

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
 Data File : VD061263.D
 Acq On : 22 Mar 2019 16:19
 Operator : VA/AP
 Sample : K1694-03
 Misc : 6.78g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-032019-B

Quant Time: Mar 23 00:33:46 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

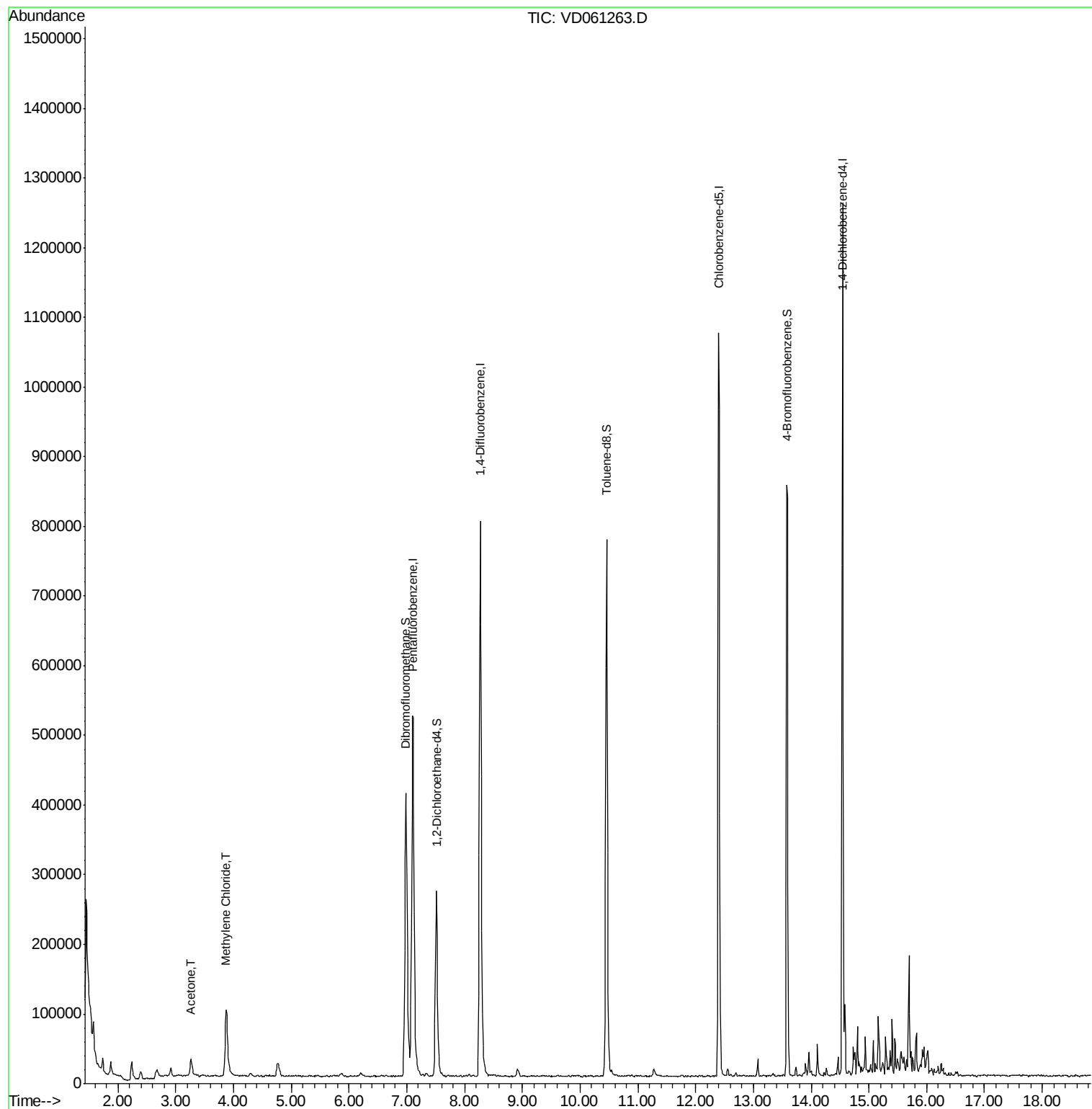
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.11	168	562798	50.00	ug/l	0.07
34) 1,4-Difluorobenzene	8.27	114	974999	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.40	117	701961	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	14.54	152	286392	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.51	65	258728	55.23	ug/l	0.07
Spiked Amount 50.000			Recovery	=	110.46%	
35) Dibromofluoromethane	6.98	113	399504	55.21	ug/l	0.06
Spiked Amount 50.000			Recovery	=	110.42%	
50) Toluene-d8	10.46	98	667121	36.71	ug/l	0.06
Spiked Amount 50.000			Recovery	=	73.42%	
62) 4-Bromofluorobenzene	13.58	95	302250	42.87	ug/l	0.03
Spiked Amount 50.000			Recovery	=	85.74%	
Target Compounds						
16) Acetone	3.26	43	51459	38.413	ug/l	97
20) Methylene Chloride	3.87	84	70215	7.534	ug/l	91

