

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063557.D
 Acq On : 14 Aug 2019 6:39
 Operator : JC/SY
 Sample : K4324-08
 Misc : 5.49g/5ml/MSVOA D/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-C1-(0)

Quant Time: Aug 14 10:09:58 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

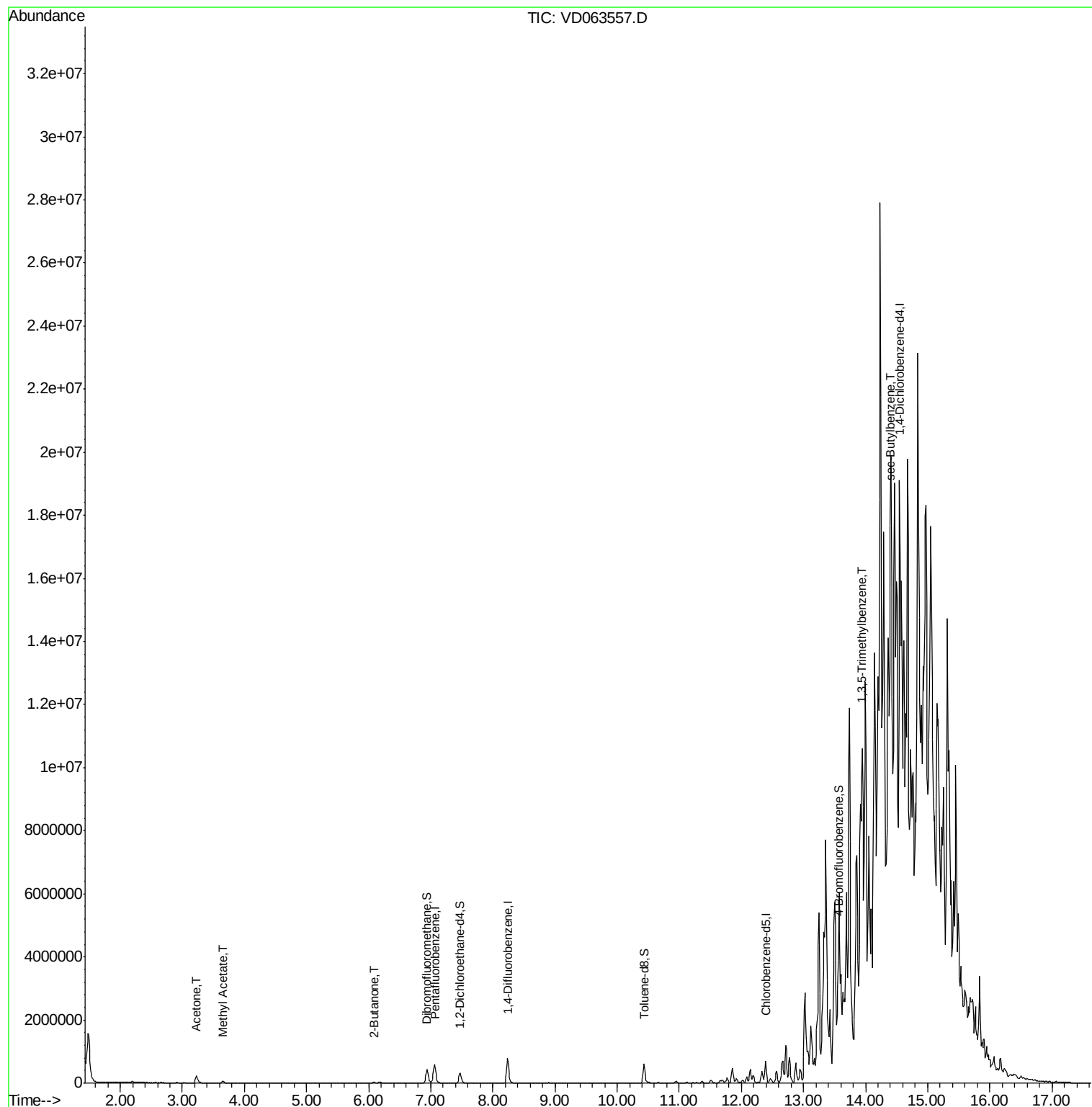
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	601056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	875266	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.39	117	389091	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.55	152	156350	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	381129	59.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.64%	
35) Dibromofluoromethane	6.94	113	382070	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
50) Toluene-d8	10.43	98	479937	29.61	ug/l	0.01
Spiked Amount 50.000			Recovery	=	59.22%	
62) 4-Bromofluorobenzene	13.55	95	272296	37.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.14%	
Target Compounds						
16) Acetone	3.23	43	453019	346.864	ug/l #	90
18) Methyl Acetate	3.65	43	93671	37.865	ug/l	95
25) 2-Butanone	6.08	43	60019	46.530	ug/l	100
80) 1,3,5-Trimethylbenzene	13.96	105	28177	3.243	ug/l	86
85) sec-Butylbenzene	14.39	105	108632	11.180	ug/l	99

