

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083118\
 Data File : VD059935.D
 Acq On : 31 Aug 2018 14:56
 Operator : JC/SY
 Sample : J4275-19
 Misc : 5.22g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-082918-A

Quant Time: Aug 31 15:43:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

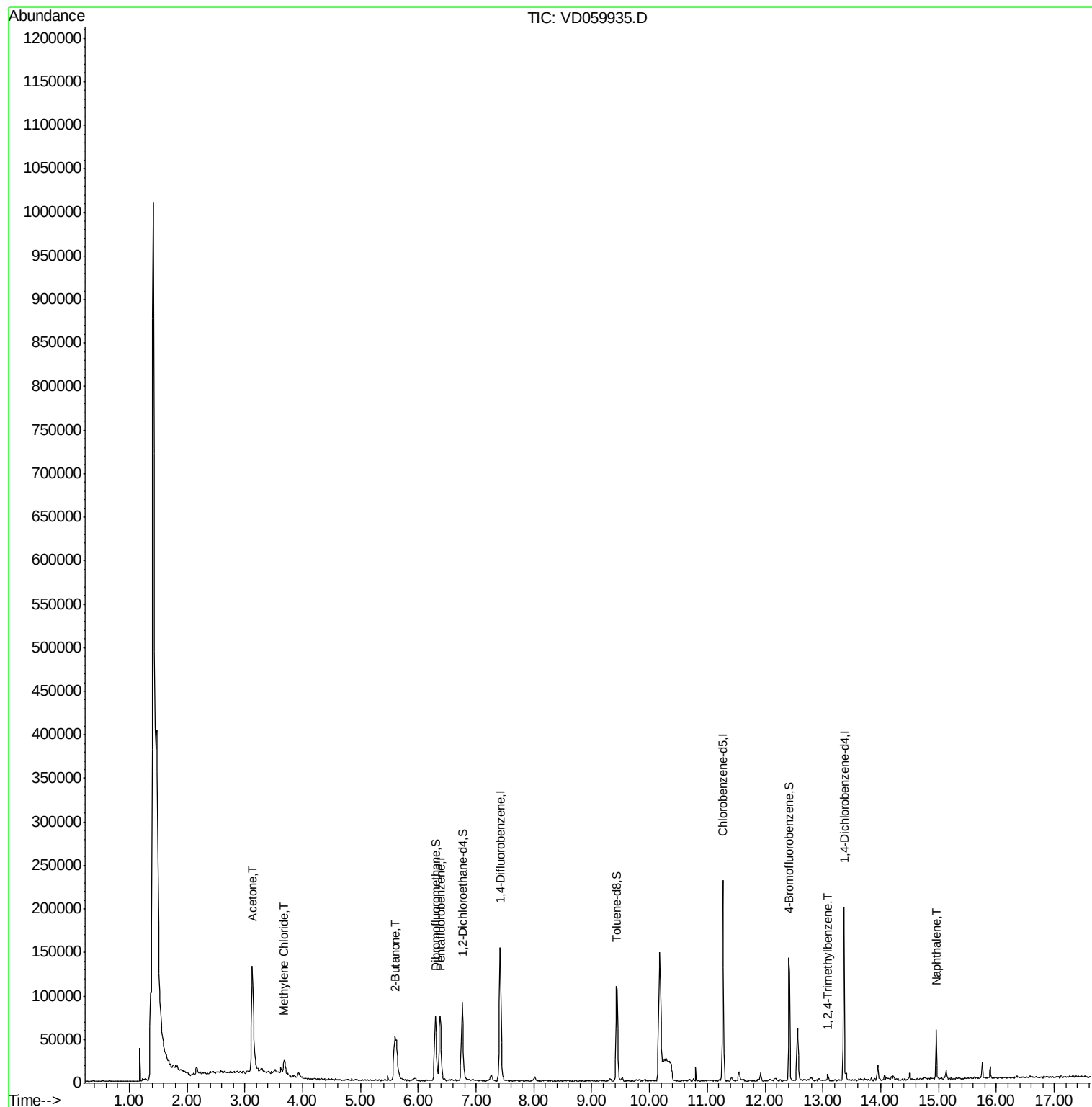
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	71105	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	155714	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	113895	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	49018	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	68902	114.97	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	229.94%	
35) Dibromofluoromethane	6.30	113	59531	48.76	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	97.52%	
50) Toluene-d8	9.43	98	87878	25.94	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	51.88%	
62) 4-Bromofluorobenzene	12.41	95	41258	29.98	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	59.96%	
Target Compounds						
16) Acetone	3.13	43	226038	2070.20	ug/l	Qvalue 100
20) Methylene Chloride	3.68	84	8051	7.91	ug/l	93
25) 2-Butanone	5.59	43	89559	276.95	ug/l	98
84) 1,2,4-Trimethylbenzene	13.08	105	4896m	1.89	ug/l	
95) Naphthalene	14.96	128	32857	19.07	ug/l	98

