

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081618\
 Data File : VD059815.D
 Acq On : 16 Aug 2018 17:19
 Operator : VA/AP
 Sample : J4460-11
 Misc : 5.05µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 17 05:35:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 16:08:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	273579	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.67	114	344282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	268462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	132759	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	167121	47.54	ug/l	-0.02
Spiked Amount						
			Recovery	=	95.08%	
35) Dibromofluoromethane	5.52	113	148847	49.61	ug/l	-0.02
Spiked Amount						
			Recovery	=	99.22%	
50) Toluene-d8	8.69	98	297349	41.84	ug/l	-0.02
Spiked Amount						
			Recovery	=	83.68%	
62) 4-Bromofluorobenzene	11.92	95	125288	39.36	ug/l	0.00
Spiked Amount						
			Recovery	=	78.72%	

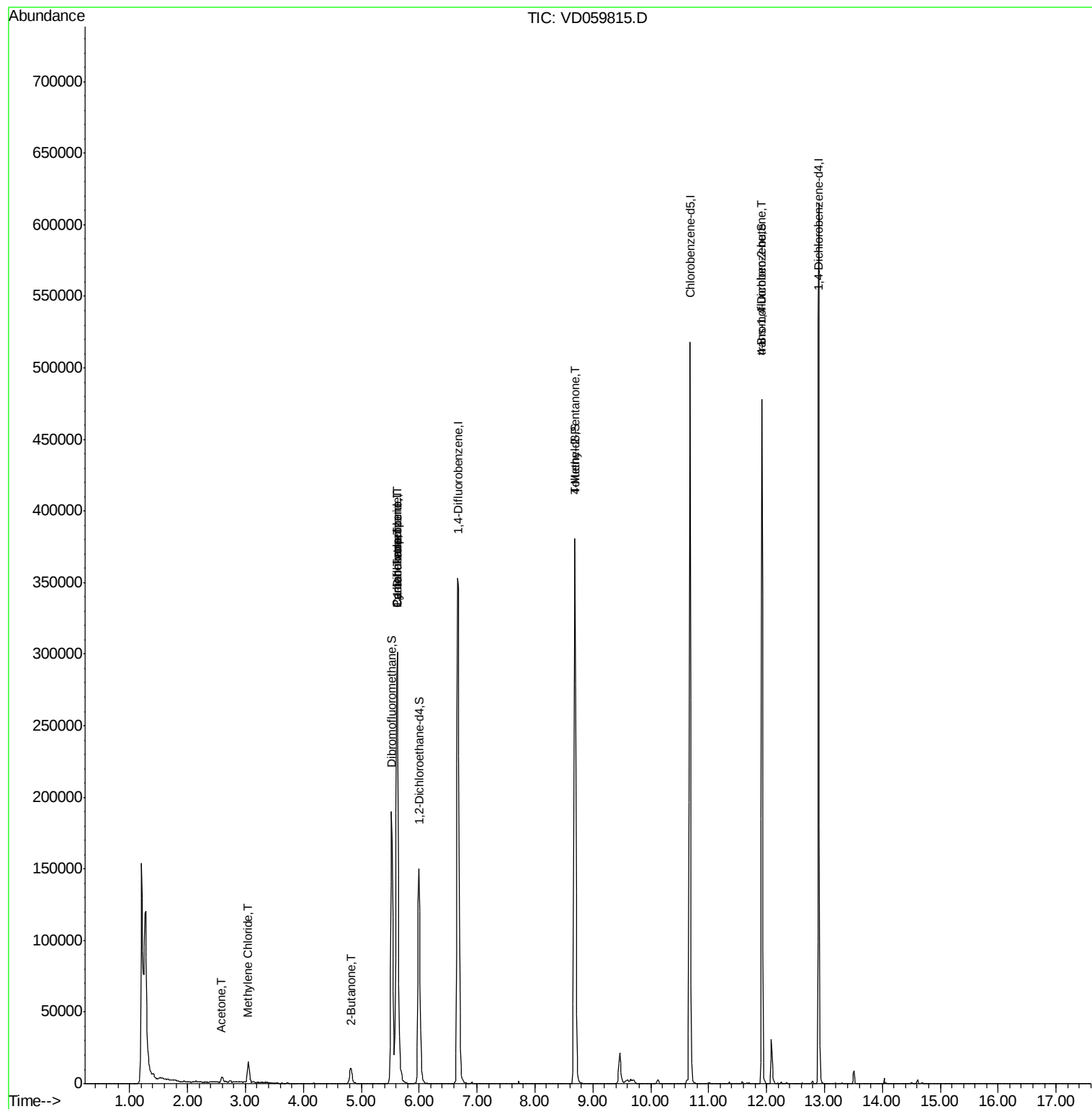
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.59	43	7702	13.884	ug/l #	91
20) Methylene Chloride	3.05	84	7354	1.916	ug/l #	83
25) 2-Butanone	4.84	43	1700	2.002	ug/l #	58
31) Cyclohexane	5.61	56	7184	2.012	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	25536	7.229	ug/l #	47
38) Carbon Tetrachloride	5.62	117	26469	6.211	ug/l #	15
51) 4-Methyl-2-Pentanone	8.68	43	1973	1.170	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.92	75	67277	152.664	ug/l #	1

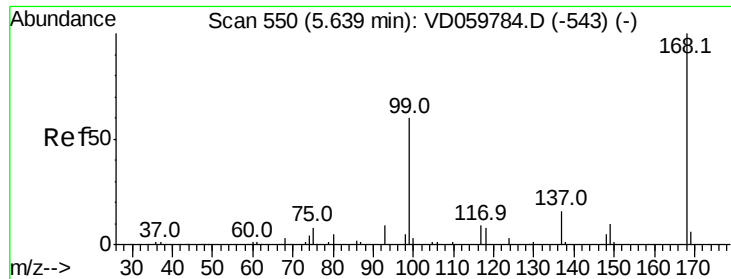
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081618\
Data File : VD059815.D
Acq On : 16 Aug 2018 17:19
Operator : VA/AP
Sample : J4460-11
Misc : 5.05g/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 17 05:35:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD059815.D

