

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063592.D
 Acq On : 14 Aug 2019 23:29
 Operator : JC/SY
 Sample : K4339-03
 Misc : 5.53g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-A2-(0)

Quant Time: Aug 15 13:16:59 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

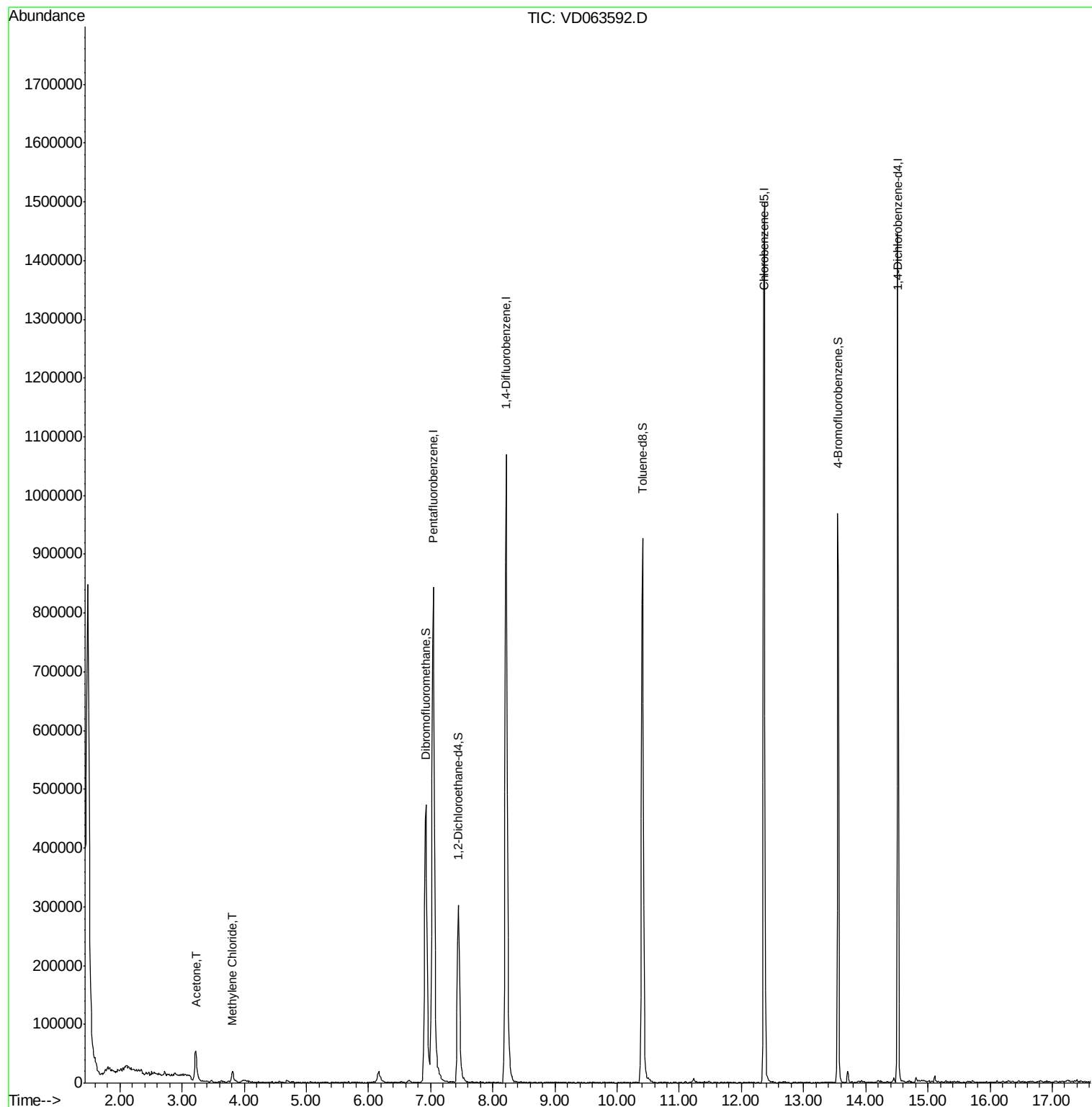
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	828569	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1174372	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	854930	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	294859	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	347378	39.22	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.44%	
35) Dibromofluoromethane	6.92	113	421894	42.66	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	85.32%	
50) Toluene-d8	10.41	98	760961	34.99	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	69.98%	
62) 4-Bromofluorobenzene	13.55	95	286969	29.12	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	58.24%	
Target Compounds						
16) Acetone	3.22	43	99082	55.033	ug/l #	85
20) Methylene Chloride	3.81	84	10875	1.397	ug/l	98