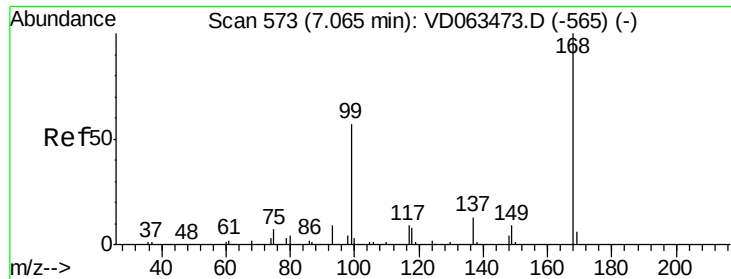
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081319\
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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: 7.07 min Scan# 573

Delta R.T. 0.00 min

Lab File: VD063557.D

Acq: 14 Aug 2019 6:39

Instrument :

MSVOA_D

ClientSampleId :

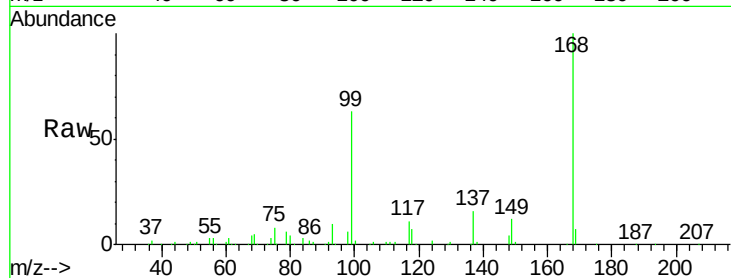
T8-C1-(0)

Tot Ion:168 Resp: 601056

Ion Ratio Lower Upper

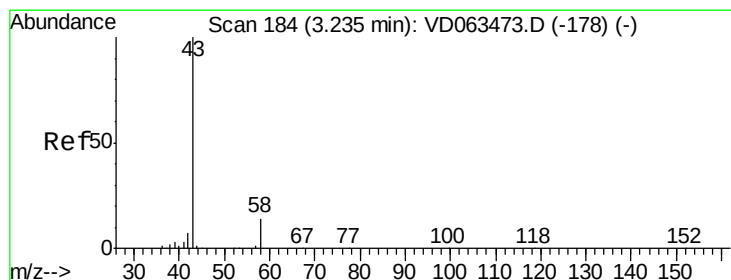
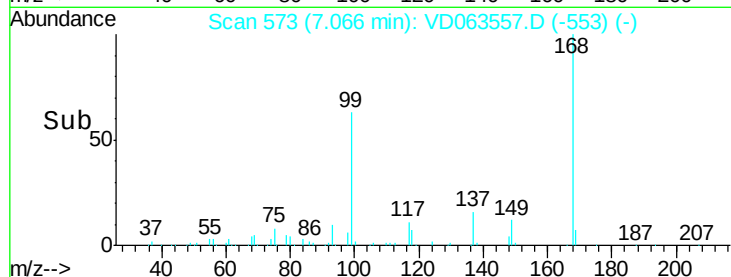
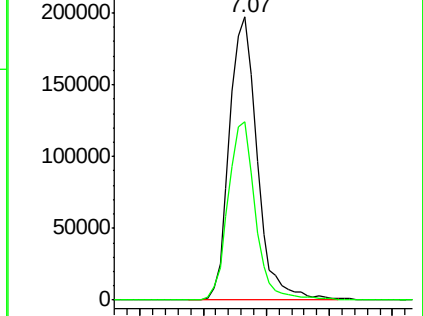
168 100

99 63.2 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: 346.864 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063557.D

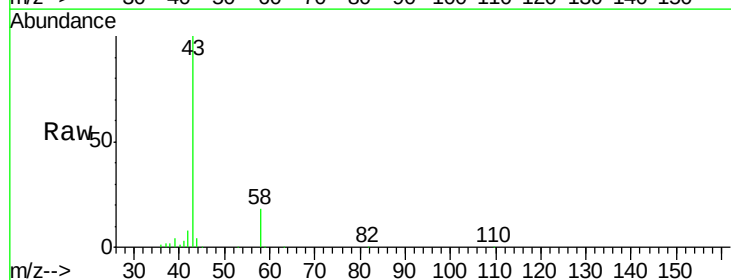
Acq: 14 Aug 2019 6:39

Tgt Ion: 43 Resp: 453019

Ion Ratio Lower Upper

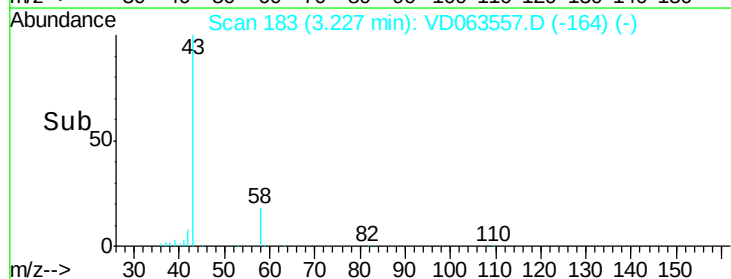
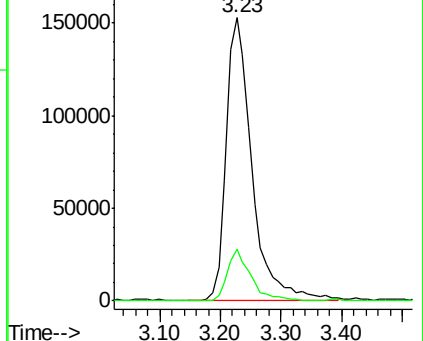
43 100

