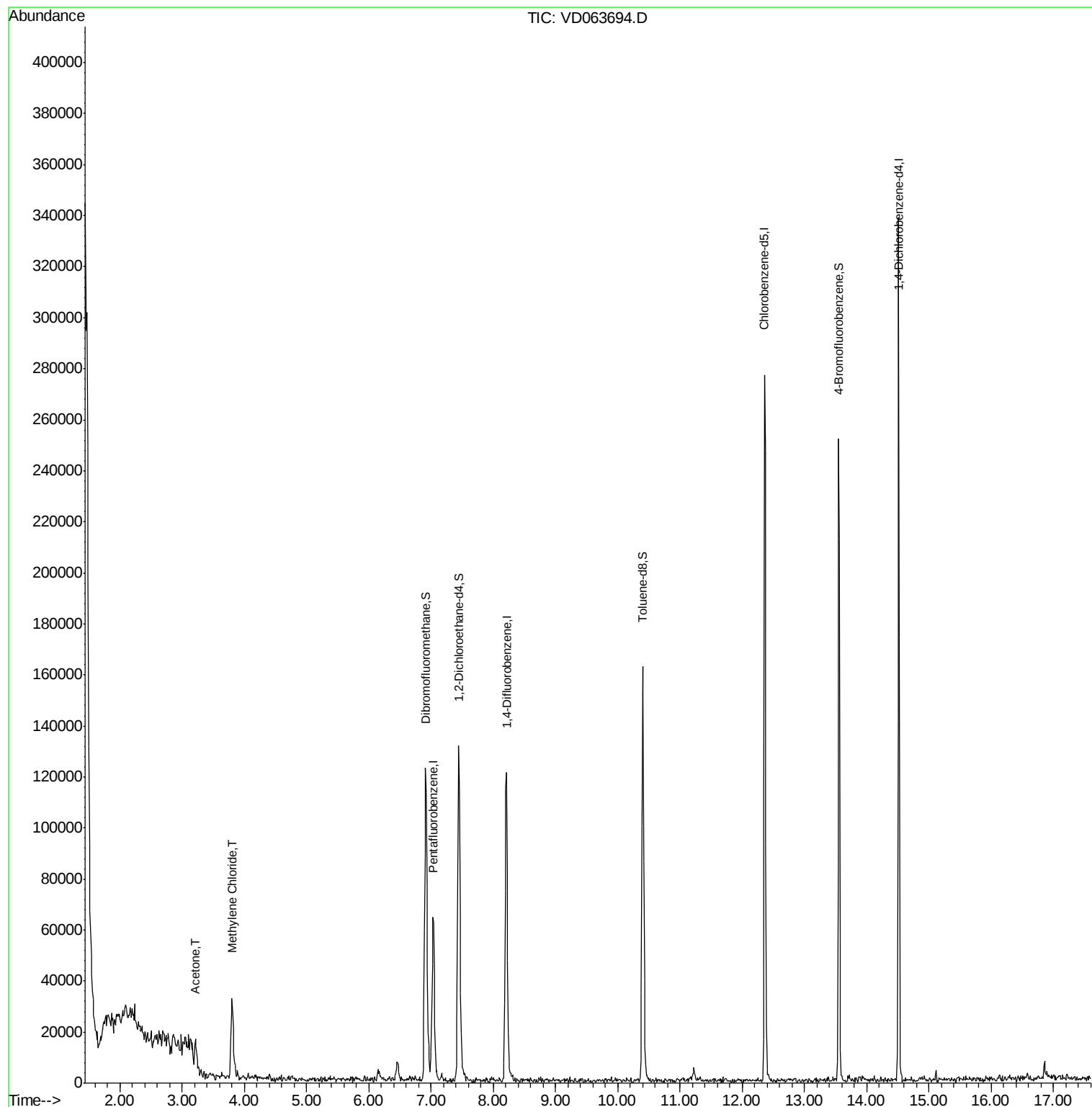
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	60190	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	133442	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	149766	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	68084	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	148228	230.39	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	460.78%	
35) Dibromofluoromethane	6.91	113	105481	93.86	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	187.72%	
50) Toluene-d8	10.40	98	130519	52.82	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	13.55	95	72173	64.45	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	128.90%	
Target Compounds						
16) Acetone	3.21	43	25250	193.061	ug/l #	87
20) Methylene Chloride	3.81	84	19328	34.176	ug/l #	85