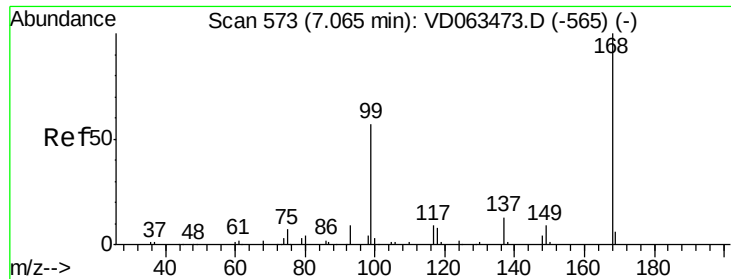
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 06:42:47 2019
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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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Acq: 14 Aug 2019 23:29

Instrument :

MSVOA_D

ClientSampleId :

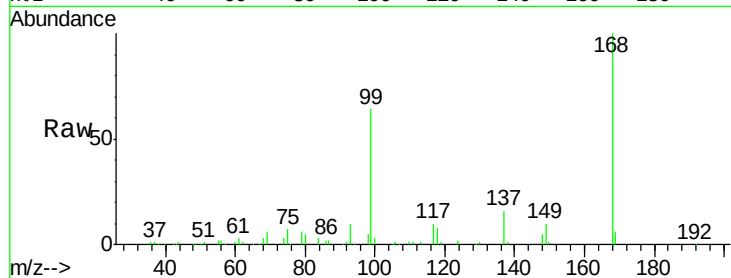
T8-A2-(0)

Tot Ion:168 Resp: 828569

Ion Ratio Lower Upper

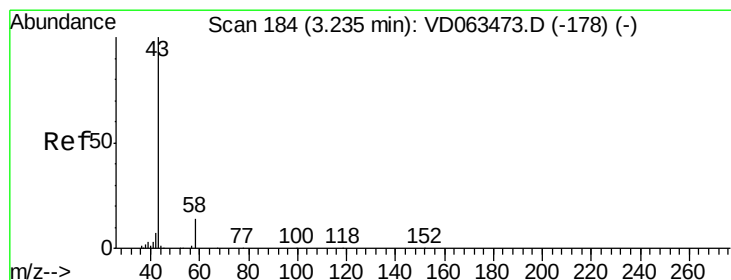
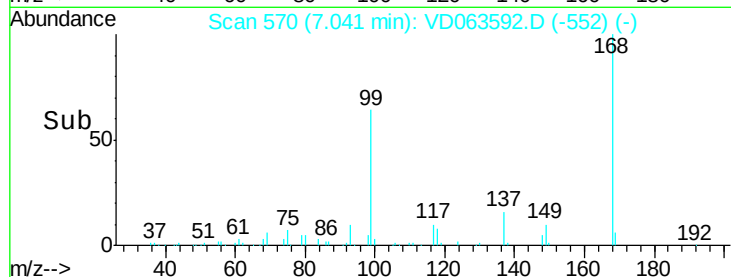
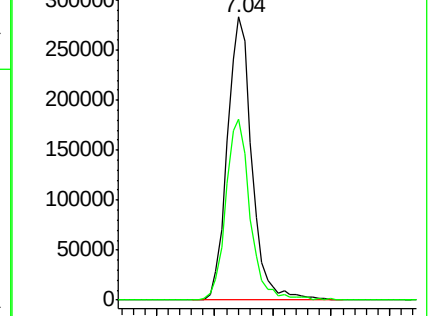
168 100

