

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061589.D
 Acq On : 4 Apr 2019 19:59
 Operator : VA/AP
 Sample : K2197-03
 Misc : 5.86g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-040219-B

Quant Time: Apr 05 02:01:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

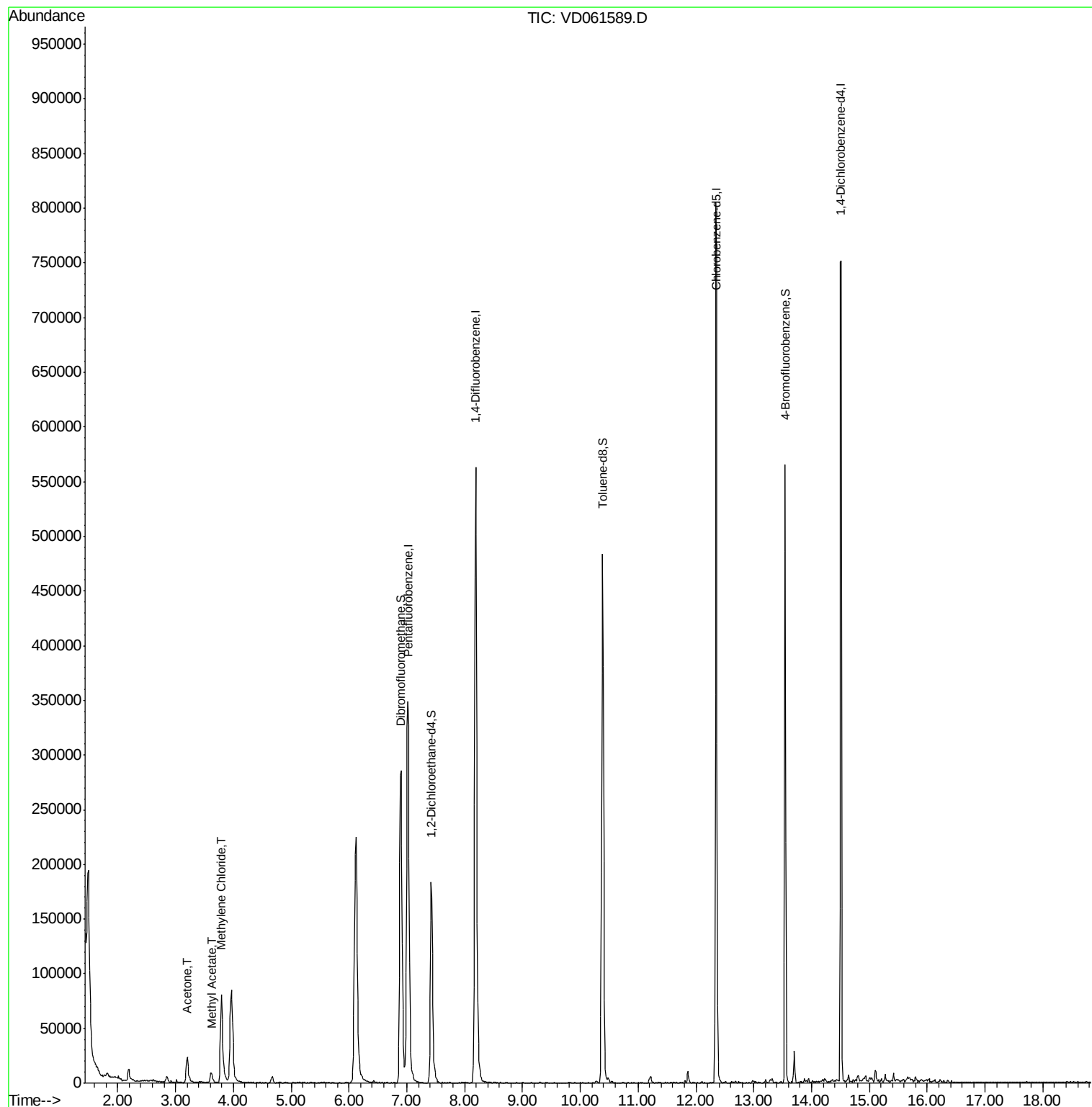
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	378458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	713739	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.34	117	526195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	199410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	190838	59.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.06%	
35) Dibromofluoromethane	6.90	113	276643	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
50) Toluene-d8	10.38	98	427559	32.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.36%	
62) 4-Bromofluorobenzene	13.54	95	186510	37.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.36%	
Target Compounds						
16) Acetone	3.21	43	48235	58.039	ug/l	95
18) Methyl Acetate	3.61	43	18224	10.429	ug/l #	82
20) Methylene Chloride	3.79	84	63073	12.092	ug/l	96