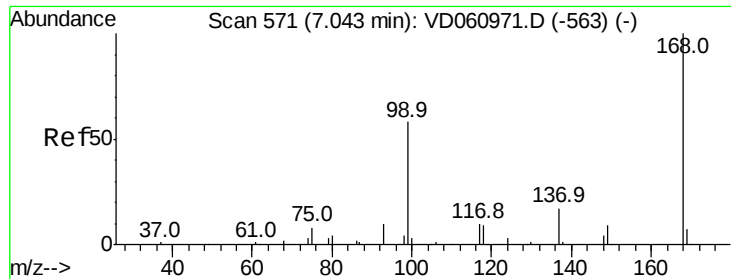
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 02:35:39 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.11 min Scan# 578

Delta R.T. 0.07 min

Lab File: VD061263.D

Acq: 22 Mar 2019 16:19

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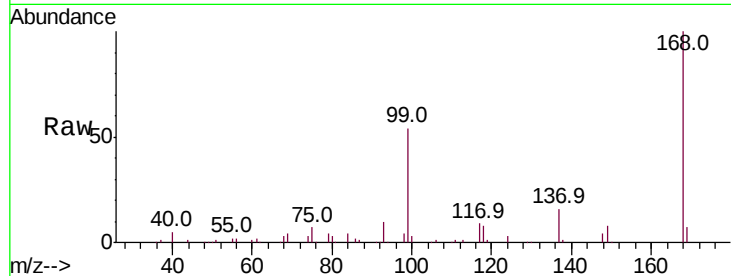
EO-02-032019-B

Tot Ion:168 Resp: 562798

Ion Ratio Lower Upper

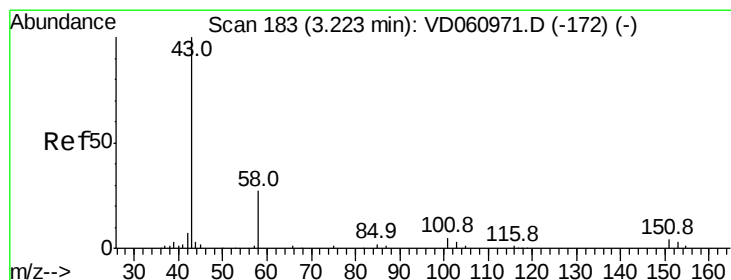
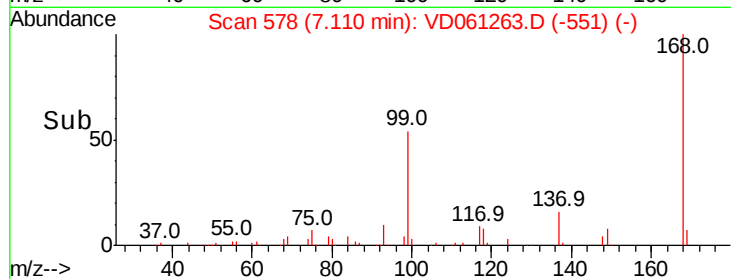
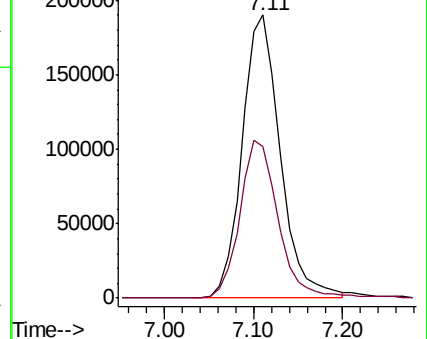
168 100