Acq: 16 Aug 2018 17:19

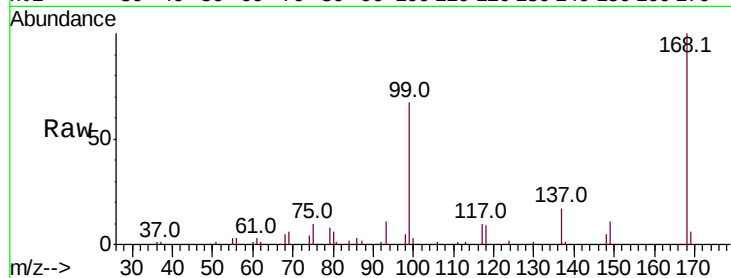
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 273579

Ion Ratio Lower Upper

168 100

99 67.4 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.62

100000

80000

60000

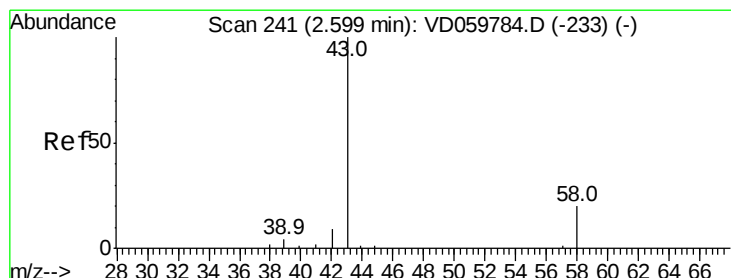
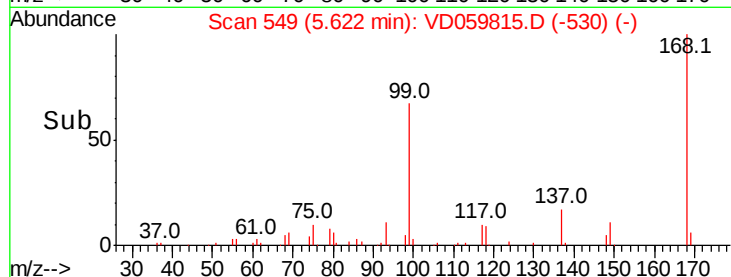
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.884 ug/l

RT: 2.59 min Scan# 241

Delta R.T. -0.01 min

Lab File: VD059815.D

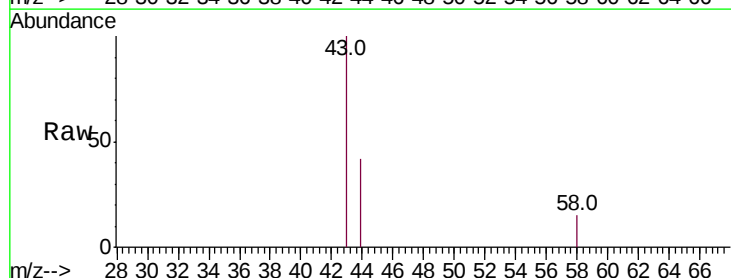
Acq: 16 Aug 2018 17:19

Tgt Ion: 43 Resp: 7702

Ion Ratio Lower Upper

43 100

58 15.5 15.7 23.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.59

3000

2500

2000

1500

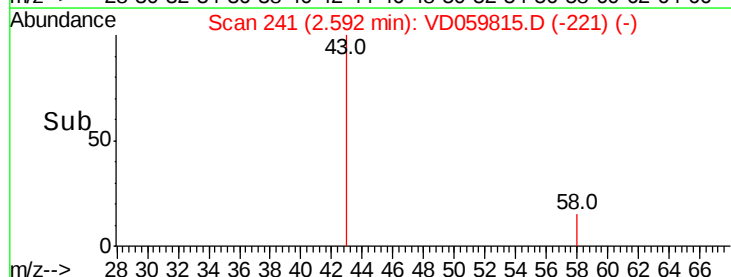
1000

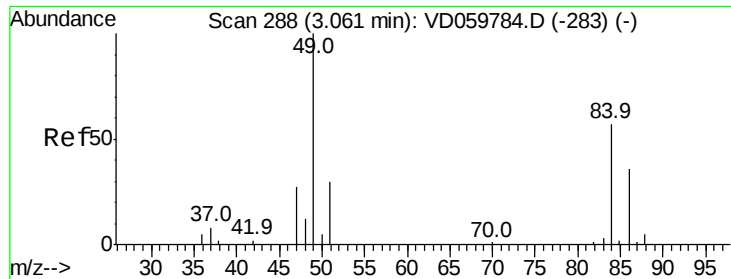
500

0

Time-->

2.50 2.55 2.60 2.65 2.70

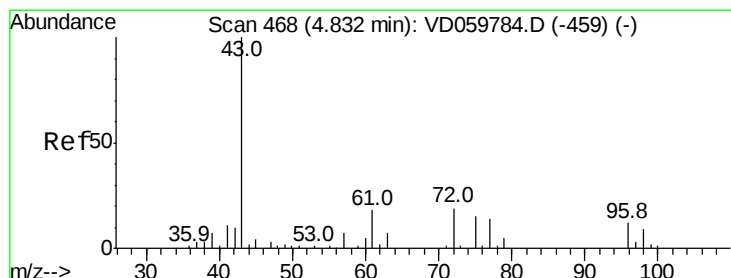
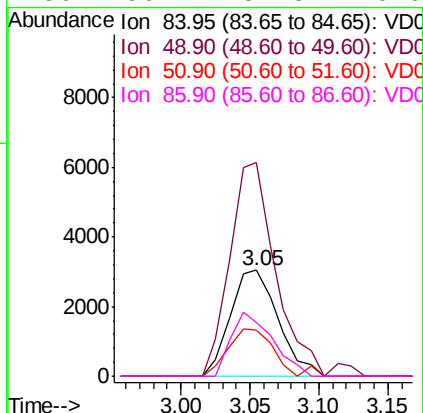
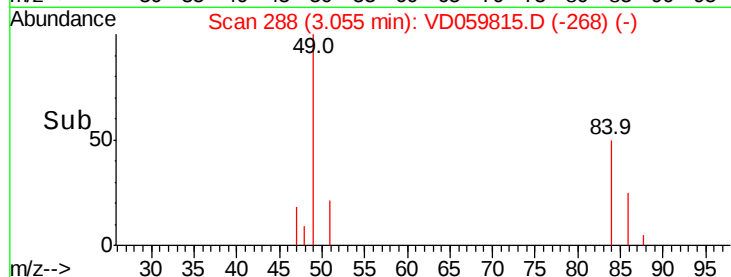
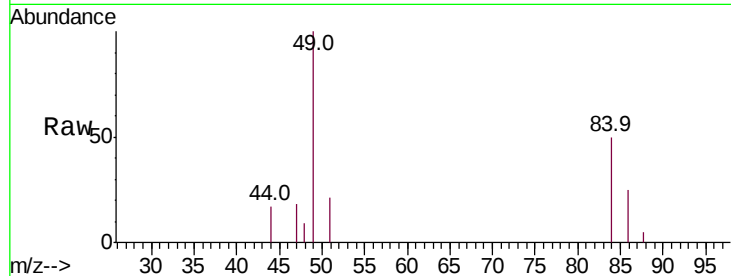