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

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QLast Update : Thu Mar 28 09:22:37 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. 0.00 min

Lab File: VD061589.D

Acq: 4 Apr 2019 19:59

Instrument :

MSVOA_D

ClientSampleId :

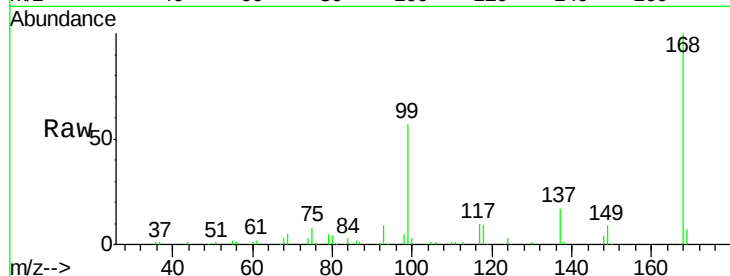
CL-02-040219-B

Tot Ion:168 Resp: 378458

Ion Ratio Lower Upper

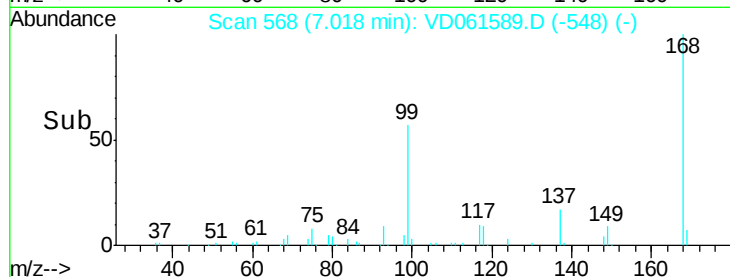
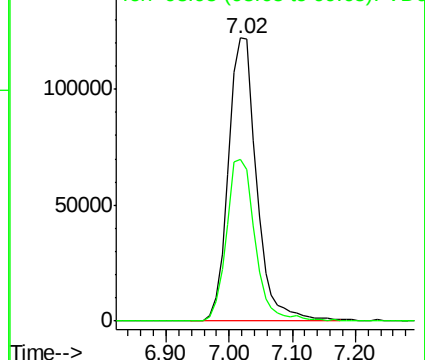
168 100