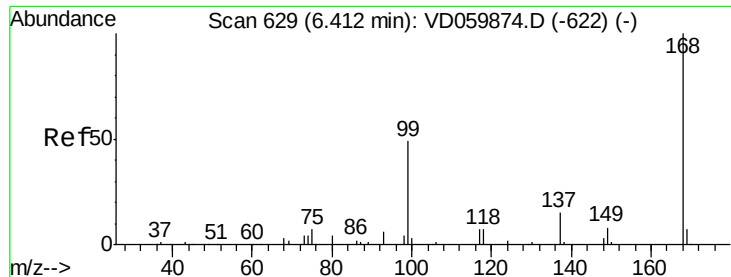
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD083118\
Data File : VD059935.D
Acq On : 31 Aug 2018 14:56
Operator : JC/SY
Sample : J4275-19
Misc : 5.22g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CL-02-082918-A

Quant Time: Aug 31 15:43:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 625

Delta R.T. -0.03 min

Lab File: VD059935.D

Acq: 31 Aug 2018 14:56

Instrument :

MSVOA_D

ClientSampleId :

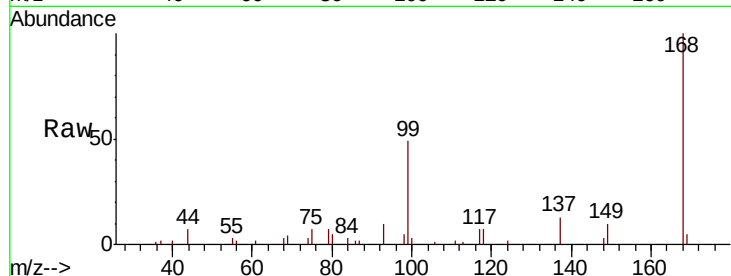
CL-02-082918-A

Tot Ion:168 Resp: 71105

Ion Ratio Lower Upper

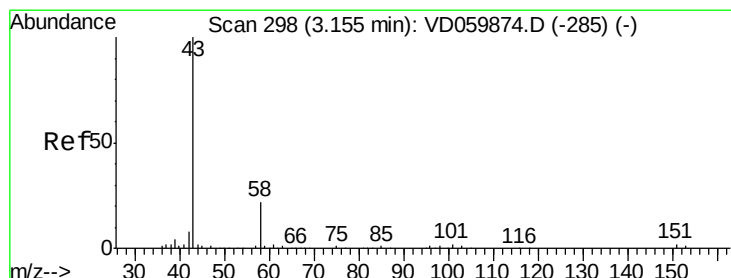
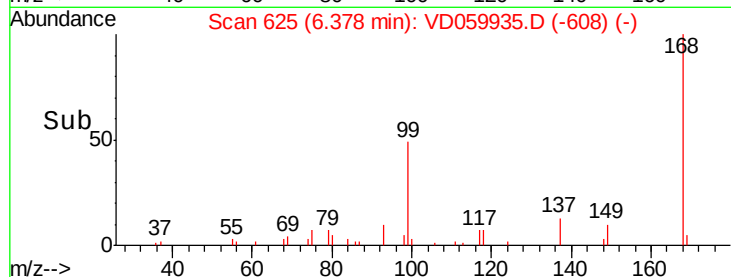
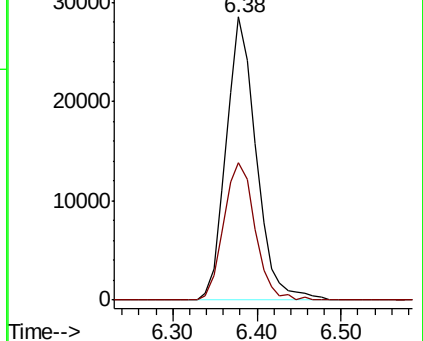
168 100

99 48.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 2070.20 ug/l

RT: 3.13 min Scan# 295

Delta R.T. -0.02 min

Lab File: VD059935.D

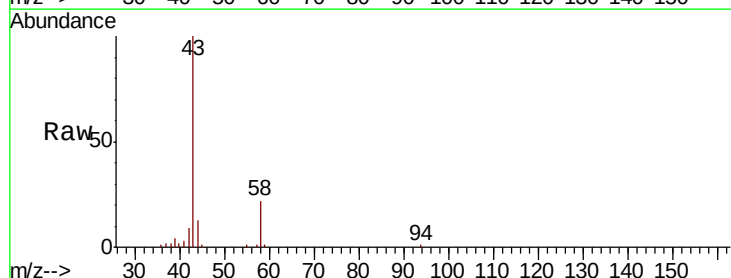
Acq: 31 Aug 2018 14:56

Tgt Ion: 43 Resp: 226038

Ion Ratio Lower Upper

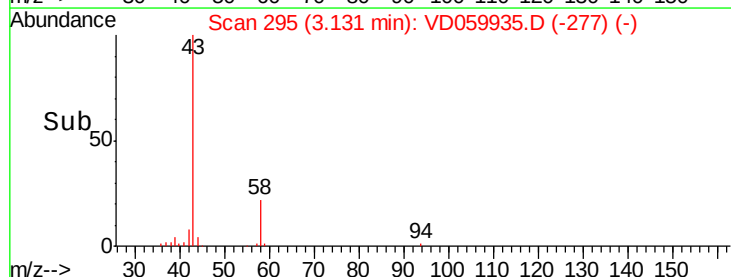
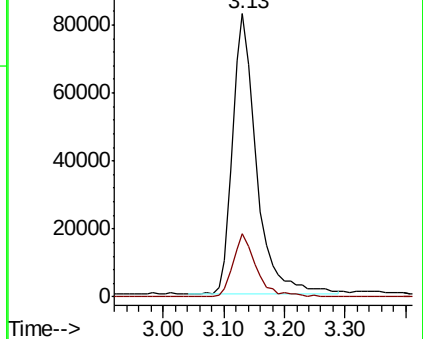
43 100

