

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
 Data File : VD063631.D
 Acq On : 16 Aug 2019 12:11
 Operator : JC/SY
 Sample : K4356-01RE
 Misc : 4.03g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Quant Time: Aug 17 06:41:48 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

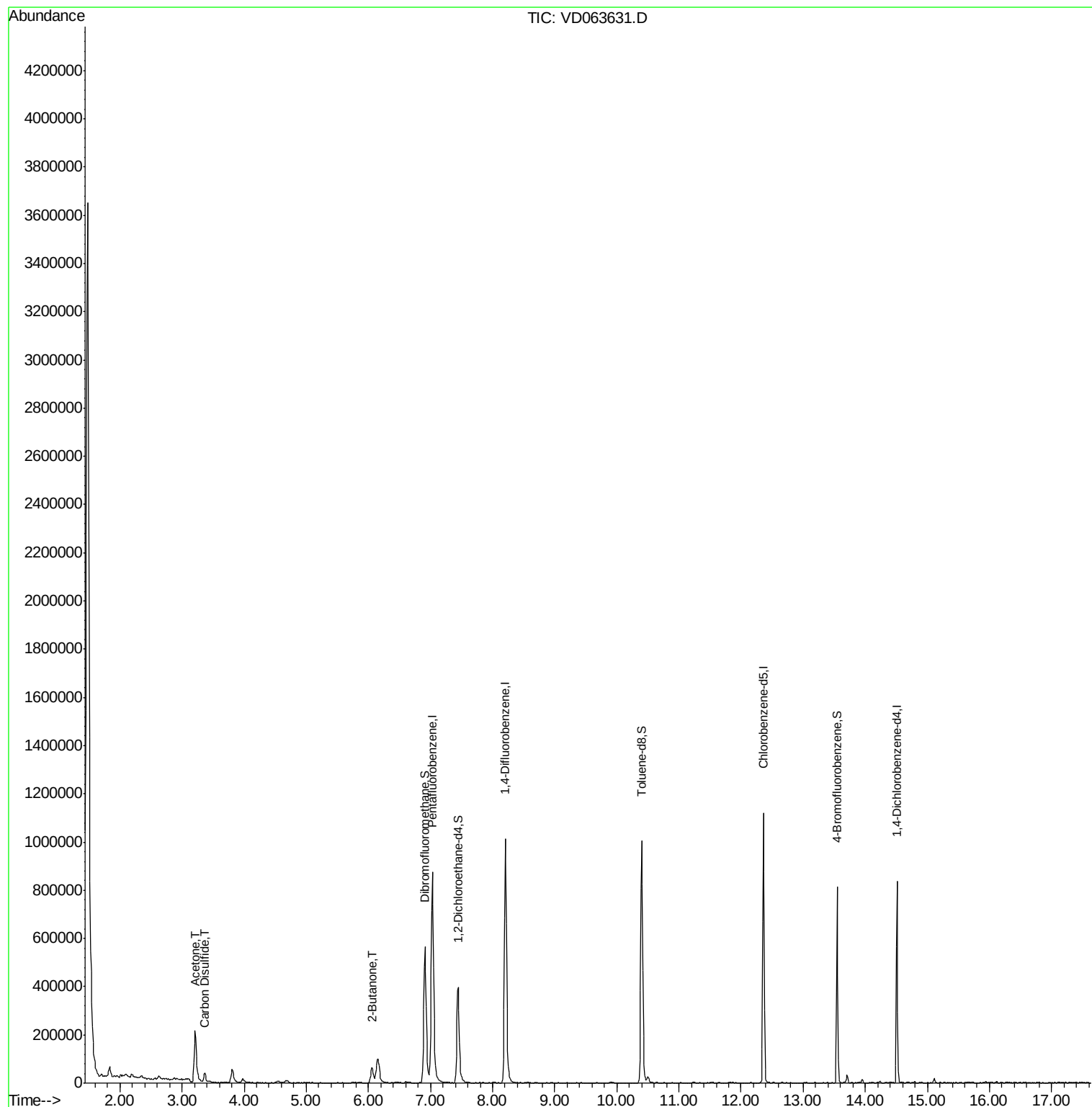
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	843800	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	1120705	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	636935	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	178424	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	458952	50.88	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.76%	
35) Dibromofluoromethane	6.91	113	506707	53.68	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.36%	
50) Toluene-d8	10.40	98	847652	40.85	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	81.70%	
62) 4-Bromofluorobenzene	13.55	95	210925	22.43	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	44.86%	
Target Compounds						
16) Acetone	3.21	43	414988	226.336	ug/l	98
17) Carbon Disulfide	3.37	76	67083	3.117	ug/l	96
25) 2-Butanone	6.06	43	142904	78.916	ug/l	99