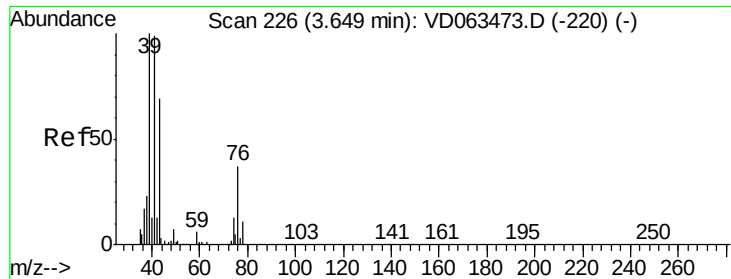
58 18.4 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

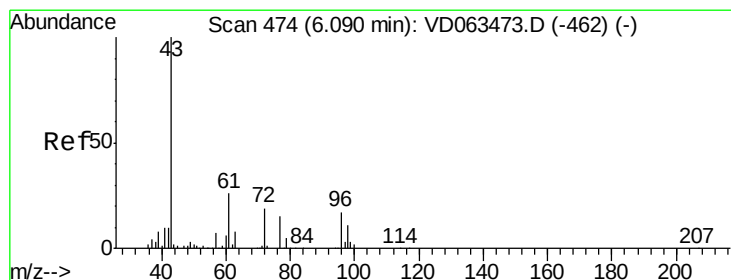
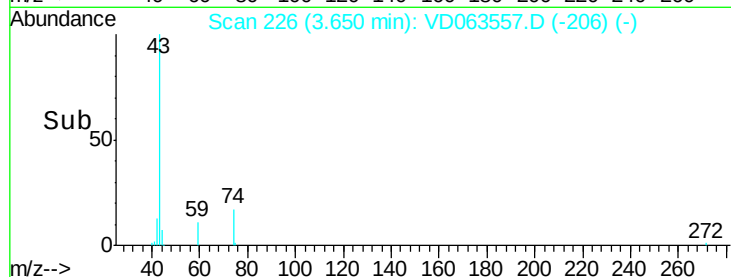
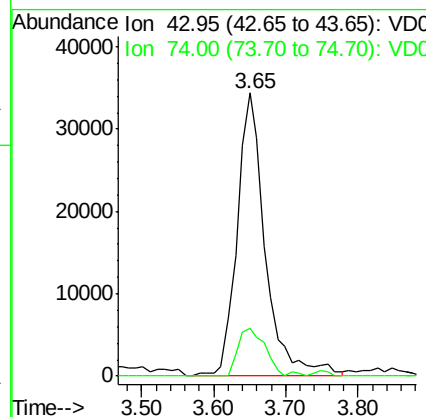
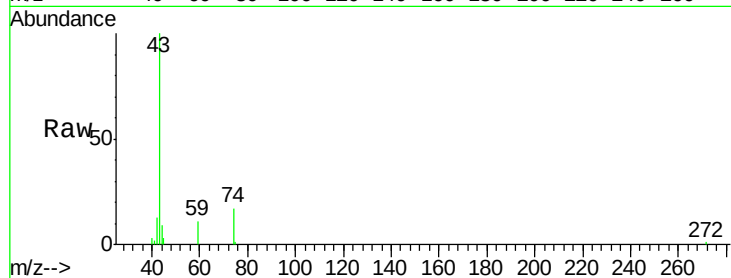




#18
Methvl Acetate
Concen: 37.865 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.00 min
Lab File: VD063557.D
Acq: 14 Aug 2019 6:39

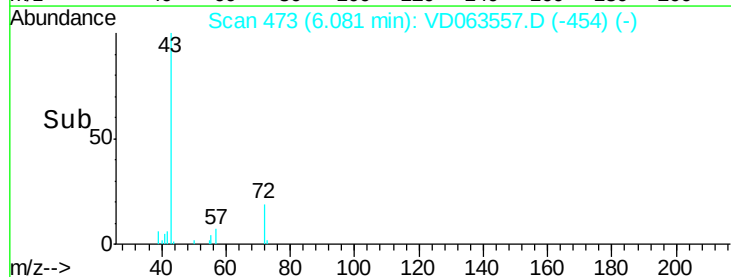
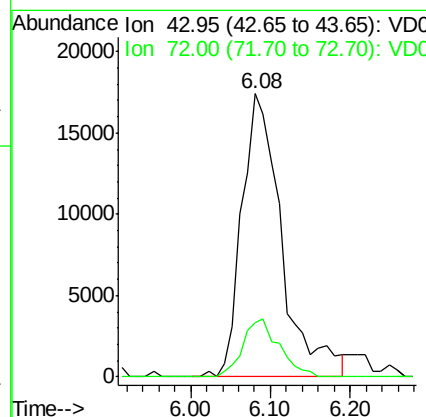
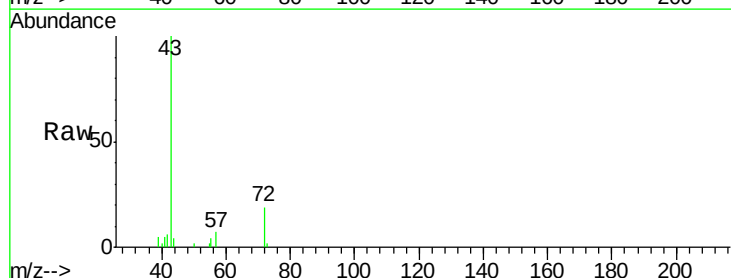
Instrument :
MSVOA_D
ClientSampleId :
T8-C1-(0)