99 63.7 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: 55.033 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063592.D

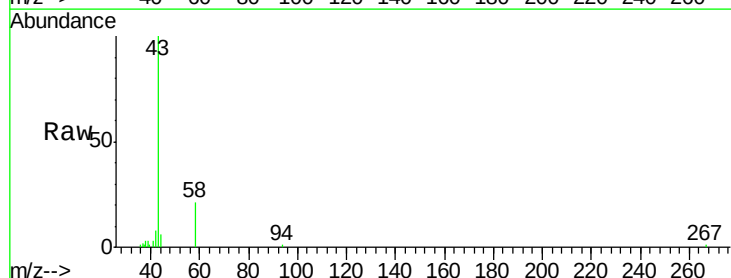
Acq: 14 Aug 2019 23:29

Tgt Ion: 43 Resp: 99082

Ion Ratio Lower Upper

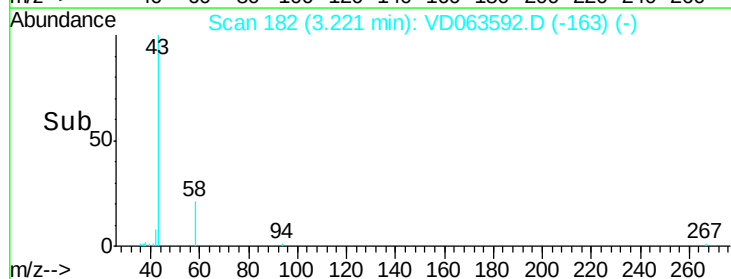
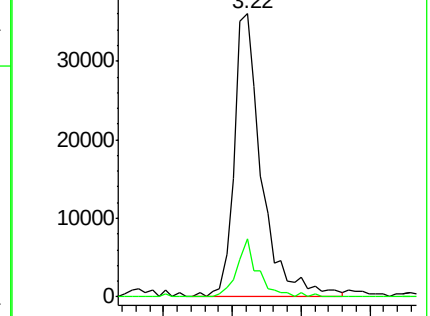
43 100

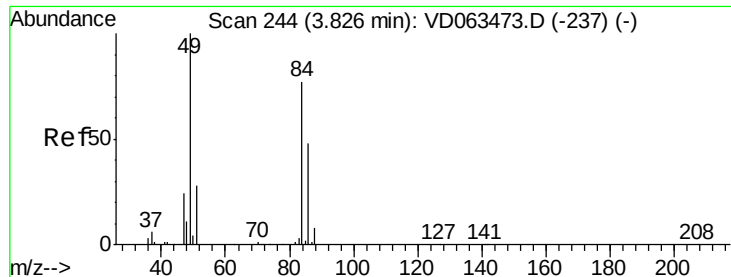
58 20.6 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

