

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
 Data File : VD061257.D
 Acq On : 22 Mar 2019 13:33
 Operator : VA/AP
 Sample : K1688-39RE
 Misc : 5.74g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-031919-JRE

Quant Time: Mar 22 16:40:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

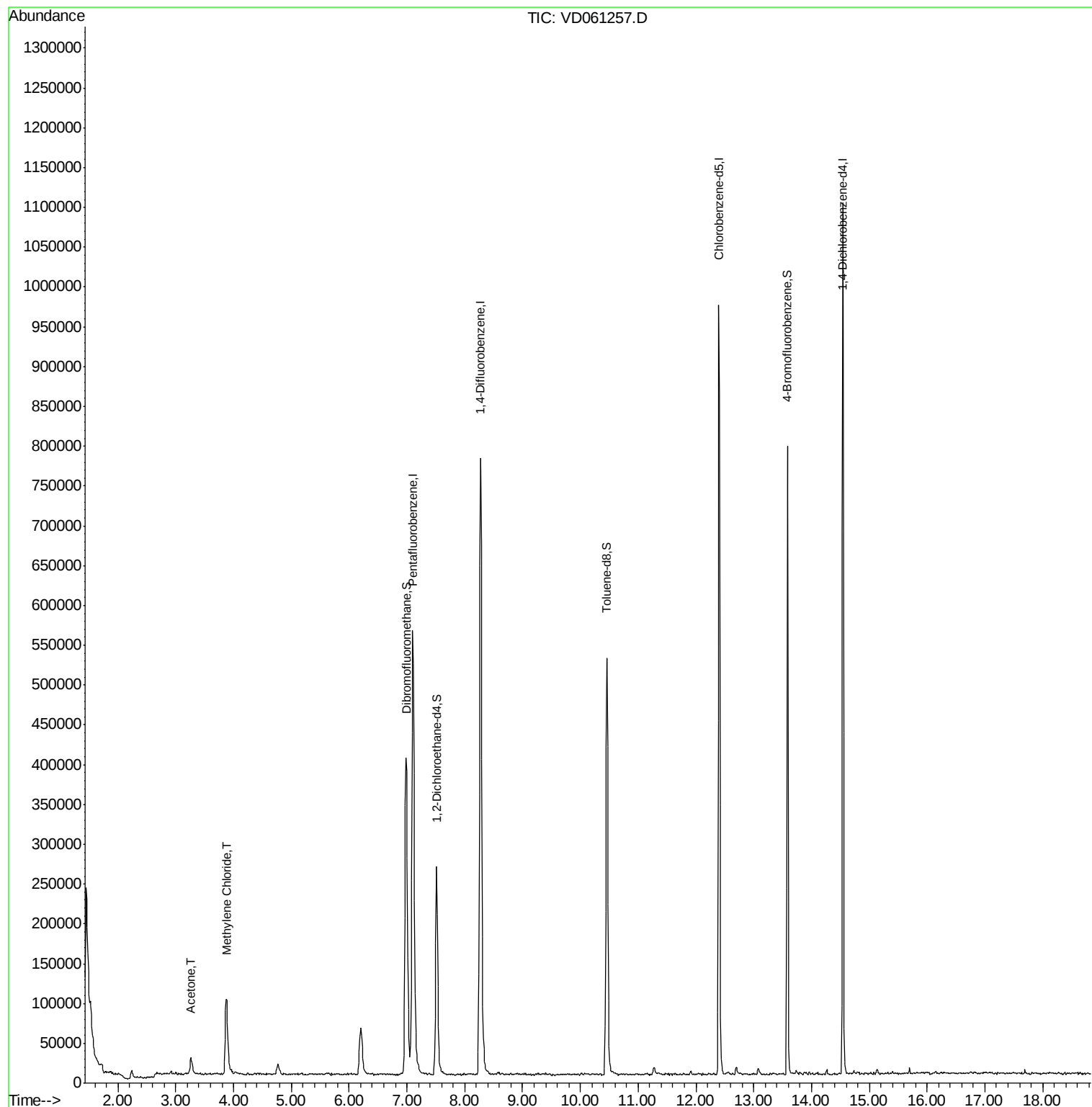
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.10	168	575228	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.27	114	980361	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.40	117	631224	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	14.54	152	254558	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.51	65	256597	53.59	ug/l	0.07
Spiked Amount 50.000			Recovery	=	107.18%	
35) Dibromofluoromethane	6.98	113	402860	55.37	ug/l	0.06
Spiked Amount 50.000			Recovery	=	110.74%	
50) Toluene-d8	10.46	98	464186	25.41	ug/l	0.06
Spiked Amount 50.000			Recovery	=	50.82%	
62) 4-Bromofluorobenzene	13.58	95	269323	37.99	ug/l	0.03
Spiked Amount 50.000			Recovery	=	75.98%	
Target Compounds						
16) Acetone	3.26	43	44112	32.217	ug/l	97
20) Methylene Chloride	3.87	84	79099	8.830	ug/l	94