#20
Methvlene Chloride
Concen: 1.916 ug/l
RT: 3.05 min Scan# 288
Delta R.T. -0.01 min
Lab File: VD059815.D
Acq: 16 Aug 2018 17:19

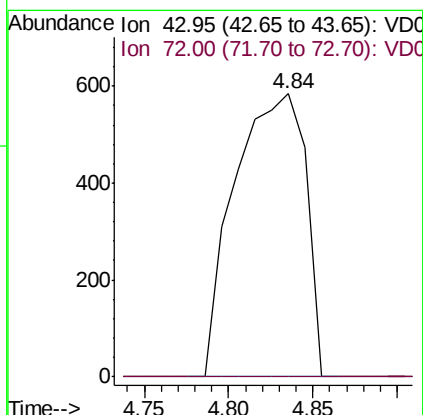
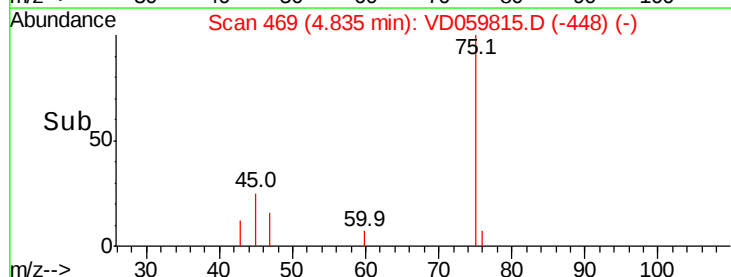
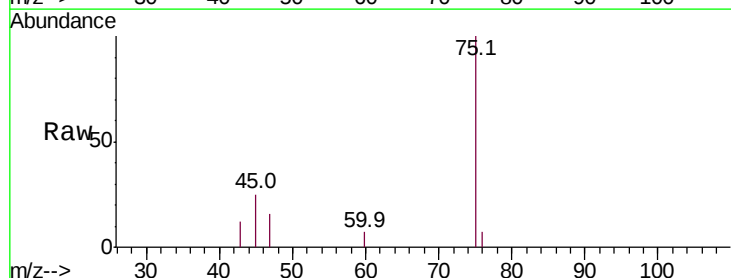
Instrument :
MSVOA_D
ClientSampleId :

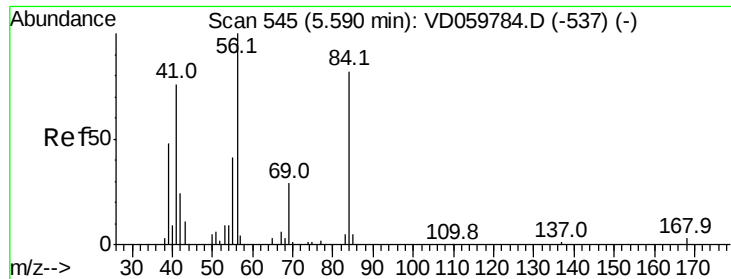
Tot Ion: 84 Resp: 7354
Ion Ratio Lower Upper
84 100
49 201.5 140.9 211.3
51 43.0 42.8 64.2
86 50.2 51.3 76.9#



#25
2-Butanone
Concen: 2.002 ug/l
RT: 4.84 min Scan# 469
Delta R.T. 0.00 min
Lab File: VD059815.D
Acq: 16 Aug 2018 17:19