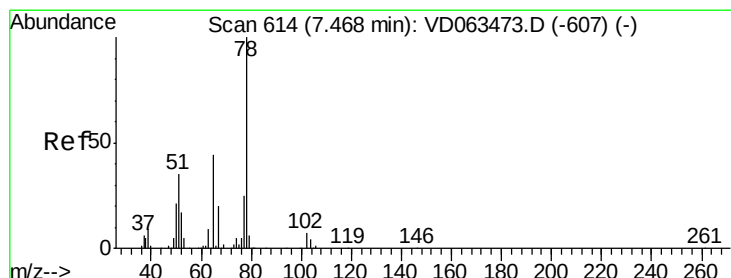
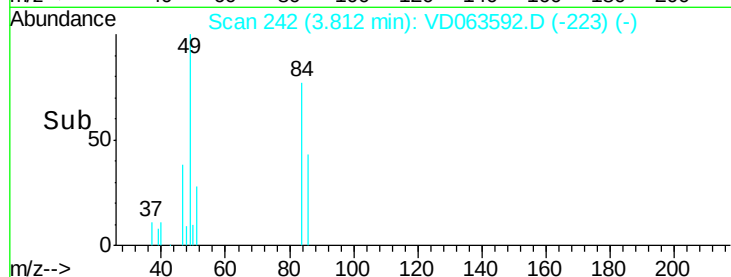
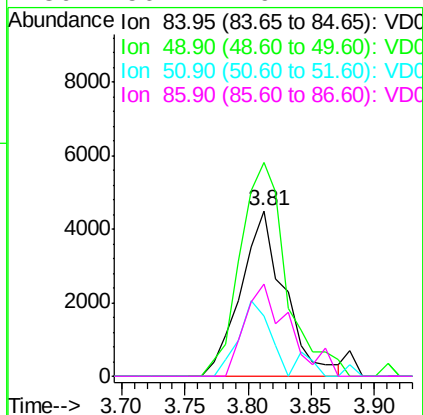
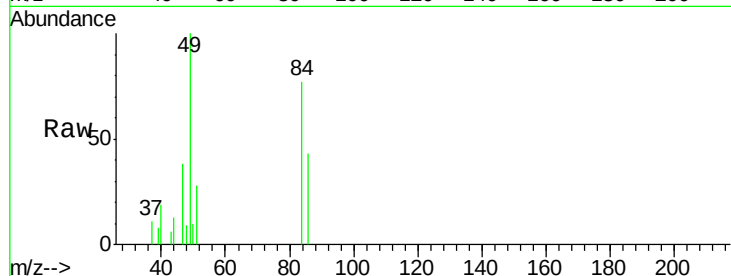




#20
Methylene Chloride
Concen: 1.397 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD063592.D
Acq: 14 Aug 2019 23:29

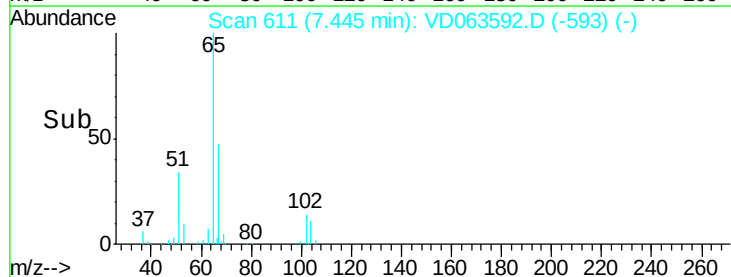
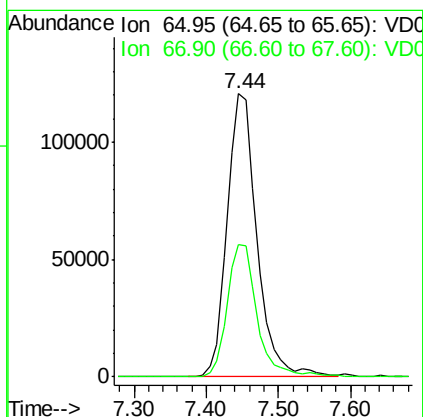
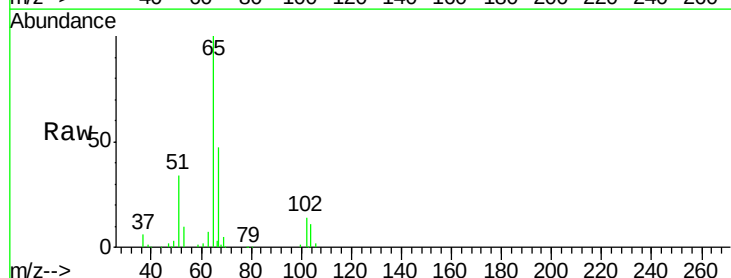
Instrument :
MSVOA_D
ClientSampleId :
T8-A2-(0)

