

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081519\
 Data File : VD063608.D
 Acq On : 15 Aug 2019 16:27
 Operator : JC/SY
 Sample : K4245-04
 Misc : 5.98g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-26

Quant Time: Aug 15 16:53:37 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

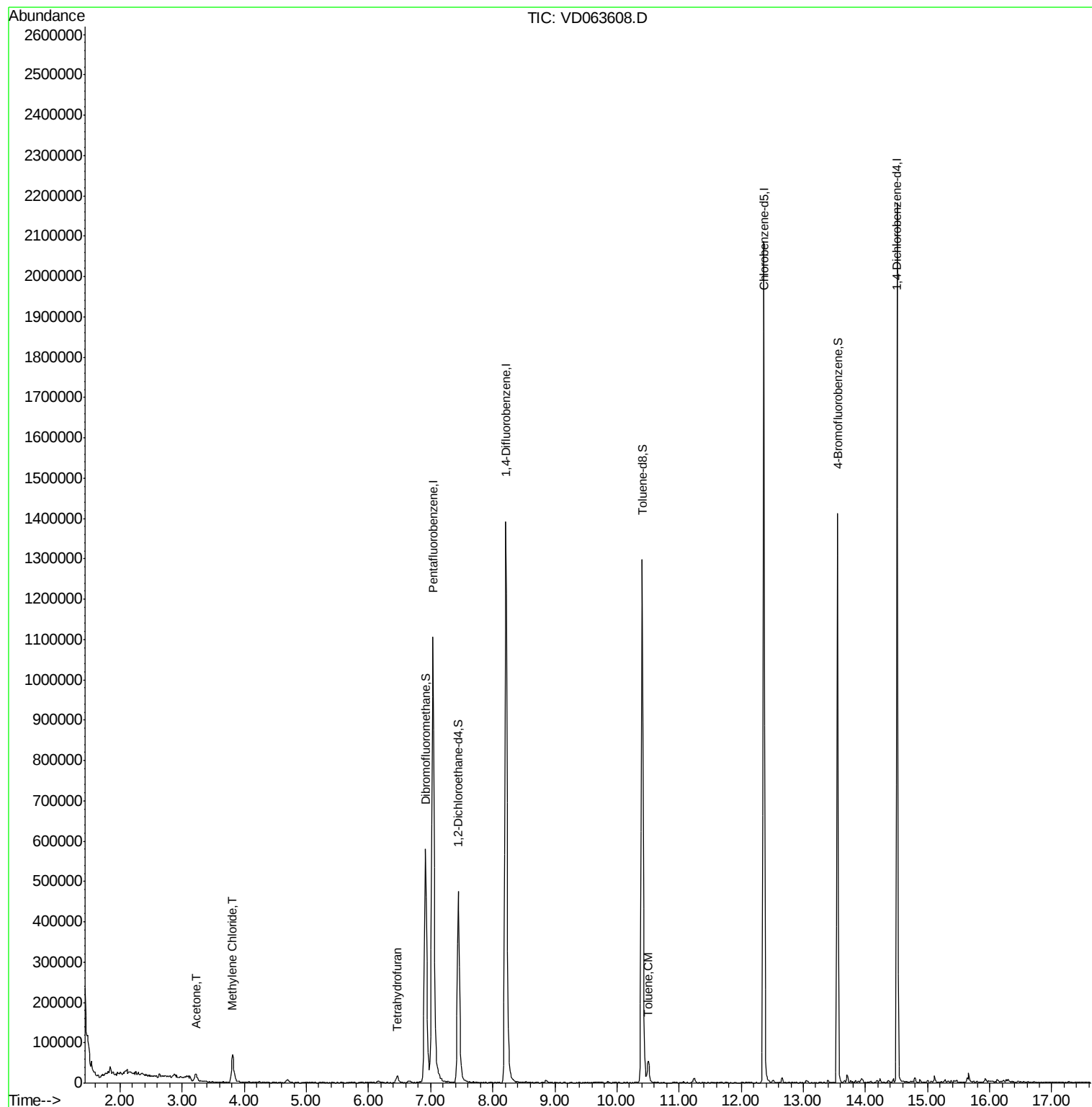
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1072426	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1532413	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1191334	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	473994	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	514997	44.93	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	89.86%	
35) Dibromofluoromethane	6.92	113	518205	40.15	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	80.30%	
50) Toluene-d8	10.41	98	1080973	38.10	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	76.20%	
62) 4-Bromofluorobenzene	13.56	95	430490	33.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.94%	
Target Compounds						
16) Acetone	3.22	43	44485	19.090	ug/l #	81
20) Methylene Chloride	3.81	84	42650	4.233	ug/l #	93
29) Tetrahydrofuran	6.47	42	13160	12.271	ug/l	97
52) Toluene	10.50	92	25829	1.345	ug/l	83