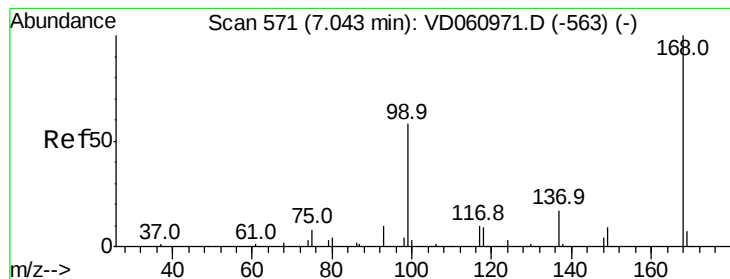
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.10 min Scan# 577

Delta R.T. 0.06 min

Lab File: VD061257.D

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MSVOA_D

ClientSampleId :

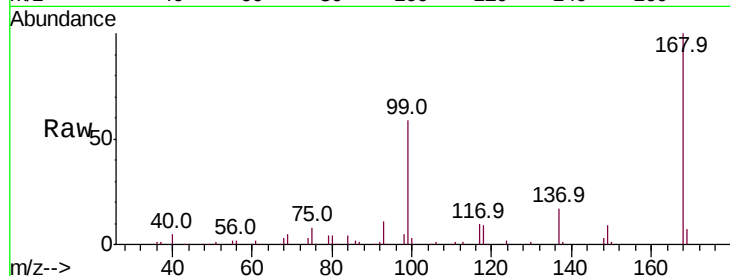
JC-02-031919-JRE

Tot Ion:168 Resp: 575228

Ion Ratio Lower Upper

168 100

99 59.0 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.10

200000

150000

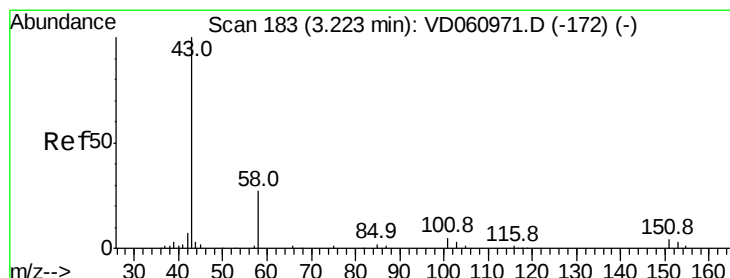
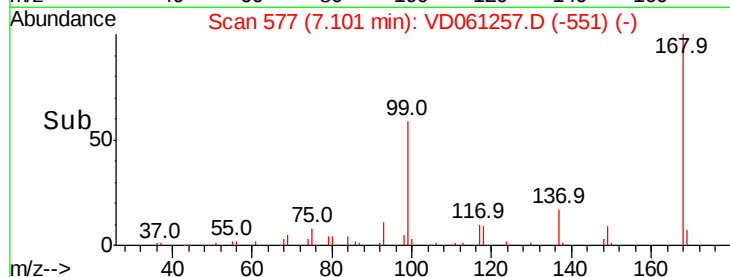
100000