99 57.2 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 58.039 ug/l

RT: 3.21 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD061589.D

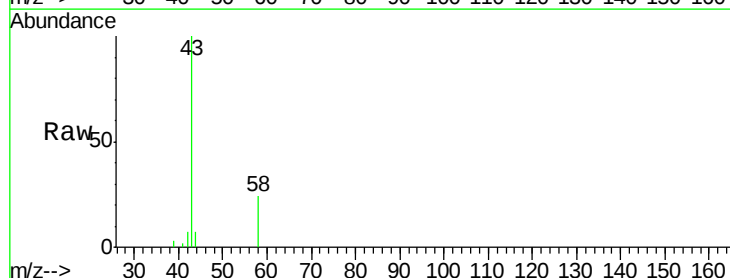
Acq: 4 Apr 2019 19:59

Tgt Ion: 43 Resp: 48235

Ion Ratio Lower Upper

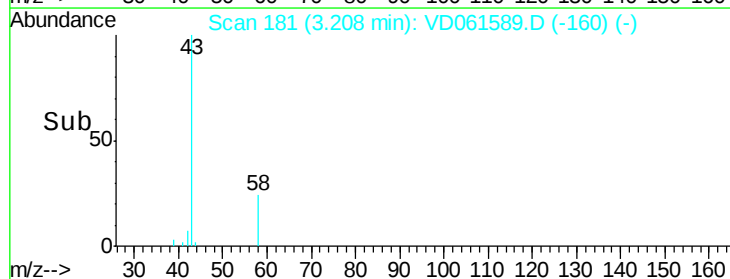
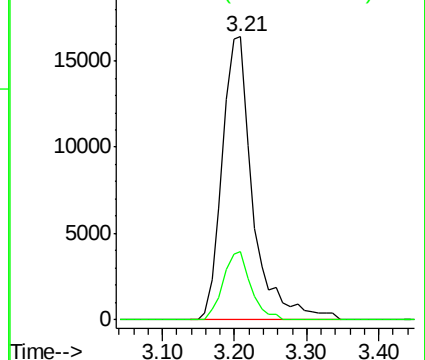
43 100

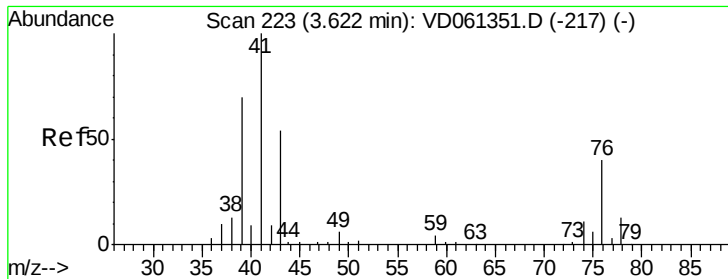
58 24.3 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

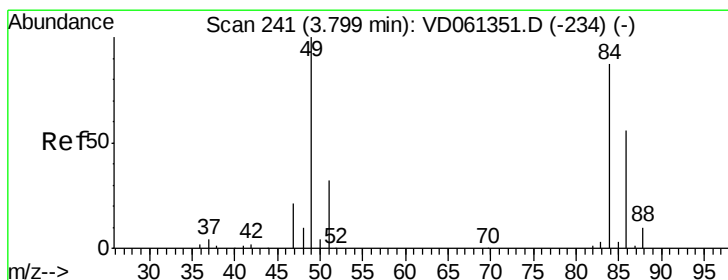
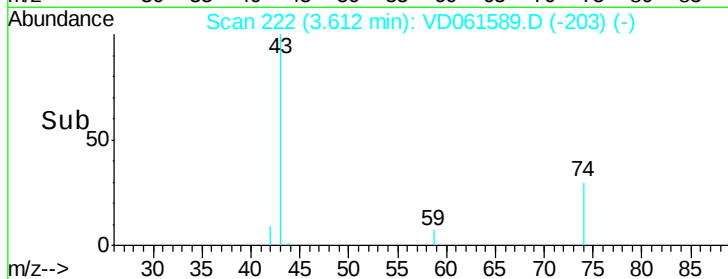
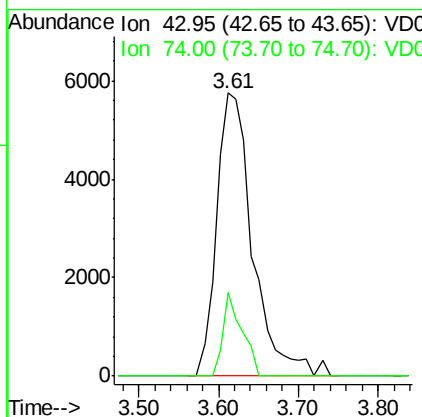
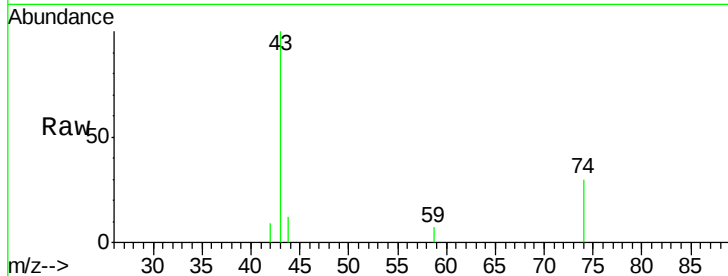