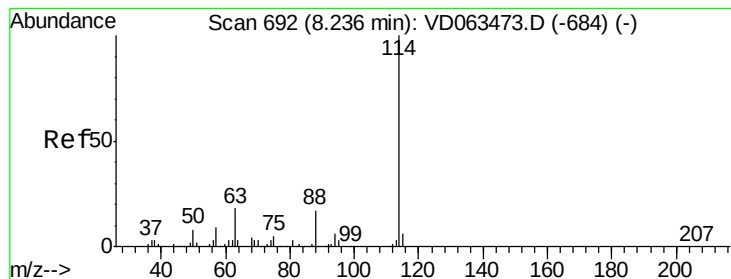
Tot Ion:	84	Resp:	10875
Ion	Ratio	Lower	Upper
84	100		
49	129.2	103.4	155.2
51	36.4	28.5	42.7
86	56.1	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: 39.222 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063592.D
Acq: 14 Aug 2019 23:29

Tgt Ion:	65	Resp:	347378
Ion	Ratio	Lower	Upper
65	100		
67	46.8	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: VD063592.D

Acq: 14 Aug 2019 23:29

Instrument :

MSVOA_D

ClientSampleId :

T8-A2-(0)

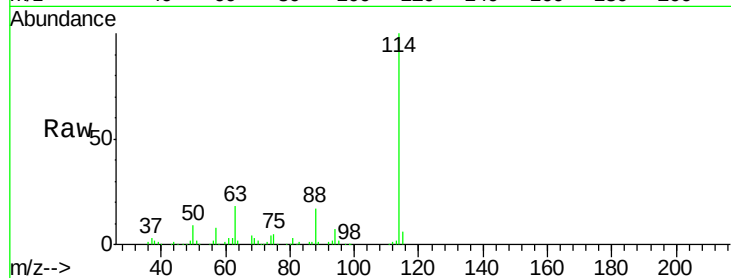
Tot Ion:114 Resp: 1174372

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.2

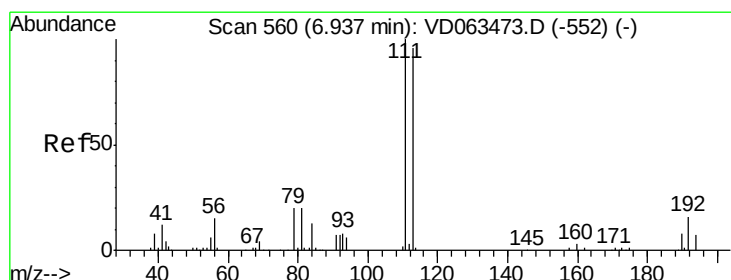
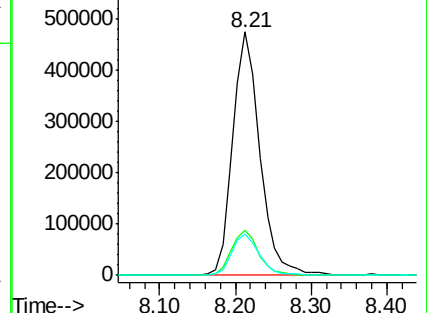
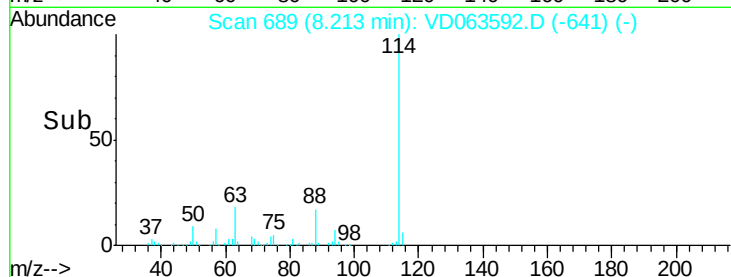
88 16.9 0.0 35.0



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: 42.656 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063592.D