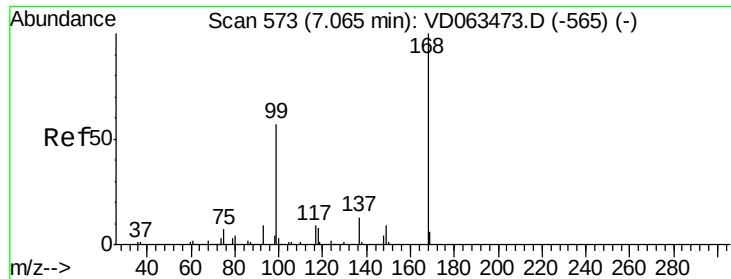
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081619\
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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.03 min

Lab File: VD063631.D

Acq: 16 Aug 2019 12:11

Instrument :

MSVOA_D

ClientSampleId :

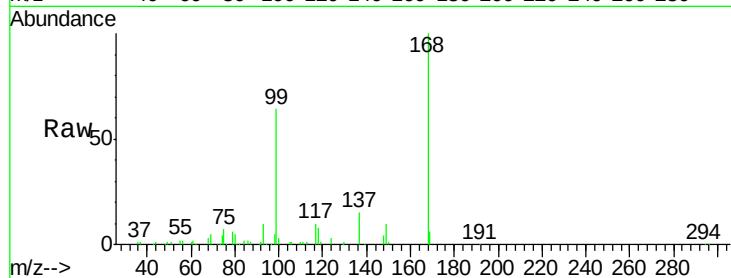
TP-1RE

Tot Ion:168 Resp: 843800

Ion Ratio Lower Upper

168 100

99 64.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

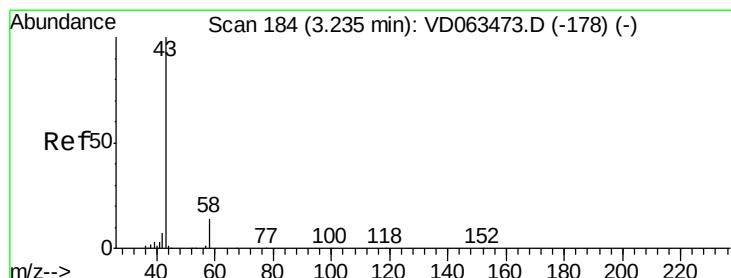
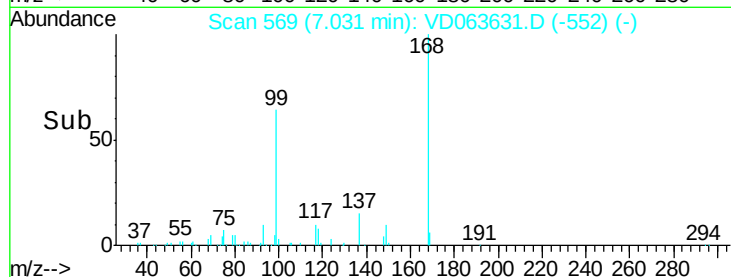
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 226.336 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063631.D