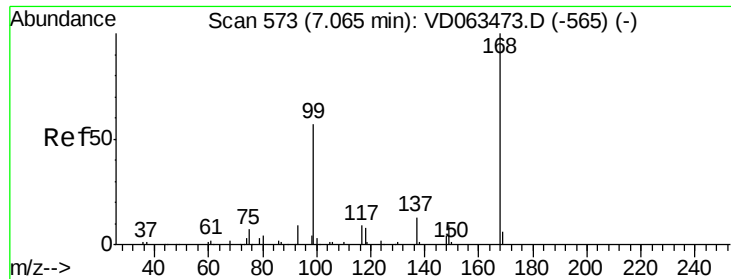
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA_D

ClientSampleId :

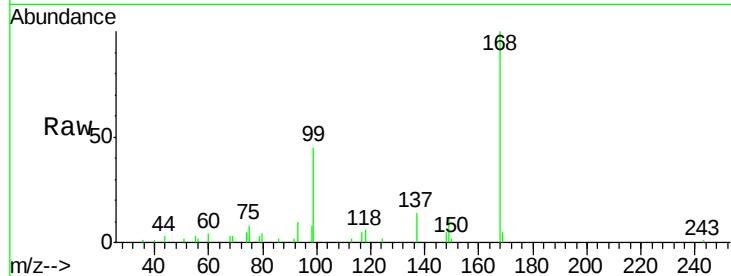
T4-D-(0)

Tot Ion:168 Resp: 60190

Ion Ratio Lower Upper

168 100

99 45.1 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

25000

20000

15000

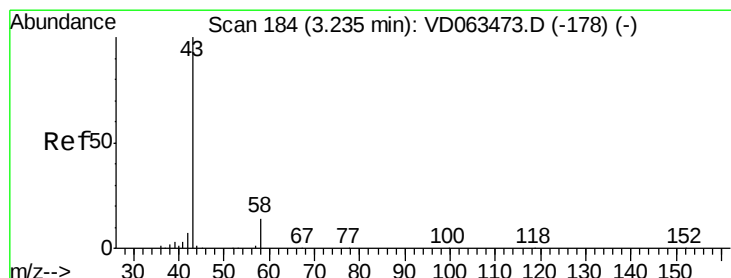
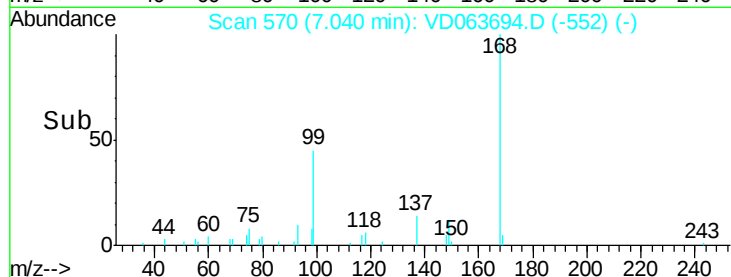
10000

