

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083118\
 Data File : VD059938.D
 Acq On : 31 Aug 2018 16:21
 Operator : JC/SY
 Sample : J4282-17RE
 Misc : 4.45g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-082918-B

Quant Time: Sep 01 03:11:18 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	1060790	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1491470	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1091266	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	401727	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.75	65	405848	45.39	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	90.78%	
35) Dibromofluoromethane	6.29	113	485959	41.56	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	83.12%	
50) Toluene-d8	9.43	98	1162074	35.81	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	71.62%	
62) 4-Bromofluorobenzene	12.41	95	366277	27.79	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	55.58%	

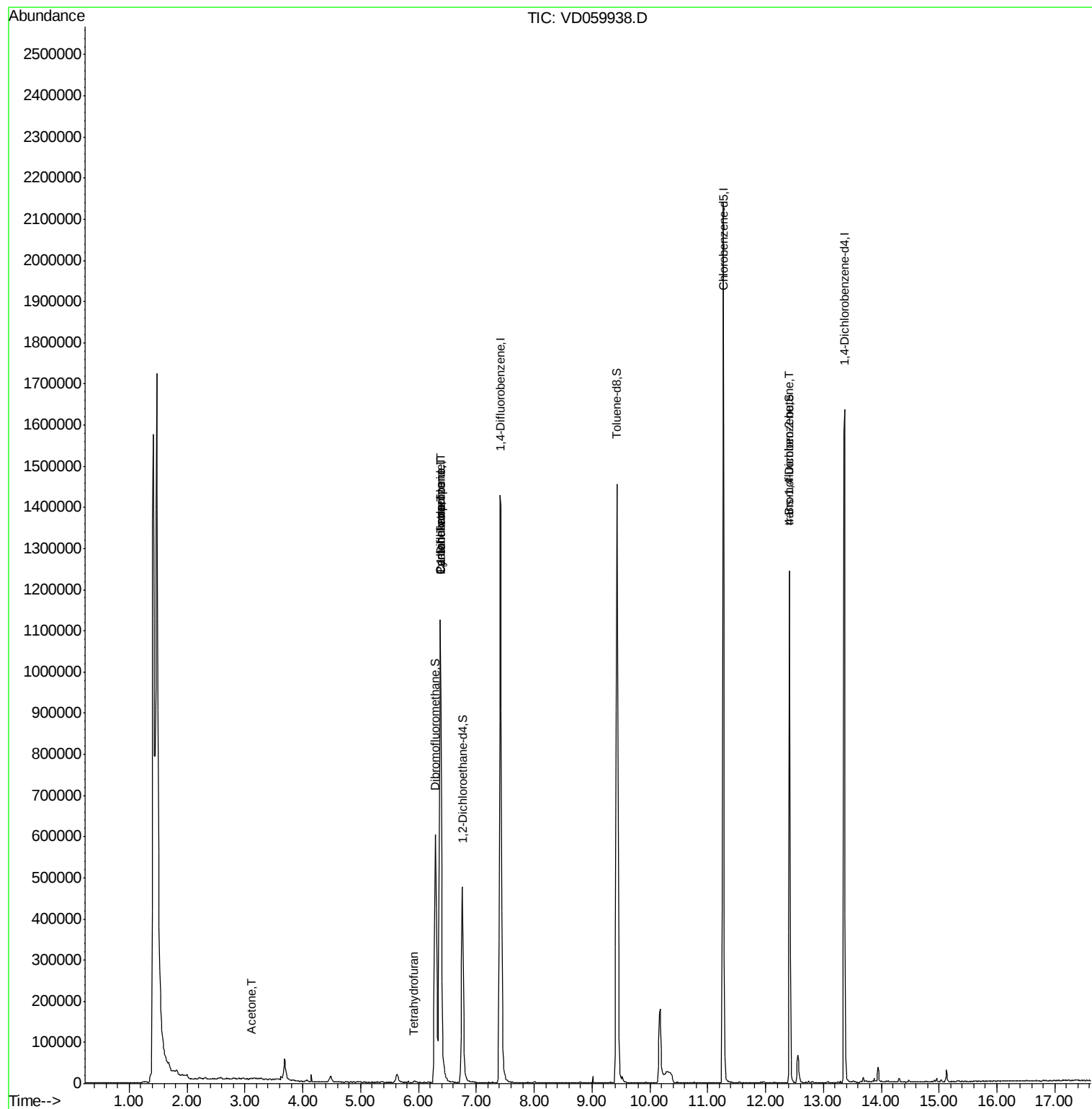
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.12	43	7940	4.87	ug/l	# 54
20) Methylene Chloride	3.69	84	28154	Below	Cal	89
29) Tetrahydrofuran	5.93	42	3617	1.57	ug/l	# 59
31) Cyclohexane	6.38	56	23174	1.36	ug/l	# 1
36) 1,1-Dichloropropene	6.38	75	80049	5.92	ug/l	# 46
38) Carbon Tetrachloride	6.38	117	86707	6.35	ug/l	# 14
81) trans-1,4-Dichloro-2-buten	12.41	75	155296	79.96	ug/l	# 12
89) n-Butylbenzene	13.63	91	716	Below	Cal	# 29

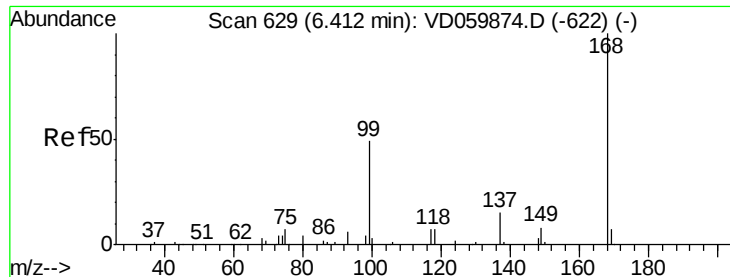
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD083118\
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Quant Time: Sep 01 03:11:18 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: VD059938.D