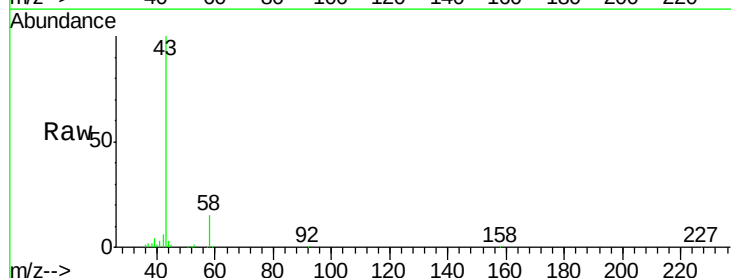
Acq: 16 Aug 2019 12:11

Tgt Ion: 43 Resp: 414988

Ion Ratio Lower Upper

43 100

58 15.3 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

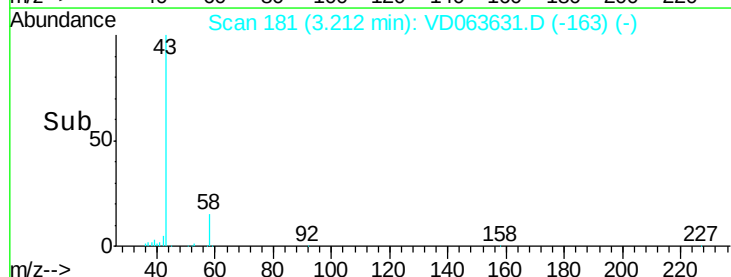
150000

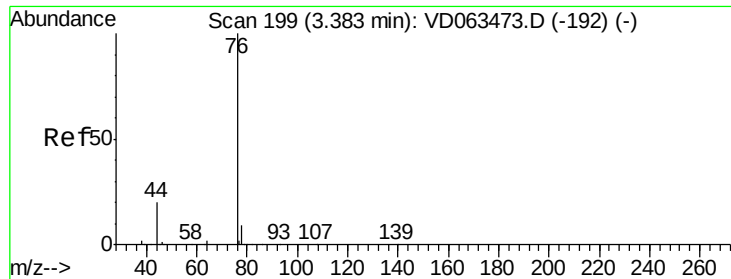
100000

50000

0

Time-->

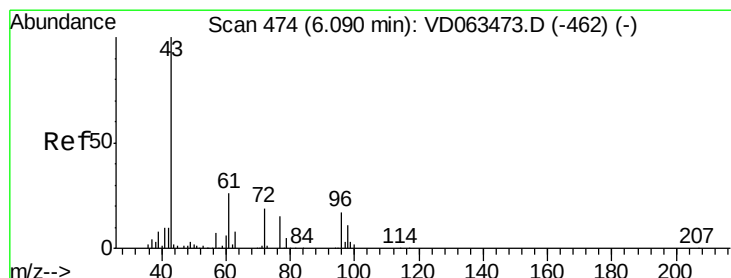
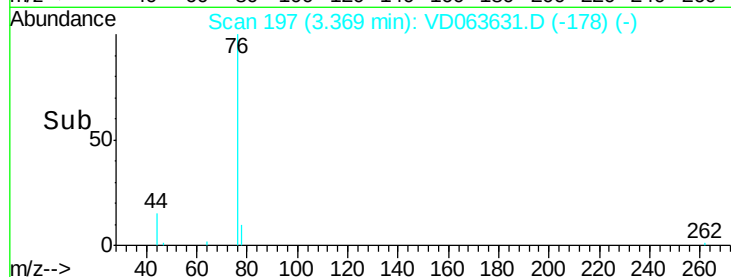
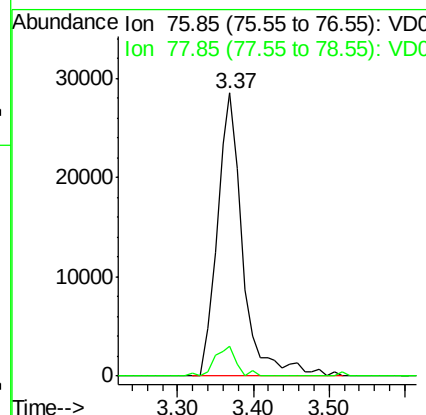
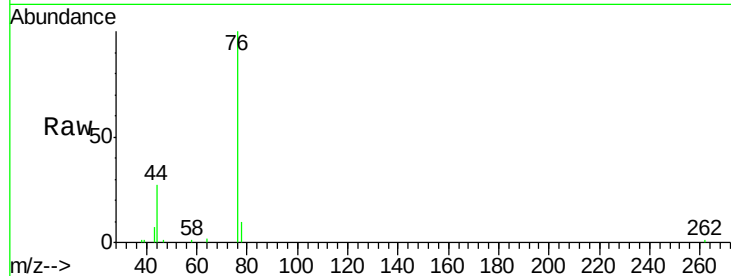