5000

0

Time-->

6.90 7.00 7.10



#16

Acetone

Concen: 193.061 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063694.D

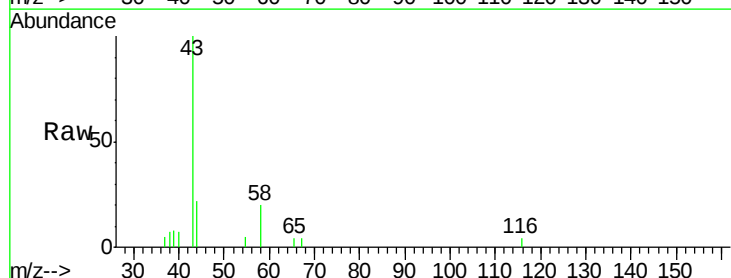
Acq: 20 Aug 2019 19:34

Tgt Ion: 43 Resp: 25250

Ion Ratio Lower Upper

43 100

58 19.8 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

10000

8000

6000

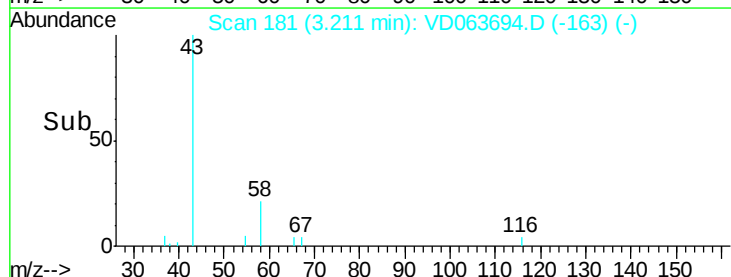
4000

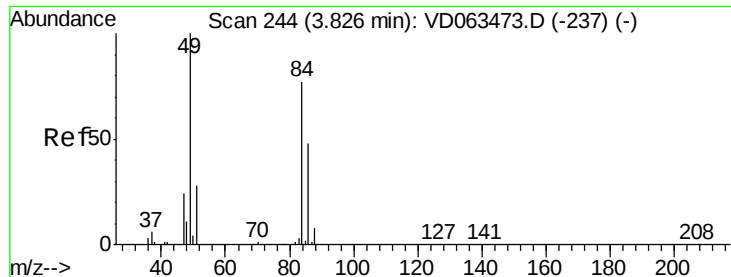
2000

0

Time-->

3.10 3.20 3.30

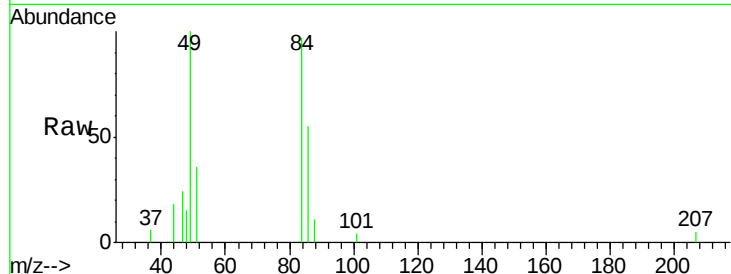




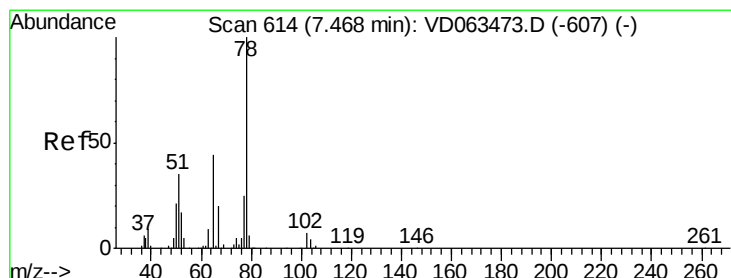
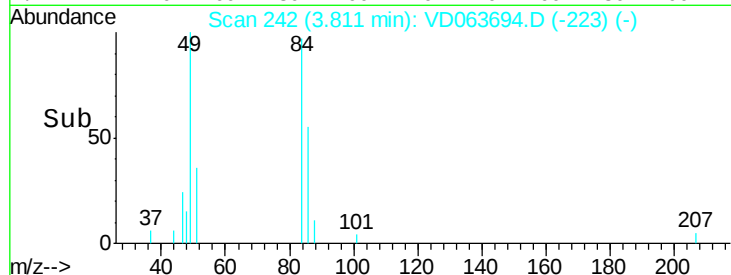
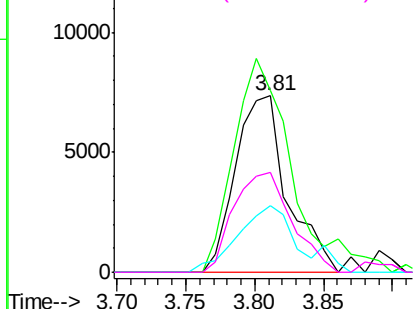
#20
Methvlene Chloride
Concen: 34.176 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD063694.D
Acq: 20 Aug 2019 19:34

Instrument :
MSVOA_D
ClientSampleId :
T4-D-(0)

Tot Ion: 84 Resp: 19328
Ion Ratio Lower Upper
84 100
49 103.0 103.4 155.2#
51 37.4 28.5 42.7
86 56.4 49.4 74.2

