

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081618\
 Data File : VD059808.D
 Acq On : 16 Aug 2018 13:47
 Operator : VA/AP
 Sample : VD0816SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0816SBL01

Quant Time: Aug 17 01:08:42 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	270222	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.66	114	345790	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	285471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	157899	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.99	65	176277	50.77	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	5.52	113	157453	52.25	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	8.69	98	375255	52.58	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	11.92	95	159784	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

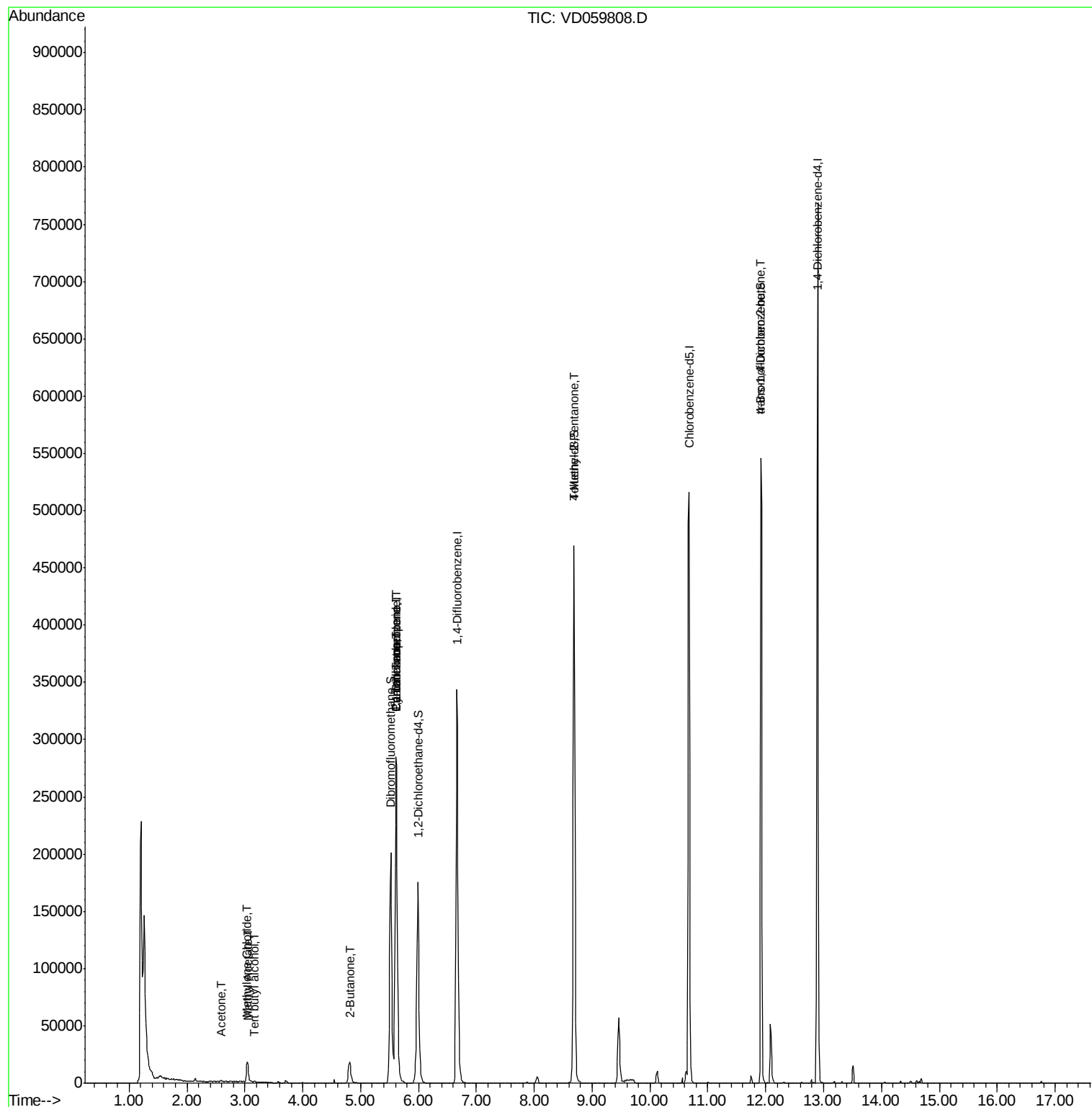
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.17	59	699	5.690	ug/l #	74
16) Acetone	2.59	43	1707	3.115	ug/l #	57
18) Methyl Acetate	3.06	43	1563	1.335	ug/l #	63
20) Methylene Chloride	3.04	84	8015	2.455	ug/l	85
25) 2-Butanone	4.82	43	1579	1.883	ug/l #	58
31) Cyclohexane	5.61	56	6716	1.905	ug/l #	28
36) 1,1-Dichloropropene	5.61	75	22884	6.450	ug/l #	50
38) Carbon Tetrachloride	5.61	117	26090	6.096	ug/l #	13
51) 4-Methyl-2-Pentanone	8.69	43	2313	1.366	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.92	75	80405	153.404	ug/l #	1