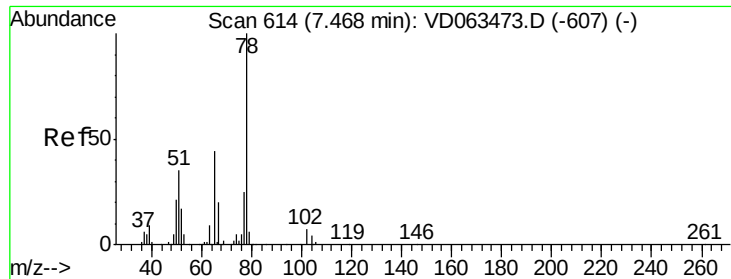
Tot Ion: 43 Resp: 93671
Ion Ratio Lower Upper
43 100
74 16.9 15.4 23.2



#25
2-Butanone
Concen: 46.530 ug/l
RT: 6.08 min Scan# 473
Delta R.T. -0.01 min
Lab File: VD063557.D
Acq: 14 Aug 2019 6:39

Tgt Ion: 43 Resp: 60019
Ion Ratio Lower Upper
43 100
72 19.0 15.1 22.7

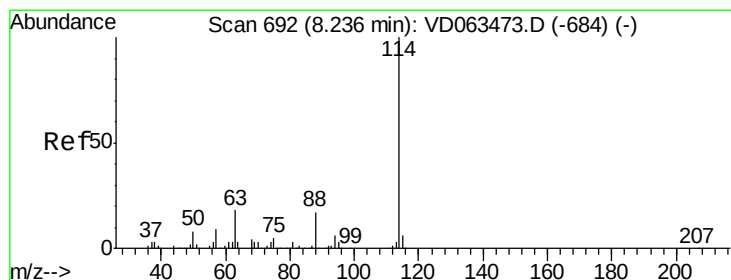
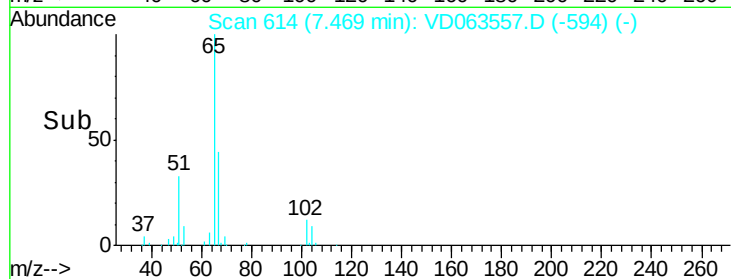
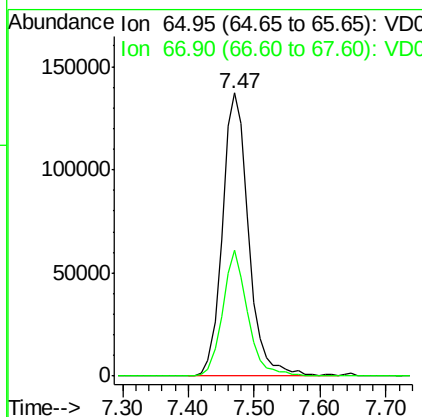
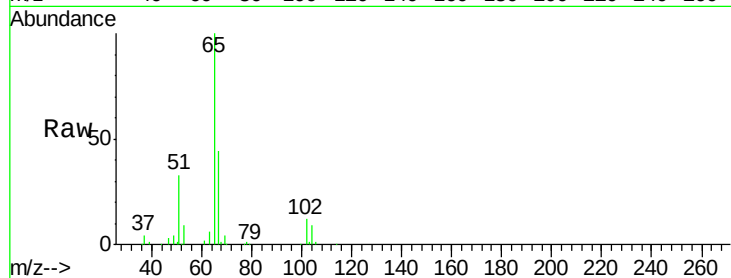




#33
 1,2-Dichloroethane-d4
 Concen: 59.321 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: VD063557.D
 Acq: 14 Aug 2019 6:39