#17
Carbon Disulfide
Concen: 3.117 ug/l
RT: 3.37 min Scan# 197
Delta R.T. -0.01 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

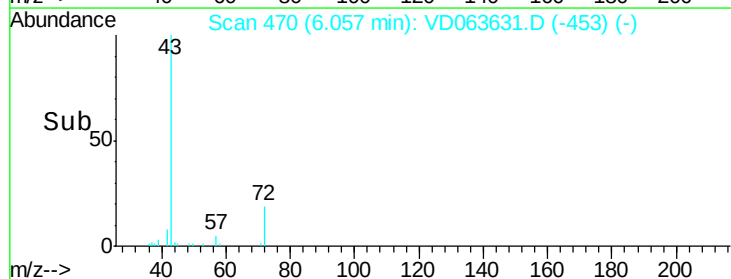
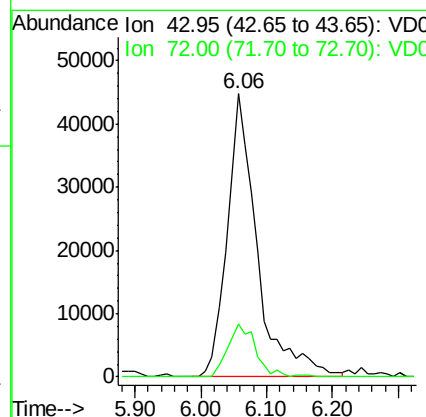
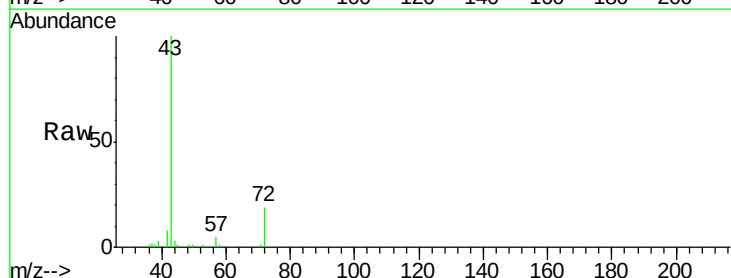
Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

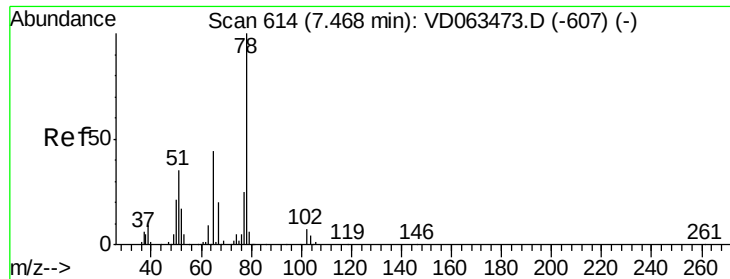
Tot Ion: 76 Resp: 67083
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0



#25
2-Butanone
Concen: 78.916 ug/l
RT: 6.06 min Scan# 470
Delta R.T. -0.03 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Tgt Ion: 43 Resp: 142904
Ion Ratio Lower Upper
43 100
72 18.7 15.1 22.7