Tgt Ion: 43 Resp: 1700
Ion Ratio Lower Upper
43 100
72 0.0 14.9 22.3#

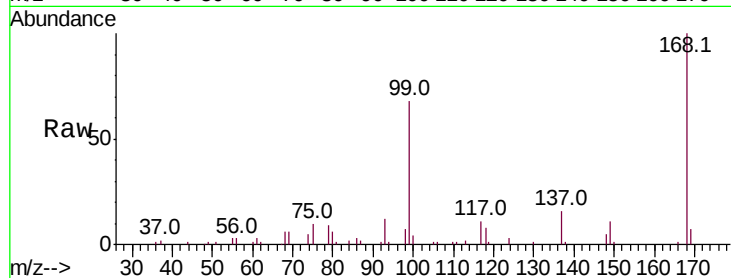




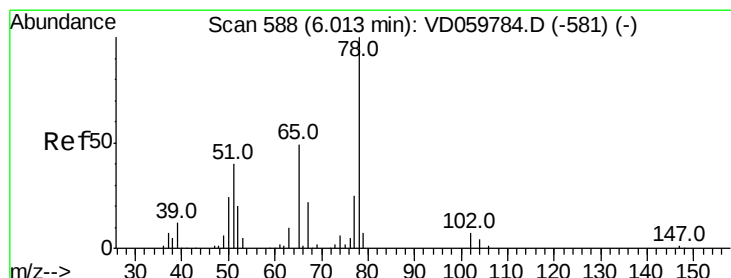
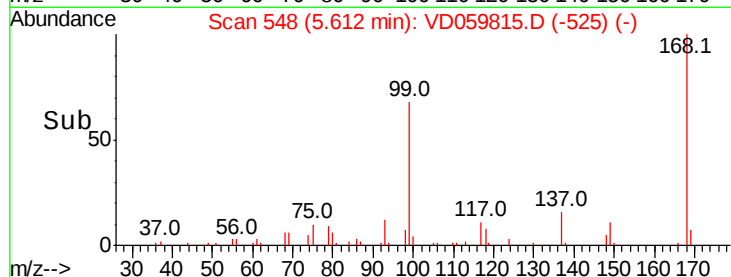
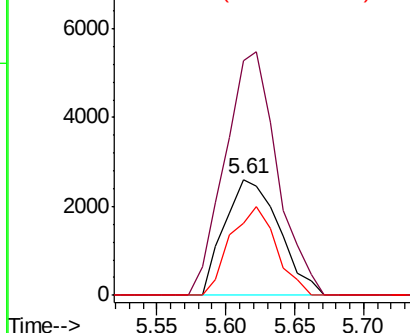
#31
Cyclohexane
Concen: 2.012 ug/l
RT: 5.61 min Scan# 548
Delta R.T. 0.02 min
Lab File: VD059815.D
Acq: 16 Aug 2018 17:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 7184
Ion Ratio Lower Upper
56 100
69 202.3 23.4 35.2#
84 62.0 65.4 98.2#

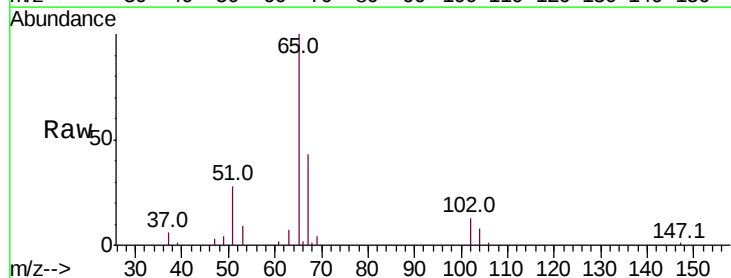


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

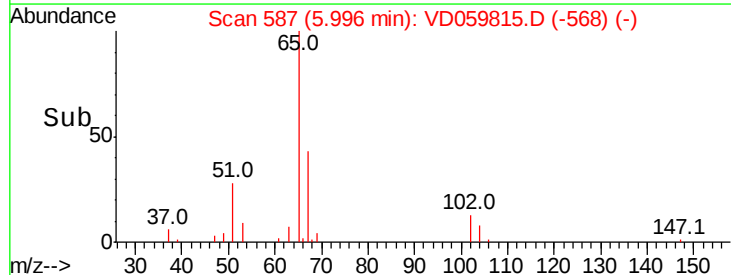
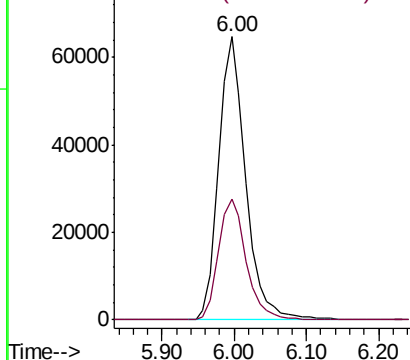


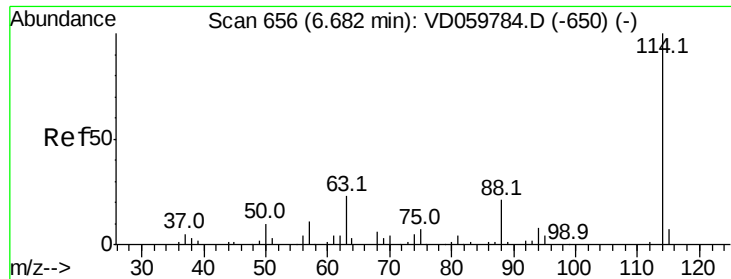
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. -0.02 min
Lab File: VD059815.D
Acq: 16 Aug 2018 17:19

Tgt Ion: 65 Resp: 167121
Ion Ratio Lower Upper
65 100
67 42.9 0.0 87.8



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

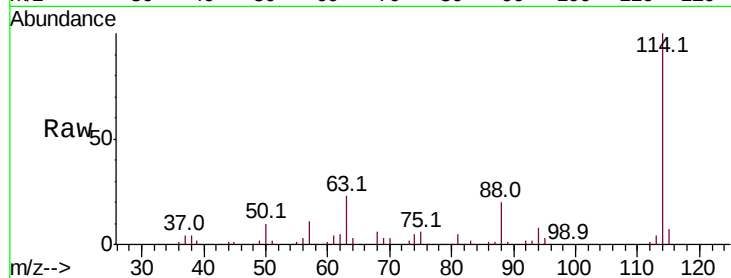




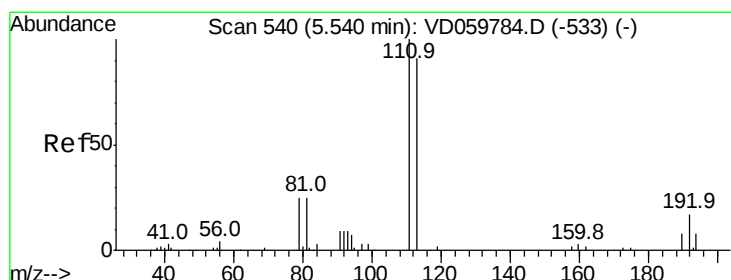
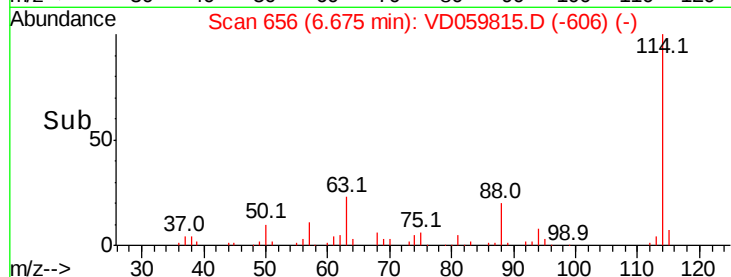
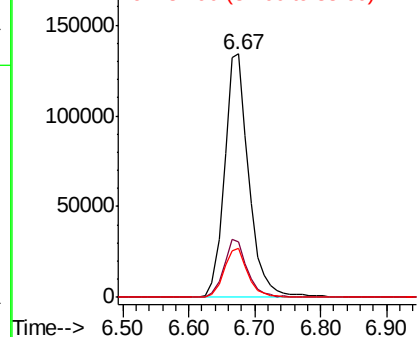
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.67 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VD059815.D
 Acq: 16 Aug 2018 17:19