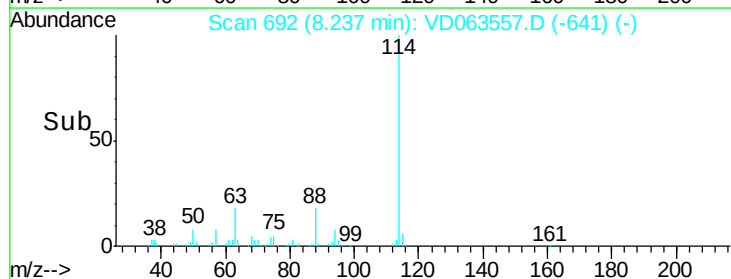
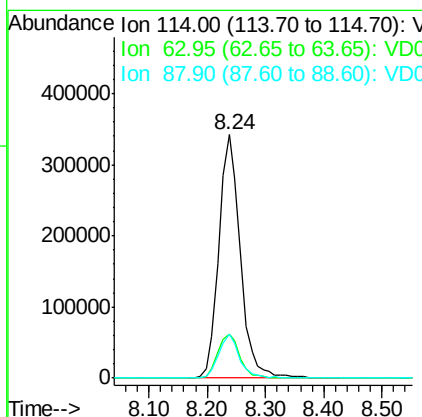
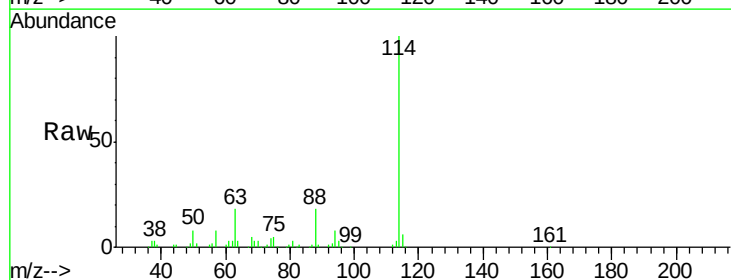
Instrument :
 MSVOA_D
 ClientSampleId :
 T8-C1-(0)

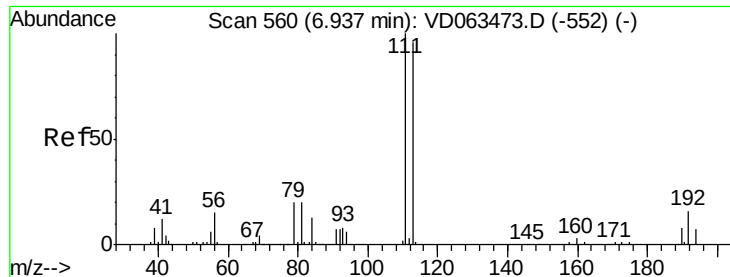
Tot Ion	Ratio	Lower	Upper
65	100		
67	44.4	0.0	89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: VD063557.D
 Acq: 14 Aug 2019 6:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	36.2
88	18.1	0.0	35.0





#35

Dibromofluoromethane

Concen: 51.830 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD063557.D

Acq: 14 Aug 2019 6:39

Instrument :

MSVOA_D

ClientSampleId :

T8-C1-(0)

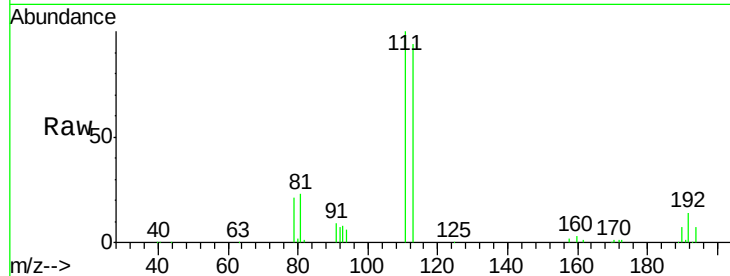
Tot Ion:113 Resp: 382070

Ion Ratio Lower Upper

113 100

111 106.2 83.1 124.7

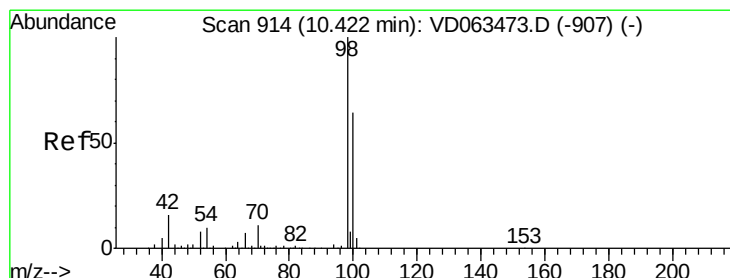
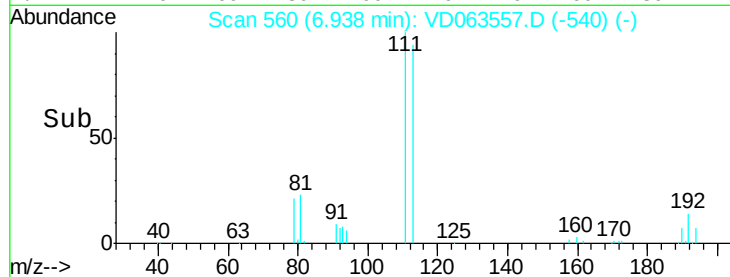
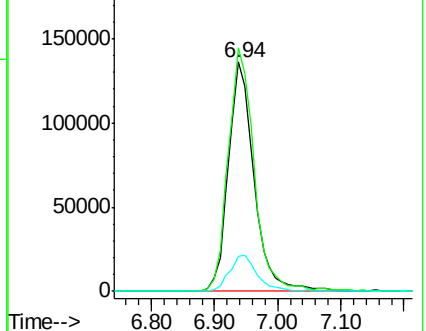
192 15.0 13.1 19.7