99 53.5 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 38.413 ug/l

RT: 3.26 min Scan# 187

Delta R.T. 0.04 min

Lab File: VD061263.D

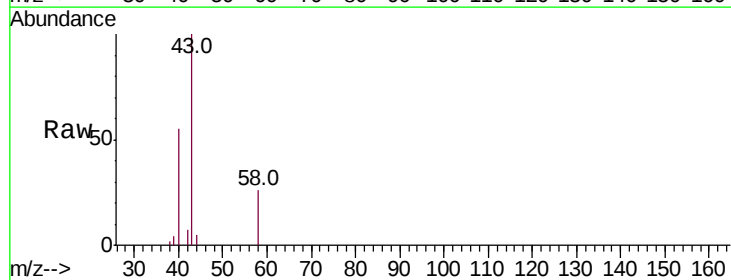
Acq: 22 Mar 2019 16:19

Tgt Ion: 43 Resp: 51459

Ion Ratio Lower Upper

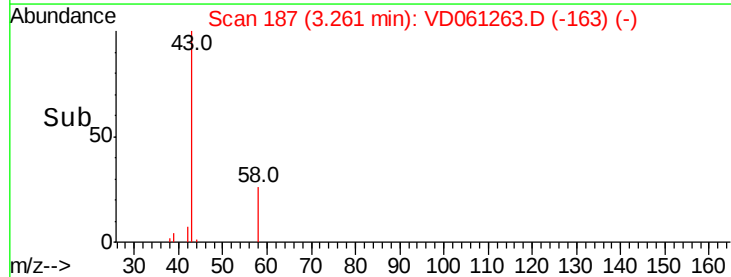
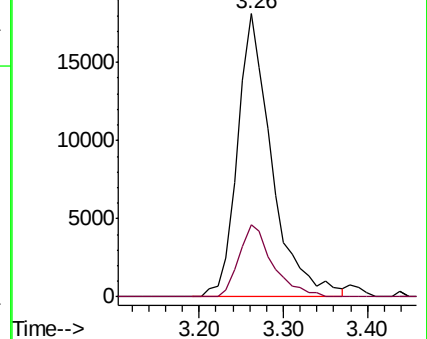
43 100