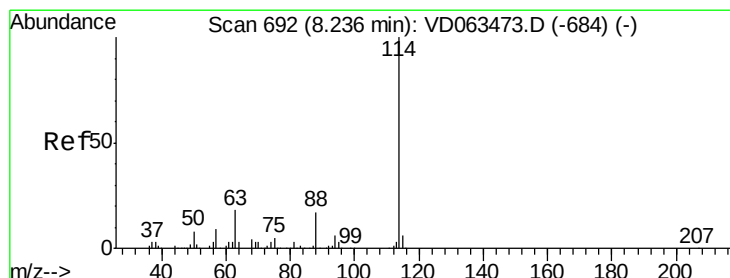
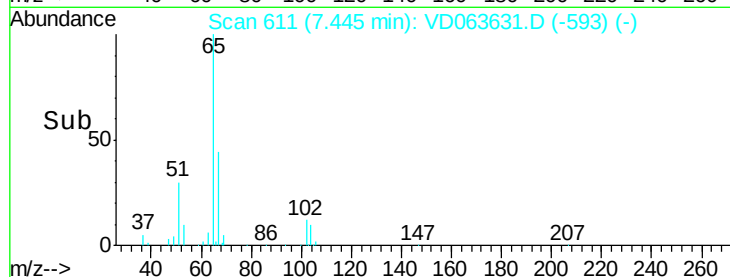
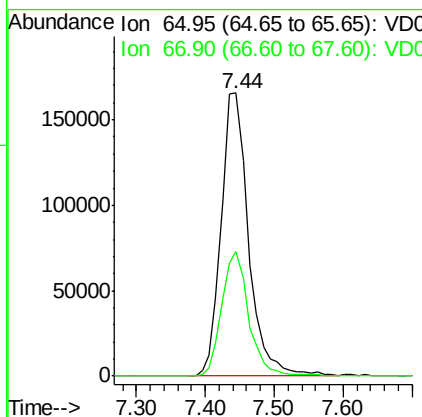
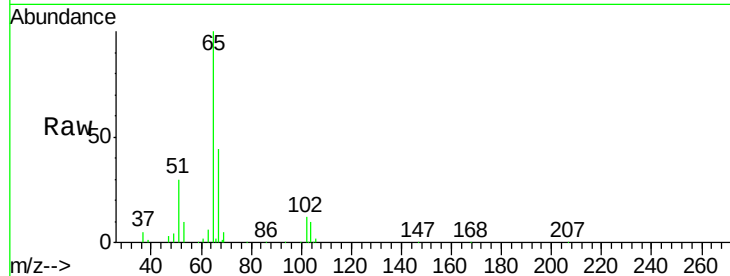




#33
 1,2-Dichloroethane-d4
 Concen: 50.884 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: VD063631.D
 Acq: 16 Aug 2019 12:11

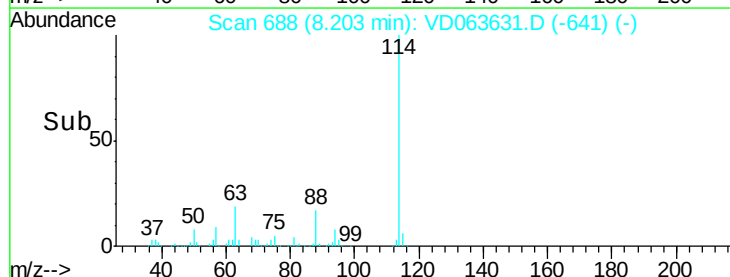
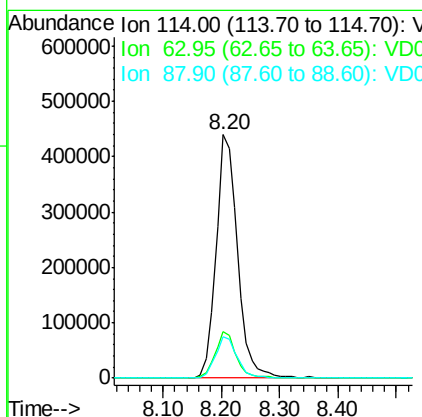
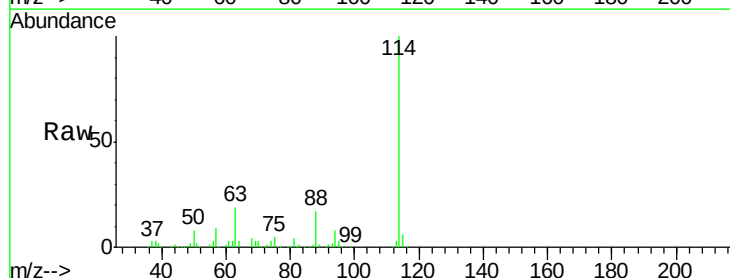
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

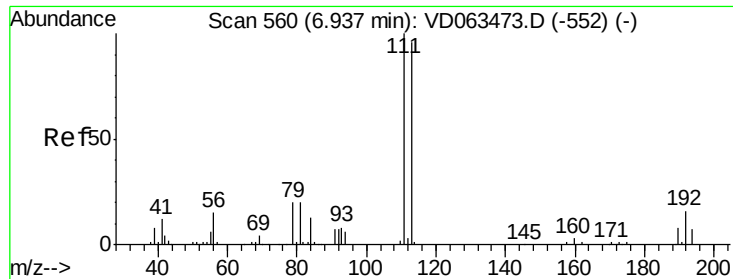
Tot Ion: 65 Resp: 458952
 Ion Ratio Lower Upper
 65 100
 67 44.1 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: VD063631.D
 Acq: 16 Aug 2019 12:11

