

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081519\
 Data File : VD063614.D
 Acq On : 15 Aug 2019 19:10
 Operator : JC/SY
 Sample : K4356-09
 Misc : 5.20µl/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Quant Time: Aug 16 01:19:28 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

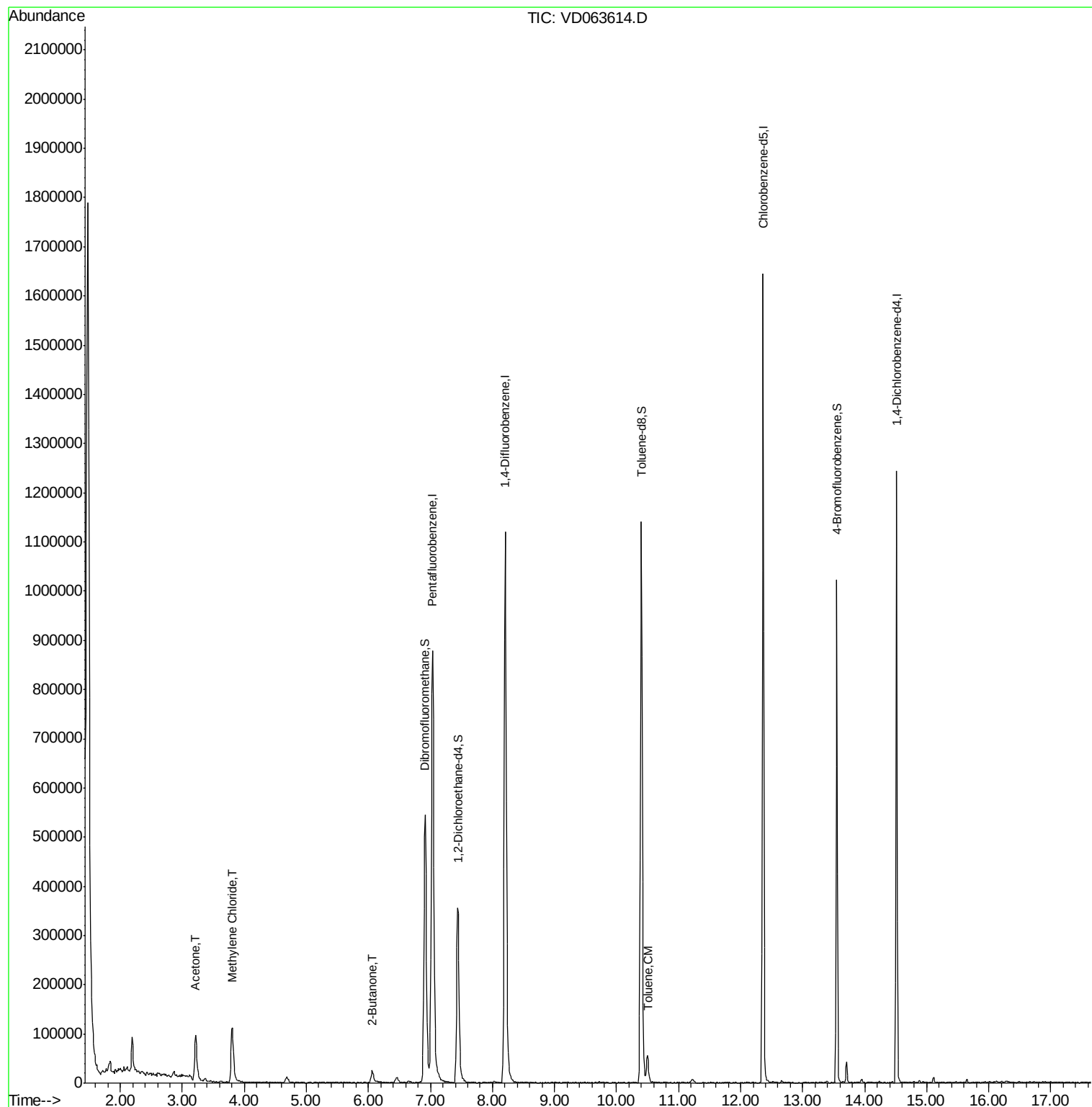
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	884289	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1233999	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	822318	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	293898	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	417376	44.16	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	88.32%	
35) Dibromofluoromethane	6.92	113	469436	45.17	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	90.34%	
50) Toluene-d8	10.40	98	929532	40.68	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	81.36%	
62) 4-Bromofluorobenzene	13.55	95	269768	26.05	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	52.10%	
Target Compounds						
16) Acetone	3.22	43	176286	91.745	ug/l	99
20) Methylene Chloride	3.80	84	71935	8.658	ug/l	98
25) 2-Butanone	6.06	43	44336	23.363	ug/l #	86
52) Toluene	10.50	92	25618	1.657	ug/l	96