Acq: 31 Aug 2018 16:21

Instrument :

MSVOA_D

ClientSampleId :

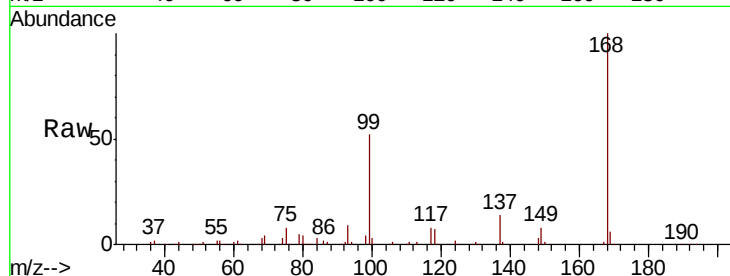
SU-01-082918-B

Tot Ion:168 Resp: 1060790

Ion Ratio Lower Upper

168 100

99 51.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

400000

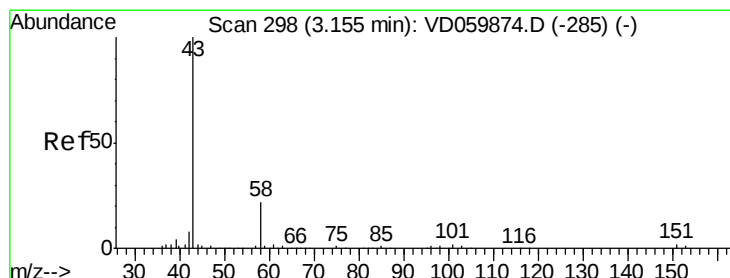
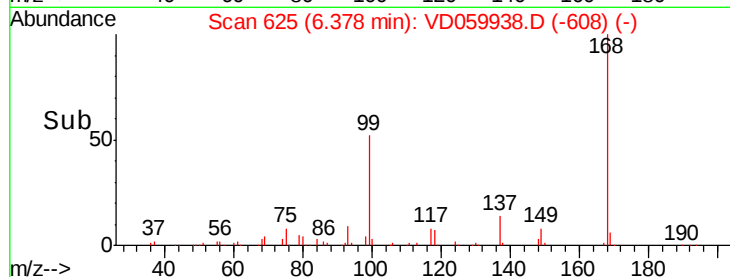
300000