Acq: 14 Aug 2019 23:29

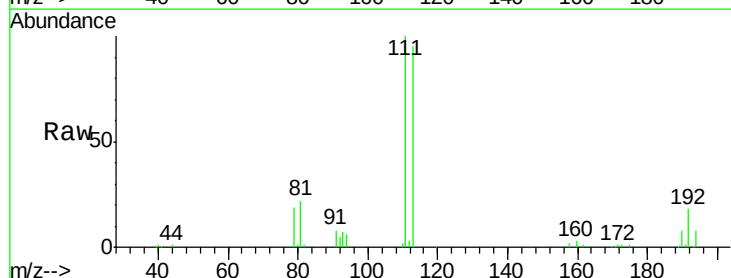
Tgt Ion:113 Resp: 421894

Ion Ratio Lower Upper

113 100

111 105.6 83.1 124.7

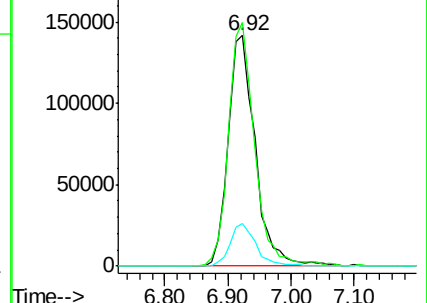
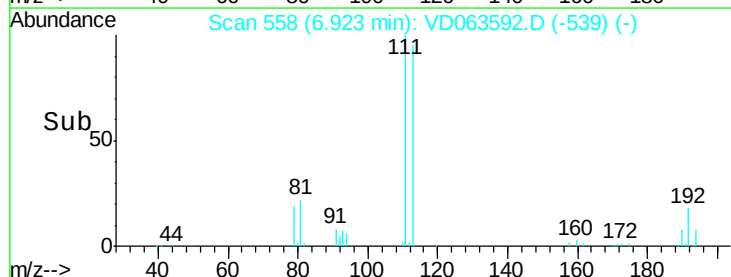
192 18.5 13.1 19.7