Tgt Ion: 114 Resp: 1120705
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.2
 88 17.0 0.0 35.0

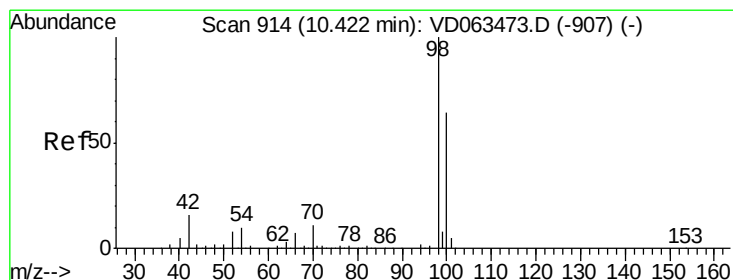
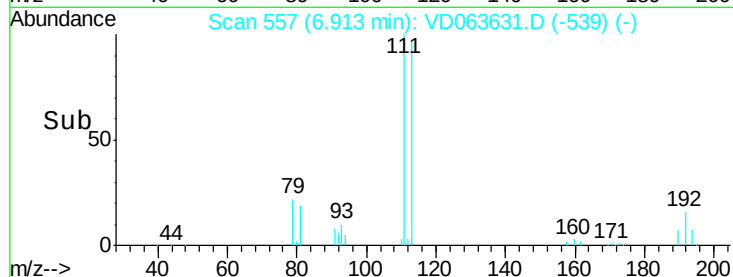
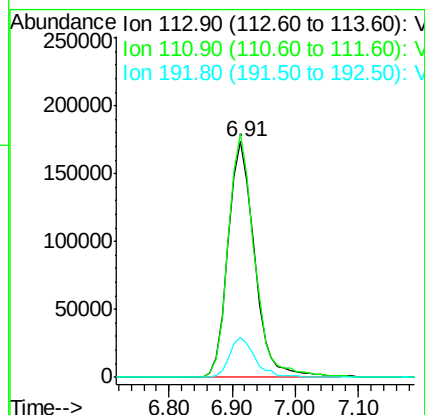
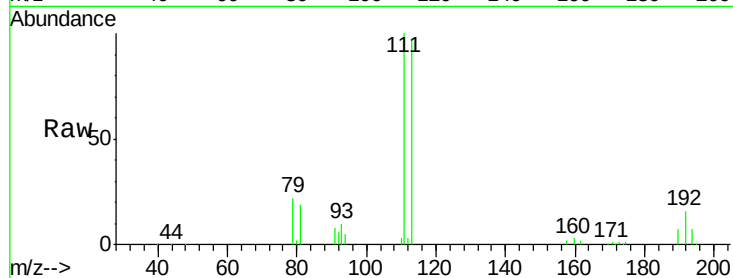




#35
 Dibromofluoromethane
 Concen: 53.684 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD063631.D
 Acq: 16 Aug 2019 12:11

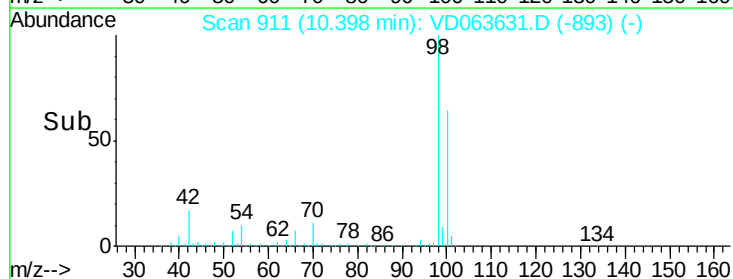
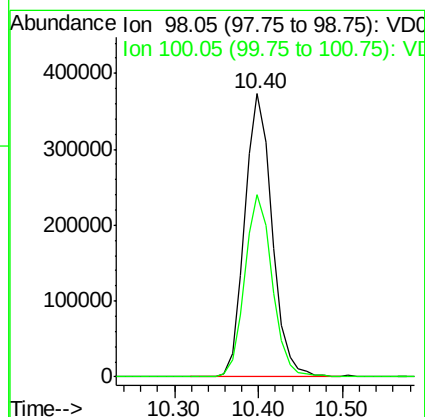
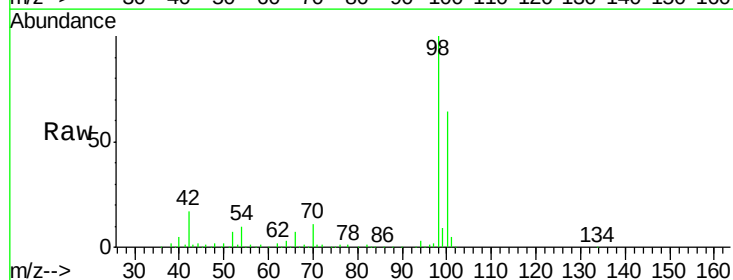
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