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 344282
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 20.0 0.0 41.2

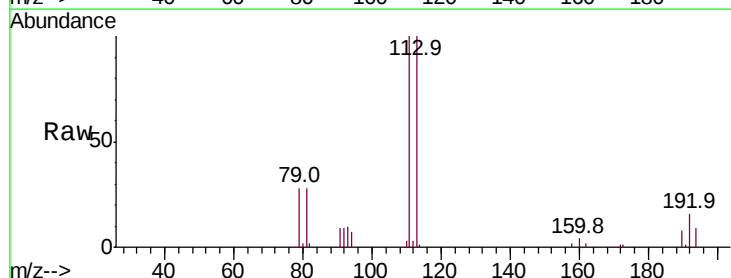


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

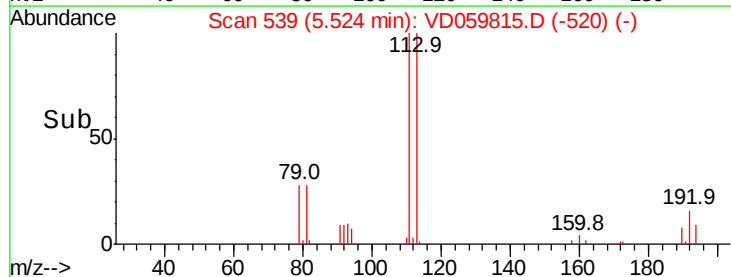
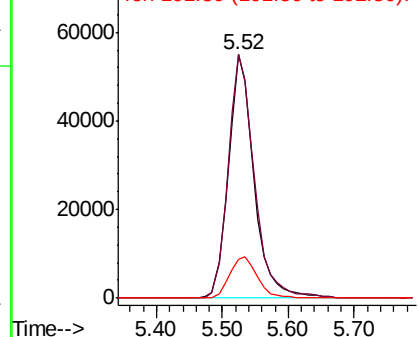


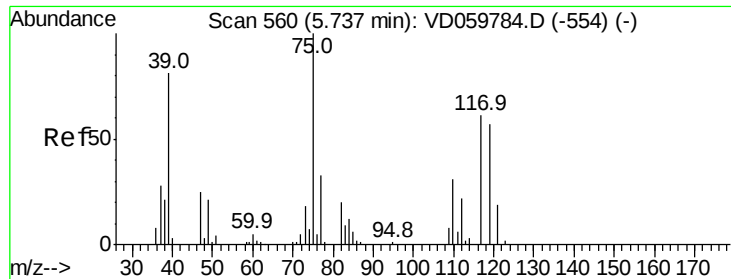
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.52 min Scan# 539
 Delta R.T. -0.02 min
 Lab File: VD059815.D
 Acq: 16 Aug 2018 17:19

Tgt Ion:113 Resp: 148847
 Ion Ratio Lower Upper
 113 100
 111 100.1 87.7 131.5
 192 15.9 14.6 21.8



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

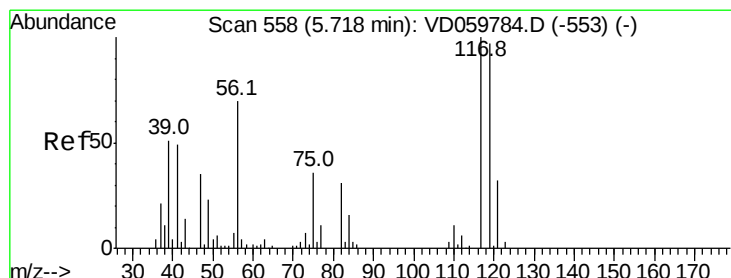
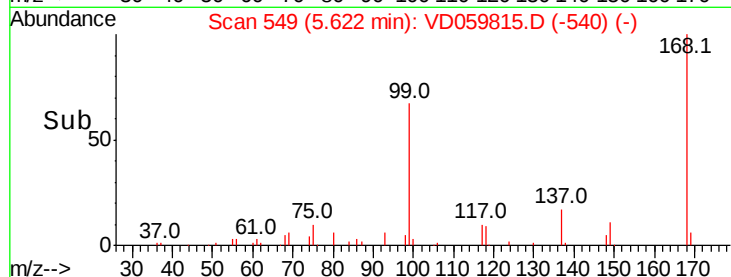
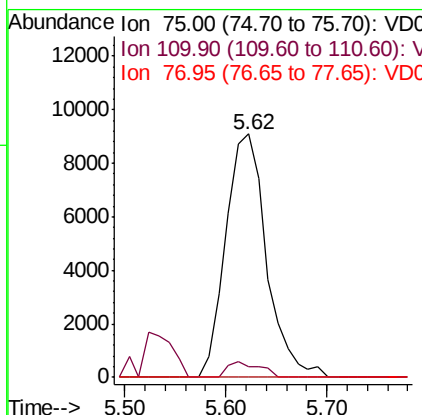
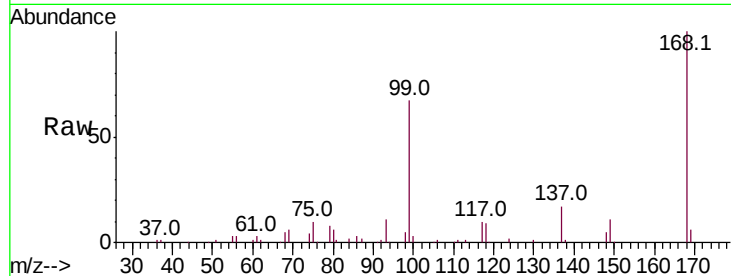