200000

100000

0

Time--> 6.20 6.40 6.60



#16

Acetone

Concen: 4.87 ug/l

RT: 3.12 min Scan# 294

Delta R.T. -0.03 min

Lab File: VD059938.D

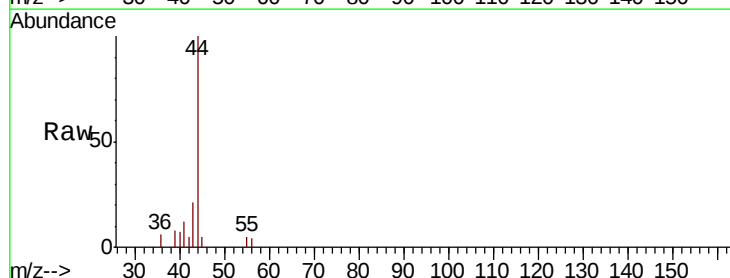
Acq: 31 Aug 2018 16:21

Tgt Ion: 43 Resp: 7940

Ion Ratio Lower Upper

43 100

58 0.0 17.6 26.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.12

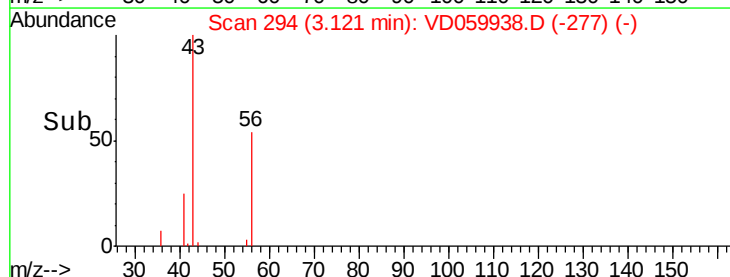
1500

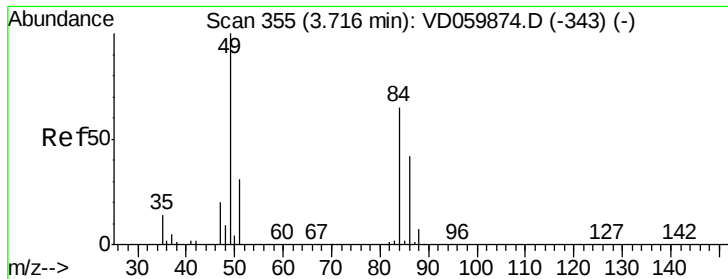
1000

500

0

Time--> 3.05 3.10 3.15 3.20 3.25

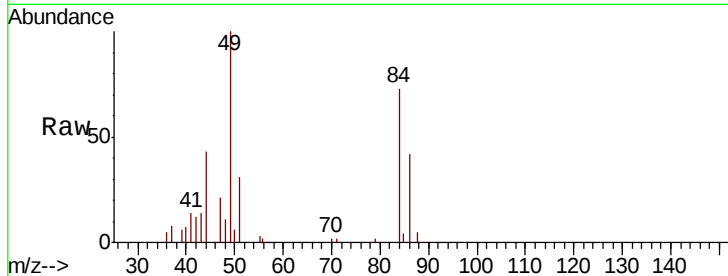




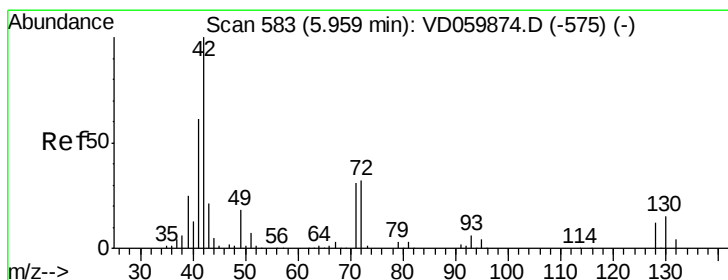
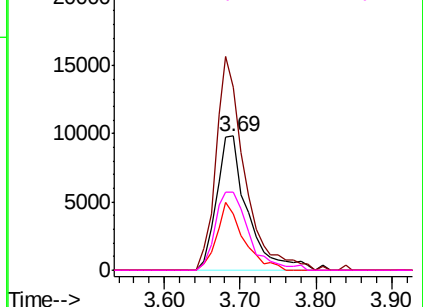
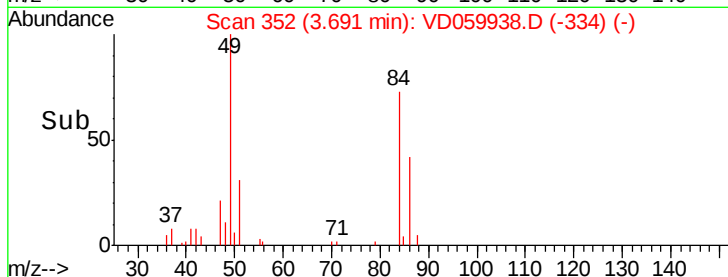
#20
Methylene Chloride
Concen: Below Cal
RT: 3.69 min Scan# 352
Delta R.T. -0.02 min
Lab File: VD059938.D
Acq: 31 Aug 2018 16:21

Instrument :
MSVOA_D
ClientSampleId :
SU-01-082918-B

Tot Ion: 84 Resp: 28154
Ion Ratio Lower Upper
84 100
49 136.1 122.6 183.8
51 42.0 38.4 57.6
86 57.8 51.5 77.3

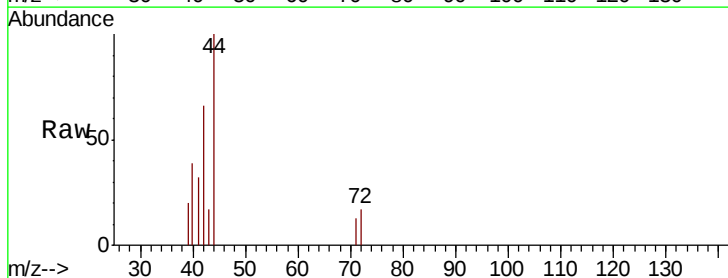


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

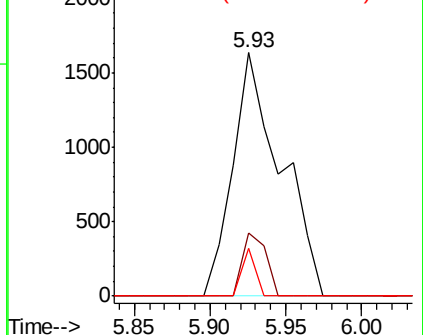
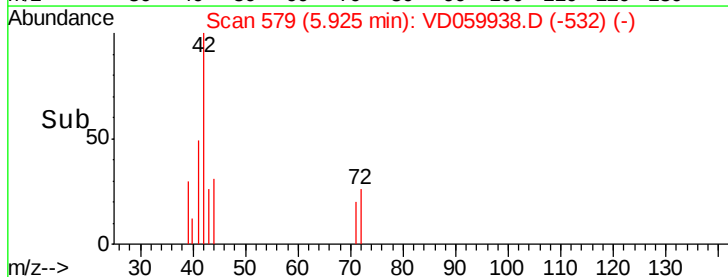


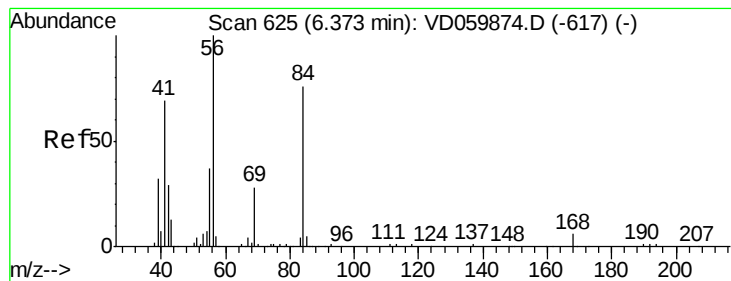
#29
Tetrahydrofuran
Concen: 1.57 ug/l
RT: 5.93 min Scan# 579
Delta R.T. -0.03 min
Lab File: VD059938.D
Acq: 31 Aug 2018 16:21

Tgt Ion: 42 Resp: 3617
Ion Ratio Lower Upper
42 100
72 12.4 25.7 38.5#
71 5.2 25.3 37.9#



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC





#31

Cyclohexane

Concen: 1.36 ug/l

RT: 6.38 min Scan# 625

Delta R.T. 0.01 min

Lab File: VD059938.D

Acq: 31 Aug 2018 16:21

Instrument :

MSVOA_D

ClientSampleId :