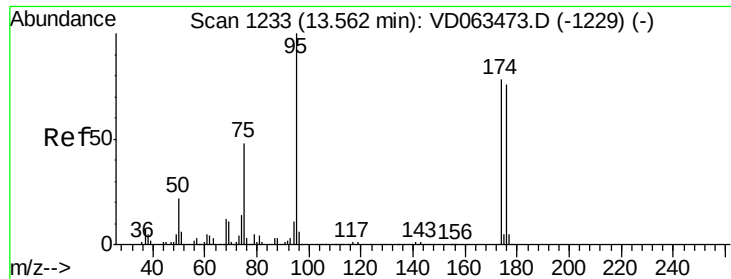
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.1	124.7
192	16.9	13.1	19.7



#50
 Toluene-d8
 Concen: 40.848 ug/l
 RT: 10.40 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: VD063631.D
 Acq: 16 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 22.426 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063631.D

Acq: 16 Aug 2019 12:11

Instrument :

MSVOA_D

ClientSampleId :

TP-1RE

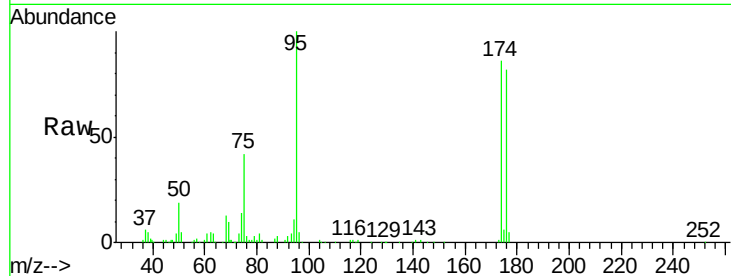
Tot Ion: 95 Resp: 210925

Ion Ratio Lower Upper

95 100

174 86.2 0.0 155.4

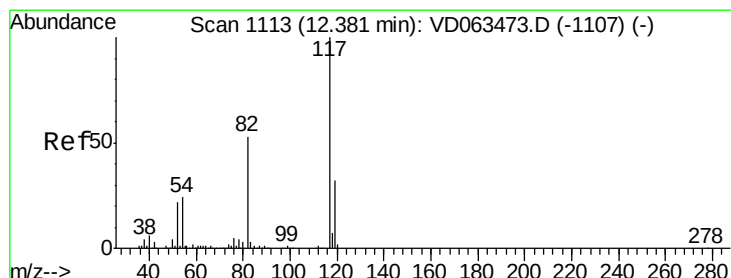
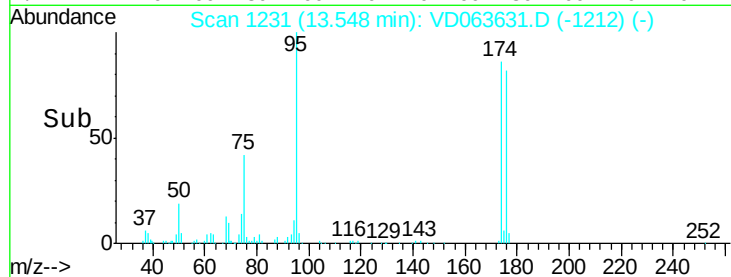
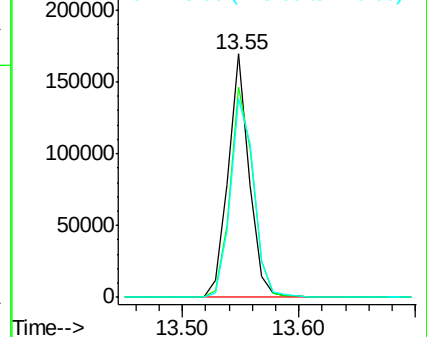
176 81.7 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VD