#18
Methyl Acetate
Concen: 10.429 ug/l
RT: 3.61 min Scan# 222
Delta R.T. -0.01 min
Lab File: VD061589.D
Acq: 4 Apr 2019 19:59

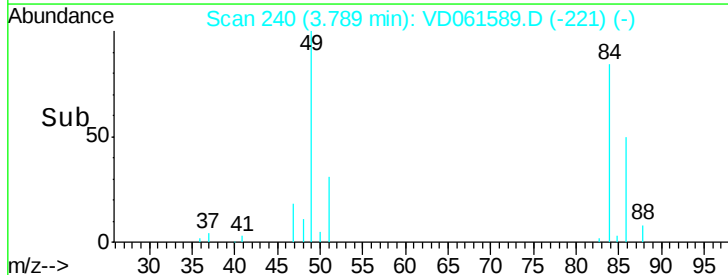
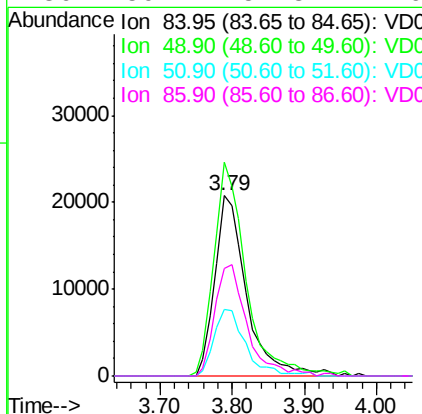
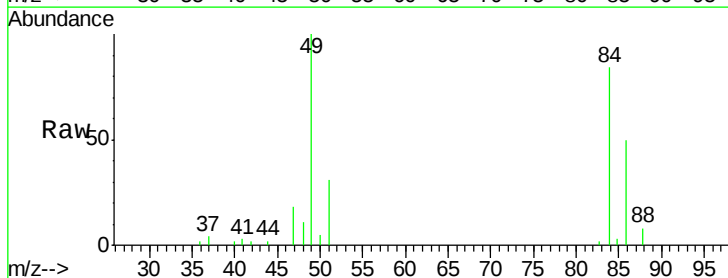
Instrument :
MSVOA_D
ClientSampleId :
CL-02-040219-B

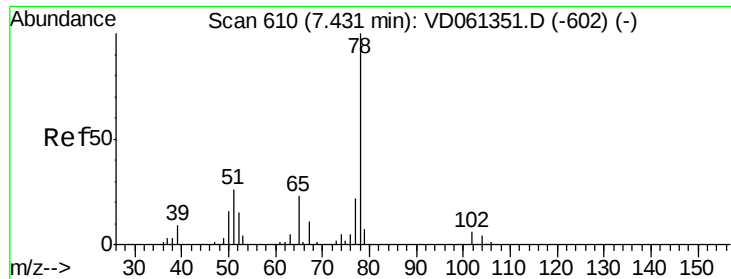
Tot Ion: 43 Resp: 18224
Ion Ratio Lower Upper
43 100
74 29.5 16.7 25.1#



#20
Methylene Chloride
Concen: 12.092 ug/l
RT: 3.79 min Scan# 240
Delta R.T. -0.01 min
Lab File: VD061589.D
Acq: 4 Apr 2019 19:59

Tgt Ion: 84 Resp: 63073
Ion Ratio Lower Upper
84 100
49 118.5 91.8 137.8
51 37.0 29.8 44.8
86 59.7 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.01 min

Lab File: VD061589.D

Acq: 4 Apr 2019 19:59

Instrument :

MSVOA_D

ClientSampleId :