58 25.5 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

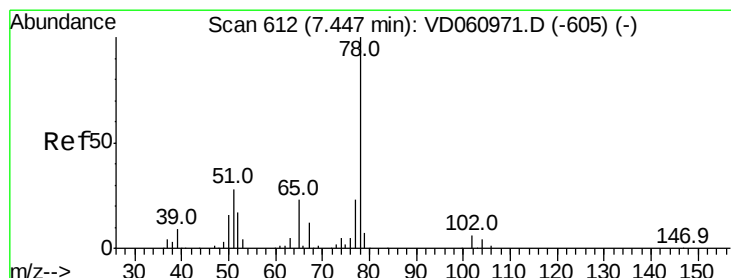
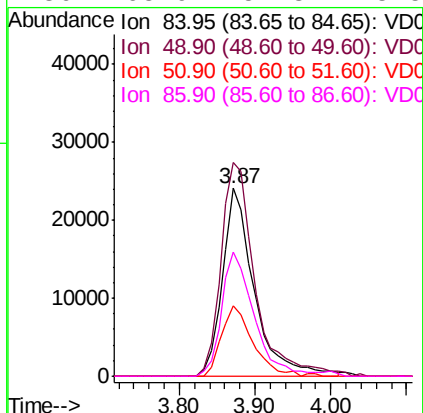
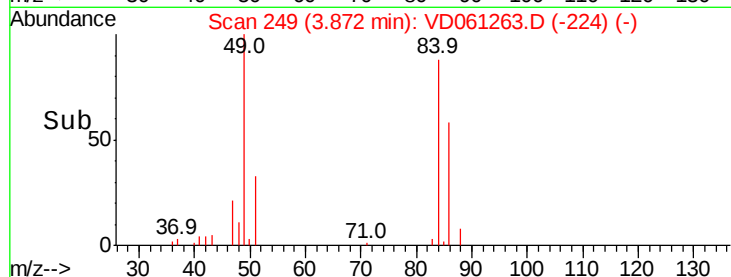
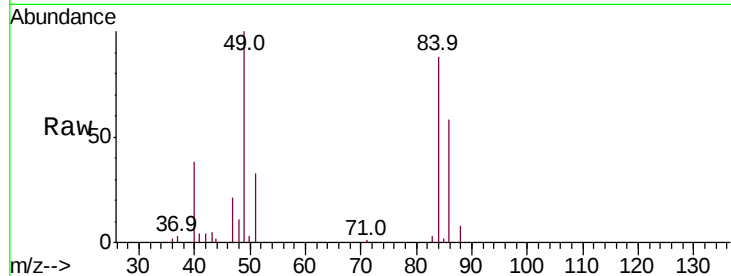




#20
Methvlene Chloride
Concen: 7.534 ug/l
RT: 3.87 min Scan# 249
Delta R.T. 0.05 min
Lab File: VD061263.D
Acq: 22 Mar 2019 16:19

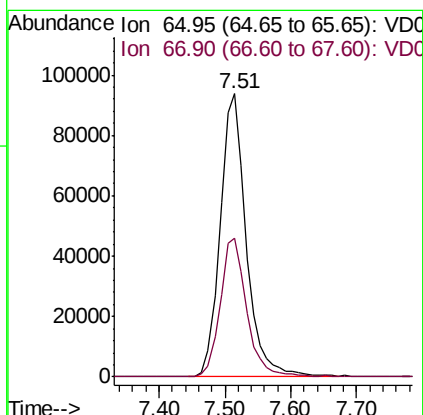
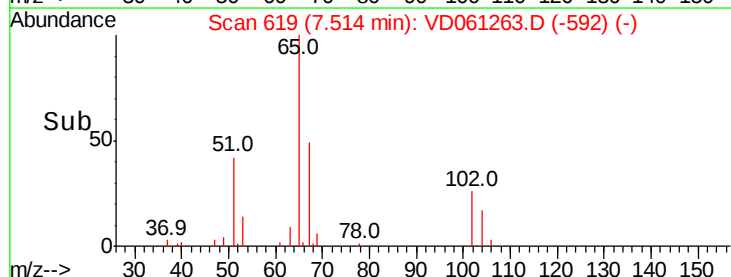
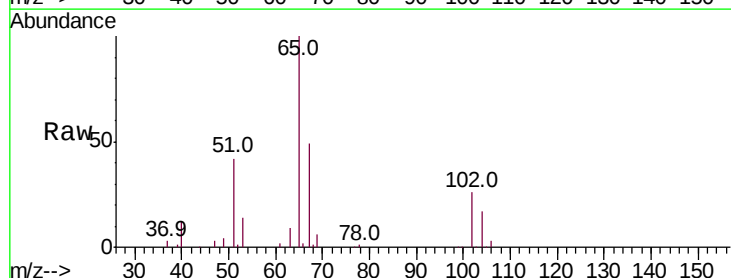
Instrument :
MSVOA_D
ClientSampleId :
EO-02-032019-B