SU-01-082918-B

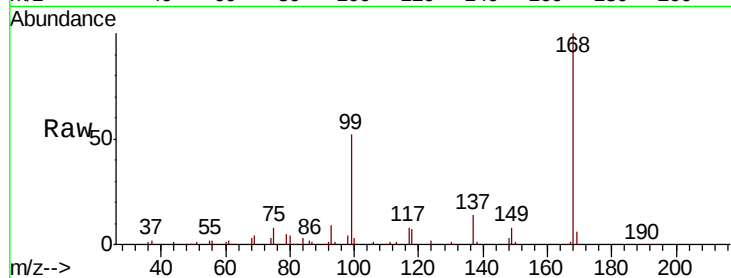
Tot Ion: 56 Resp: 23174

Ion Ratio Lower Upper

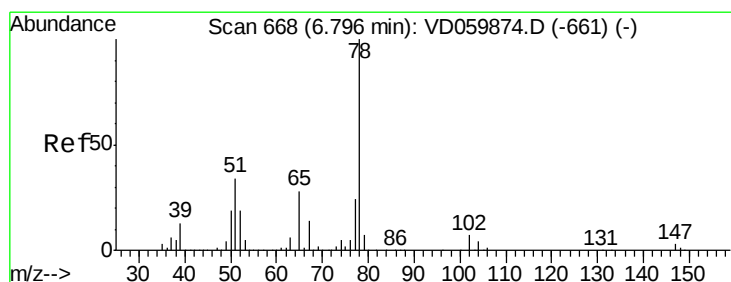
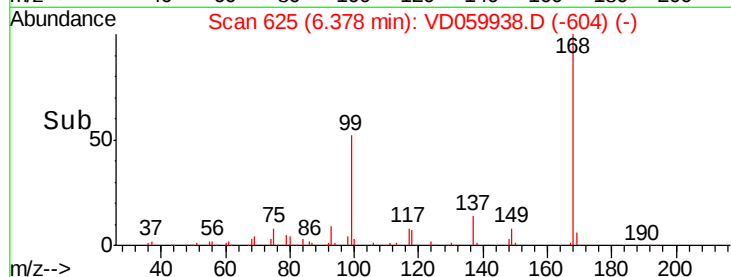
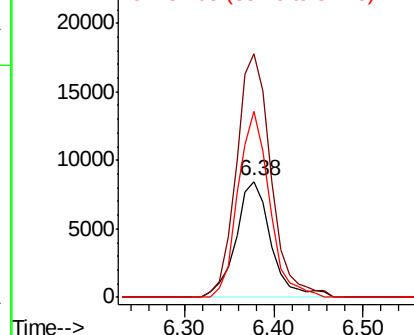
56 100

69 210.4 22.4 33.6#

84 160.9 62.1 93.1#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.75 min Scan# 663

Delta R.T. -0.04 min

Lab File: VD059938.D

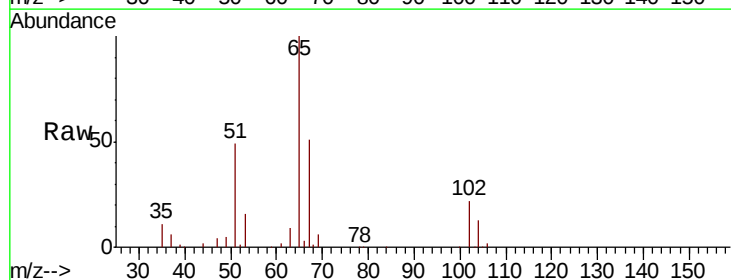
Acq: 31 Aug 2018 16:21

Tgt Ion: 65 Resp: 405848

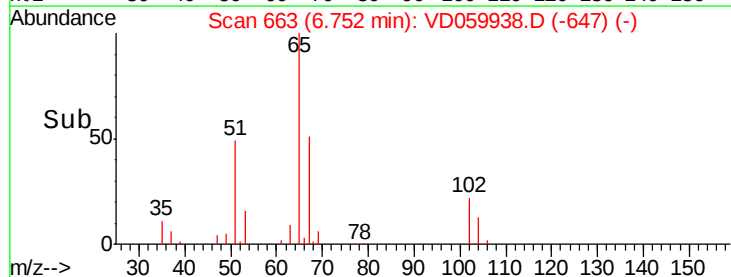
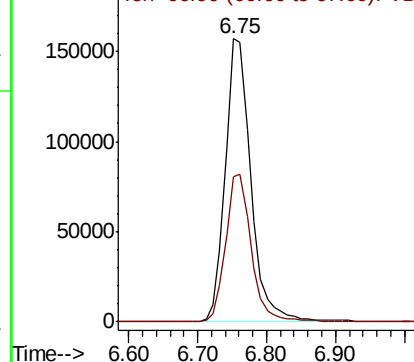
Ion Ratio Lower Upper

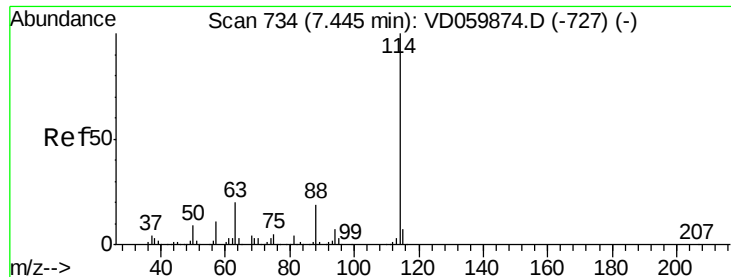
65 100

67 51.3 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 731

Delta R.T. -0.02 min

Lab File: VD059938.D

Acq: 31 Aug 2018 16:21

Instrument :

MSVOA_D

ClientSampleId :