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: 29.614 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.01 min

Lab File: VD063557.D

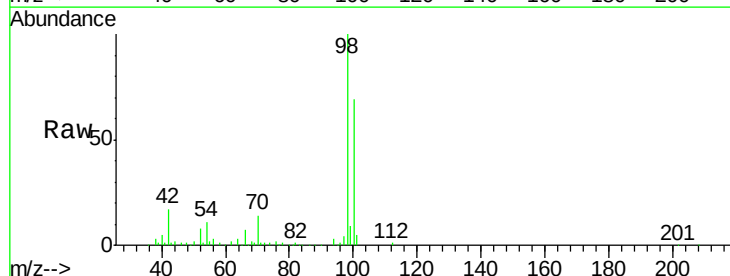
Acq: 14 Aug 2019 6:39

Tgt Ion: 98 Resp: 479937

Ion Ratio Lower Upper

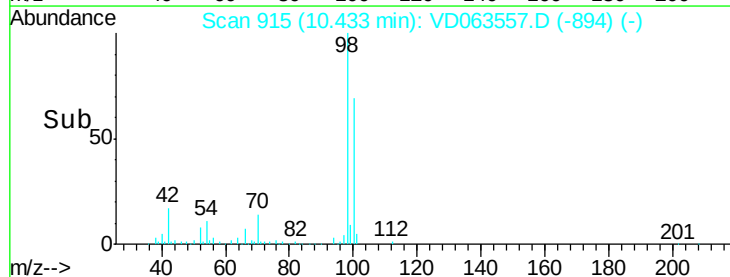
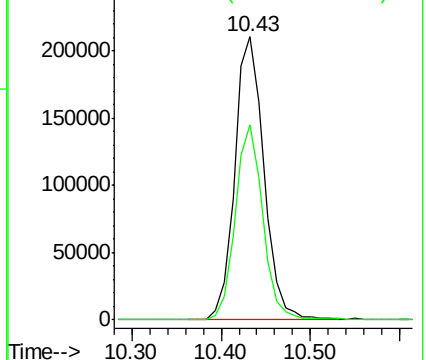
98 100

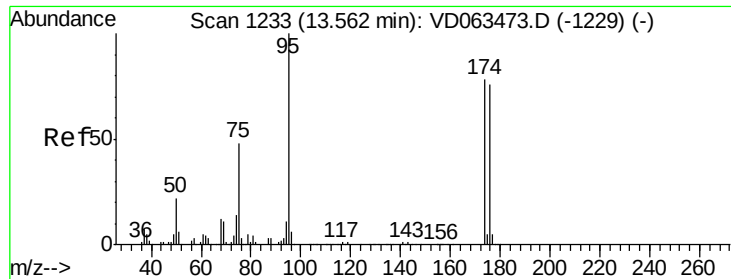
100 69.0 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

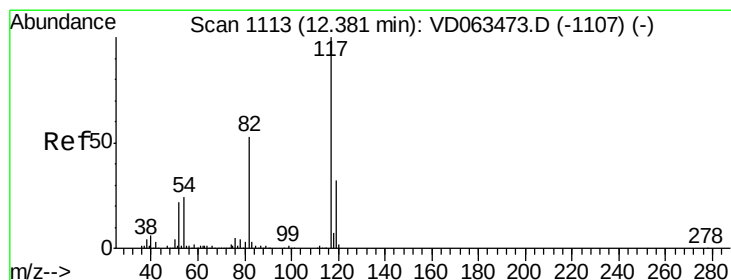
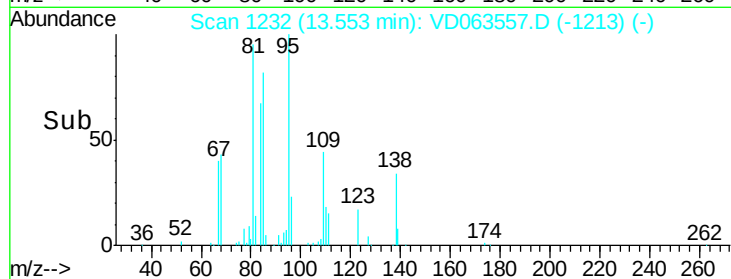
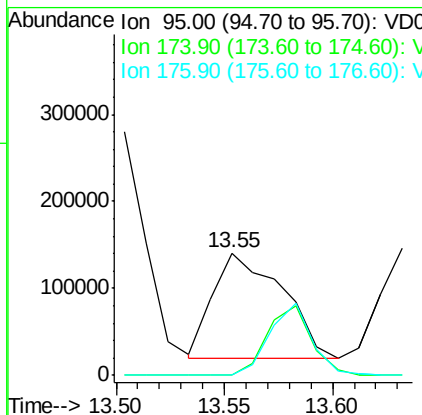
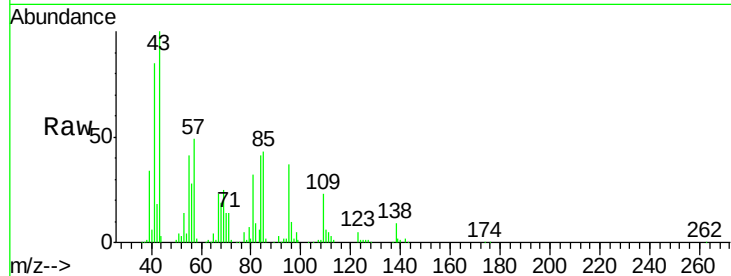