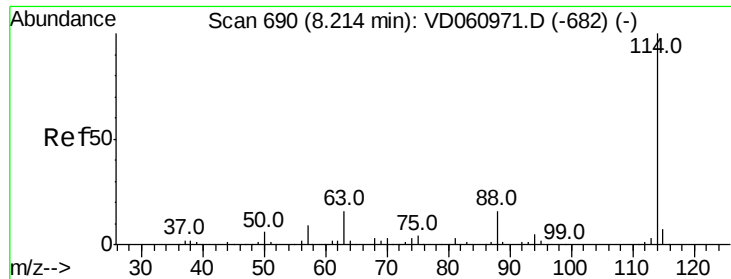
Tot Ion: 84 Resp: 70215
Ion Ratio Lower Upper
84 100
49 113.6 104.2 156.2
51 37.5 32.3 48.5
86 65.9 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.51 min Scan# 619
Delta R.T. 0.07 min
Lab File: VD061263.D
Acq: 22 Mar 2019 16:19

Tgt Ion: 65 Resp: 258728
Ion Ratio Lower Upper
65 100
67 49.0 0.0 105.2

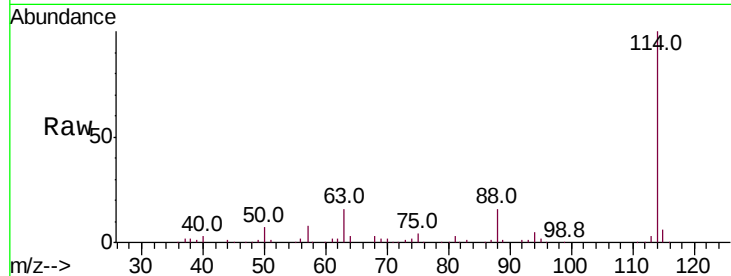




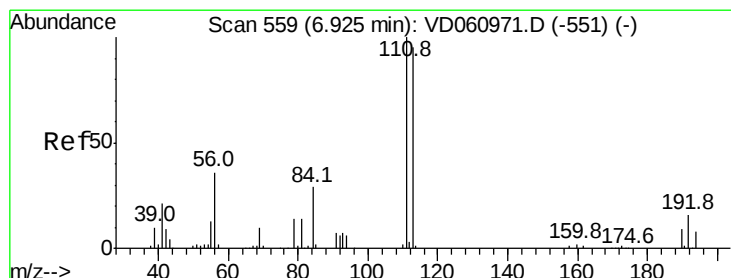
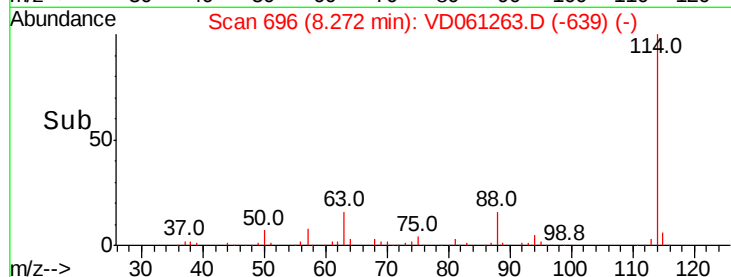
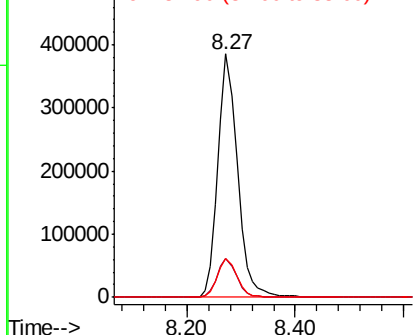
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.27 min Scan# 696
 Delta R.T. 0.06 min
 Lab File: VD061263.D
 Acq: 22 Mar 2019 16:19

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-032019-B

Tot Ion:114 Resp: 974999
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.4
 88 16.2 0.0 33.0