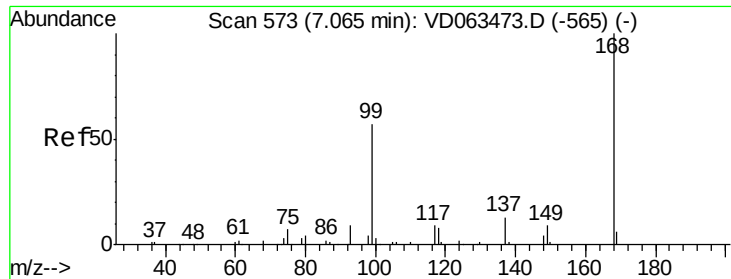
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081519\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063614.D

Acq: 15 Aug 2019 19:10

Instrument :

MSVOA_D

ClientSampleId :

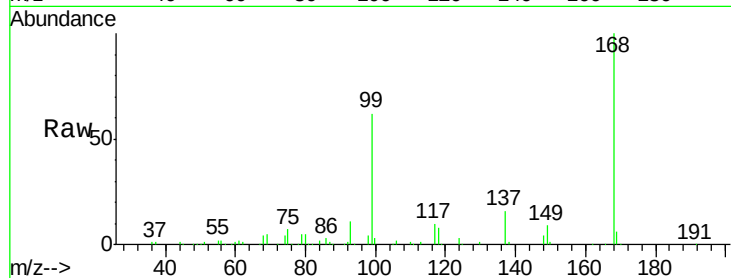
TP-5

Tot Ion:168 Resp: 884289

Ion Ratio Lower Upper

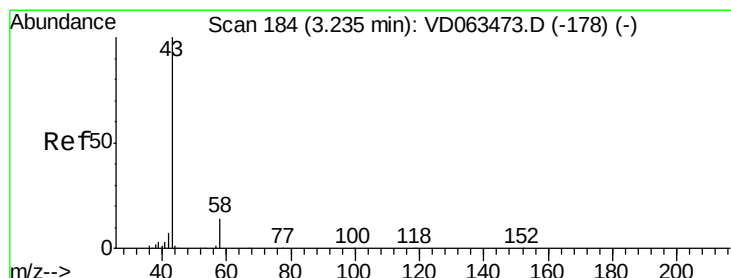
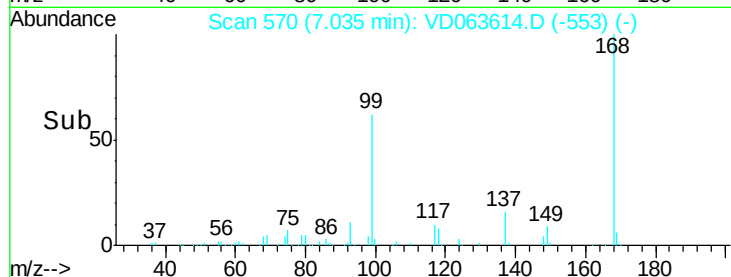
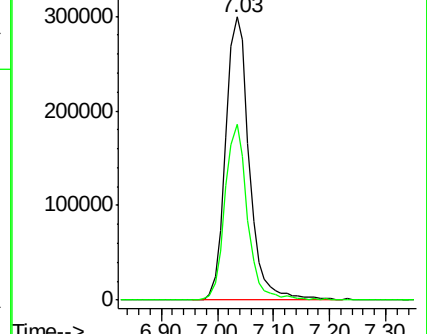
168 100

99 62.2 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: 91.745 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063614.D