50000

0

Time-->

7.00 7.10 7.20



#16

Acetone

Concen: 32.217 ug/l

RT: 3.26 min Scan# 187

Delta R.T. 0.04 min

Lab File: VD061257.D

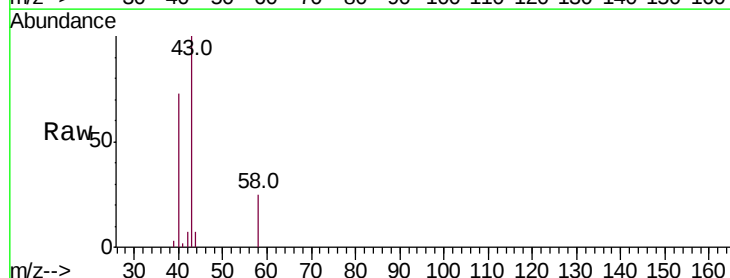
Acq: 22 Mar 2019 13:33

Tgt Ion: 43 Resp: 44112

Ion Ratio Lower Upper

43 100

58 25.3 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.26

15000

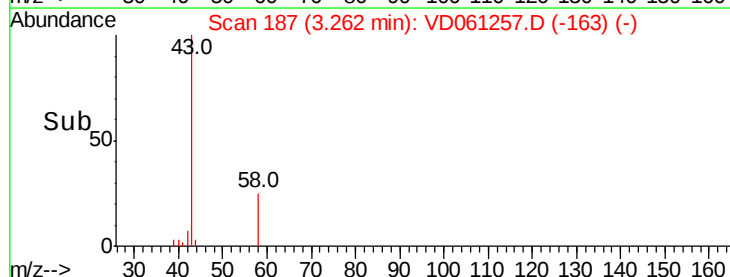
10000

5000

0

Time-->

3.20 3.30 3.40

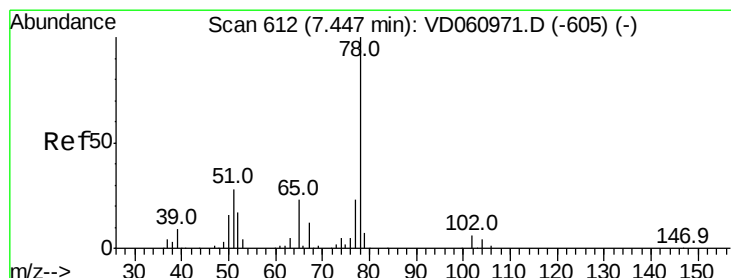
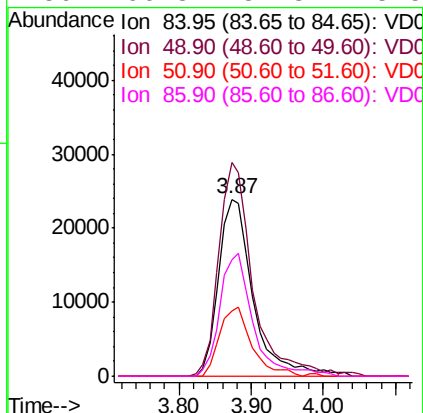
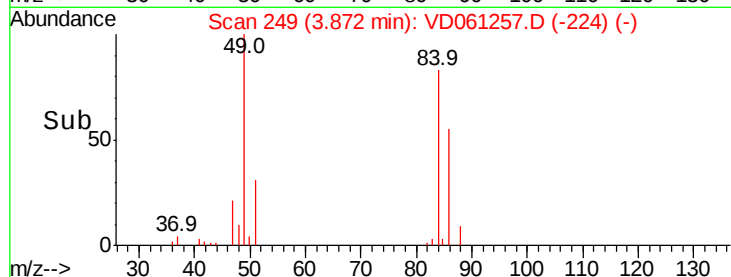
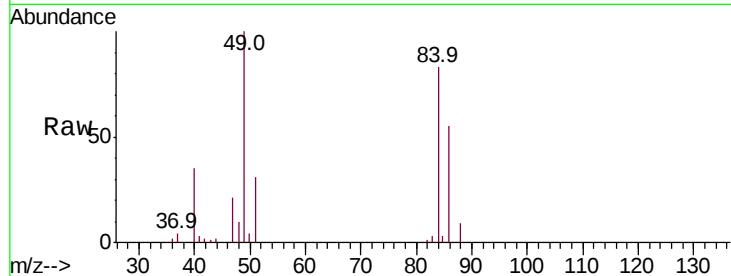