#36
 1,1-Dichloropropene
 Concen: 7.229 ug/l
 RT: 5.62 min Scan# 549
 Delta R.T. -0.11 min
 Lab File: VD059815.D
 Acq: 16 Aug 2018 17:19

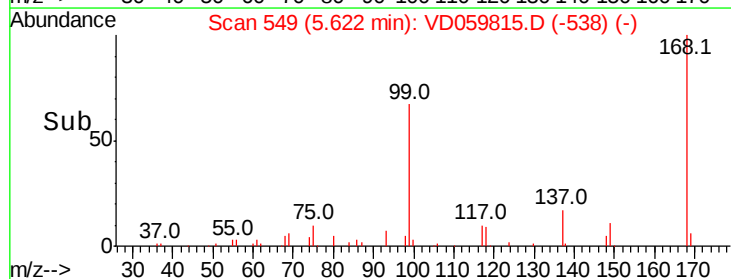
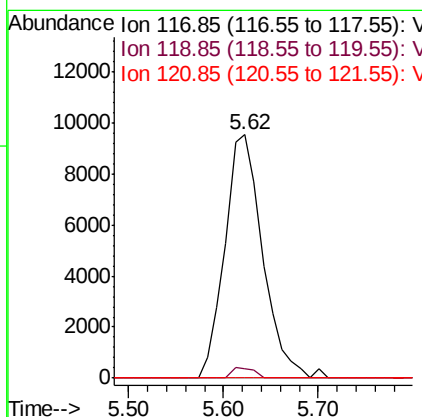
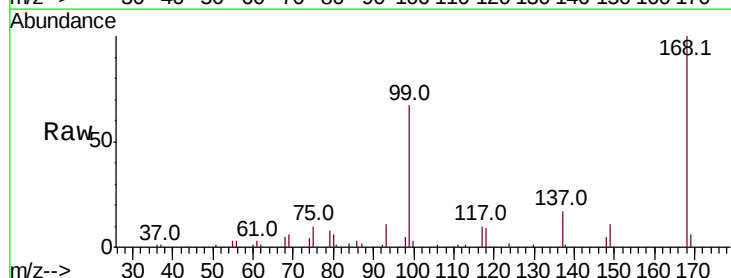
Instrument :
 MSVOA_D
 ClientSampleId :

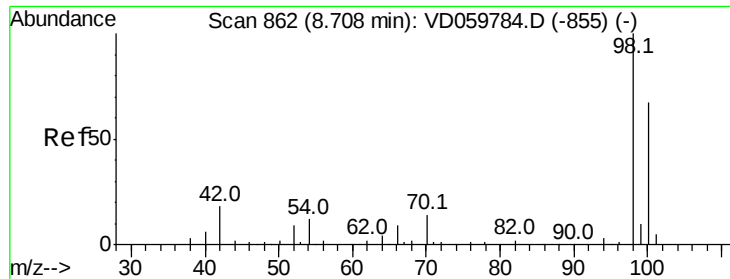
Tot Ion: 75 Resp: 25536
 Ion Ratio Lower Upper
 75 100
 110 4.6 15.3 45.8#
 77 0.0 26.2 39.4#



#38
 Carbon Tetrachloride
 Concen: 6.211 ug/l
 RT: 5.62 min Scan# 549
 Delta R.T. -0.10 min
 Lab File: VD059815.D
 Acq: 16 Aug 2018 17:19

Tgt Ion: 117 Resp: 26469
 Ion Ratio Lower Upper
 117 100
 119 3.7 75.7 113.5#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.69 min Scan# 861

Delta R.T. -0.02 min

Lab File: VD059815.D

Acq: 16 Aug 2018 17:19

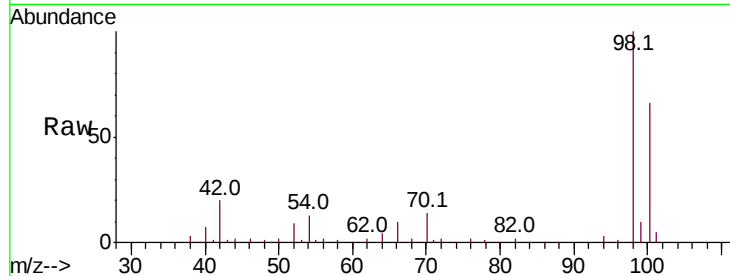
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 98 Resp: 297349

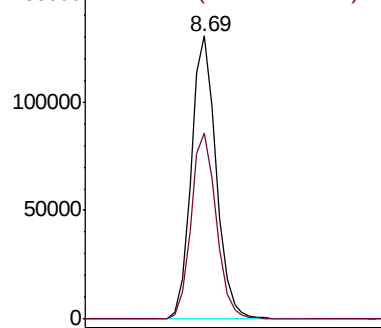
Ion Ratio Lower Upper

98 100

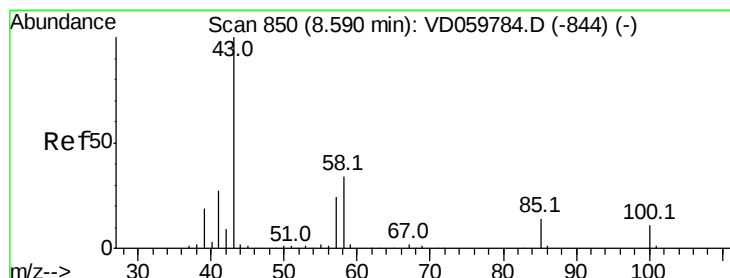
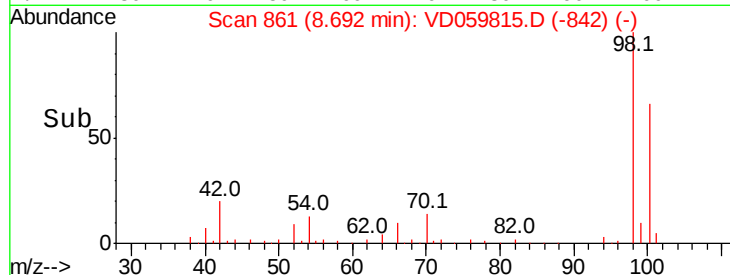
100 65.9 54.2 81.4