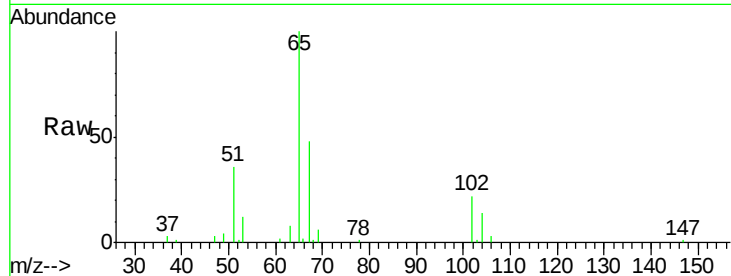
CL-02-040219-B

Tot Ion: 65 Resp: 190838

Ion Ratio Lower Upper

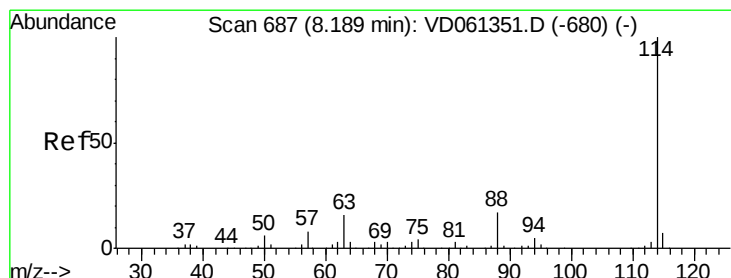
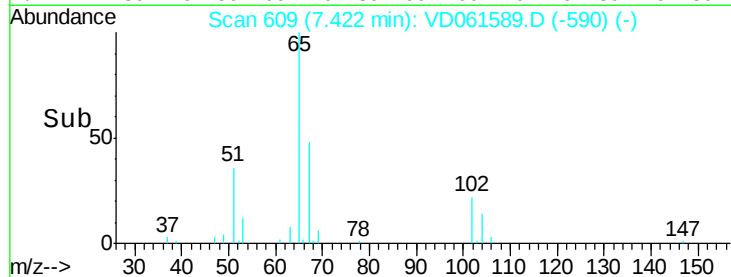
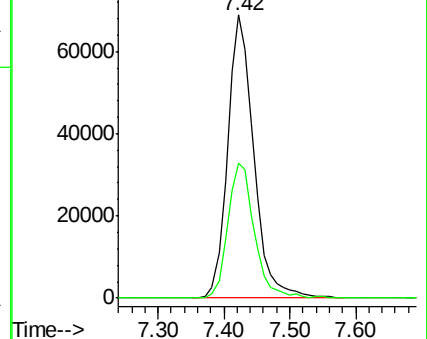
65 100

67 47.7 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 687

Delta R.T. 0.00 min

Lab File: VD061589.D

Acq: 4 Apr 2019 19:59

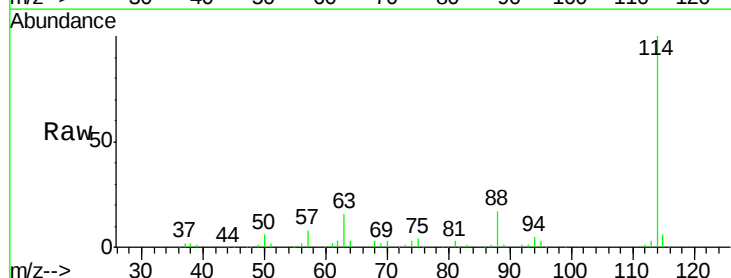
Tgt Ion:114 Resp: 713739

Ion Ratio Lower Upper

114 100

63 16.1 0.0 31.6

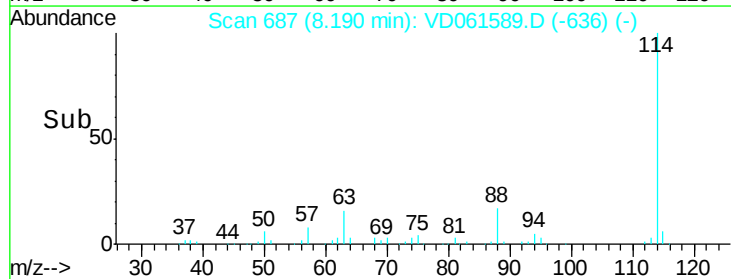
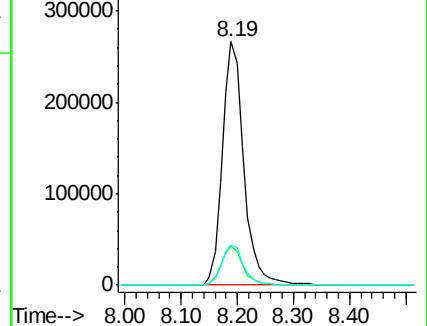
88 16.6 0.0 33.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