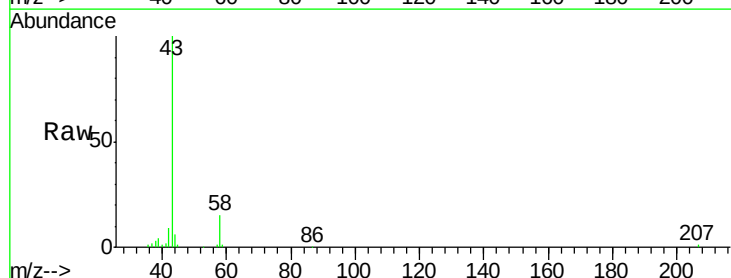
Acq: 15 Aug 2019 19:10

Tgt Ion: 43 Resp: 176286

Ion Ratio Lower Upper

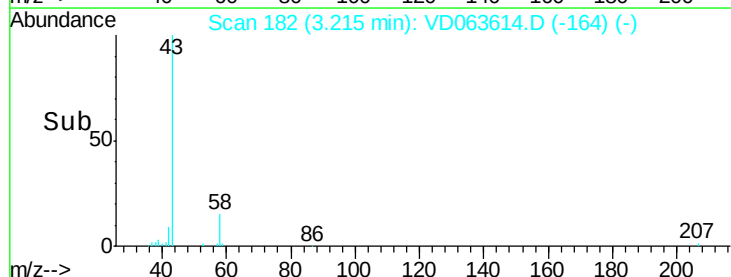
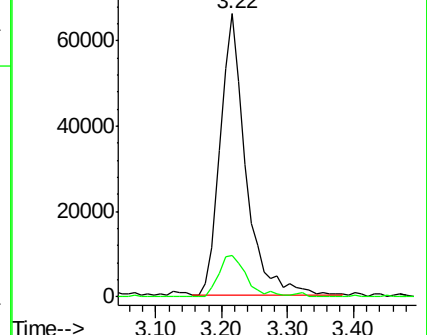
43 100

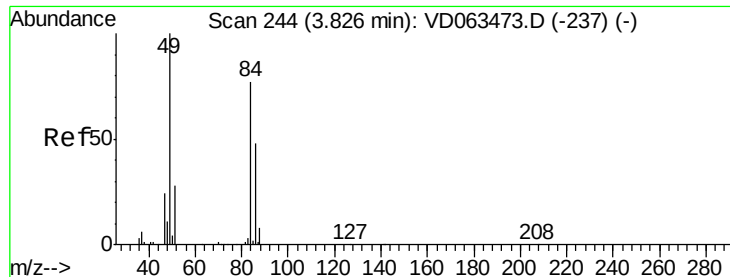
58 14.8 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

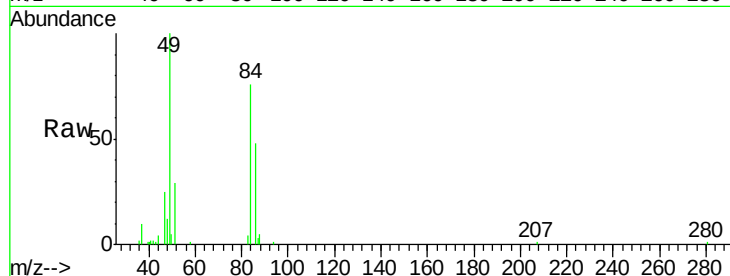




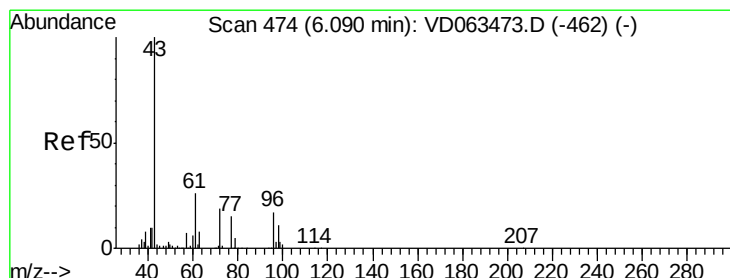
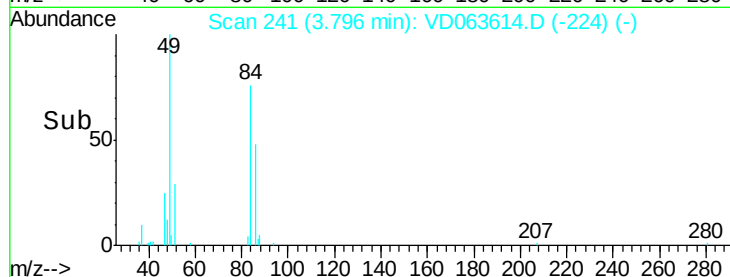
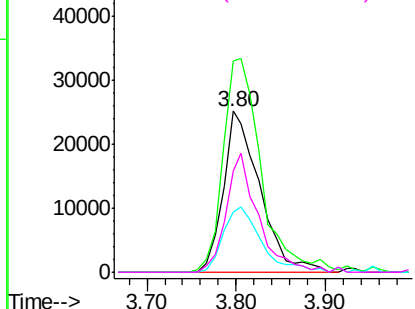
#20
Methylene Chloride
Concen: 8.658 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.03 min
Lab File: VD063614.D
Acq: 15 Aug 2019 19:10

Instrument :
MSVOA_D
ClientSampled :
TP-5

Tot Ion:	84	Resp:	71935
Ion	Ratio	Lower	Upper
84	100		
49	131.1	103.4	155.2
51	37.7	28.5	42.7
86	62.8	49.4	74.2