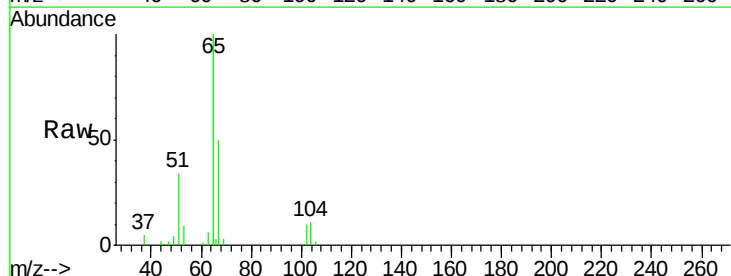


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

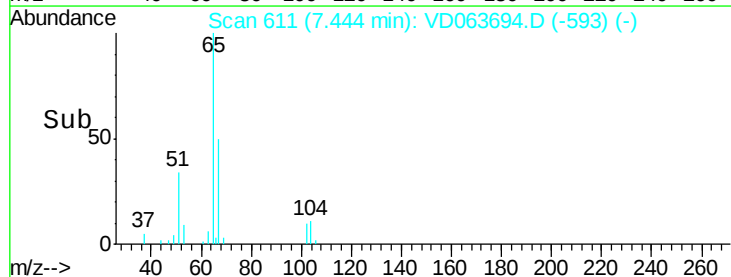
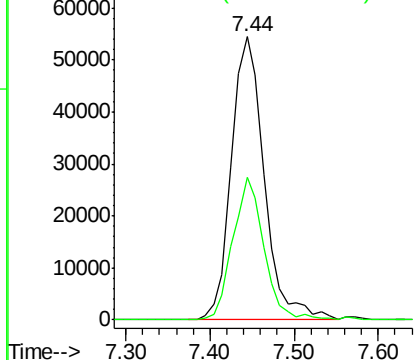


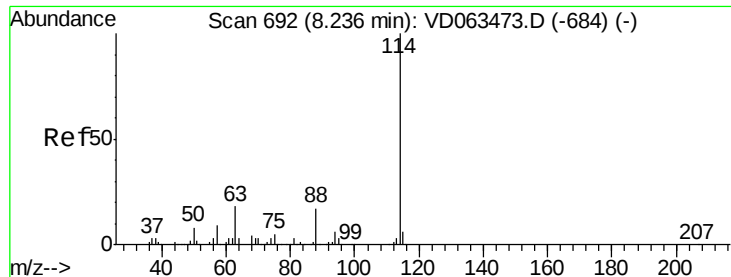
#33
1,2-Dichloroethane-d4
Concen: 230.388 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063694.D
Acq: 20 Aug 2019 19:34

Tgt Ion: 65 Resp: 148228
Ion Ratio Lower Upper
65 100
67 50.2 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: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063694.D

Acq: 20 Aug 2019 19:34

Instrument :

MSVOA_D

ClientSampleId :

T4-D-(0)