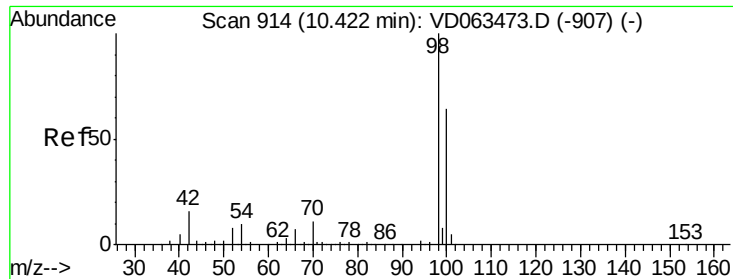


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

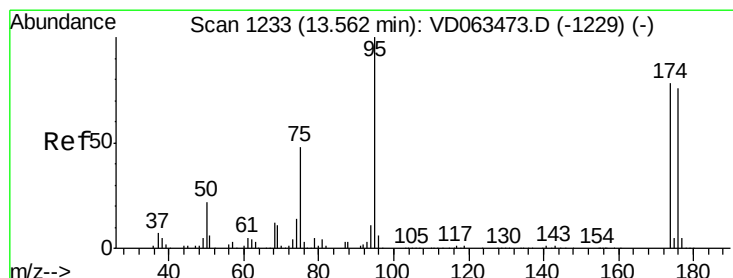
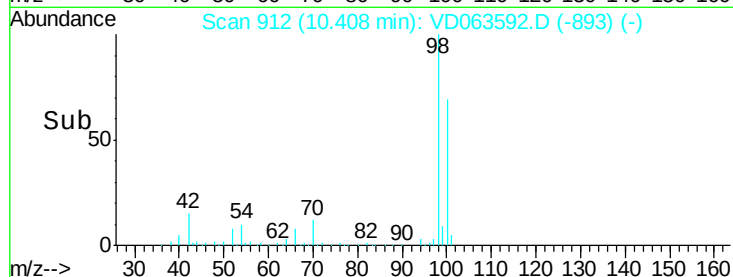
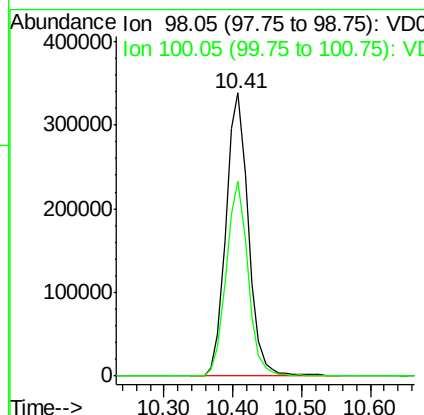
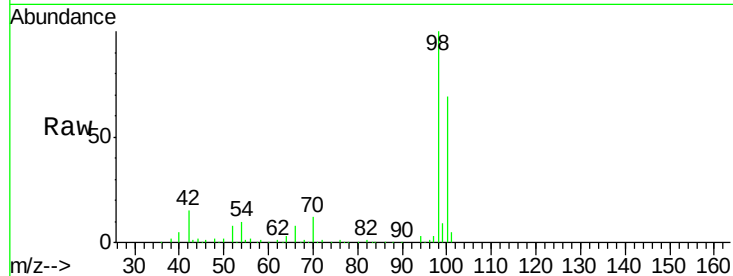




#50
Toluene-d8
Concen: 34.995 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063592.D
Acq: 14 Aug 2019 23:29

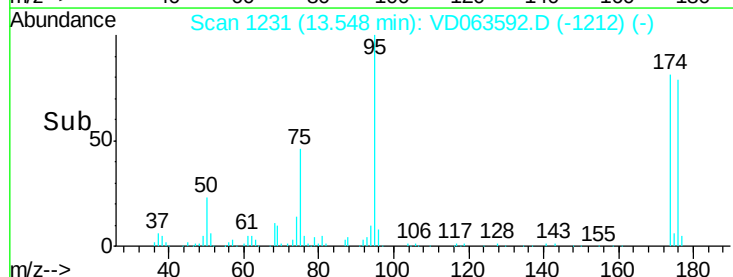
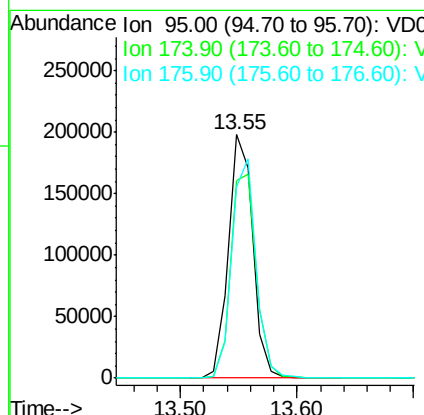
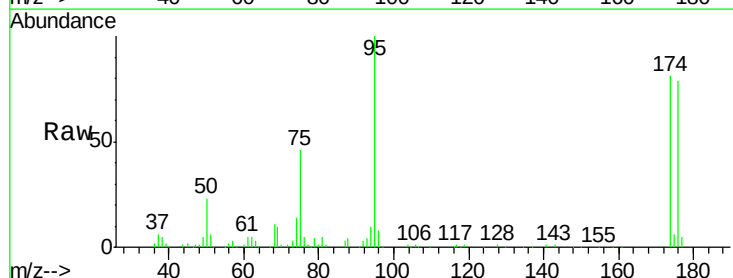
Instrument :
MSVOA_D
ClientSampleId :
T8-A2-(0)