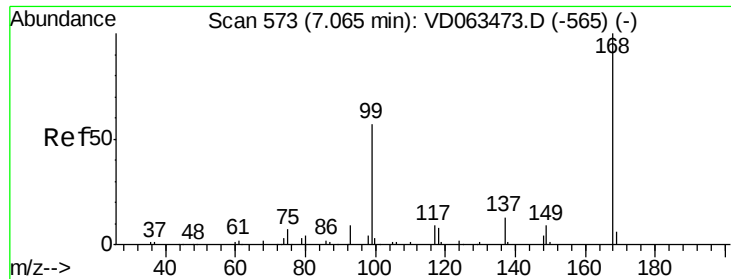
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081519\
Data File : VD063608.D
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Quant Time: Aug 15 16:53:37 2019
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: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063608.D

Acq: 15 Aug 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

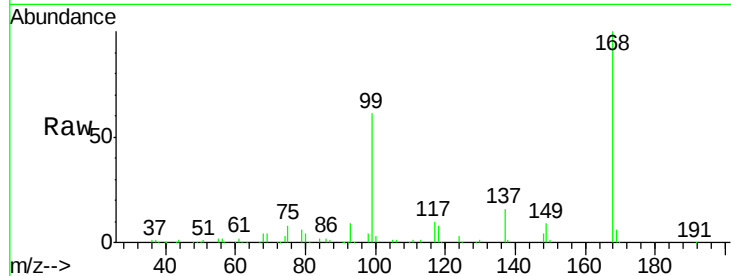
VOC-26

Tot Ion:168 Resp: 1072426

Ion Ratio Lower Upper

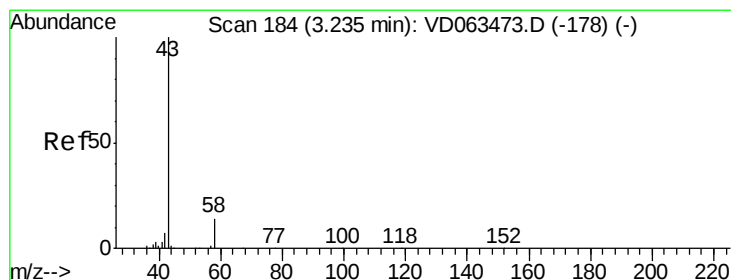
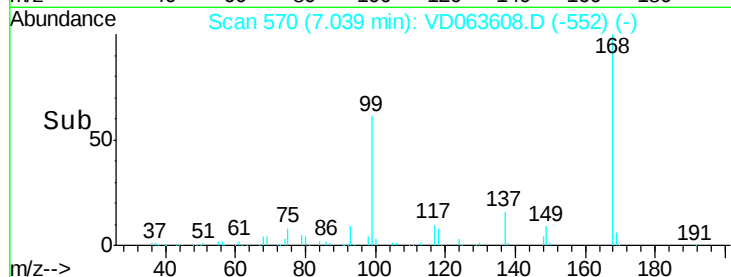
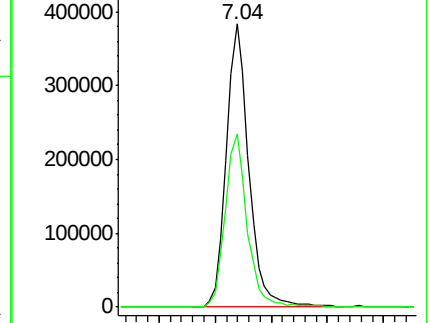
168 100

99 61.4 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: 19.090 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063608.D