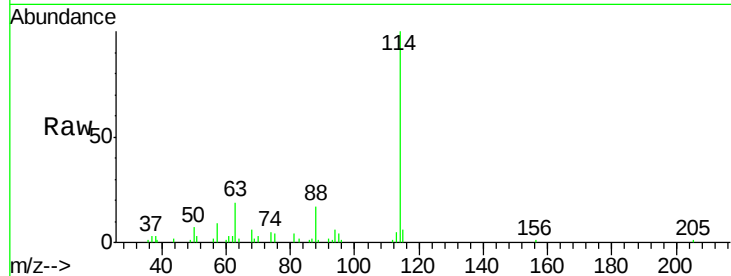
Tot Ion:114 Resp: 133442

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.2

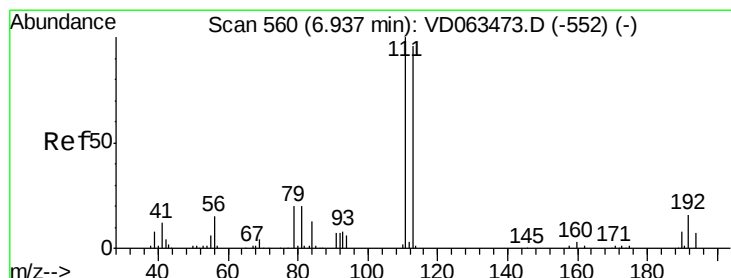
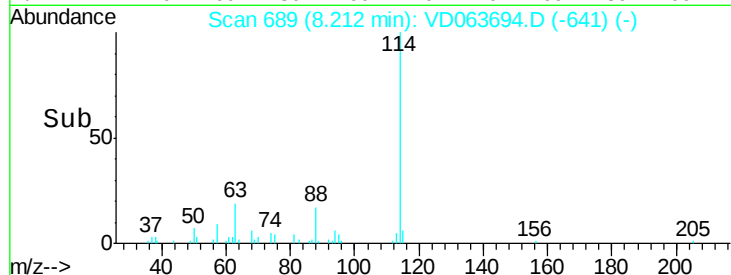
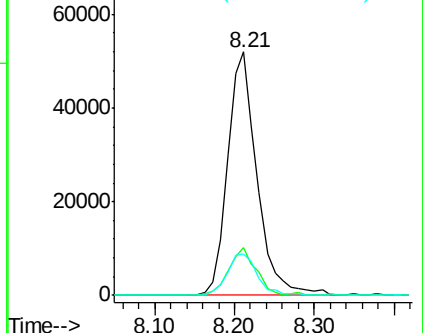
88 16.8 0.0 35.0



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: 93.856 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063694.D

Acq: 20 Aug 2019 19:34

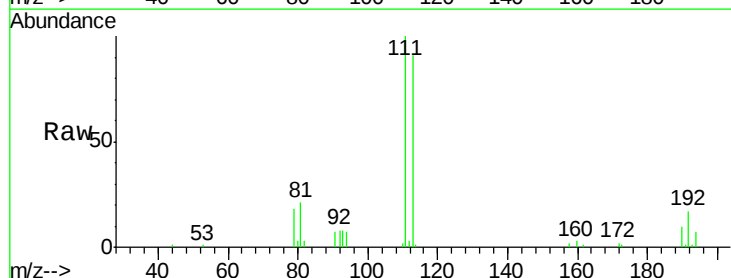
Tgt Ion:113 Resp: 105481

Ion Ratio Lower Upper

113 100

111 109.6 83.1 124.7

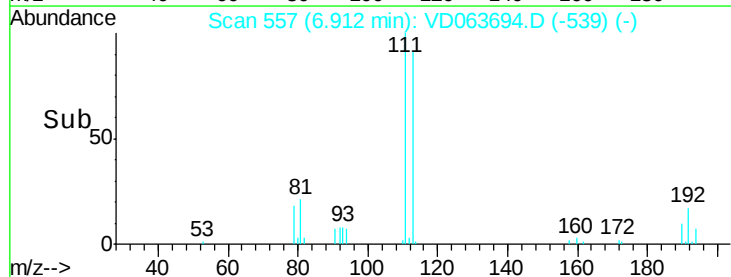
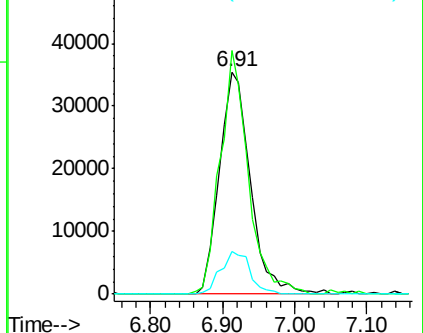
192 19.1 13.1 19.7