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



Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.170 ug/l

RT: 8.68 min Scan# 860

Delta R.T. 0.09 min

Lab File: VD059815.D

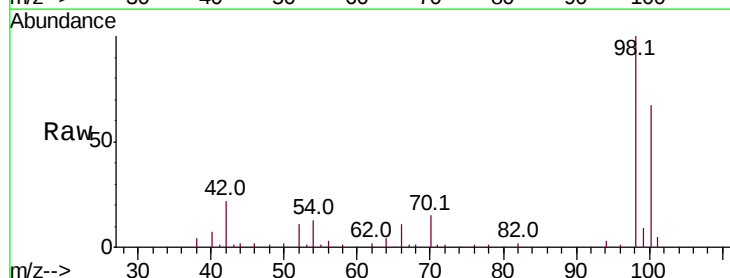
Acq: 16 Aug 2018 17:19

Tgt Ion: 43 Resp: 1973

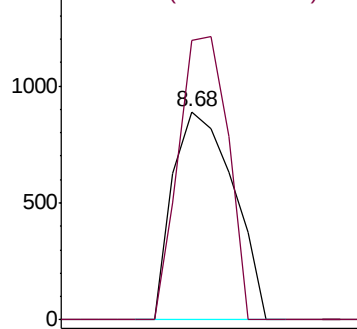
Ion Ratio Lower Upper

43 100

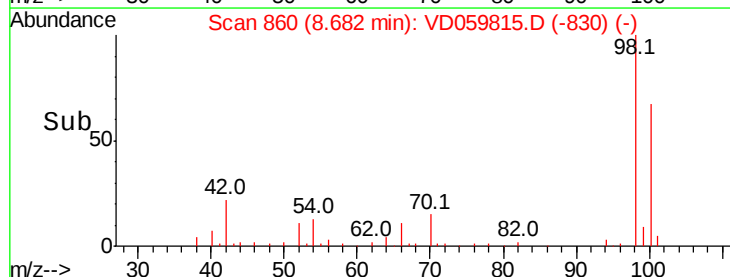
58 134.2 27.5 41.3#

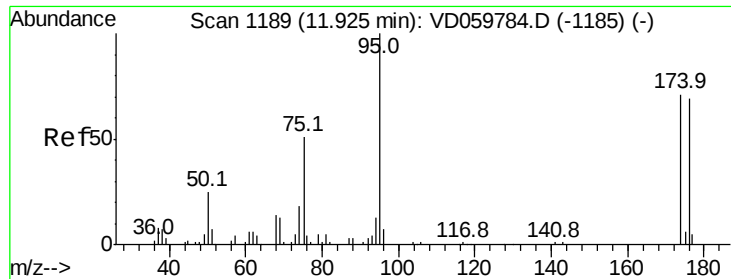


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC



Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. -0.01 min

Lab File: VD059815.D

Acq: 16 Aug 2018 17:19

Instrument :

MSVOA_D

ClientSampled :

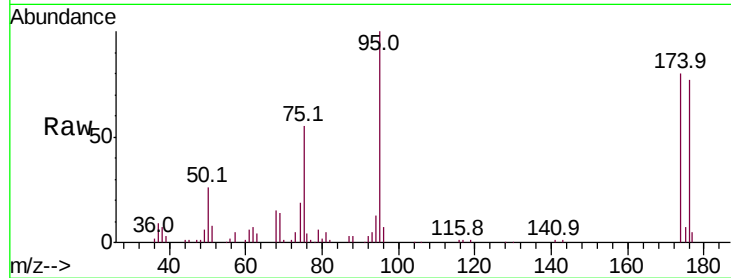
Tot Ion: 95 Resp: 125288

Ion Ratio Lower Upper

95 100

174 80.1 0.0 142.2

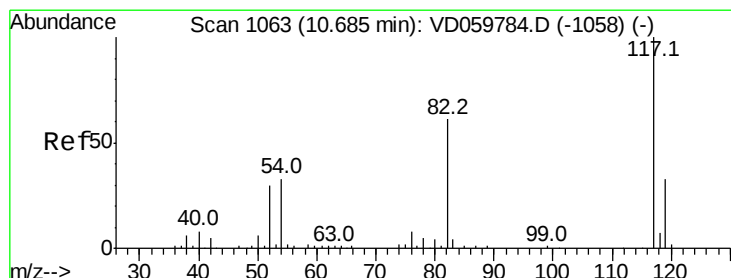
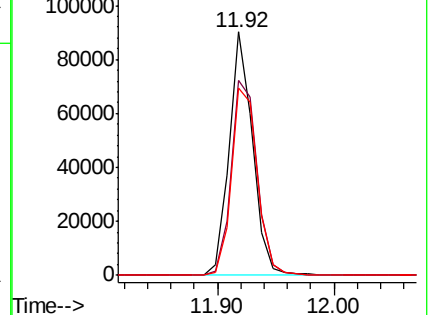
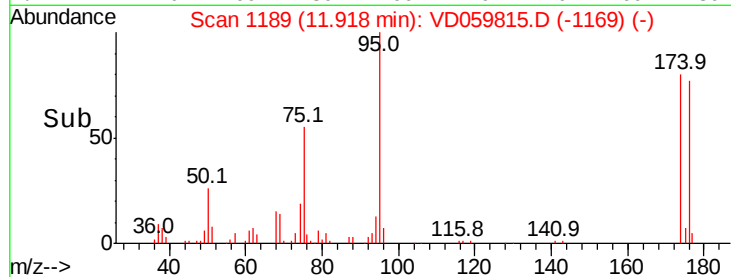
176 76.8 0.0 137.4