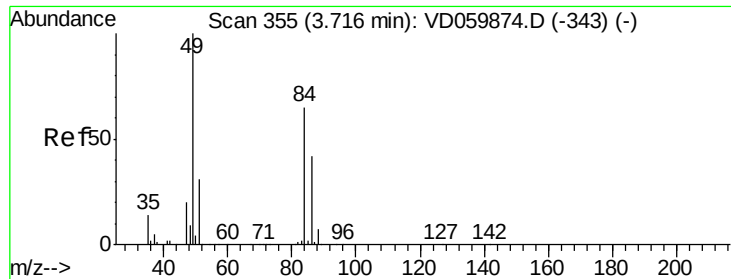
58 22.1 17.6 26.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

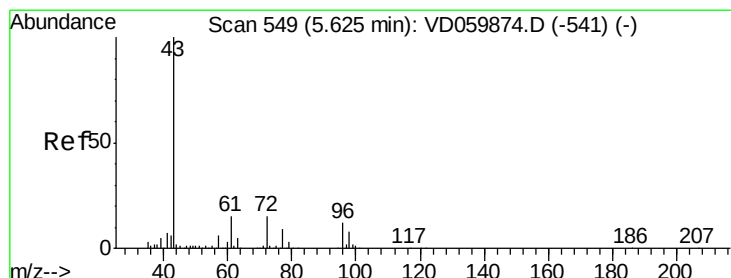
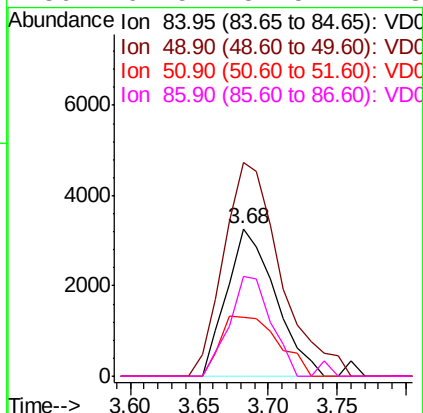
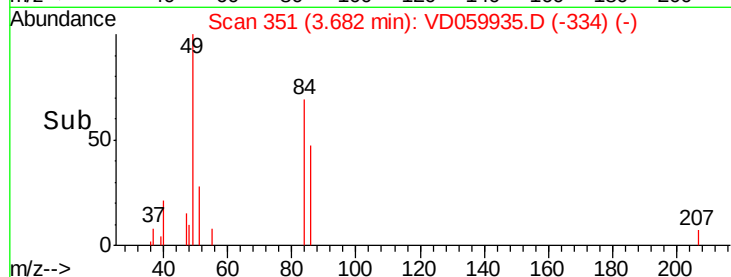
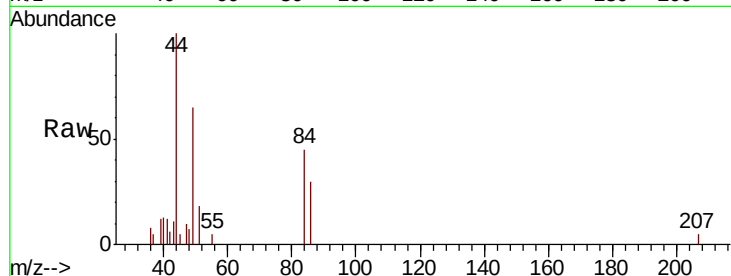




#20
Methylene Chloride
Concen: 7.91 ug/l
RT: 3.68 min Scan# 351
Delta R.T. -0.03 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

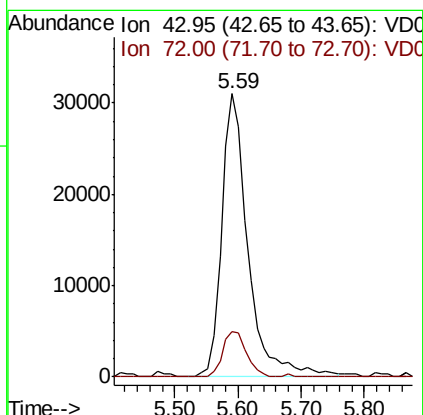
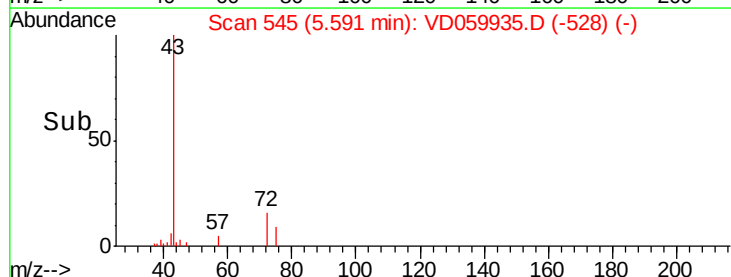
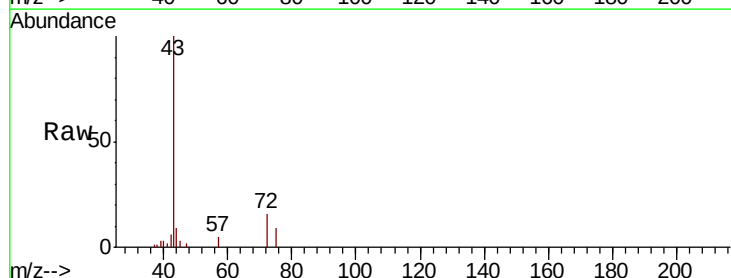
Instrument :
MSVOA_D
ClientSampleId :
CL-02-082918-A