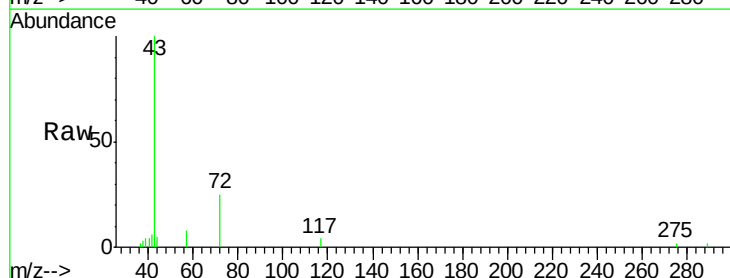


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

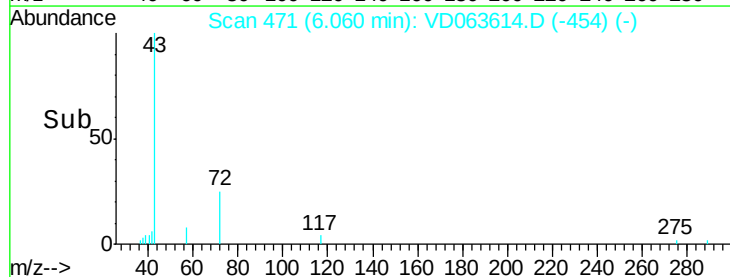
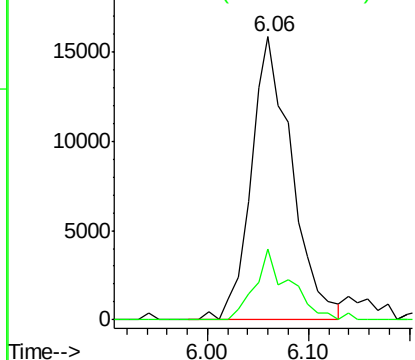


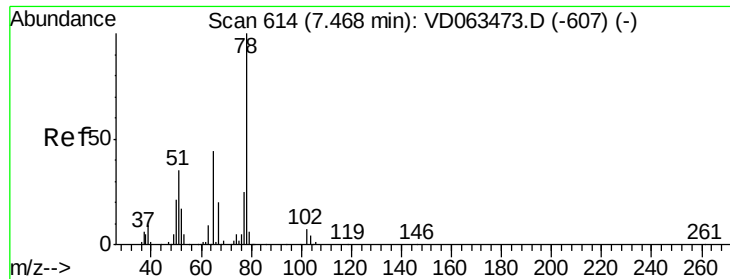
#25
2-Butanone
Concen: 23.363 ug/l
RT: 6.06 min Scan# 471
Delta R.T. -0.03 min
Lab File: VD063614.D
Acq: 15 Aug 2019 19:10

Tgt Ion:	43	Resp:	44336
Ion	Ratio	Lower	Upper
43	100		
72	25.3	15.1	22.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

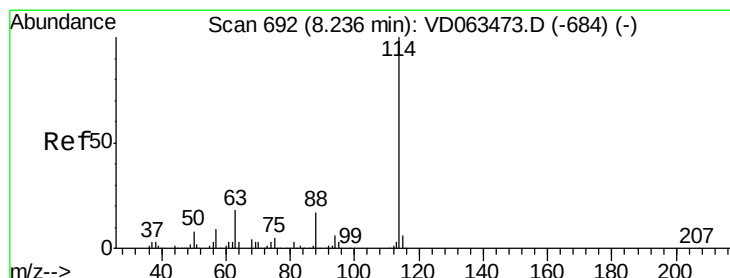
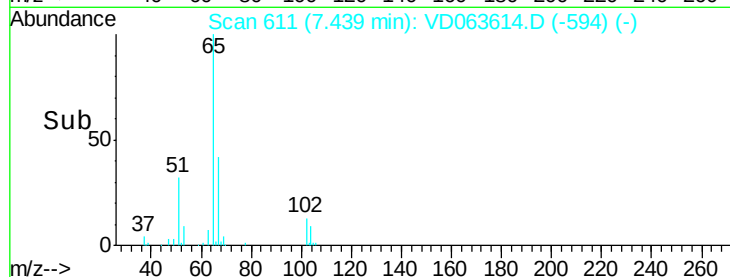
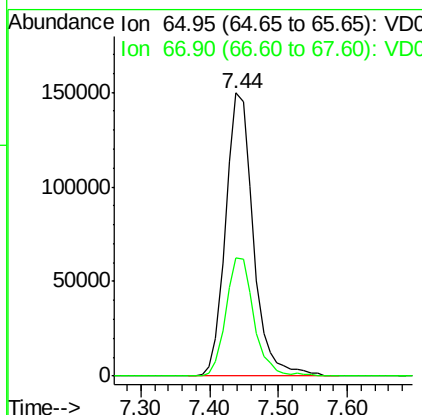
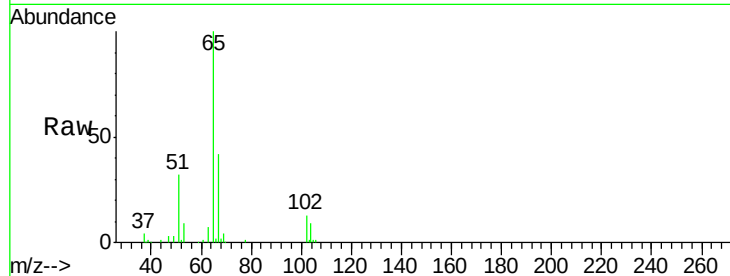