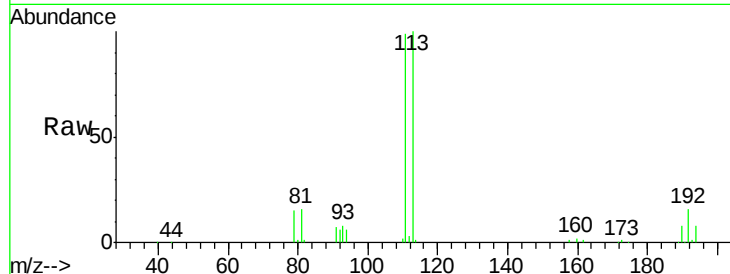




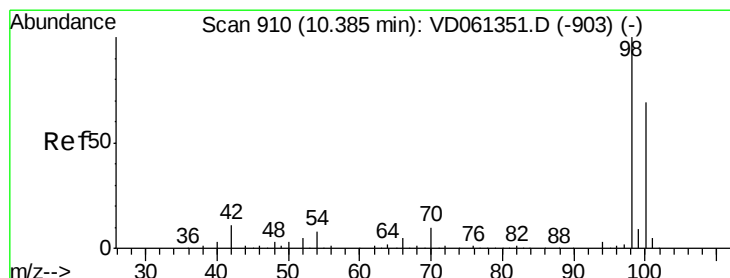
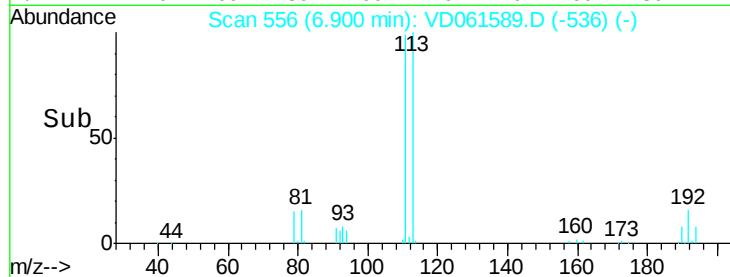
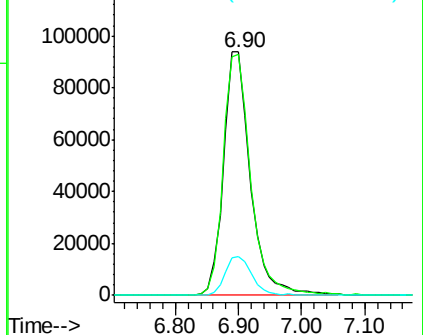
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.90 min Scan# 556
Delta R.T. 0.00 min
Lab File: VD061589.D
Acq: 4 Apr 2019 19:59

Instrument :
MSVOA_D
ClientSampleId :
CL-02-040219-B

Tot Ion:113 Resp: 276643
Ion Ratio Lower Upper
113 100
111 99.2 81.0 121.6
192 15.9 14.4 21.6