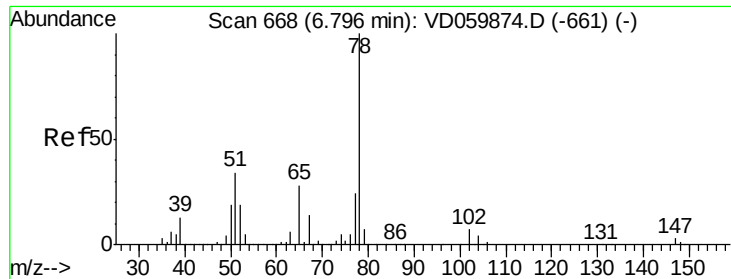
Tot Ion: 84 Resp: 8051
Ion Ratio Lower Upper
84 100
49 144.5 122.6 183.8
51 39.9 38.4 57.6
86 67.5 51.5 77.3



#25
2-Butanone
Concen: 276.95 ug/l
RT: 5.59 min Scan# 545
Delta R.T. -0.03 min
Lab File: VD059935.D
Acq: 31 Aug 2018 14:56

Tgt Ion: 43 Resp: 89559
Ion Ratio Lower Upper
43 100
72 16.2 12.3 18.5

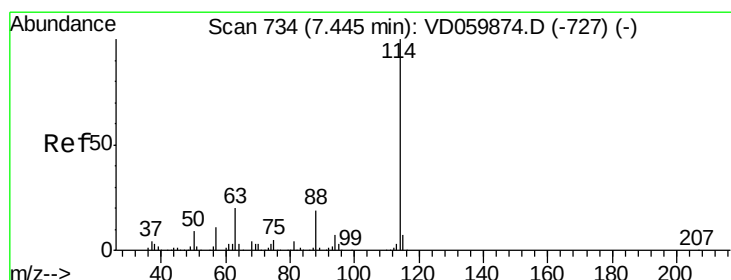
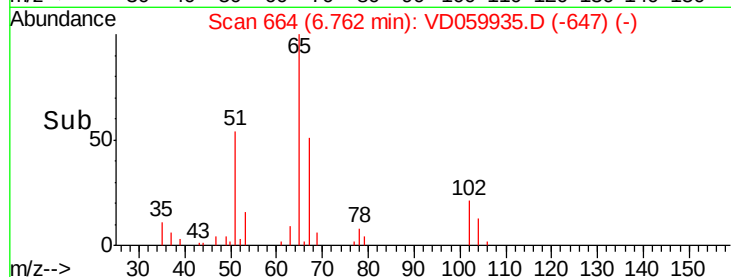
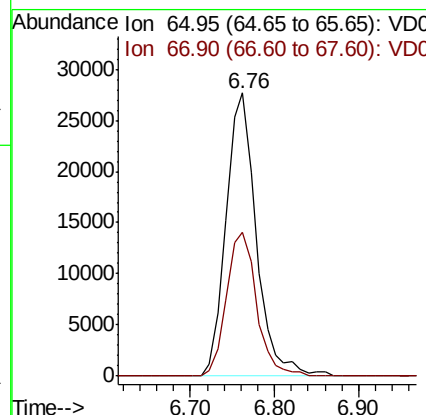
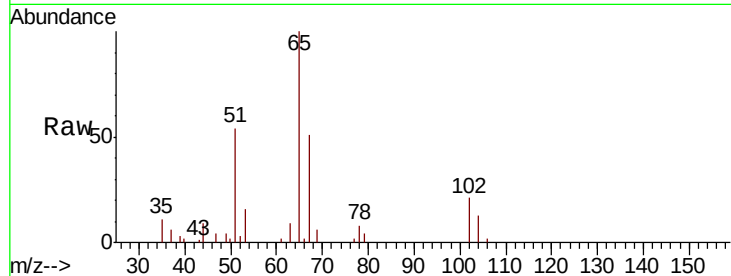




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: VD059935.D
 Acq: 31 Aug 2018 14:56