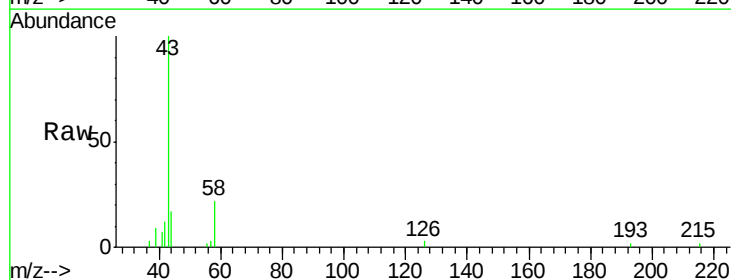
Acq: 15 Aug 2019 16:27

Tgt Ion: 43 Resp: 44485

Ion Ratio Lower Upper

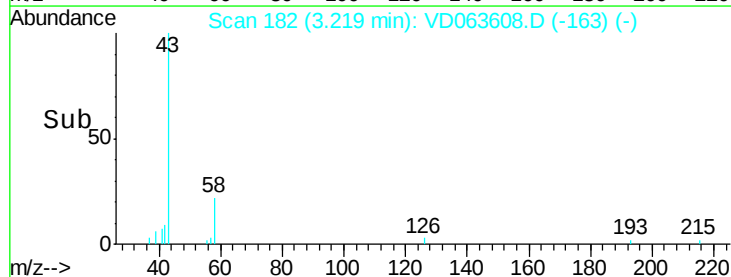
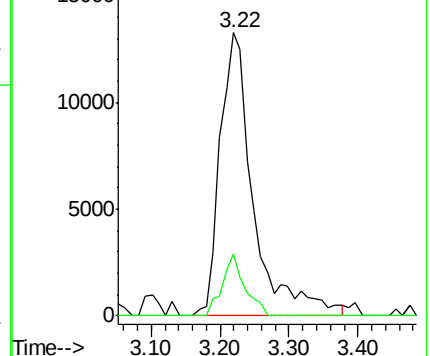
43 100

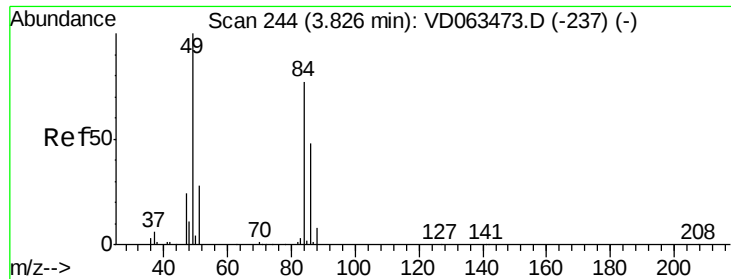
58 22.1 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

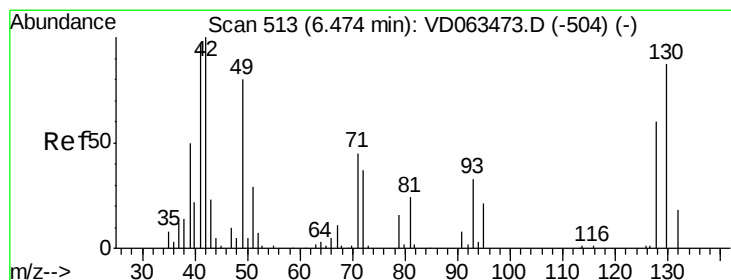
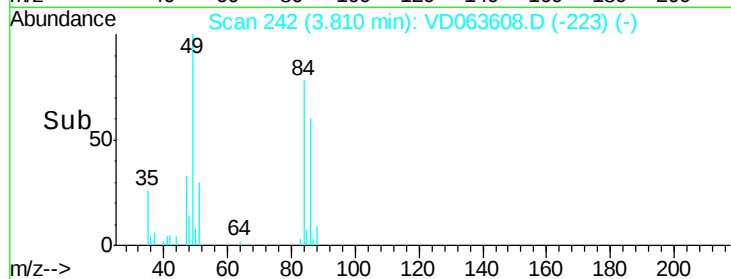
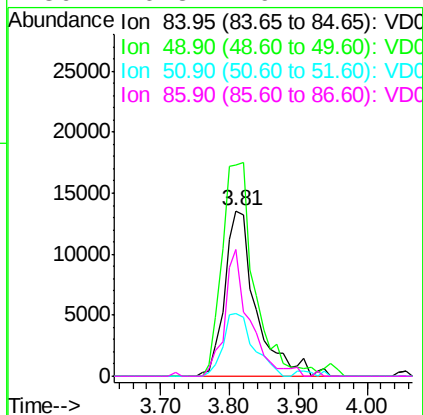
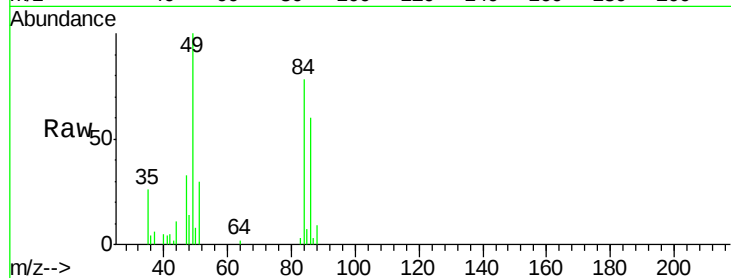




#20
Methylene Chloride
Concen: 4.233 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063608.D
Acq: 15 Aug 2019 16:27