#33
 1,2-Dichloroethane-d4
 Concen: 44.156 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: VD063614.D
 Acq: 15 Aug 2019 19:10

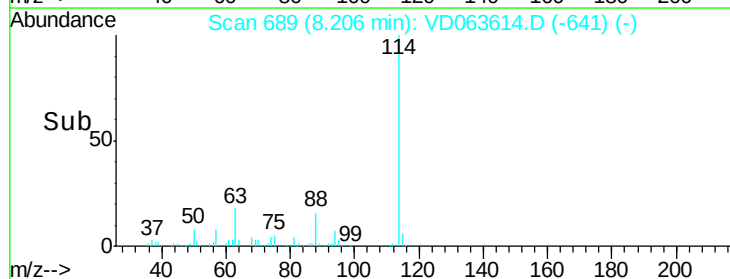
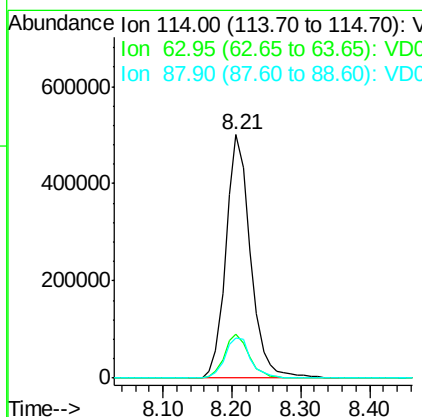
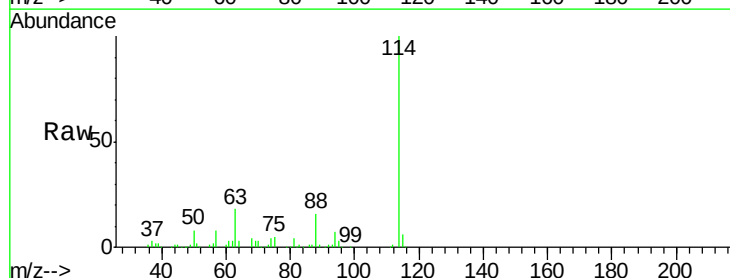
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

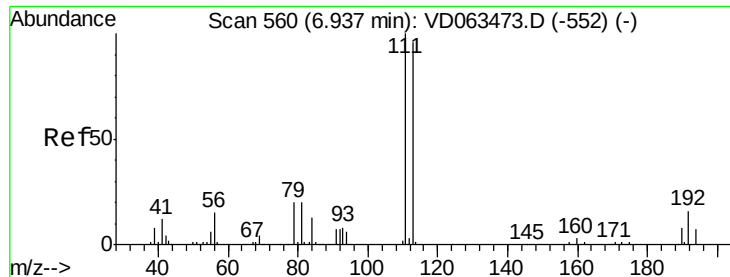
Tot Ion: 65 Resp: 417376
 Ion Ratio Lower Upper
 65 100
 67 41.7 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: VD063614.D
 Acq: 15 Aug 2019 19:10

Tgt Ion: 114 Resp: 1233999
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.2
 88 16.5 0.0 35.0





#35

Dibromofluoromethane

Concen: 45.169 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063614.D

Acq: 15 Aug 2019 19:10

Instrument :

MSVOA_D

ClientSampled :