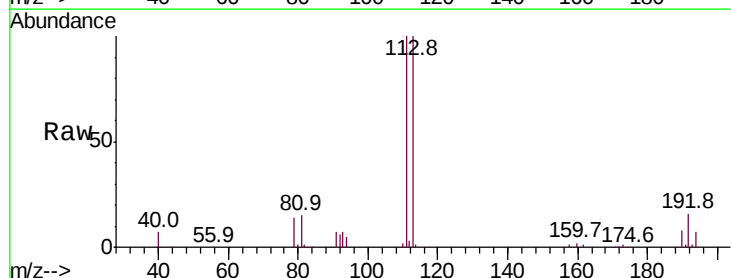


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

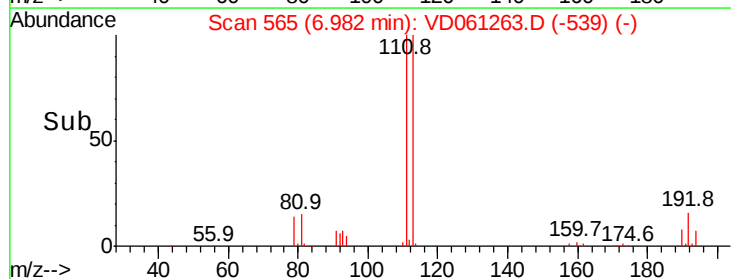
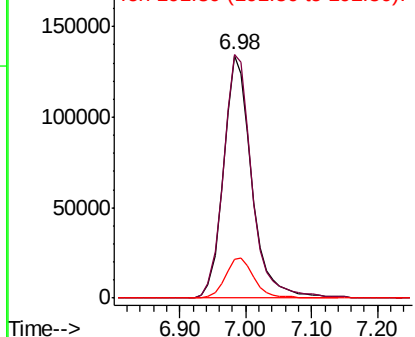


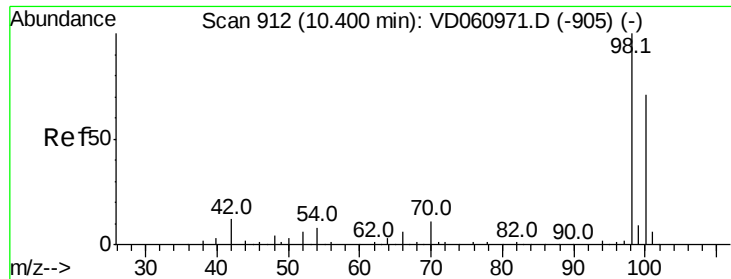
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.98 min Scan# 565
 Delta R.T. 0.06 min
 Lab File: VD061263.D
 Acq: 22 Mar 2019 16:19

Tgt Ion:113 Resp: 399504
 Ion Ratio Lower Upper
 113 100
 111 100.5 84.2 126.4
 192 16.2 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: VD061263.D

Acq: 22 Mar 2019 16:19

Instrument :

MSVOA_D

ClientSampleId :