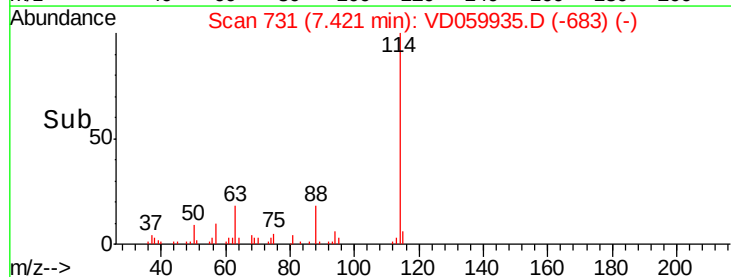
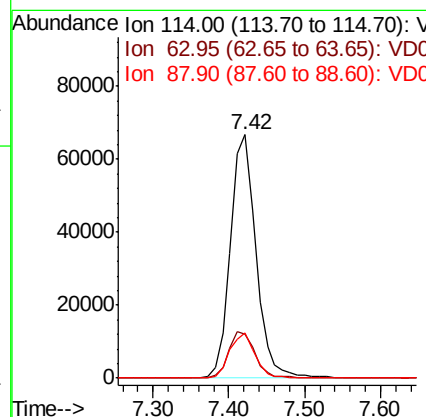
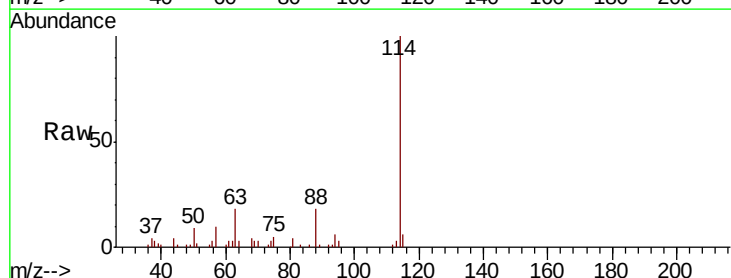
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-082918-A

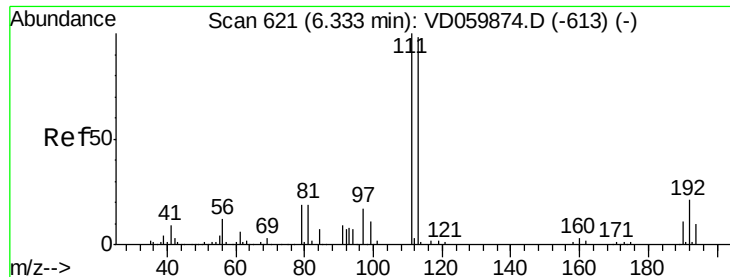
Tot Ion: 65 Resp: 68902
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.42 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: VD059935.D
 Acq: 31 Aug 2018 14:56

Tgt Ion:114 Resp: 155714
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.4
 88 18.3 0.0 37.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.30 min Scan# 617

Delta R.T. -0.03 min

Lab File: VD059935.D

Acq: 31 Aug 2018 14:56

Instrument :

MSVOA_D

ClientSampleId :

CL-02-082918-A

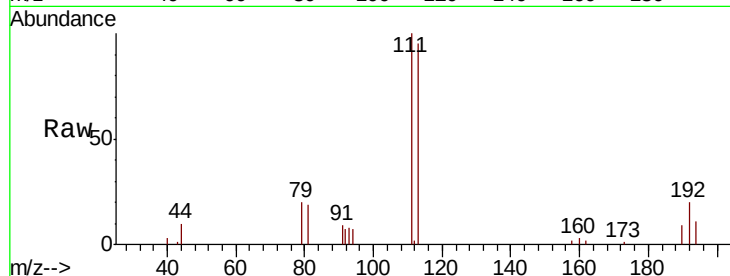
Tot Ion:113 Resp: 59531

Ion Ratio Lower Upper

113 100

111 105.3 81.4 122.2

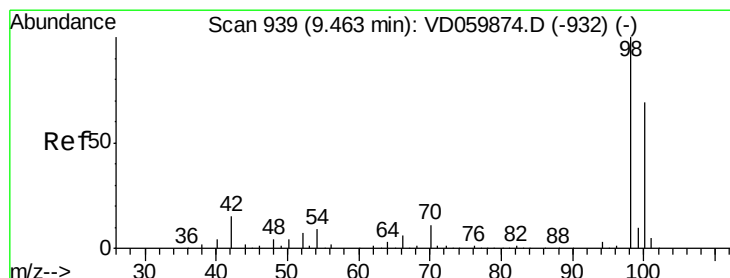
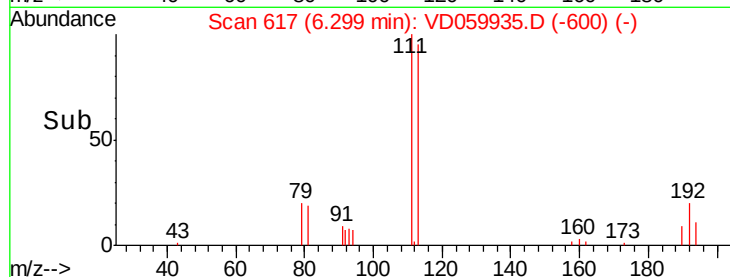
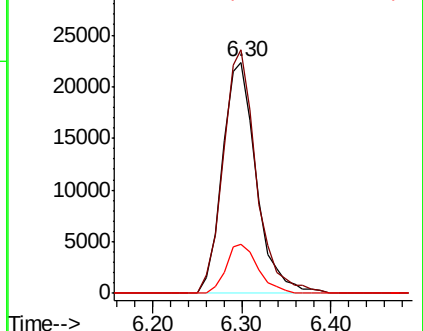
192 21.1 17.0 25.6