#20
Methylene Chloride
Concen: 8.830 ug/l
RT: 3.87 min Scan# 249
Delta R.T. 0.05 min
Lab File: VD061257.D
Acq: 22 Mar 2019 13:33

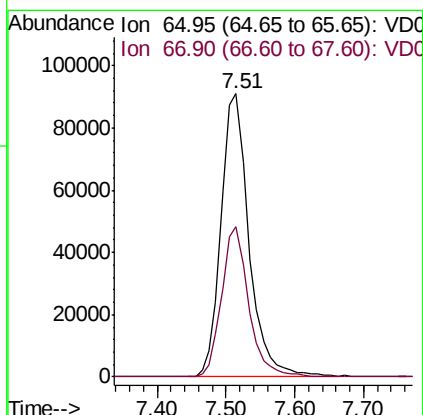
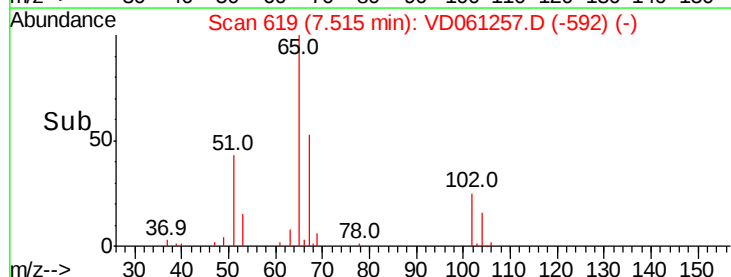
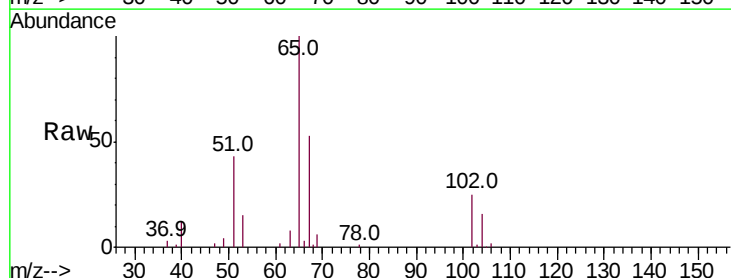
Instrument :
MSVOA_D
ClientSampleId :
JC-02-031919-JRE

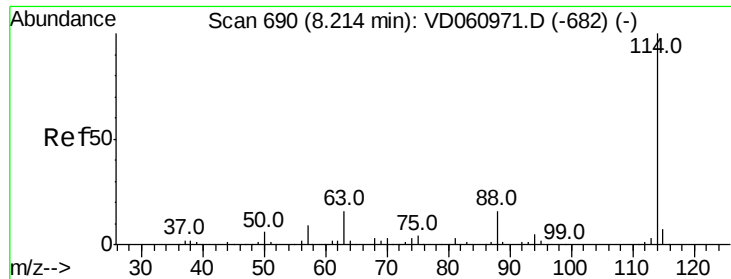
Tot Ion: 84 Resp: 79099
Ion Ratio Lower Upper
84 100
49 120.9 104.2 156.2
51 37.2 32.3 48.5
86 66.3 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.51 min Scan# 619
Delta R.T. 0.07 min
Lab File: VD061257.D
Acq: 22 Mar 2019 13:33