TP-5

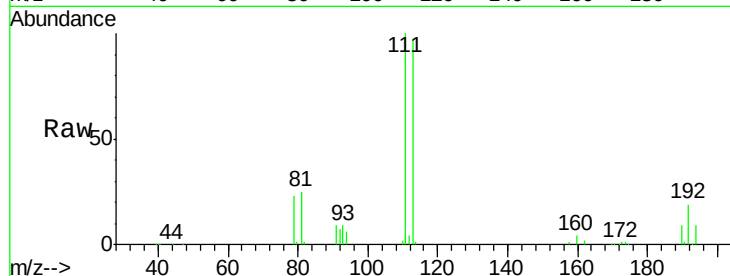
Tot Ion:113 Resp: 469436

Ion Ratio Lower Upper

113 100

111 102.6 83.1 124.7

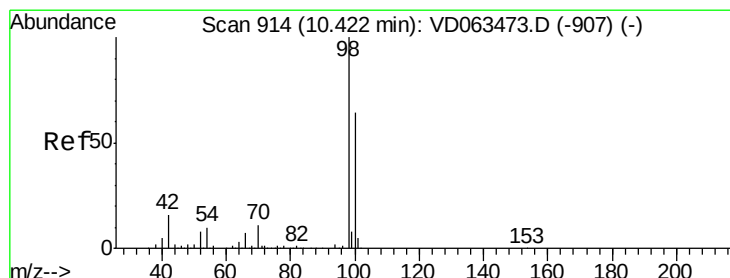
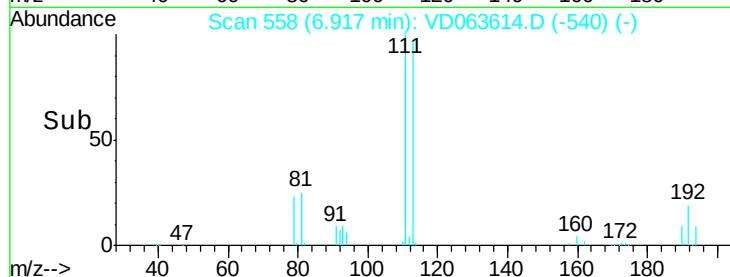
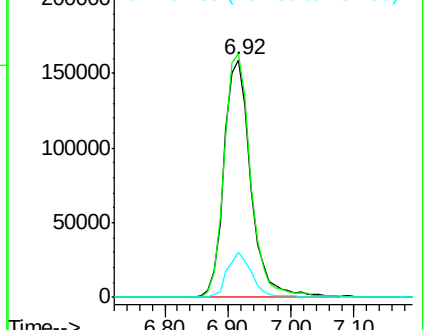
192 19.3 13.1 19.7



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: 40.681 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063614.D

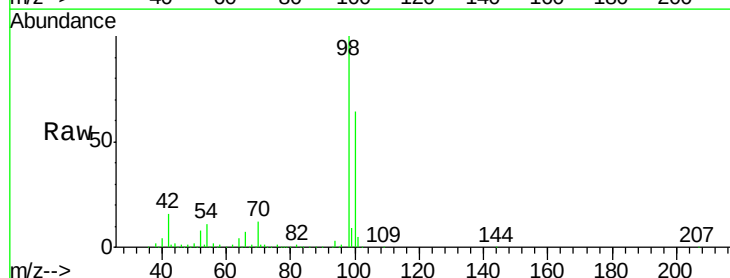
Acq: 15 Aug 2019 19:10

Tgt Ion: 98 Resp: 929532

Ion Ratio Lower Upper

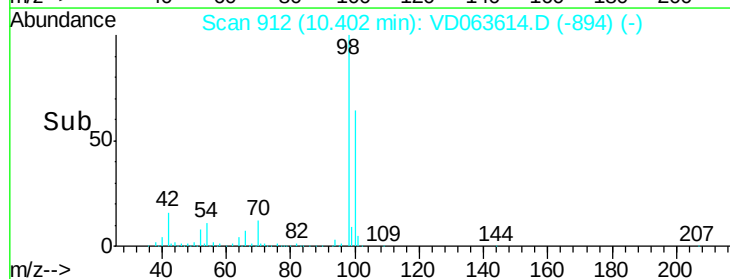
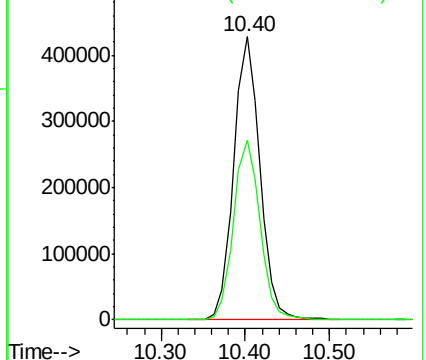
98 100