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: 10.68 min Scan# 1063

Delta R.T. -0.01 min

Lab File: VD059815.D

Acq: 16 Aug 2018 17:19

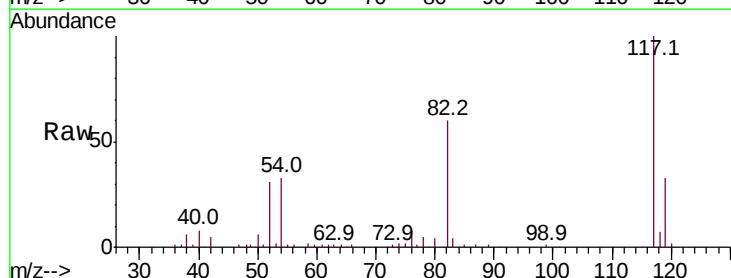
Tgt Ion: 117 Resp: 268462

Ion Ratio Lower Upper

117 100

82 59.7 49.0 73.6

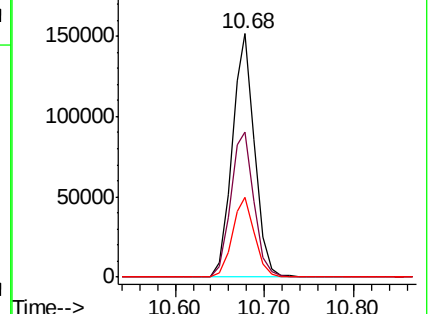
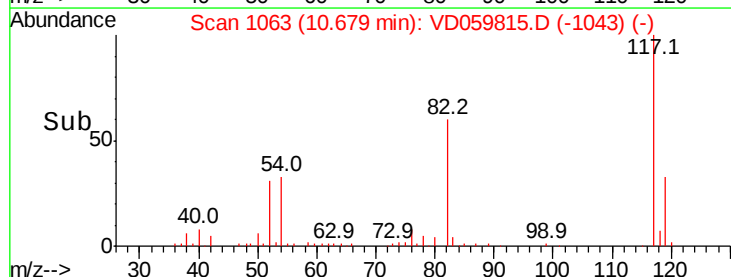
119 32.7 26.2 39.2

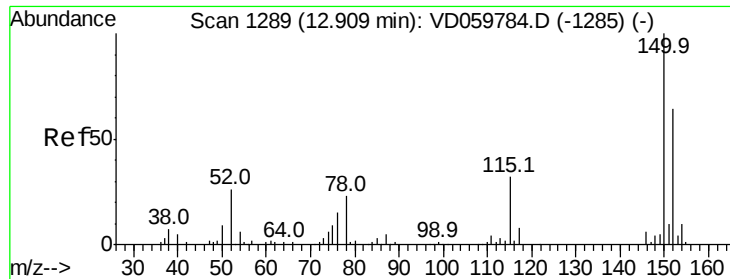


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.90 min Scan# 1289

Delta R.T. -0.01 min

Lab File: VD059815.D

Acq: 16 Aug 2018 17:19

Instrument :

MSVOA_D

ClientSampleId :

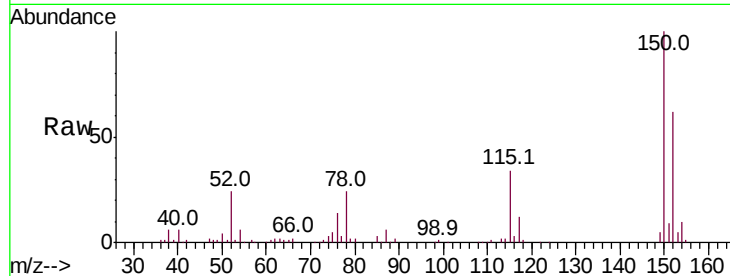
Tot Ion:152 Resp: 132759

Ion Ratio Lower Upper

152 100

115 54.0 27.2 81.5

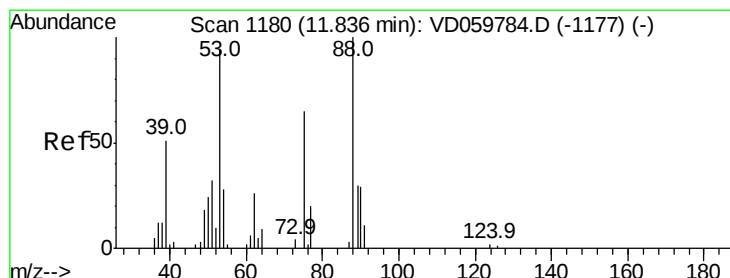
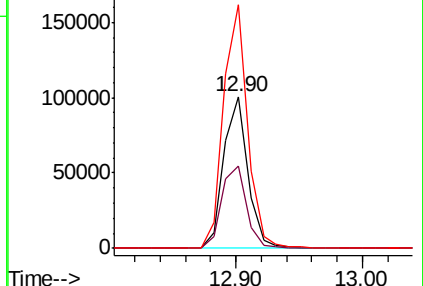
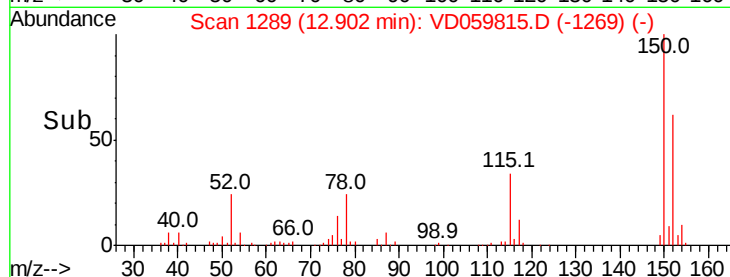
150 160.7 0.0 312.4



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: 152.664 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.08 min

Lab File: VD059815.D

Acq: 16 Aug 2018 17:19

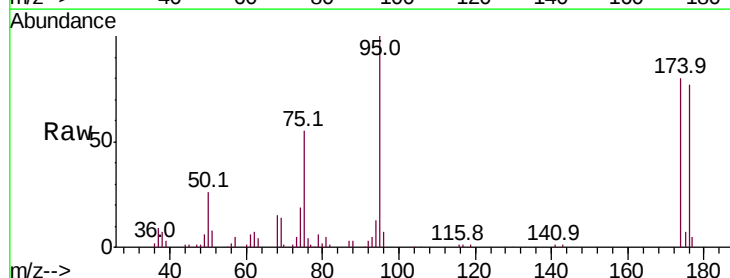
Tgt Ion: 75 Resp: 67277

Ion Ratio Lower Upper

75 100

53 0.0 116.2 174.2#

89 0.0 37.0 55.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