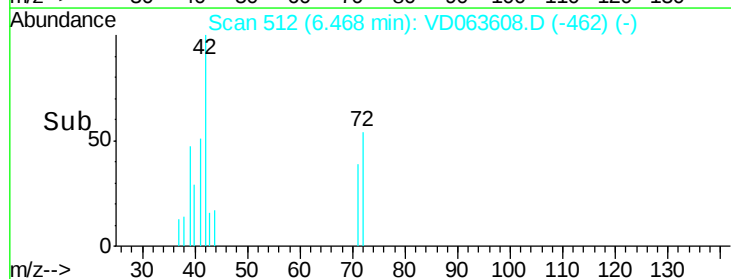
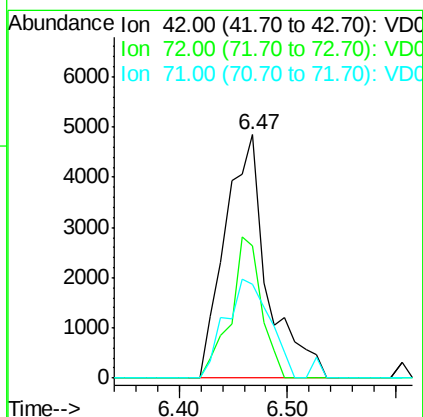
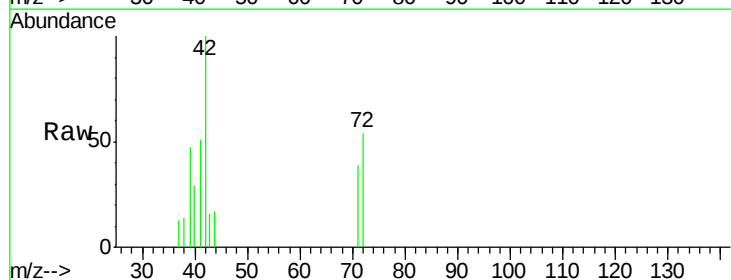
Instrument :
MSVOA_D
ClientSampled :
VOC-26

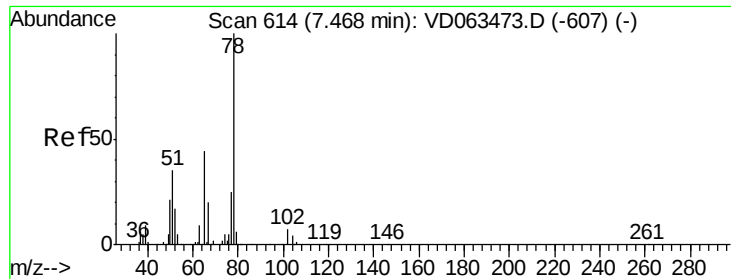
Tot Ion: 84 Resp: 42650
Ion Ratio Lower Upper
84 100
49 127.6 103.4 155.2
51 37.7 28.5 42.7
86 76.3 49.4 74.2#



#29
Tetrahydrofuran
Concen: 12.271 ug/l
RT: 6.47 min Scan# 512
Delta R.T. -0.01 min
Lab File: VD063608.D
Acq: 15 Aug 2019 16:27

Tgt Ion: 42 Resp: 13160
Ion Ratio Lower Upper
42 100
72 42.1 31.5 47.3
71 43.0 33.8 50.8

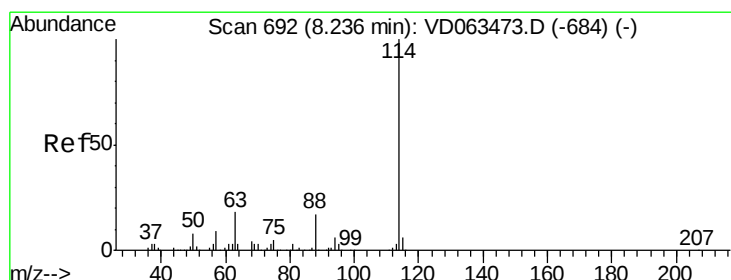
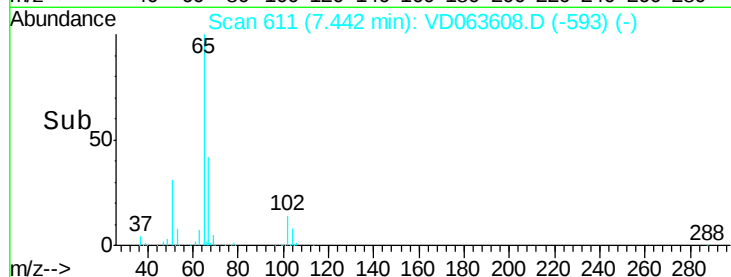
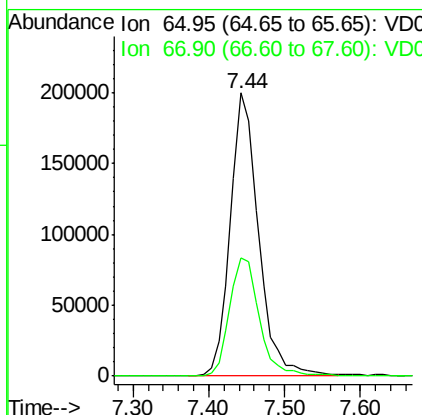
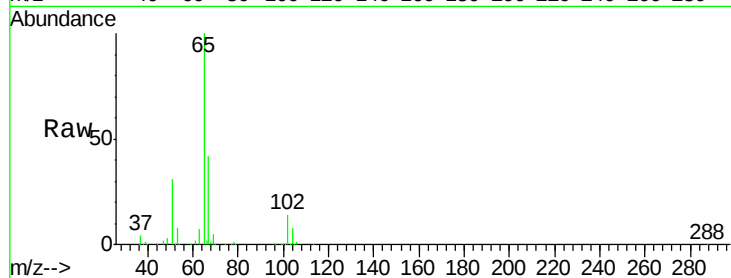