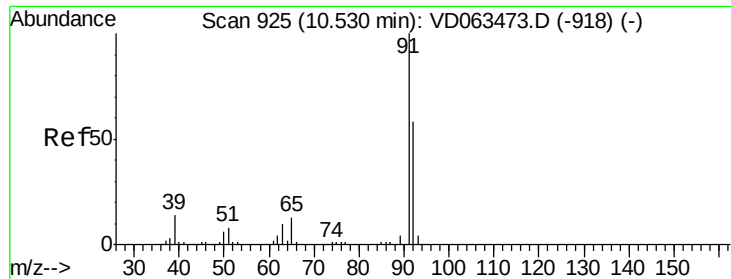
100 63.5 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.657 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.03 min

Lab File: VD063614.D

Acq: 15 Aug 2019 19:10

Instrument :

MSVOA_D

ClientSampleId :

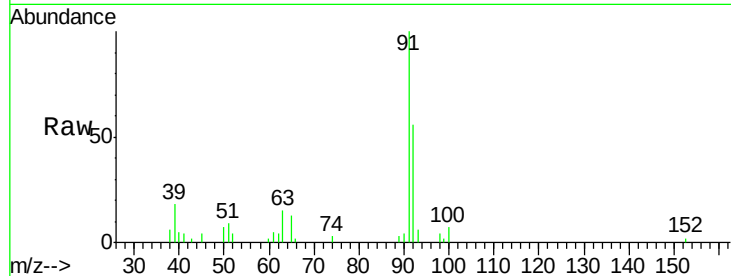
TP-5

Tot Ion: 92 Resp: 25618

Ion Ratio Lower Upper

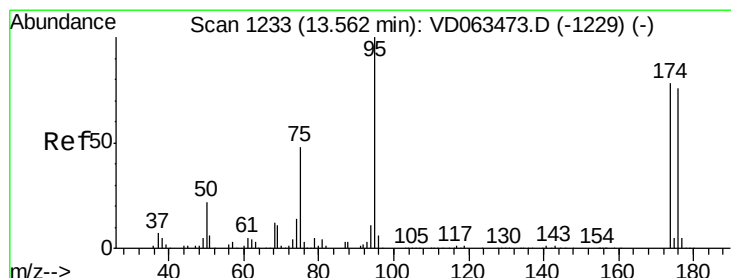
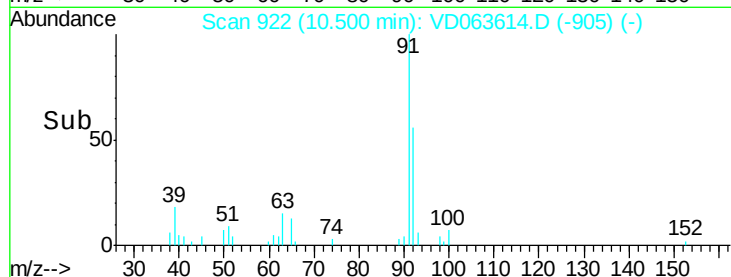
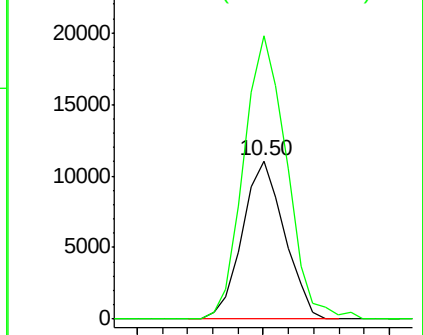
92 100

91 178.6 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 26.049 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063614.D