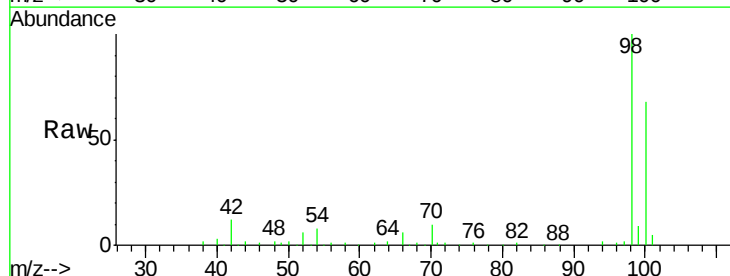


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

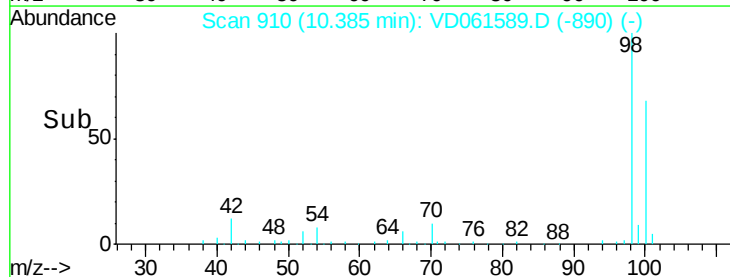
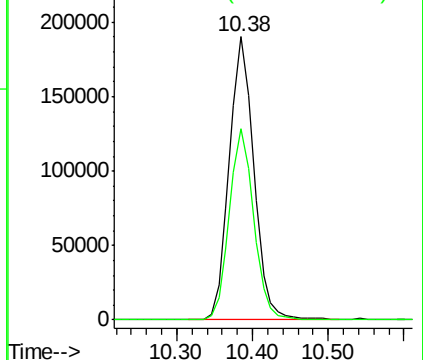


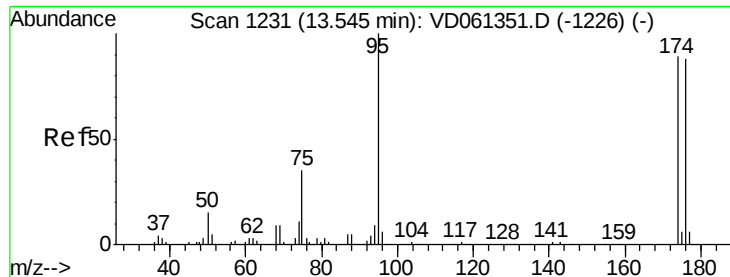
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.38 min Scan# 910
Delta R.T. 0.00 min
Lab File: VD061589.D
Acq: 4 Apr 2019 19:59

Tgt Ion: 98 Resp: 427559
Ion Ratio Lower Upper
98 100
100 67.6 56.2 84.2



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VD061589.D

Acq: 4 Apr 2019 19:59

Instrument :

MSVOA_D

ClientSampleId :

CL-02-040219-B

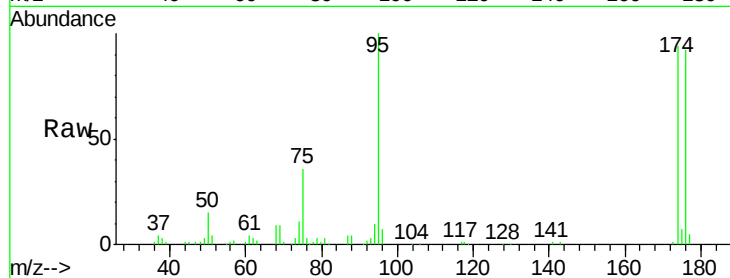
Tot Ion: 95 Resp: 186510

Ion Ratio Lower Upper

95 100

174 93.9 0.0 178.0

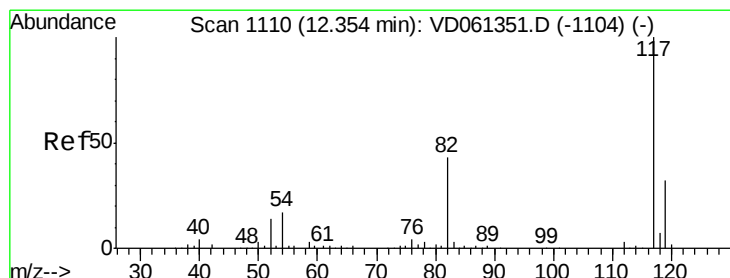
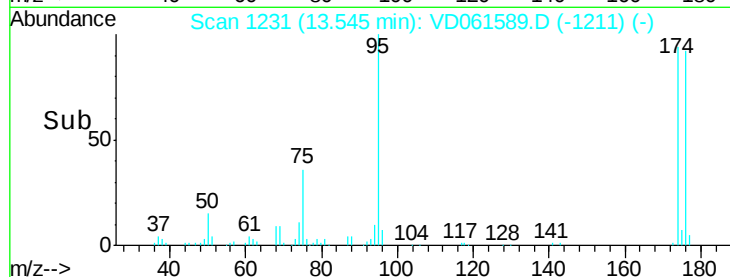
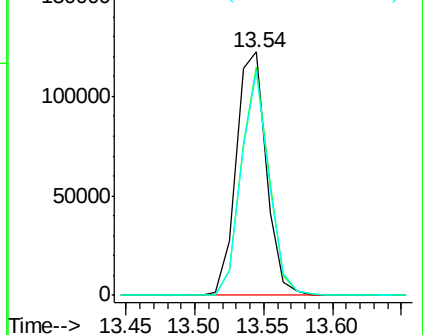
176 92.1 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): V