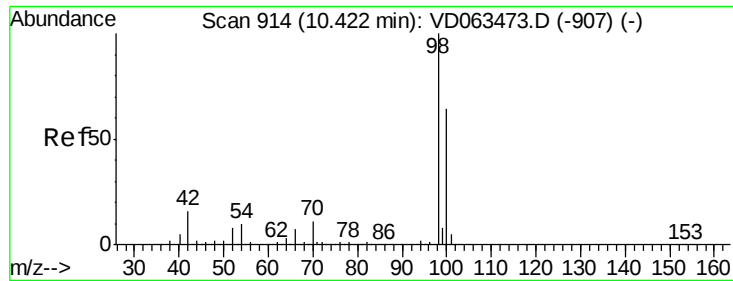


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

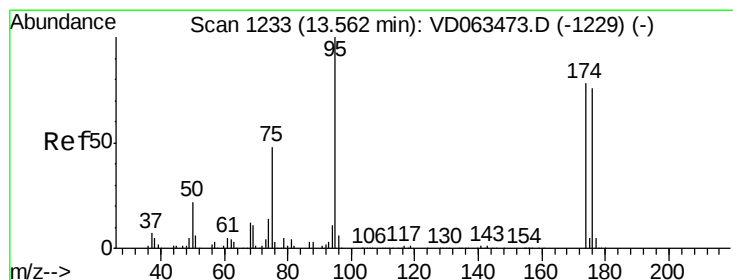
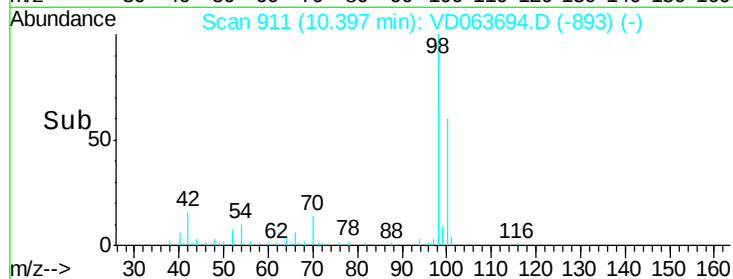
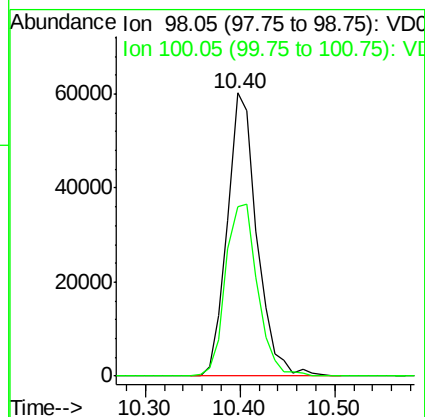
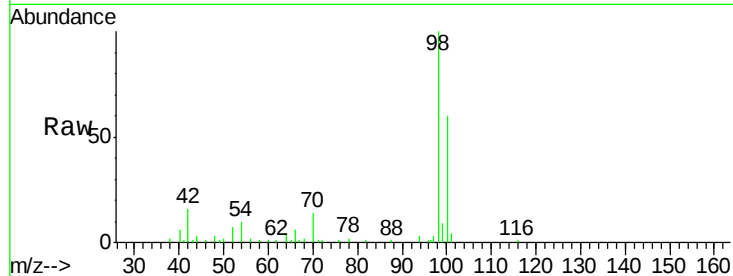




#50
Toluene-d8
Concen: 52.823 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD063694.D
Acq: 20 Aug 2019 19:34

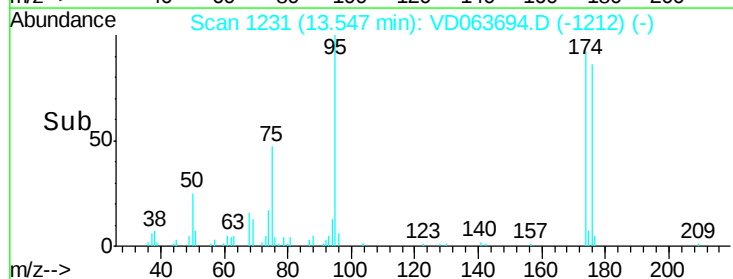
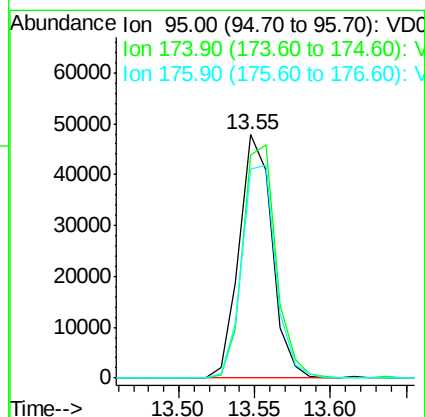
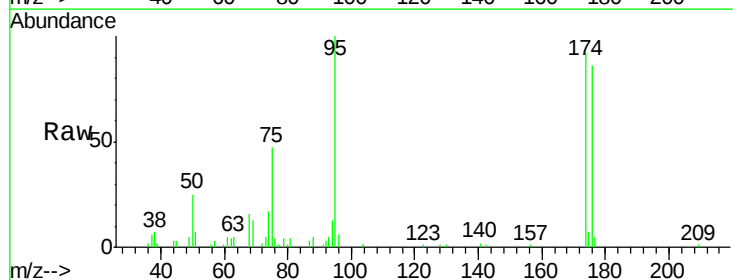
Instrument :
MSVOA_D
ClientSampleId :
T4-D-(0)