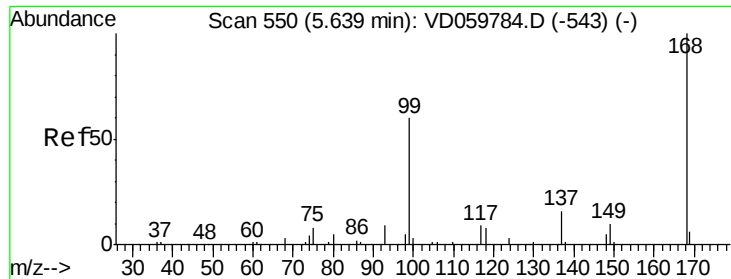
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081618\
Data File : VD059808.D
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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# 548

Delta R.T. -0.02 min

Lab File: VD059808.D

Acq: 16 Aug 2018 13:47

Instrument :

MSVOA_D

ClientSampleId :

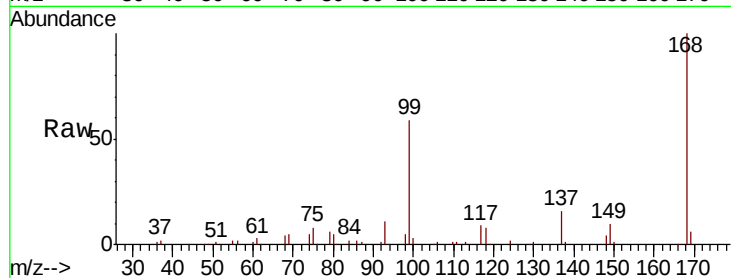
VD0816SBL01

Tgt Ion:168 Resp: 270222

Ion Ratio Lower Upper

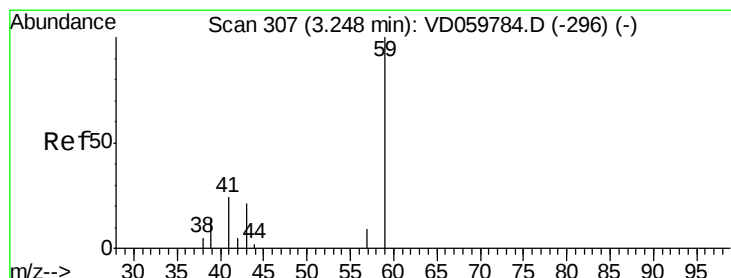
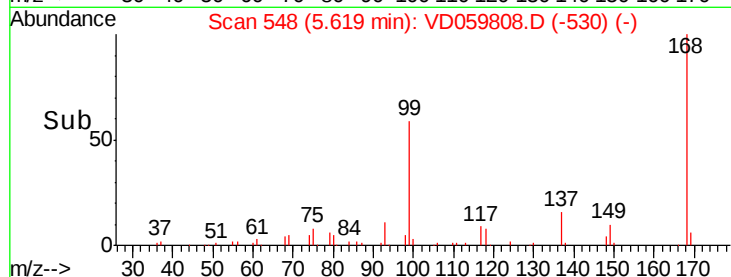
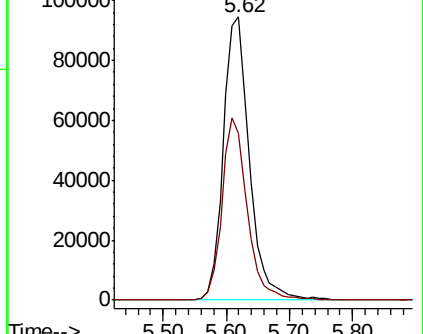
168 100