SU-01-082918-B

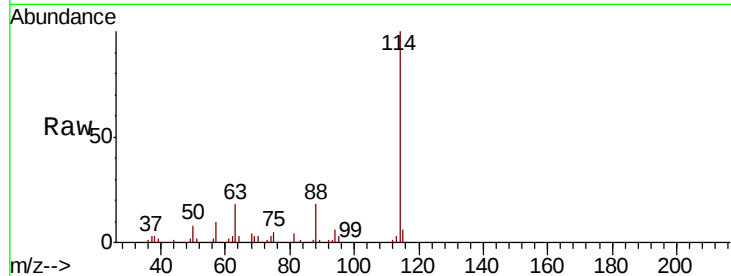
Tot Ion:114 Resp: 1491470

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.4

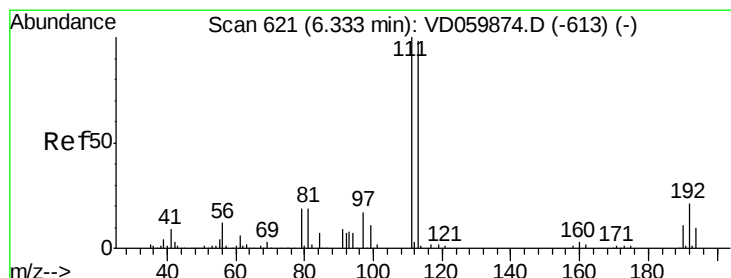
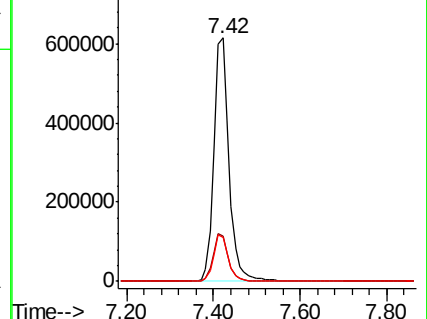
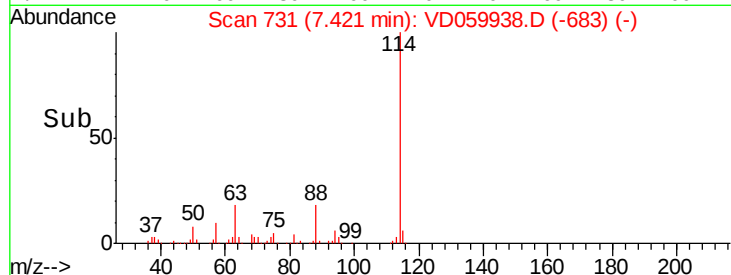
88 18.0 0.0 37.6



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: 50.00 ug/l

RT: 6.29 min Scan# 616

Delta R.T. -0.04 min

Lab File: VD059938.D

Acq: 31 Aug 2018 16:21

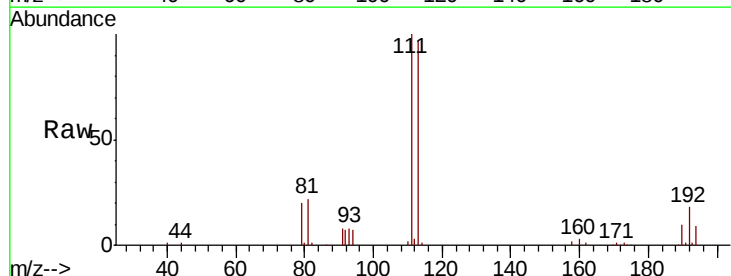
Tgt Ion:113 Resp: 485959

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.2

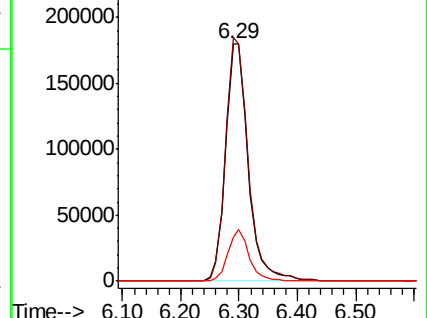
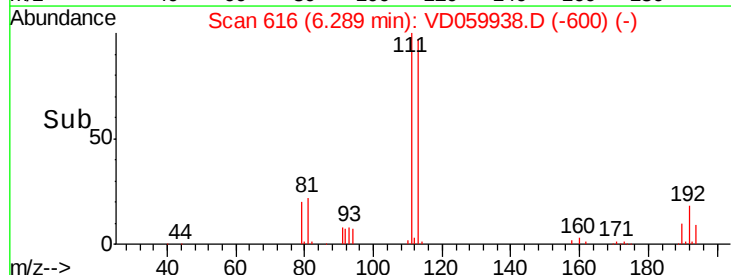
192 18.4 17.0 25.6

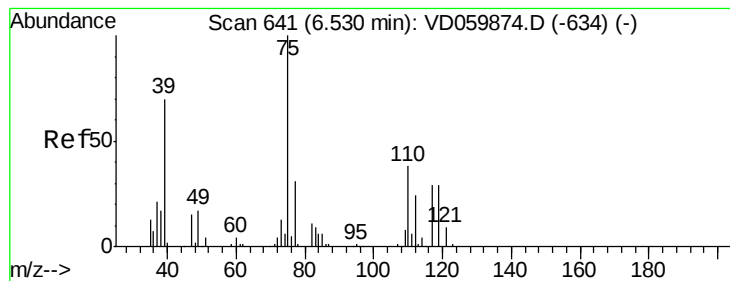


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.92 ug/l

RT: 6.38 min Scan# 625

Delta R.T. -0.15 min

Lab File: VD059938.D

Acq: 31 Aug 2018 16:21

Instrument :

MSVOA_D

ClientSampleId :