#33
 1,2-Dichloroethane-d4
 Concen: 44.925 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: VD063608.D
 Acq: 15 Aug 2019 16:27

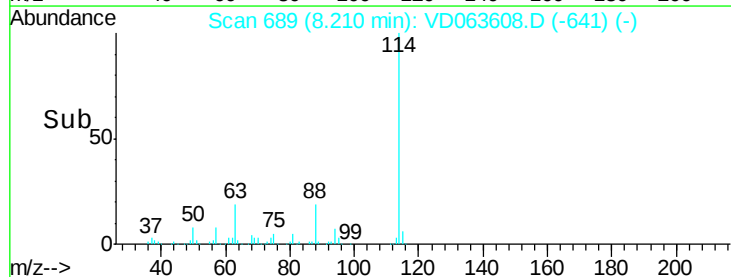
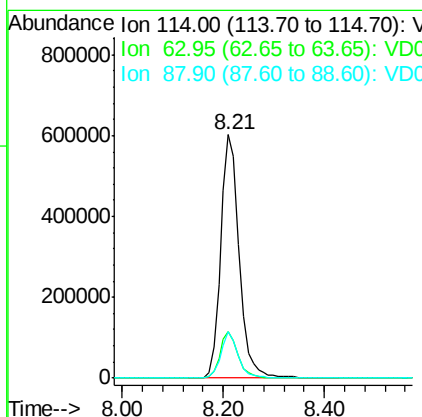
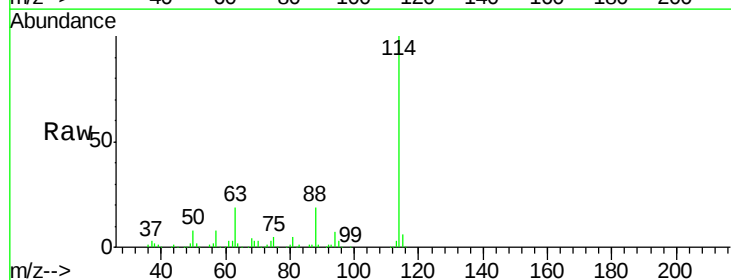
Instrument :
 MSVOA_D
 ClientSampleID :
 VOC-26

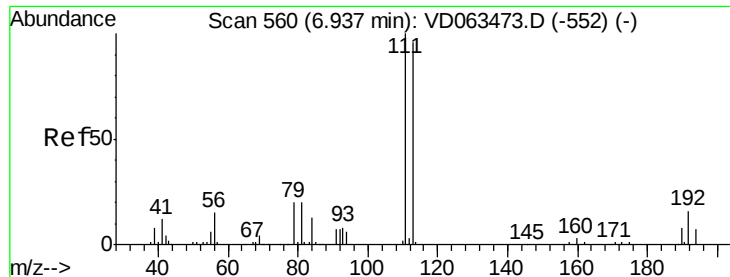
Tot Ion: 65 Resp: 514997
 Ion Ratio Lower Upper
 65 100
 67 41.7 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: VD063608.D
 Acq: 15 Aug 2019 16:27

Tgt Ion: 114 Resp: 1532413
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.2
 88 18.9 0.0 35.0