Acq: 15 Aug 2019 19:10

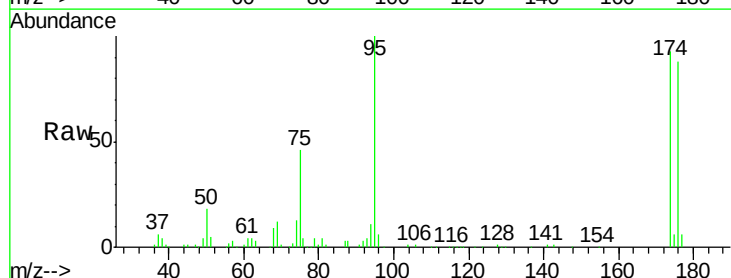
Tgt Ion: 95 Resp: 269768

Ion Ratio Lower Upper

95 100

174 92.6 0.0 155.4

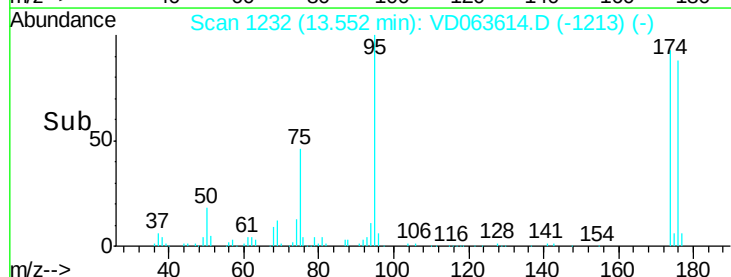
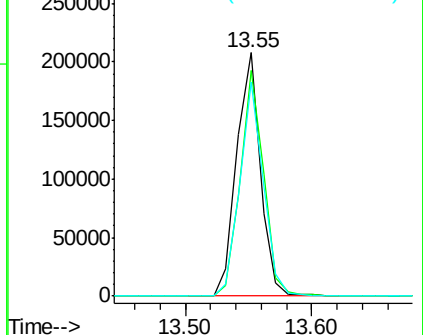
176 88.1 0.0 152.4

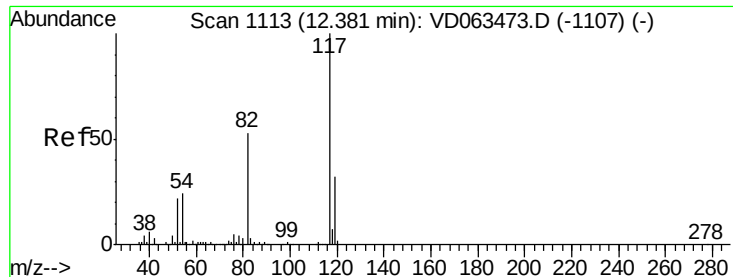


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

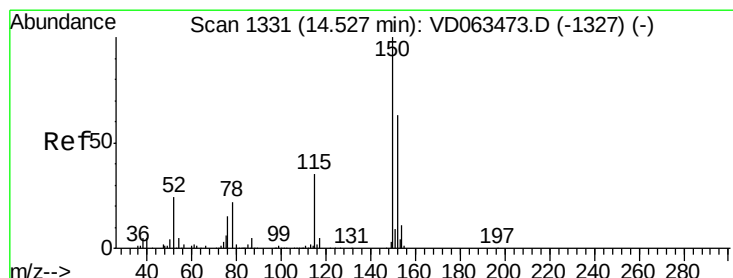
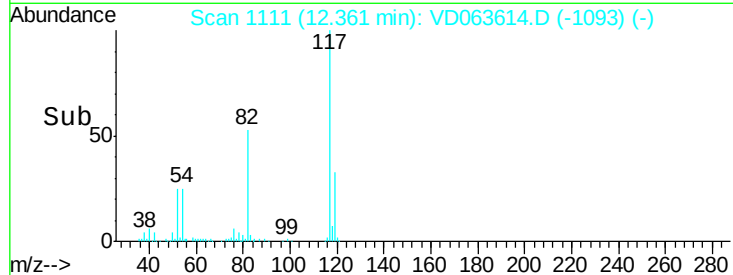
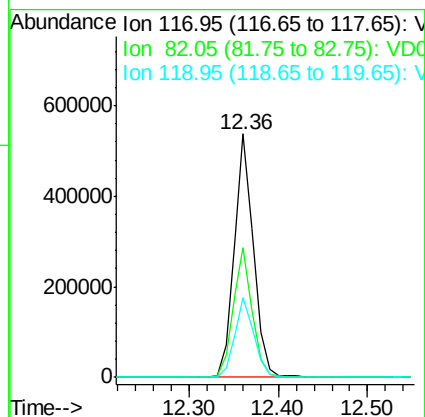
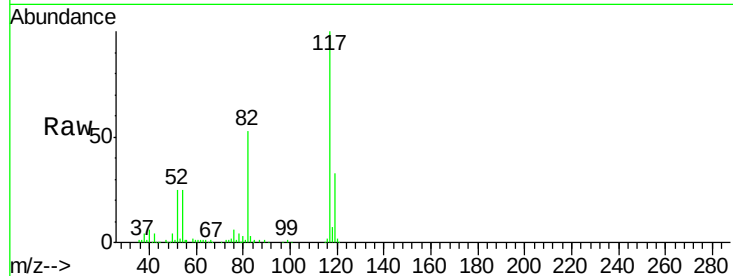




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063614.D
Acq: 15 Aug 2019 19:10

Instrument :
MSVOA_D
ClientSampleId :
TP-5

Tot Ion:117 Resp: 822318
Ion Ratio Lower Upper
117 100
82 53.1 42.0 63.0
119 32.8 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: VD063614.D
Acq: 15 Aug 2019 19:10

Tgt Ion:152 Resp: 293898
Ion Ratio Lower Upper
152 100
115 52.3 30.9 92.7
150 150.2 0.0 318.6