99 59.0 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 5.690 ug/l

RT: 3.17 min Scan# 299

Delta R.T. -0.08 min

Lab File: VD059808.D

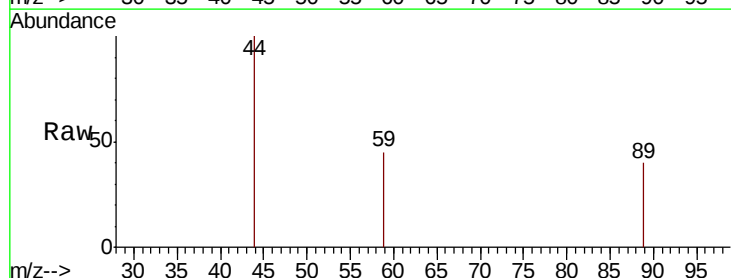
Acq: 16 Aug 2018 13:47

Tgt Ion: 59 Resp: 699

Ion Ratio Lower Upper

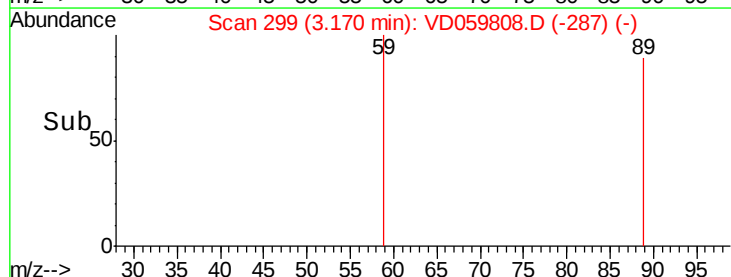
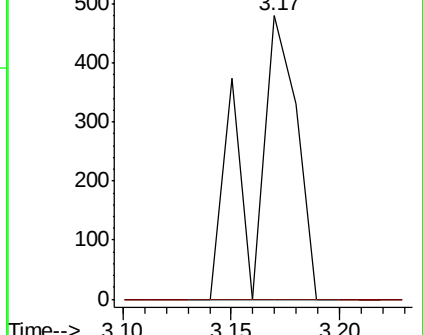
59 100

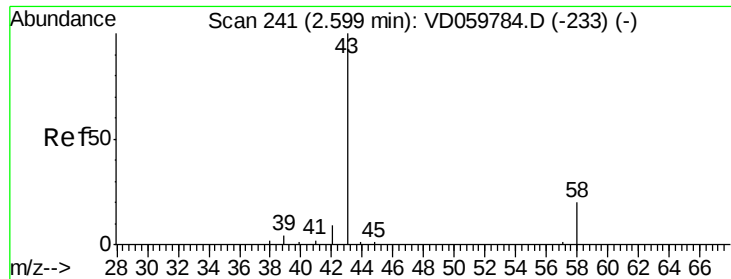
57 0.0 7.5 11.3#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 3.115 ug/l

RT: 2.59 min Scan# 240

Delta R.T. -0.01 min

Lab File: VD059808.D

Acq: 16 Aug 2018 13:47

Instrument :

MSVOA_D

ClientSampleId :