SU-01-082918-B

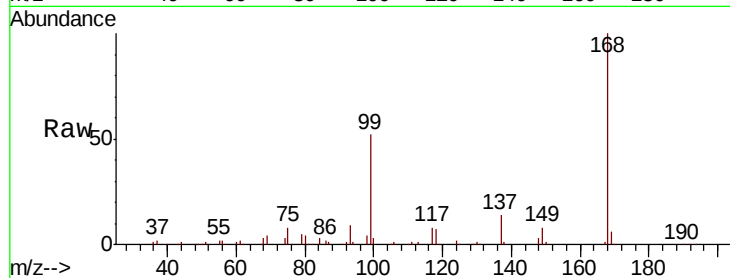
Tot Ion: 75 Resp: 80049

Ion Ratio Lower Upper

75 100

110 5.9 18.6 56.0#

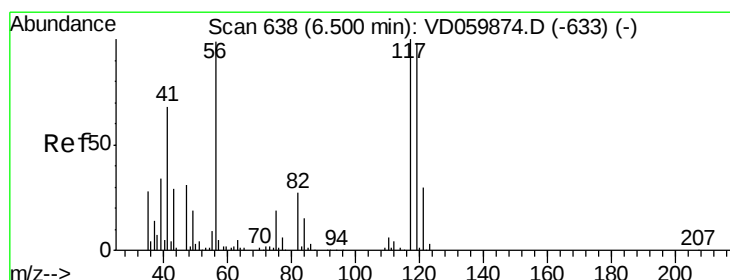
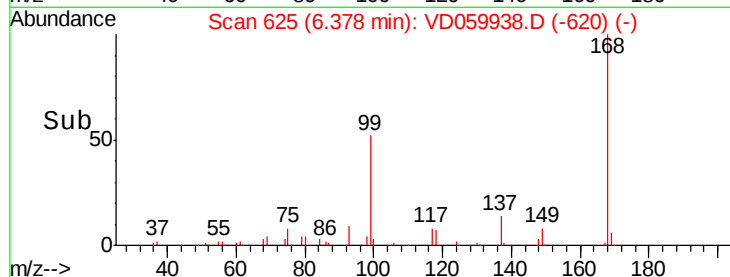
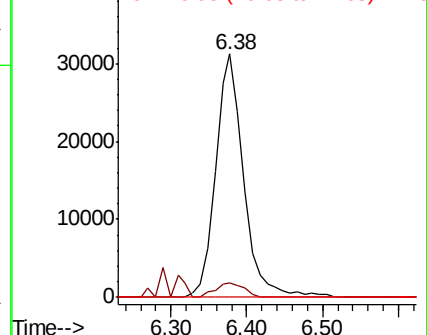
77 0.0 25.1 37.7#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 6.35 ug/l

RT: 6.38 min Scan# 625

Delta R.T. -0.12 min

Lab File: VD059938.D

Acq: 31 Aug 2018 16:21

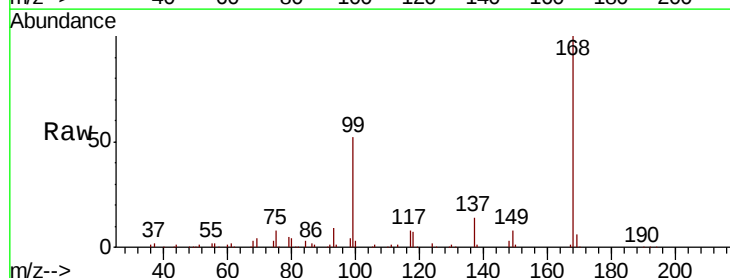
Tgt Ion: 117 Resp: 86707

Ion Ratio Lower Upper

117 100

119 3.5 77.2 115.8#

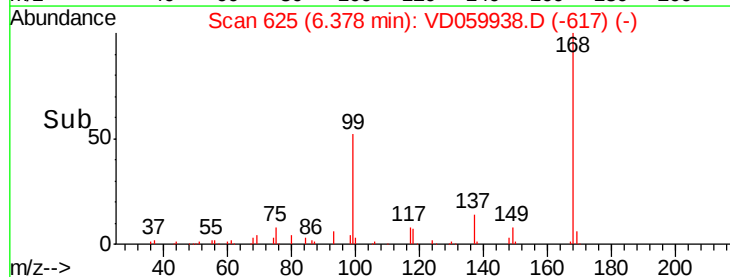
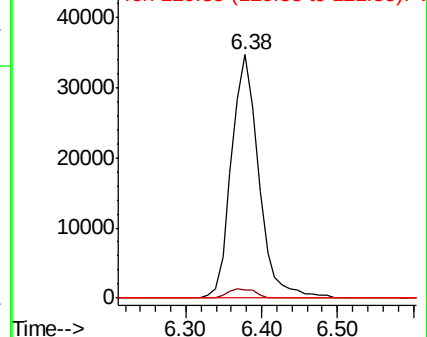
121 0.0 24.0 36.0#