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: 9.43 min Scan# 935

Delta R.T. -0.03 min

Lab File: VD059935.D

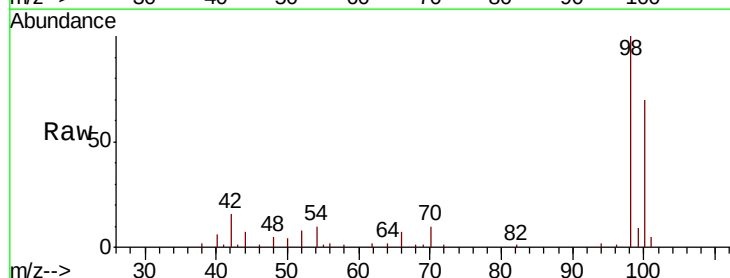
Acq: 31 Aug 2018 14:56

Tgt Ion: 98 Resp: 87878

Ion Ratio Lower Upper

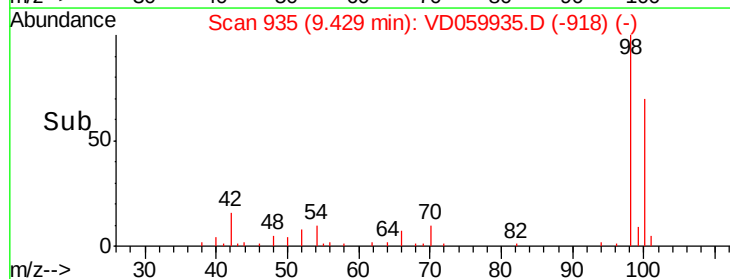
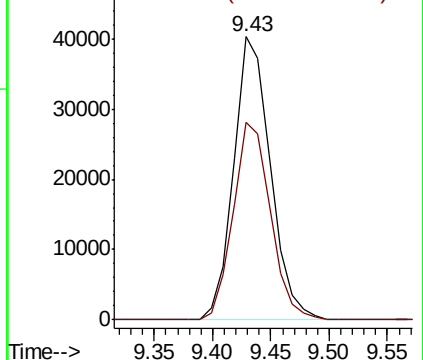
98 100

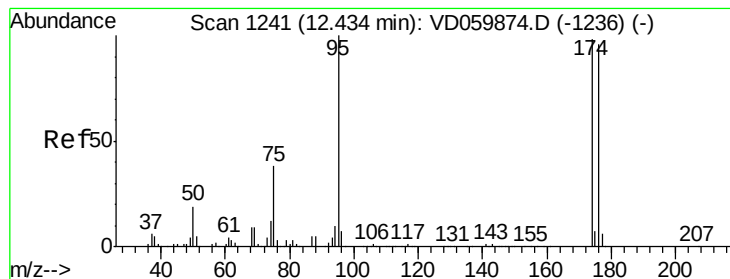
100 69.6 55.8 83.6



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: 12.41 min Scan# 1238

Delta R.T. -0.02 min

Lab File: VD059935.D

Acq: 31 Aug 2018 14:56

Instrument :

MSVOA_D

ClientSampleId :

CL-02-082918-A

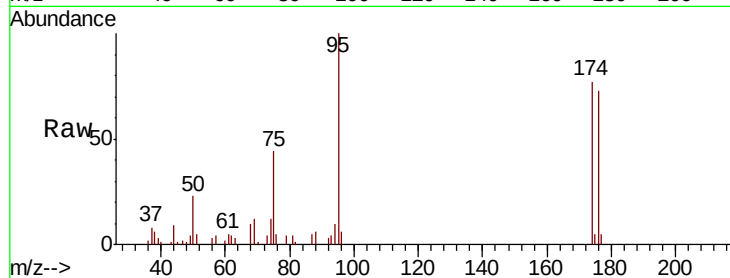
Tot Ion: 95 Resp: 41258

Ion Ratio Lower Upper

95 100

174 77.3 0.0 195.6

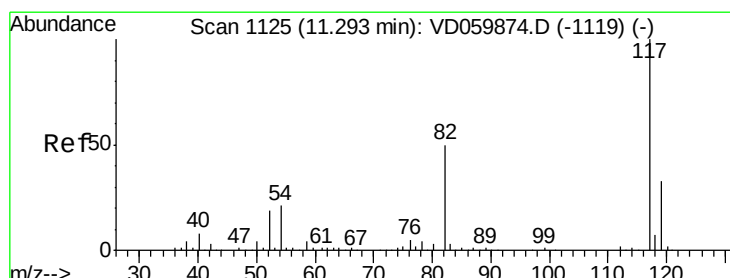
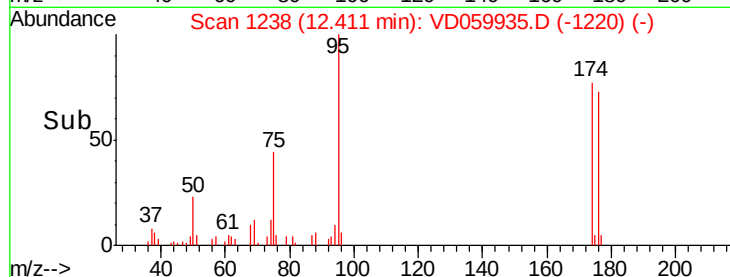
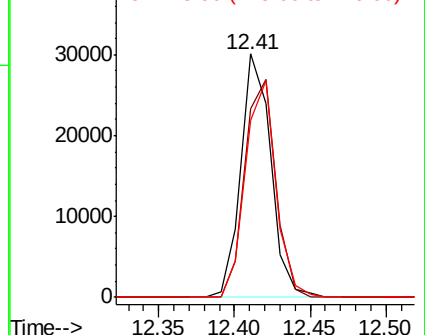
176 72.8 0.0 191.2