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: 12.34 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD061589.D

Acq: 4 Apr 2019 19:59

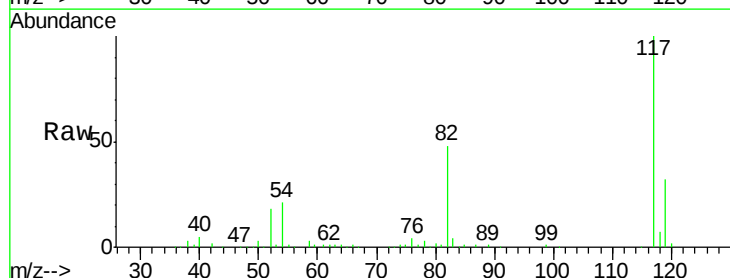
Tgt Ion: 117 Resp: 526195

Ion Ratio Lower Upper

117 100

82 47.9 34.4 51.6

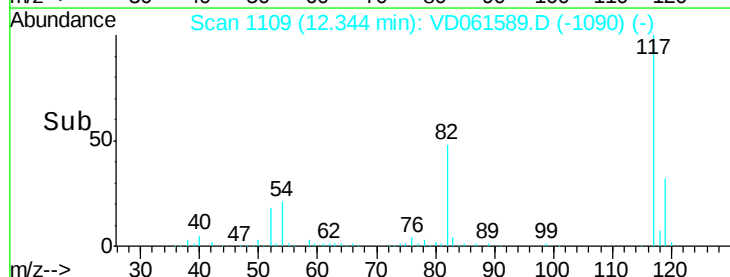
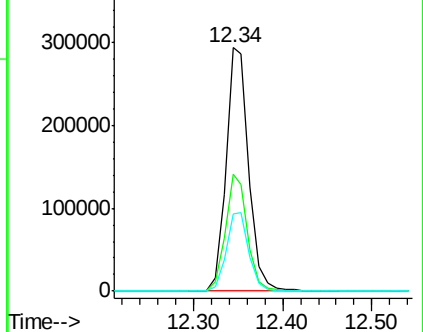
119 31.5 25.8 38.6

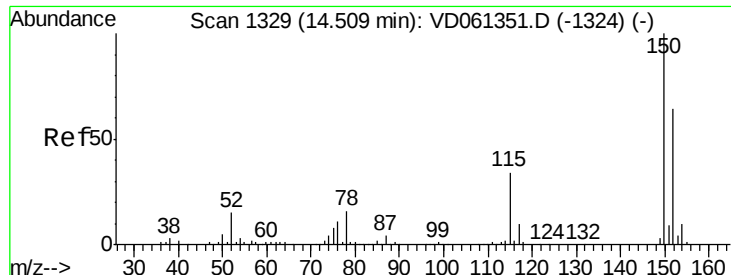


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

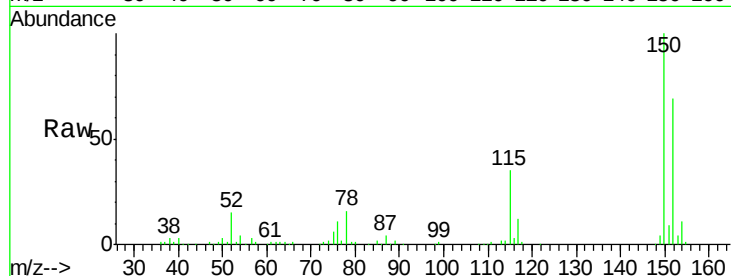




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: VD061589.D
 Acq: 4 Apr 2019 19:59

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-040219-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	50.4	26.9	80.6
150	145.6	0.0	318.0



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