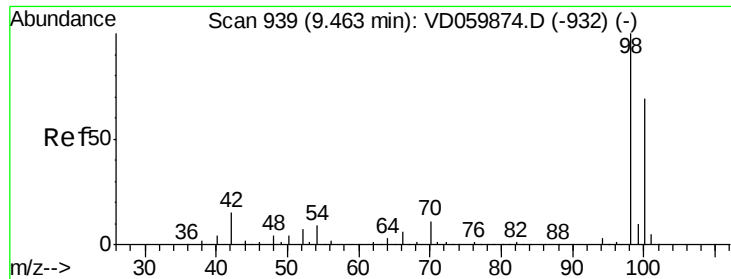


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

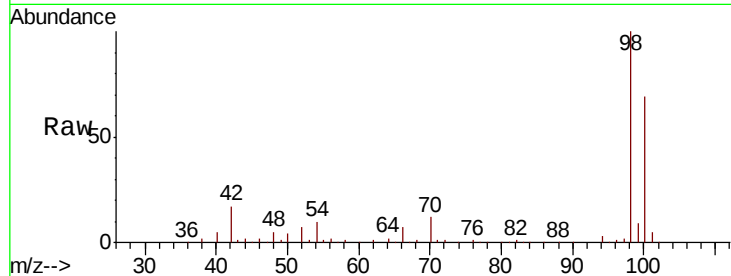




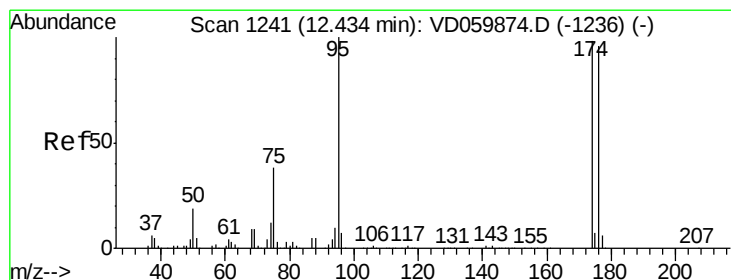
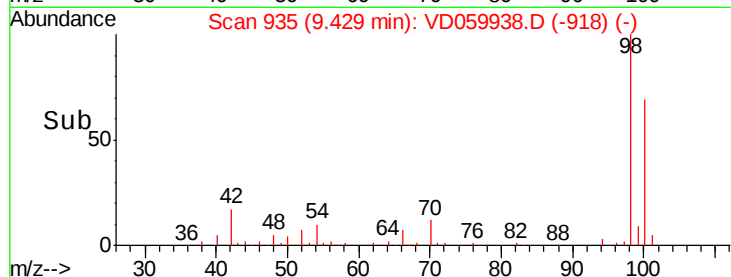
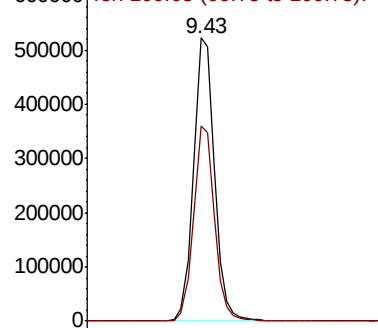
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 935
Delta R.T. -0.03 min
Lab File: VD059938.D
Acq: 31 Aug 2018 16:21

Instrument :
MSVOA_D
ClientSampleId :
SU-01-082918-B

Tot Ion: 98 Resp: 1162074
Ion Ratio Lower Upper
98 100
100 69.1 55.8 83.6

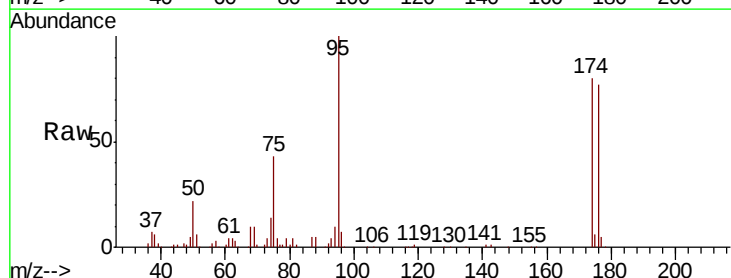


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

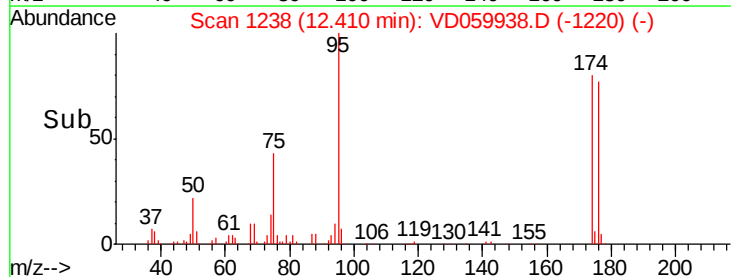
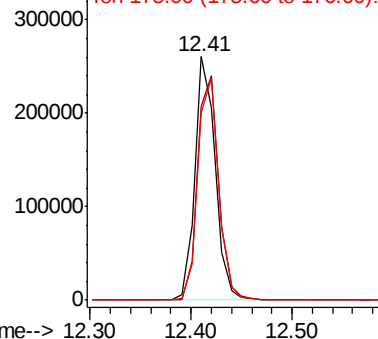


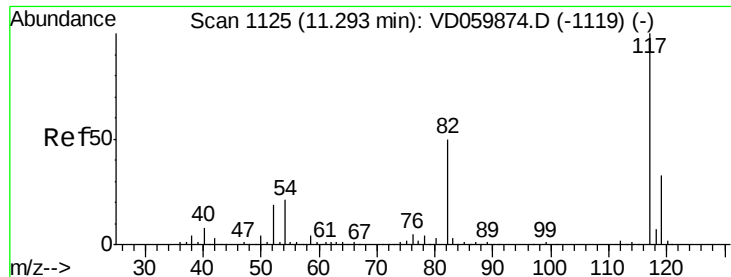
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1238
Delta R.T. -0.02 min
Lab File: VD059938.D
Acq: 31 Aug 2018 16:21

Tgt Ion: 95 Resp: 366277
Ion Ratio Lower Upper
95 100
174 79.7 0.0 195.6
176 77.2 0.0 191.2