#62
 4-Bromofluorobenzene
 Concen: 37.069 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: VD063557.D
 Acq: 14 Aug 2019 6:39

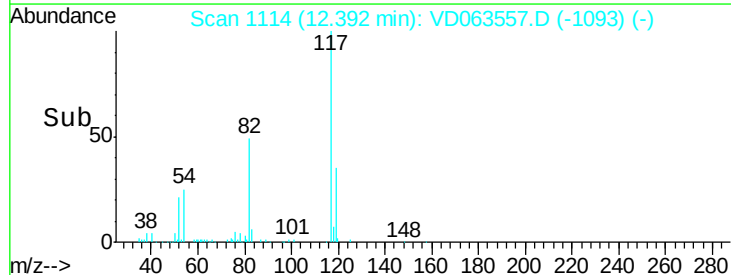
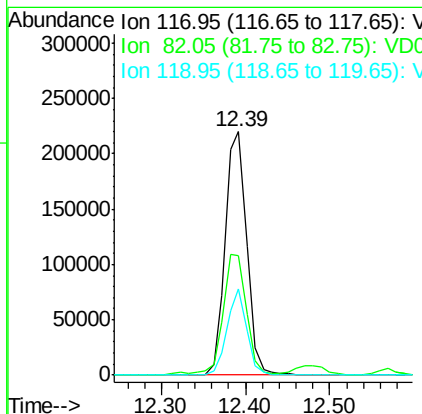
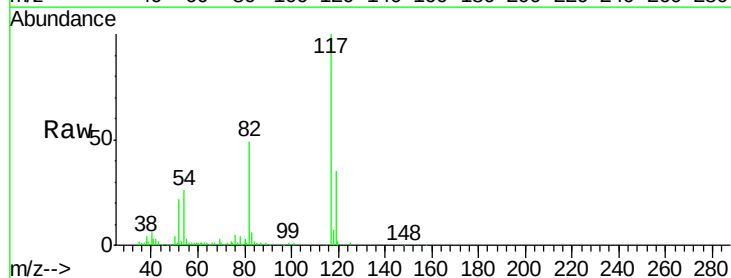
Instrument :
 MSVOA_D
 ClientSampleId :
 T8-C1-(0)

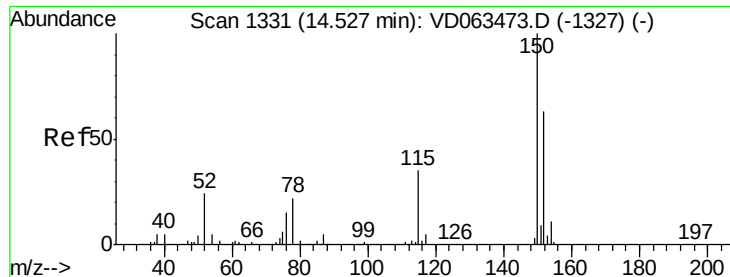
Tot Ion: 95 Resp: 272296
 Ion Ratio Lower Upper
 95 100
 174 0.6 0.0 155.4
 176 0.3 0.0 152.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.39 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: VD063557.D
 Acq: 14 Aug 2019 6:39

Tgt Ion: 117 Resp: 389091
 Ion Ratio Lower Upper
 117 100
 82 49.0 42.0 63.0
 119 35.1 25.4 38.0