Tot Ion: 98 Resp: 130519
Ion Ratio Lower Upper
98 100
100 60.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 64.446 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063694.D
Acq: 20 Aug 2019 19:34

Tgt Ion: 95 Resp: 72173
Ion Ratio Lower Upper
95 100
174 91.5 0.0 155.4
176 86.1 0.0 152.4

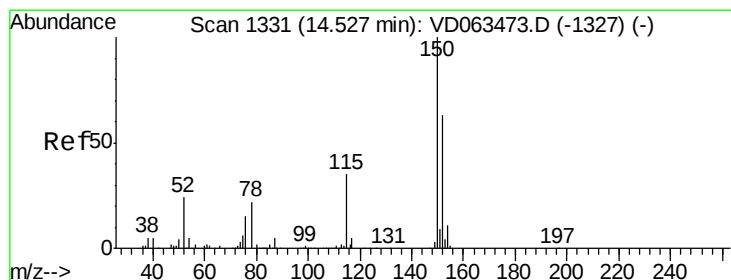
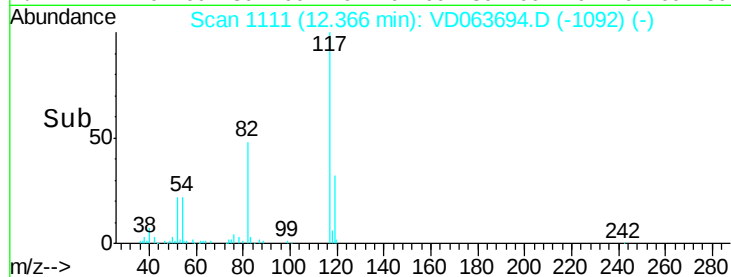
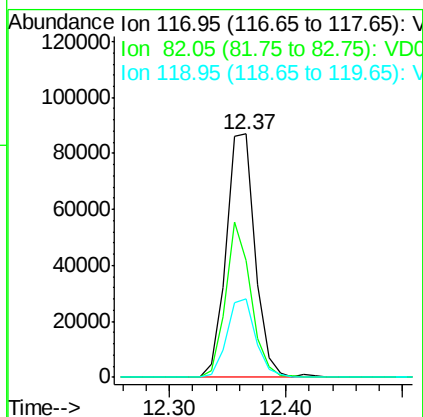
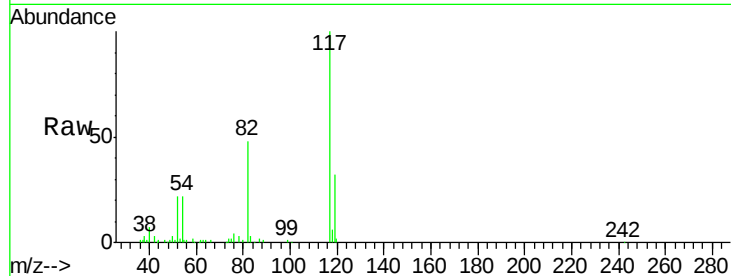




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063694.D
Acq: 20 Aug 2019 19:34

Instrument :
MSVOA_D
ClientSampleId :
T4-D-(0)

Tot Ion:117 Resp: 149766
Ion Ratio Lower Upper
117 100
82 47.8 42.0 63.0
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063694.D
Acq: 20 Aug 2019 19:34

Tgt Ion:152 Resp: 68084
Ion Ratio Lower Upper
152 100
115 53.6 30.9 92.7
150 154.2 0.0 318.6