#35

Dibromofluoromethane

Concen: 40.152 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063608.D

Acq: 15 Aug 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

VOC-26

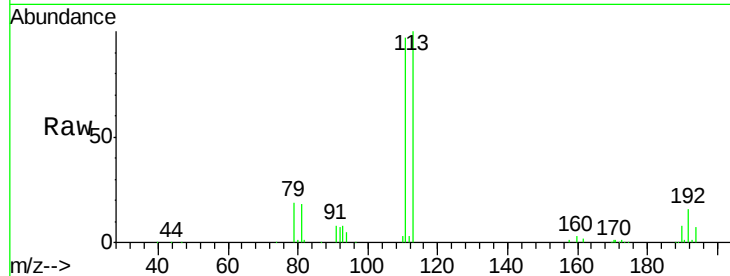
Tot Ion:113 Resp: 518205

Ion Ratio Lower Upper

113 100

111 97.4 83.1 124.7

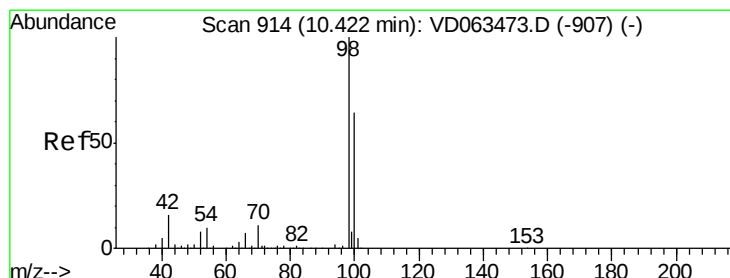
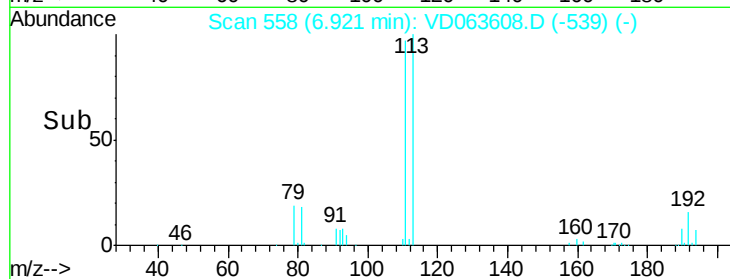
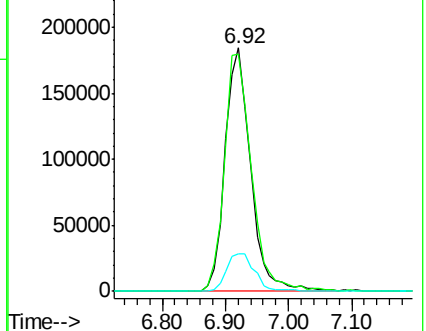
192 15.5 13.1 19.7



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: 38.096 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063608.D

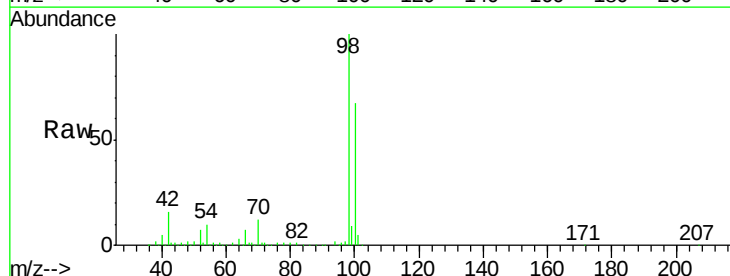
Acq: 15 Aug 2019 16:27

Tgt Ion: 98 Resp: 1080973

Ion Ratio Lower Upper

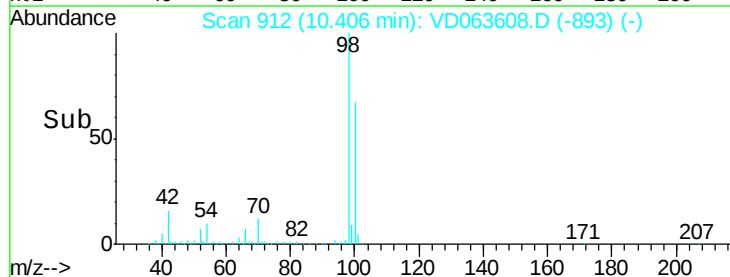
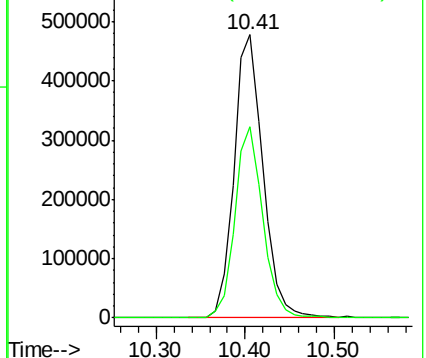
98 100

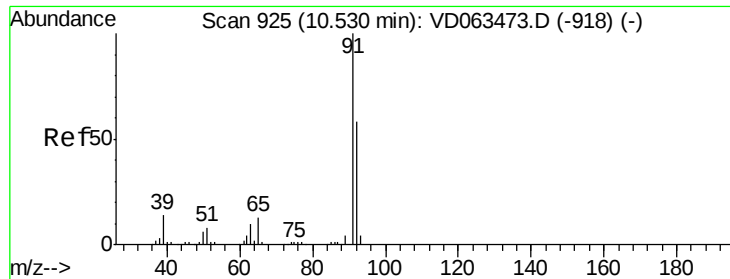
100 67.4 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.345 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.03 min