Tgt Ion: 65 Resp: 256597
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.2

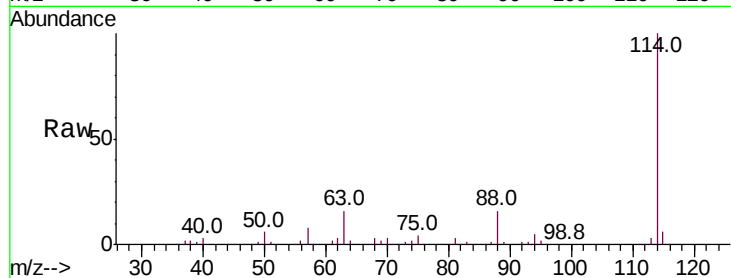




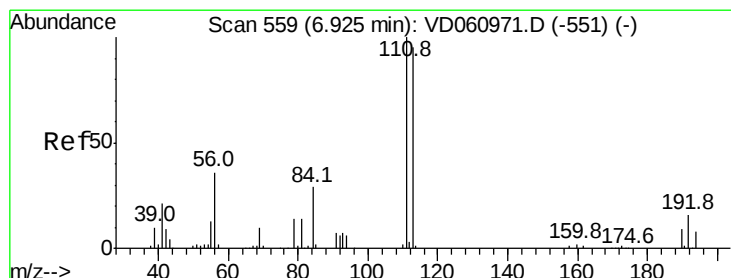
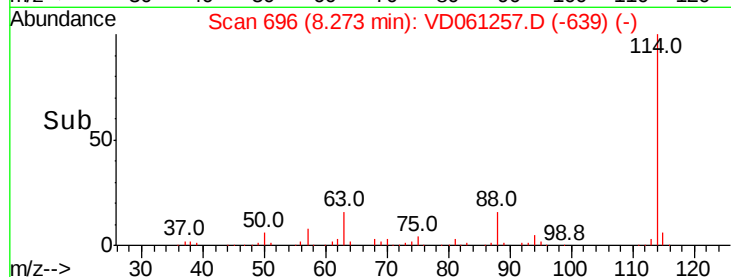
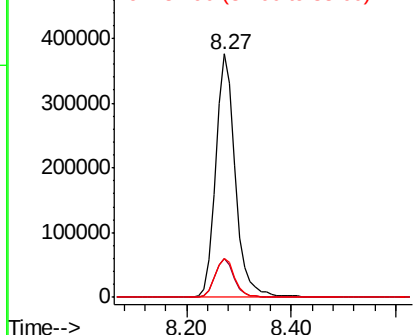
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.27 min Scan# 696
 Delta R.T. 0.06 min
 Lab File: VD061257.D
 Acq: 22 Mar 2019 13:33

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-031919-JRE

Tot Ion:114 Resp: 980361
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 31.4
 88 16.1 0.0 33.0