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: 50.00 ug/l

RT: 11.27 min Scan# 1122

Delta R.T. -0.02 min

Lab File: VD059935.D

Acq: 31 Aug 2018 14:56

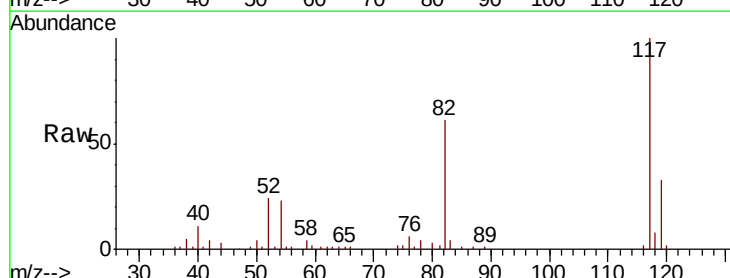
Tgt Ion: 117 Resp: 113895

Ion Ratio Lower Upper

117 100

82 60.7 40.1 60.1#

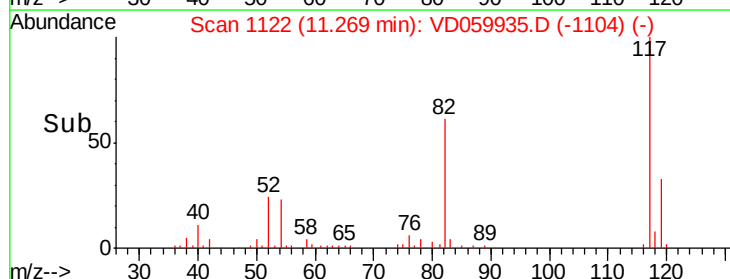
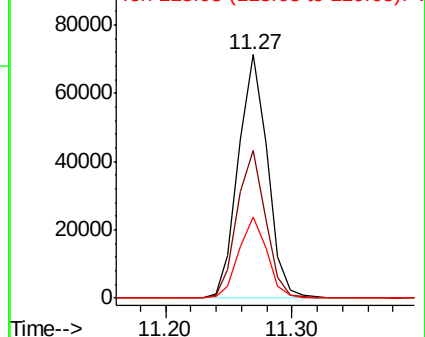
119 33.2 26.7 40.1

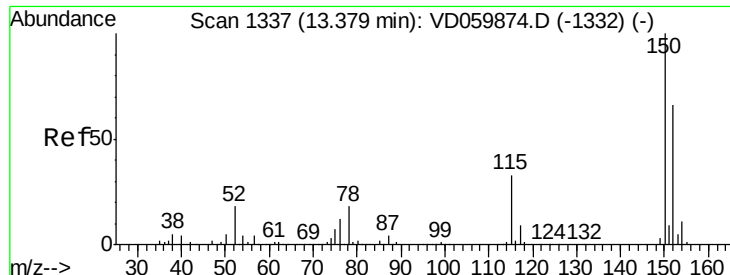


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.37 min Scan# 1335

Delta R.T. -0.01 min

Lab File: VD059935.D

Acq: 31 Aug 2018 14:56

Instrument :

MSVOA_D

ClientSampleId :