Lab File: VD063608.D

Acq: 15 Aug 2019 16:27

Instrument :

MSVOA_D

ClientSampled :

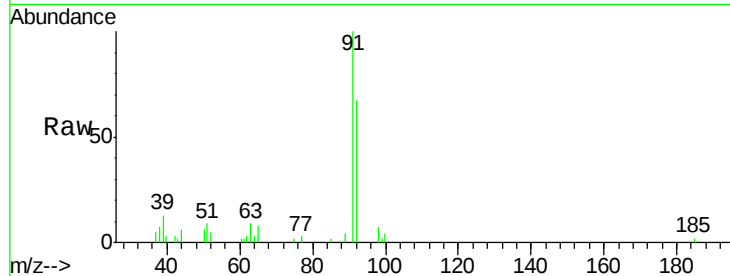
VOC-26

Tot Ion: 92 Resp: 25829

Ion Ratio Lower Upper

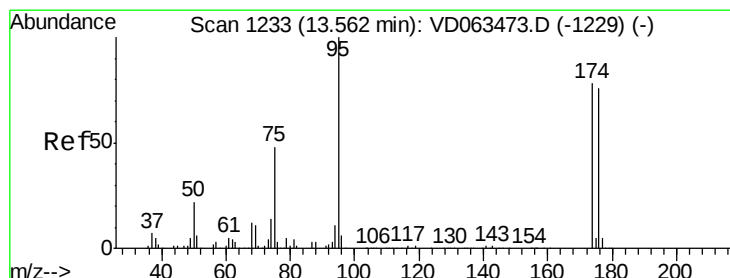
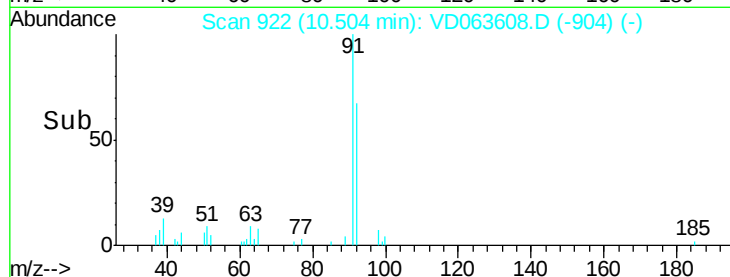
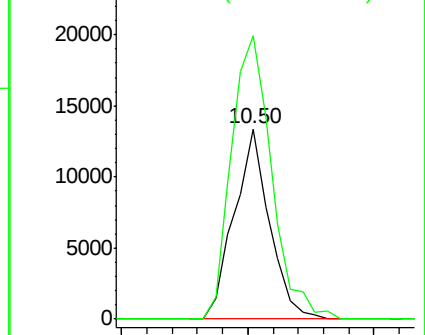
92 100

91 149.0 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 33.474 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063608.D

Acq: 15 Aug 2019 16:27

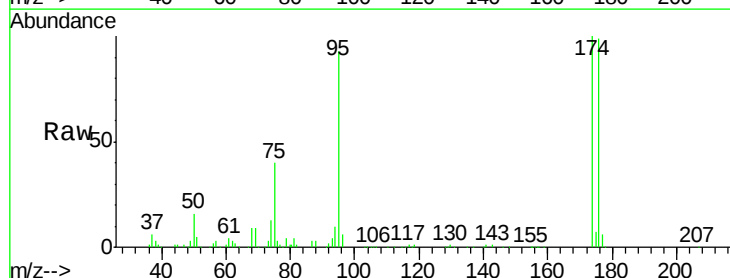
Tgt Ion: 95 Resp: 430490

Ion Ratio Lower Upper

95 100

174 107.6 0.0 155.4

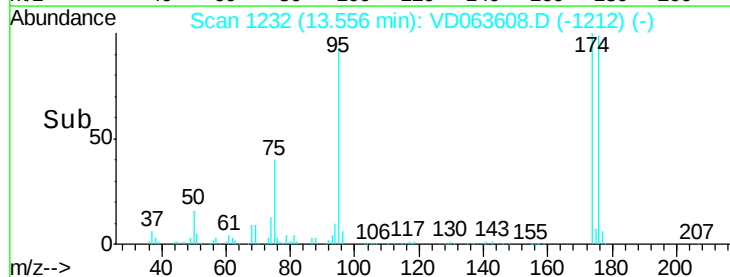
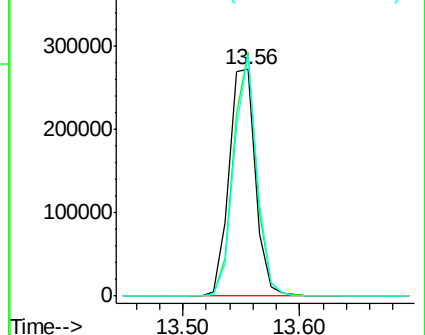
176 106.2 0.0 152.4