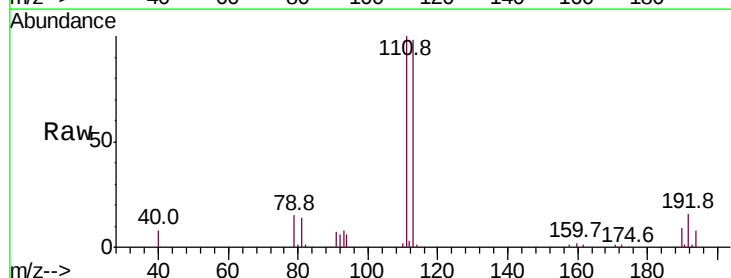


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

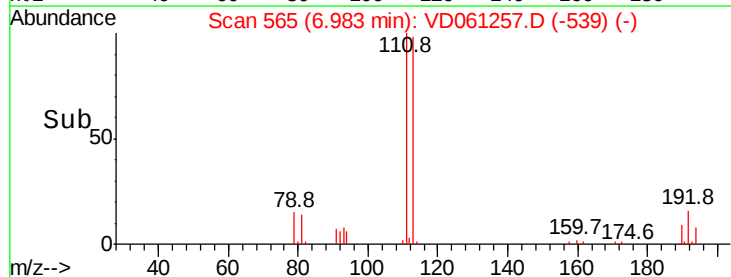
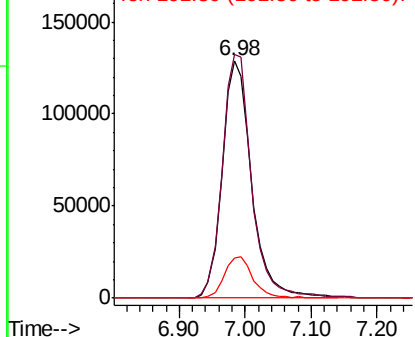


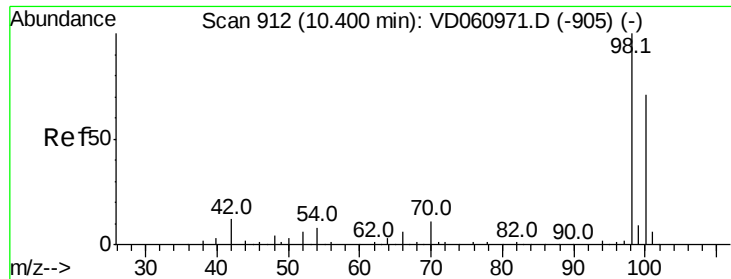
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.98 min Scan# 565
 Delta R.T. 0.06 min
 Lab File: VD061257.D
 Acq: 22 Mar 2019 13:33

Tgt Ion:113 Resp: 402860
 Ion Ratio Lower Upper
 113 100
 111 102.4 84.2 126.4
 192 16.7 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: N.D. ug/l

RT: 10.46 min Scan# 918

Delta R.T. 0.06 min

Lab File: VD061257.D

Acq: 22 Mar 2019 13:33

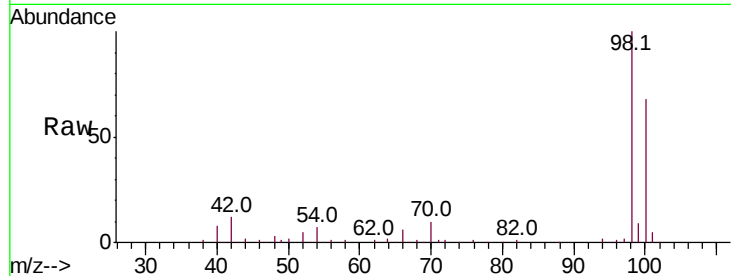
Instrument :
MSVOA_D
ClientSampleId :
JC-02-031919-JRE