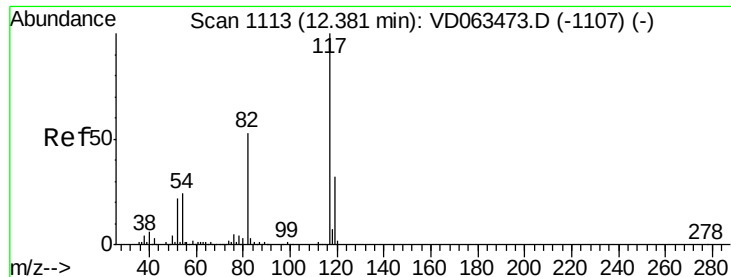
Tot Ion: 98 Resp: 760961
Ion Ratio Lower Upper
98 100
100 68.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 29.117 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063592.D
Acq: 14 Aug 2019 23:29

Tgt Ion: 95 Resp: 286969
Ion Ratio Lower Upper
95 100
174 81.0 0.0 155.4
176 78.7 0.0 152.4

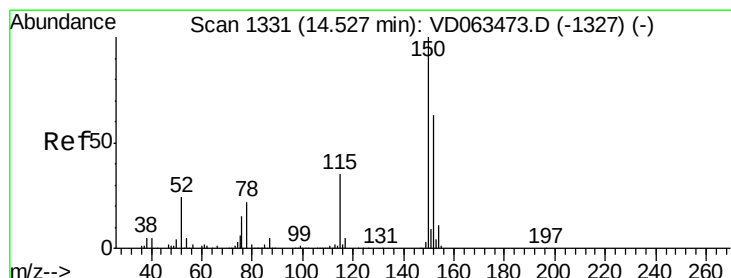
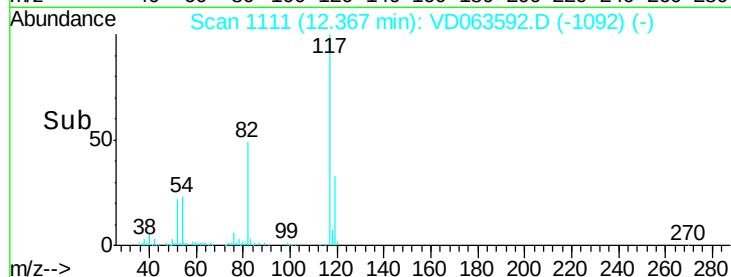
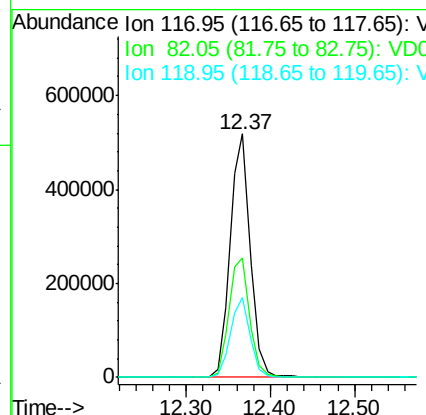
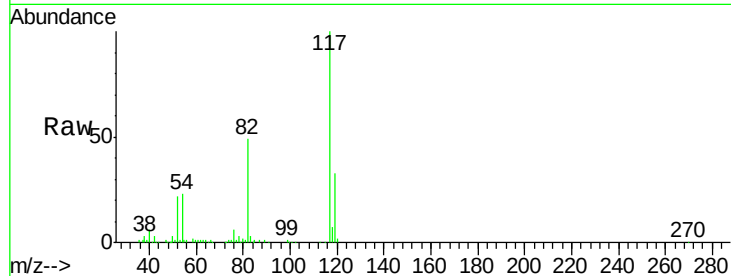




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063592.D
Acq: 14 Aug 2019 23:29

Instrument :
MSVOA_D
ClientSampleId :
T8-A2-(0)

Tot Ion:117 Resp: 854930
Ion Ratio Lower Upper
117 100
82 48.8 42.0 63.0
119 32.6 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: VD063592.D
Acq: 14 Aug 2019 23:29

Tgt Ion:152 Resp: 294859
Ion Ratio Lower Upper
152 100
115 57.5 30.9 92.7
150 155.9 0.0 318.6