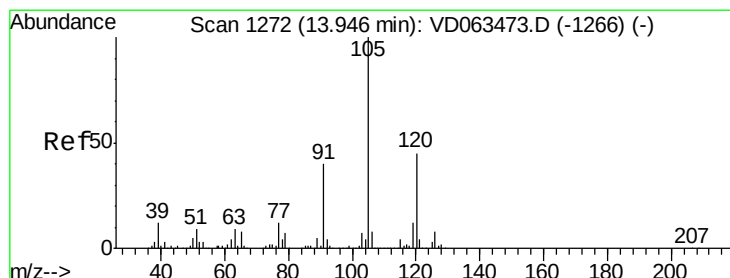
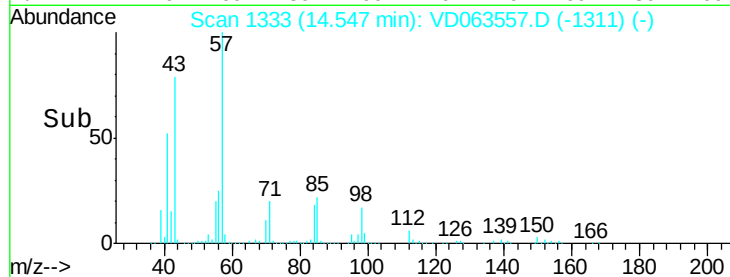
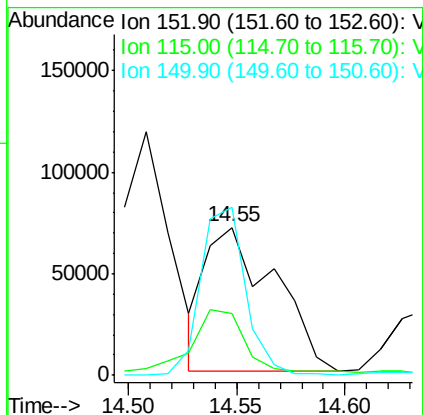
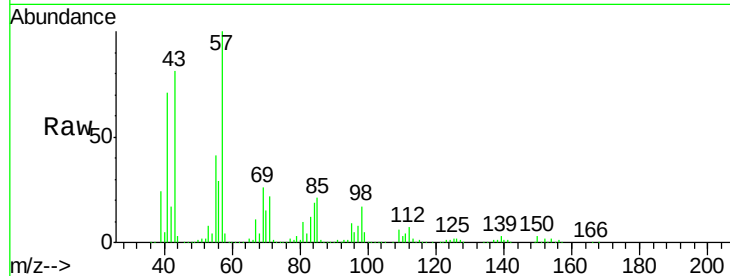


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.55 min Scan# 1333
Delta R.T. 0.02 min
Lab File: VD063557.D
Acq: 14 Aug 2019 6:39

Instrument :
MSVOA_D
ClientSampleId :
T8-C1-(0)

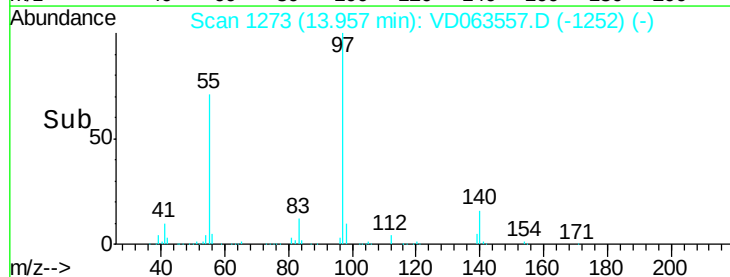
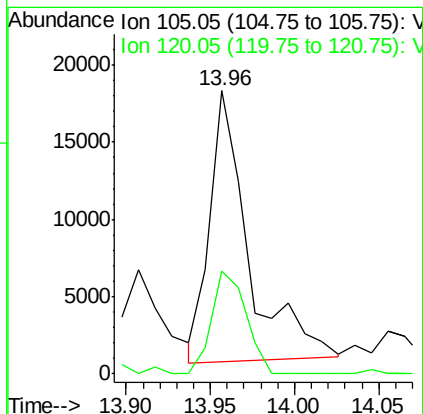
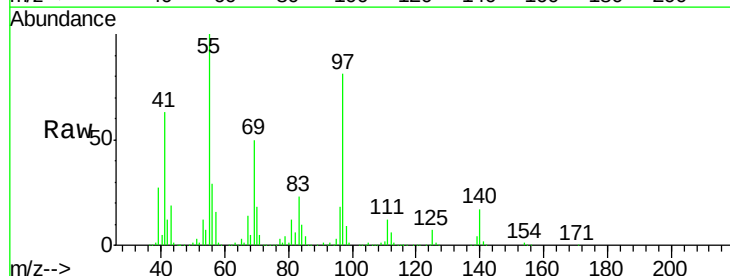
Tot Ion:152 Resp: 156350
Ion Ratio Lower Upper
152 100
115 42.2 30.9 92.7
150 113.8 0.0 318.6

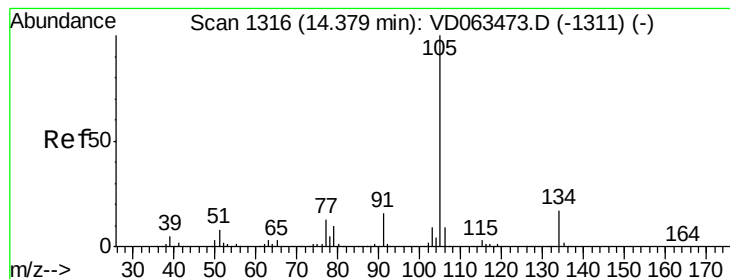


#80

1,3,5-Trimethylbenzene
Concen: 3.243 ug/l
RT: 13.96 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VD063557.D
Acq: 14 Aug 2019 6:39

Tgt Ion:105 Resp: 28177
Ion Ratio Lower Upper
105 100
120 36.4 22.8 68.3





#85

sec-Butylbenzene

Concen: 11.180 ug/l

RT: 14.39 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VD063557.D

Acq: 14 Aug 2019 6:39

Instrument :

MSVOA_D

ClientSampleId :

T8-C1-(0)

Tot Ion:105 Resp: 108632

Ion Ratio Lower Upper

105 100

134 16.8 8.3 24.8