Tot Ion: 98 Resp: 464186

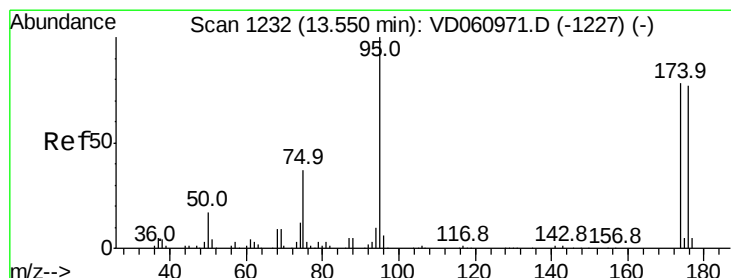
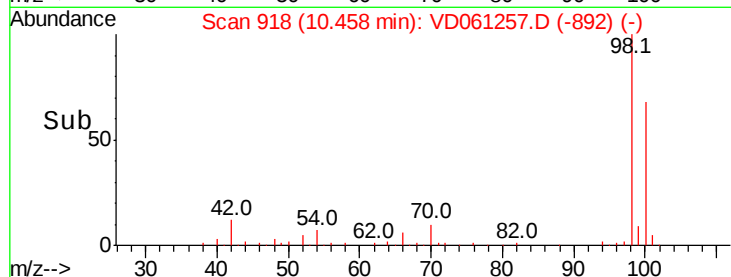
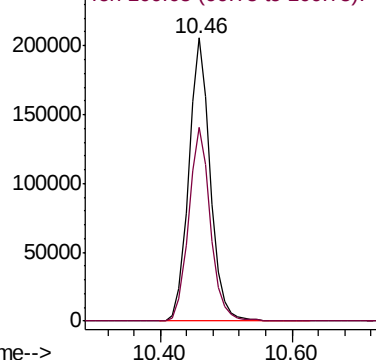
Ion Ratio Lower Upper

98 100

100 68.4 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.58 min Scan# 1235

Delta R.T. 0.03 min

Lab File: VD061257.D

Acq: 22 Mar 2019 13:33

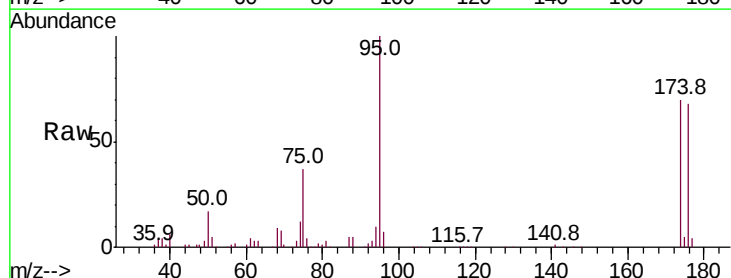
Tgt Ion: 95 Resp: 269323

Ion Ratio Lower Upper

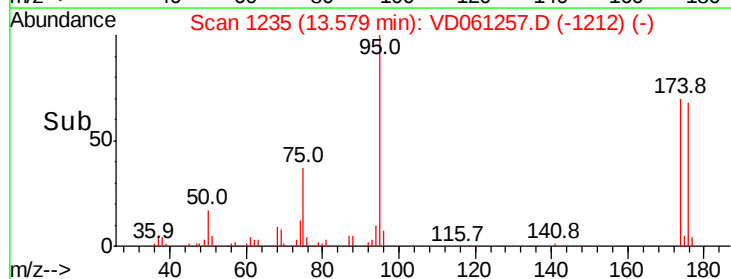
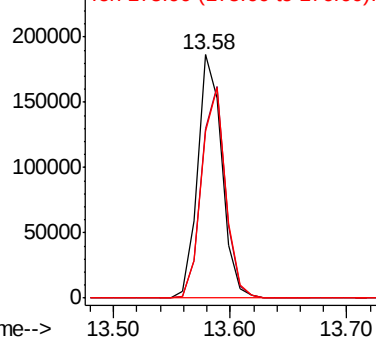
95 100