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# 1110

Delta R.T. -0.02 min

Lab File: VD063631.D

Acq: 16 Aug 2019 12:11

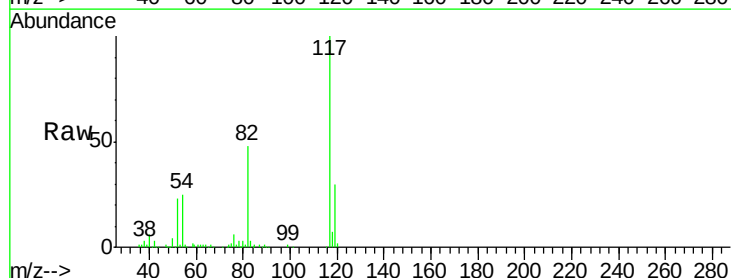
Tgt Ion: 117 Resp: 636935

Ion Ratio Lower Upper

117 100

82 47.6 42.0 63.0

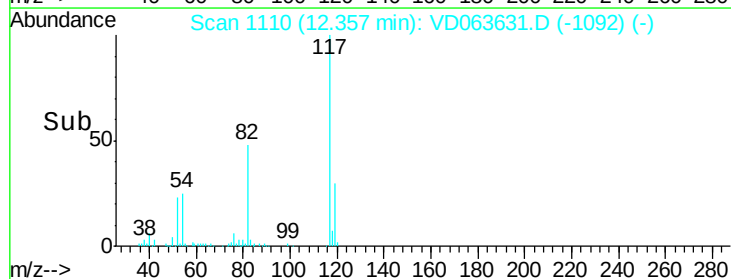
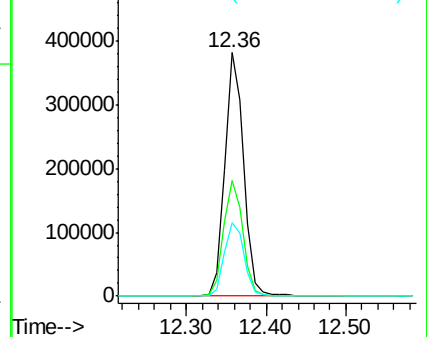
119 30.4 25.4 38.0

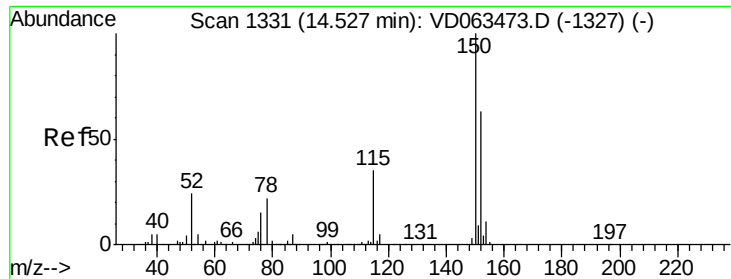


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): VD

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: VD063631.D

Acq: 16 Aug 2019 12:11

Instrument :

MSVOA_D

ClientSampleId :

TP-1RE

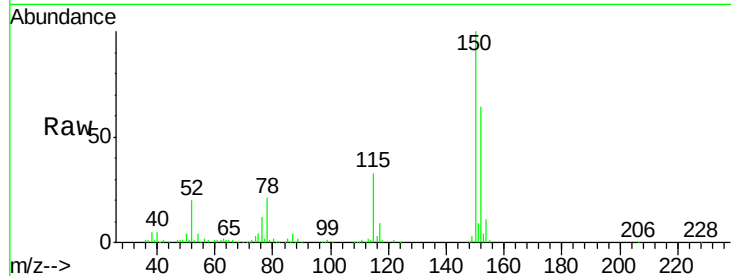
Tot Ion:152 Resp: 178424

Ion Ratio Lower Upper

152 100

115 50.9 30.9 92.7

150 155.3 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