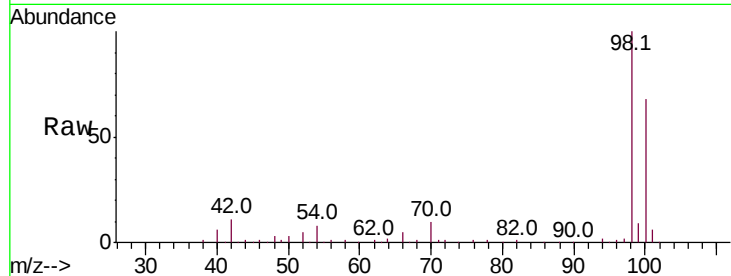
EO-02-032019-B

Tot Ion: 98 Resp: 667121

Ion Ratio Lower Upper

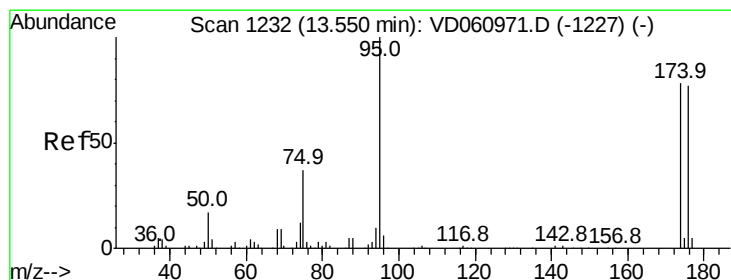
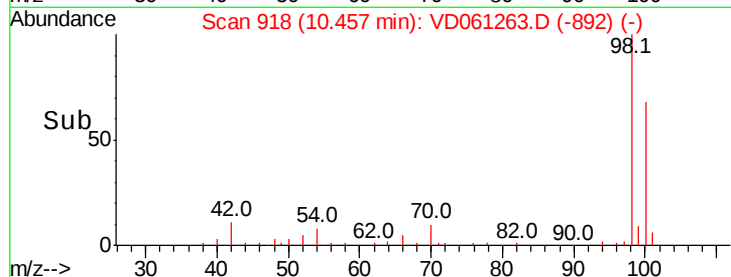
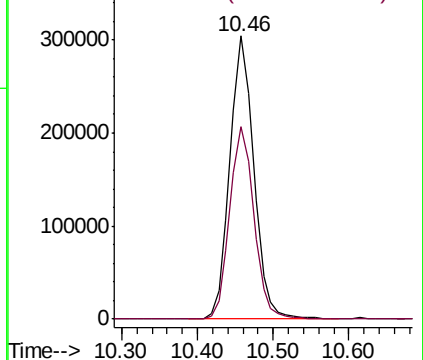
98 100

100 68.2 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: VD061263.D

Acq: 22 Mar 2019 16:19

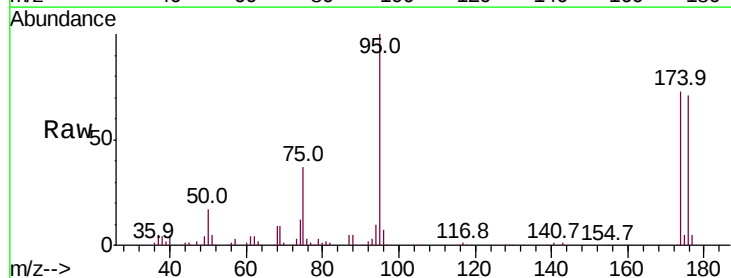
Tgt Ion: 95 Resp: 302250

Ion Ratio Lower Upper

95 100

174 73.2 0.0 155.6

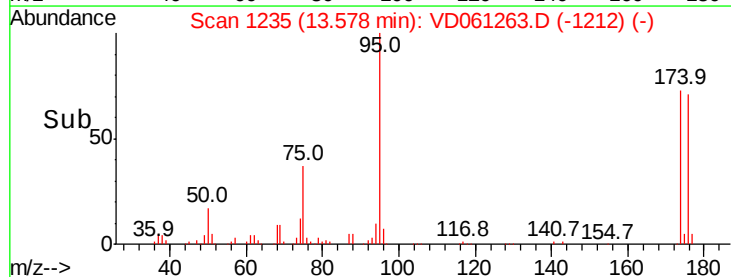
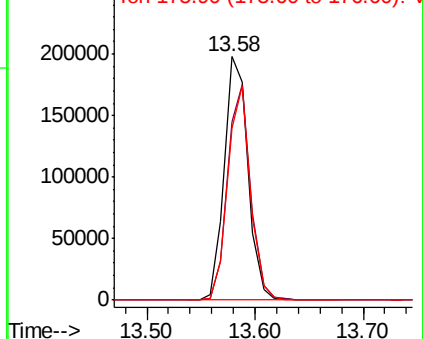
176 70.5 0.0 153.8

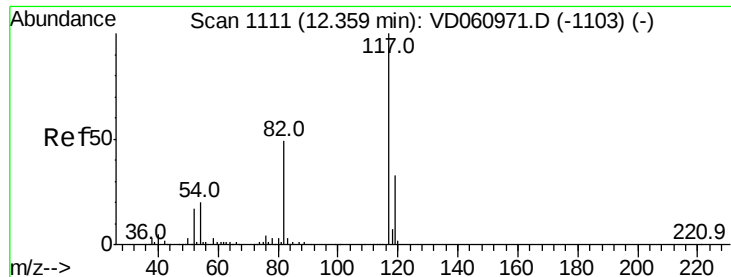


Abundance Ion 95.00 (94.70 to 95.70): VDC

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: VD061263.D

Acq: 22 Mar 2019 16:19

Instrument :