CL-02-082918-A

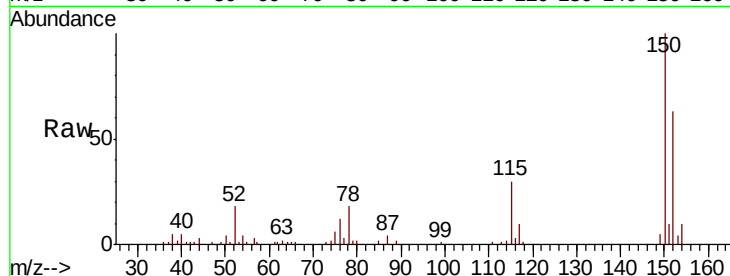
Tot Ion:152 Resp: 49018

Ion Ratio Lower Upper

152 100

115 47.3 25.7 77.0

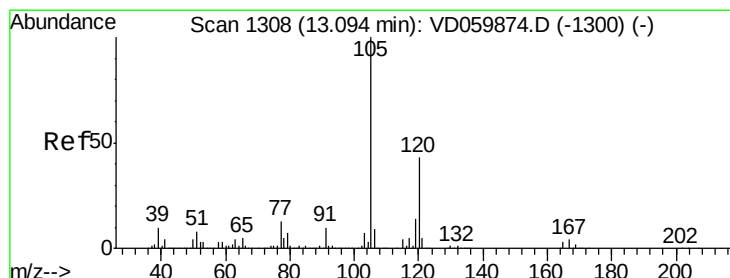
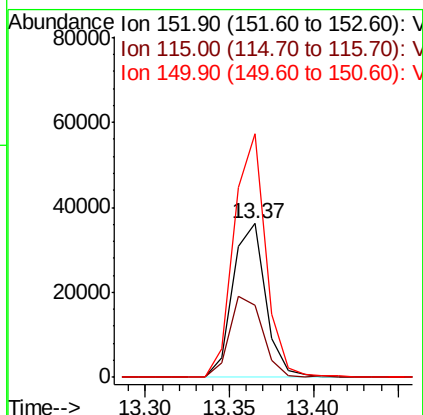
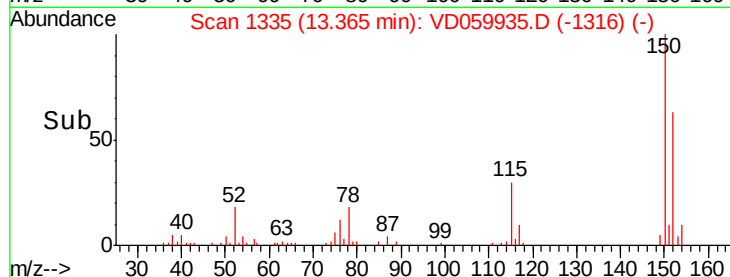
150 158.4 0.0 310.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.89 ug/l m

RT: 13.08 min Scan# 1306

Delta R.T. -0.01 min

Lab File: VD059935.D

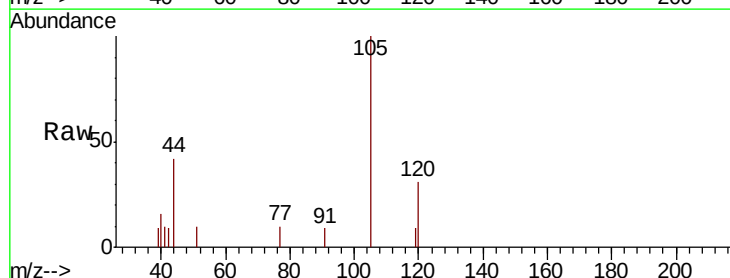
Acq: 31 Aug 2018 14:56

Tgt Ion:105 Resp: 4896

Ion Ratio Lower Upper

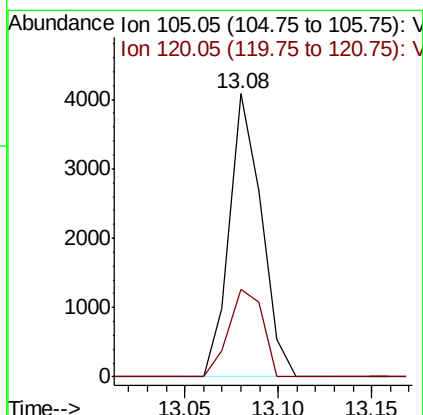
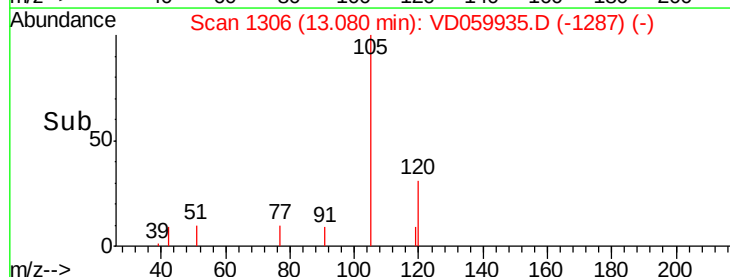
105 100

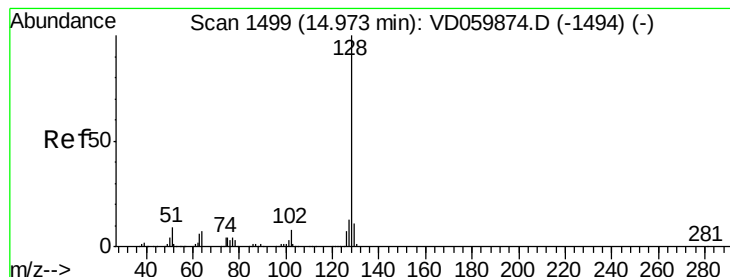
120 31.0 21.8 65.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#95

Naphthalene

Concen: 19.07 ug/l

RT: 14.96 min Scan# 1497

Delta R.T. -0.01 min

Lab File: VD059935.D

Acq: 31 Aug 2018 14:56

Instrument :

MSVOA_D

ClientSampleId :

CL-02-082918-A

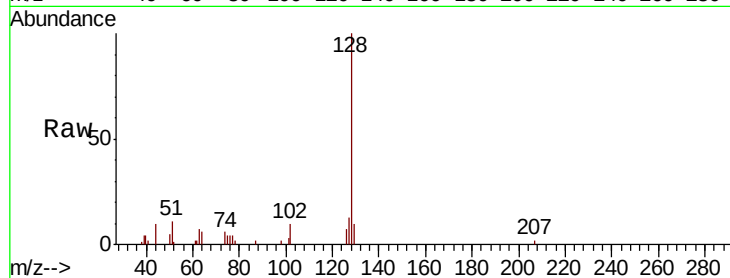
Tot Ion:128 Resp: 32857

Ion Ratio Lower Upper

128 100

127 13.5 10.0 15.0

129 10.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