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

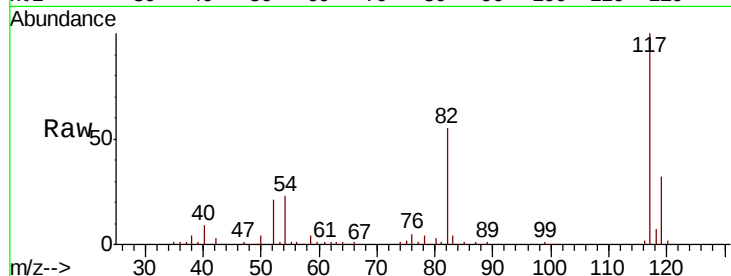




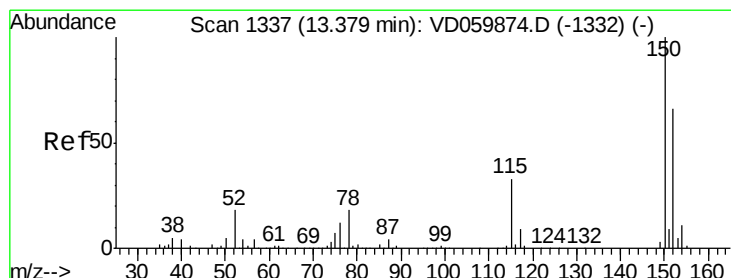
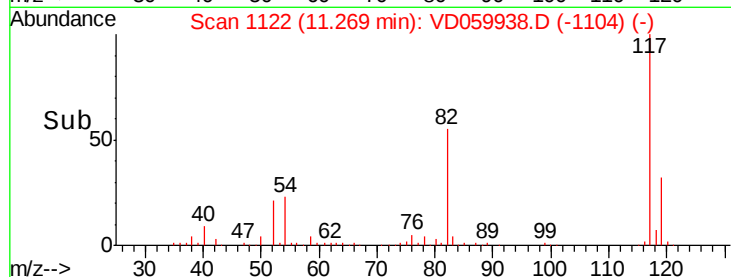
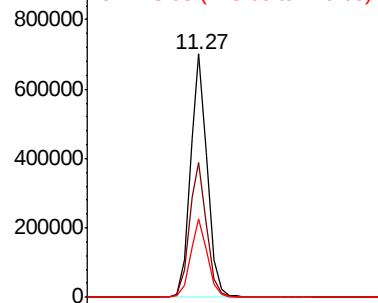
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VD059938.D
Acq: 31 Aug 2018 16:21

Instrument :
MSVOA_D
ClientSampleId :
SU-01-082918-B

Tot Ion:117 Resp: 1091266
Ion Ratio Lower Upper
117 100
82 55.4 40.1 60.1
119 32.4 26.7 40.1

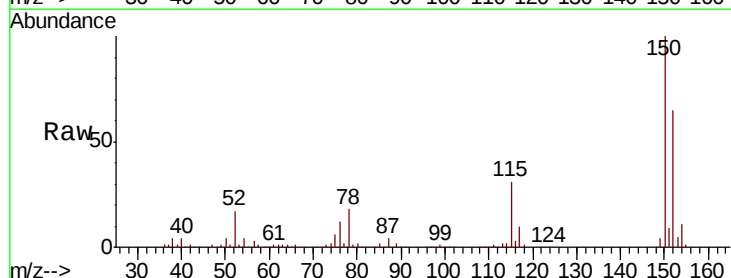


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

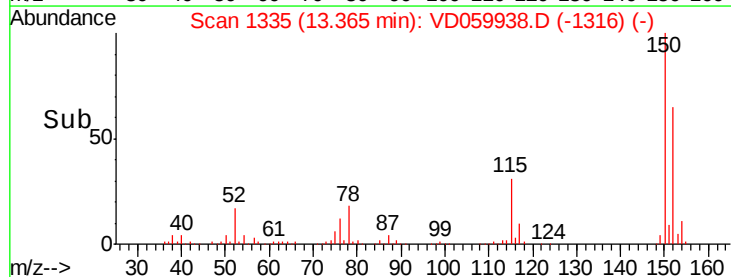
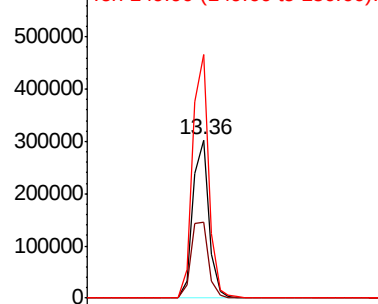


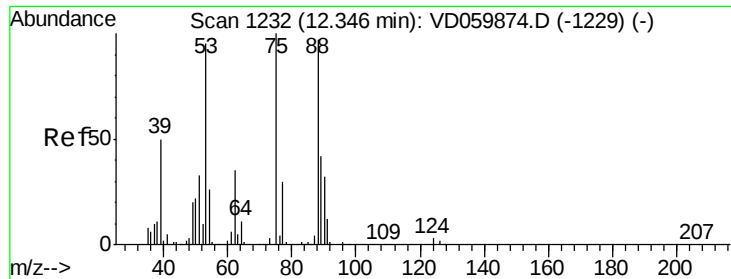
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1335
Delta R.T. -0.01 min
Lab File: VD059938.D
Acq: 31 Aug 2018 16:21

Tgt Ion:152 Resp: 401727
Ion Ratio Lower Upper
152 100
115 48.2 25.7 77.0
150 153.9 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





#81

trans-1,4-Dichloro-2-butene

Concen: 79.96 ug/l

RT: 12.41 min Scan# 1238

Delta R.T. 0.06 min

Lab File: VD059938.D

Acq: 31 Aug 2018 16:21

Instrument :

MSVOA_D

ClientSampleId :

SU-01-082918-B

Tot Ion: 75 Resp: 155296

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.6#

89 0.0 33.6 50.4#