MSVOA_D

ClientSampleId :

EO-02-032019-B

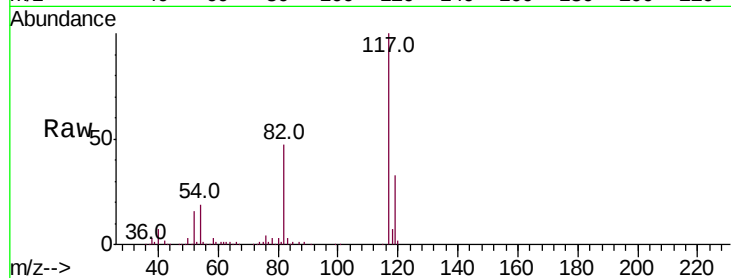
Tot Ion:117 Resp: 701961

Ion Ratio Lower Upper

117 100

82 47.5 38.9 58.3

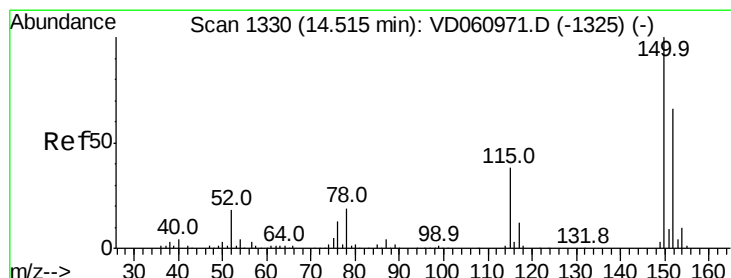
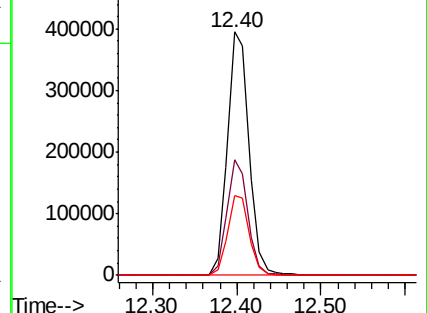
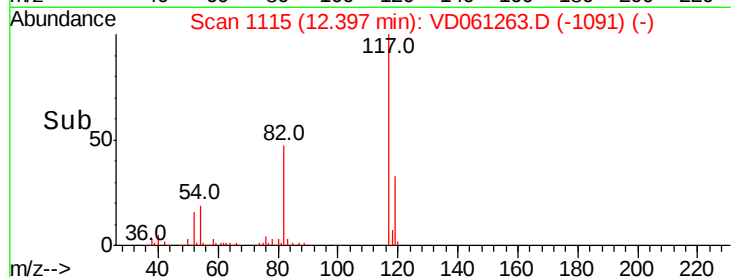
119 32.6 26.6 39.8



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: VD061263.D

Acq: 22 Mar 2019 16:19

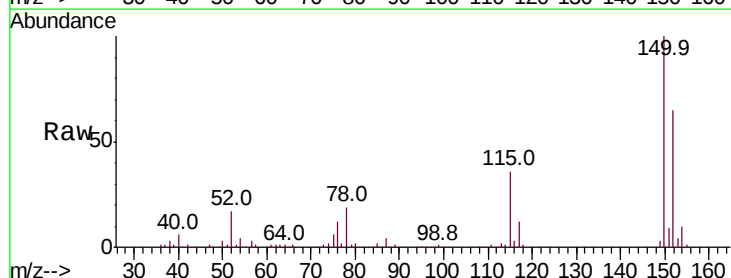
Tgt Ion:152 Resp: 286392

Ion Ratio Lower Upper

152 100

115 55.1 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