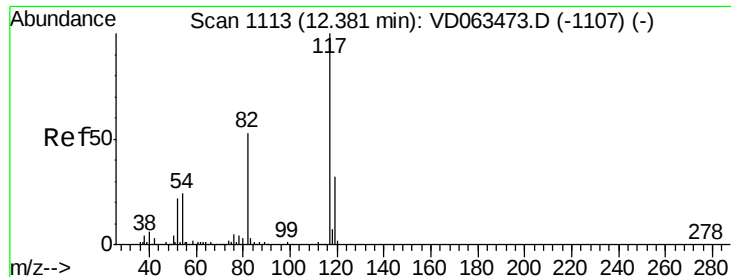


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

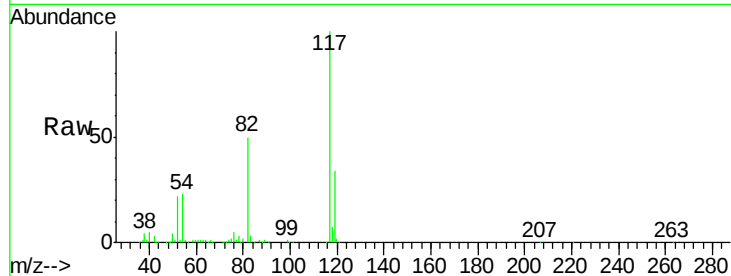




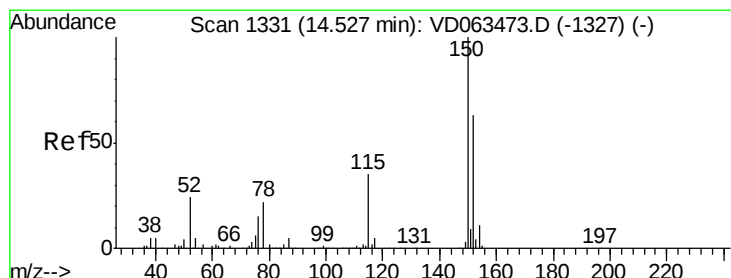
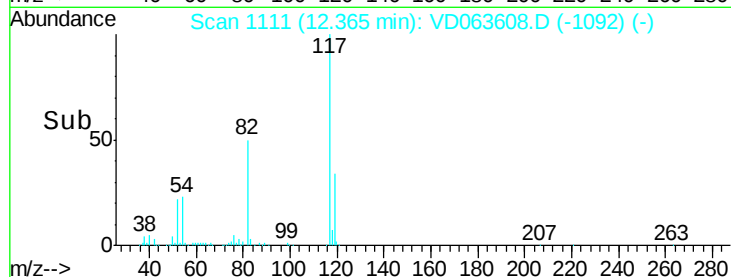
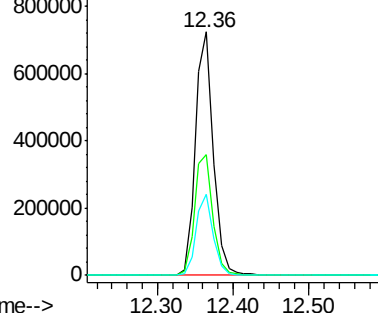
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063608.D
Acq: 15 Aug 2019 16:27

Instrument :
MSVOA_D
ClientSampleId :
VOC-26

Tot Ion:117 Resp: 1191334
Ion Ratio Lower Upper
117 100
82 49.8 42.0 63.0
119 33.5 25.4 38.0

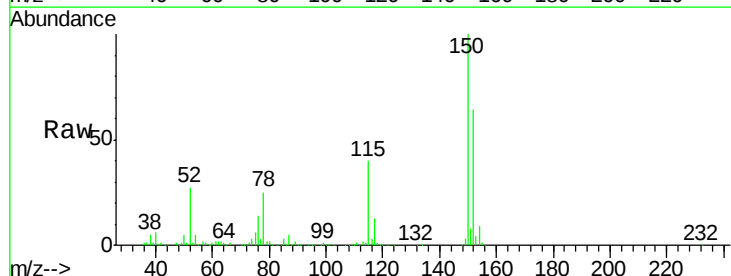


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD063608.D
Acq: 15 Aug 2019 16:27

Tgt Ion:152 Resp: 473994
Ion Ratio Lower Upper
152 100
115 62.3 30.9 92.7
150 157.1 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