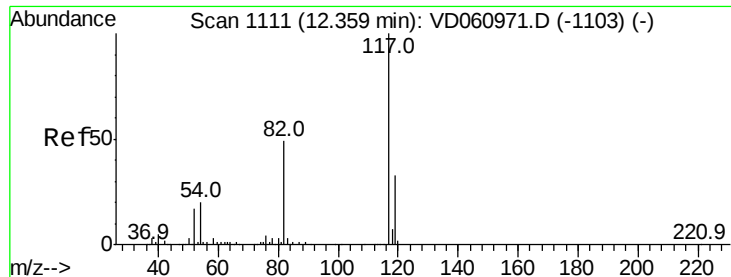
174 69.8 0.0 155.6

176 68.5 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

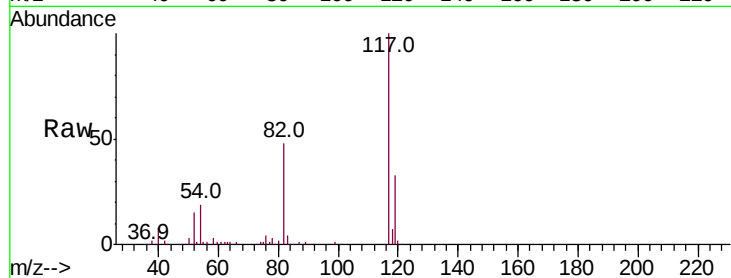




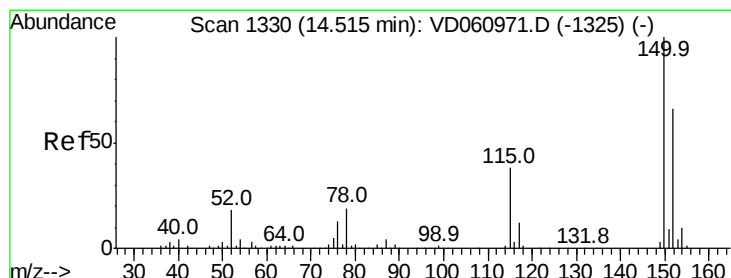
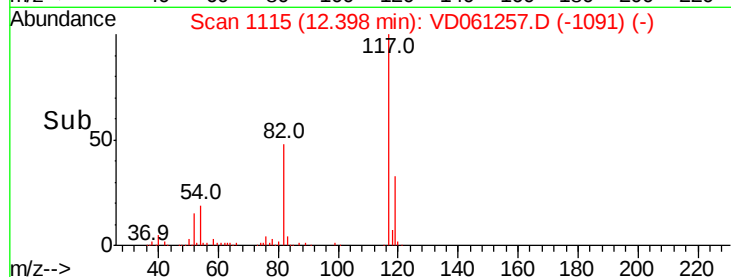
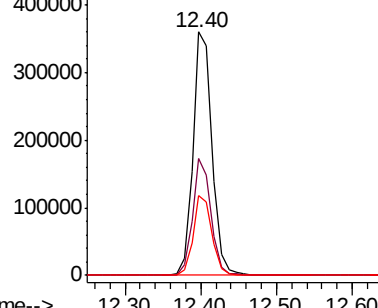
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.04 min
Lab File: VD061257.D
Acq: 22 Mar 2019 13:33

Instrument :
MSVOA_D
ClientSampleId :
JC-02-031919-JRE

Tot Ion:117 Resp: 631224
Ion Ratio Lower Upper
117 100
82 48.1 38.9 58.3
119 32.6 26.6 39.8

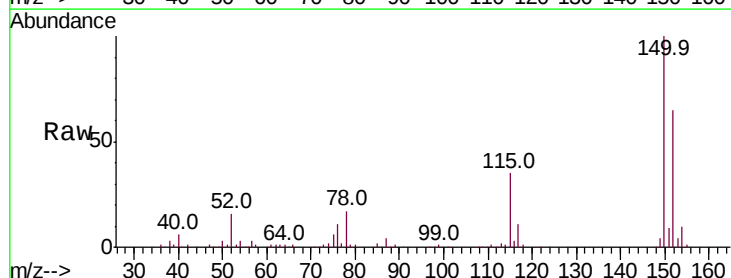


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.54 min Scan# 1333
Delta R.T. 0.03 min
Lab File: VD061257.D
Acq: 22 Mar 2019 13:33

Tgt Ion:152 Resp: 254558
Ion Ratio Lower Upper
152 100
115 53.5 28.6 85.9
150 153.8 0.0 310.6



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