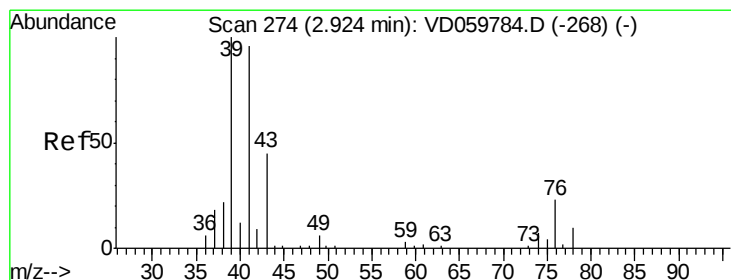
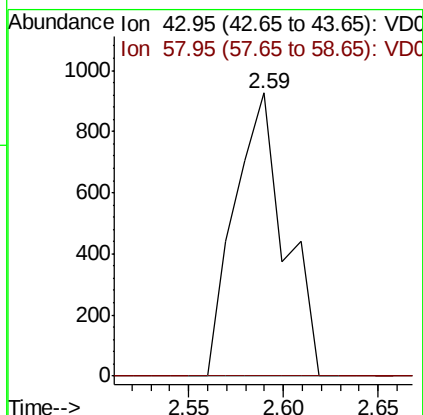
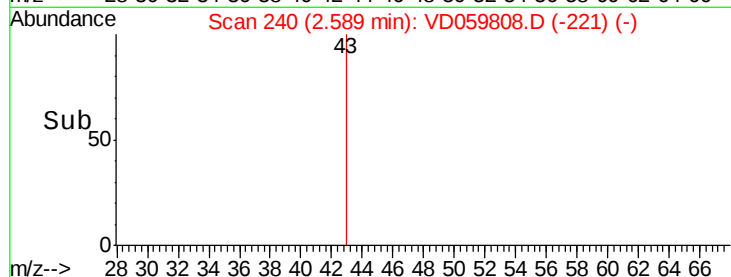
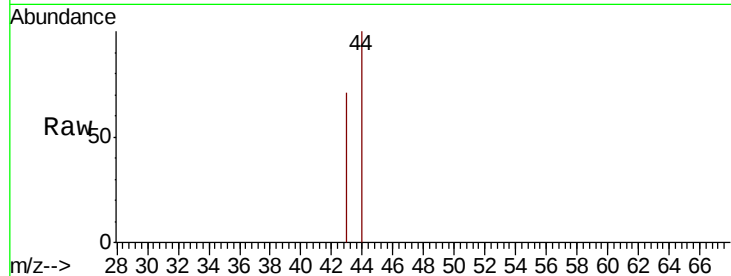
VD0816SBL01

Tgt Ion: 43 Resp: 1707

Ion Ratio Lower Upper

43 100

58 0.0 15.7 23.5#



#18

Methyl Acetate

Concen: 1.335 ug/l

RT: 3.06 min Scan# 288

Delta R.T. 0.14 min

Lab File: VD059808.D

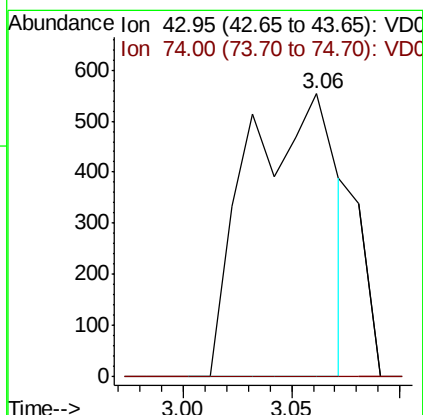
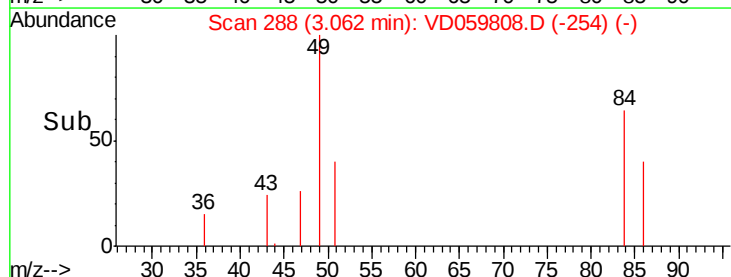
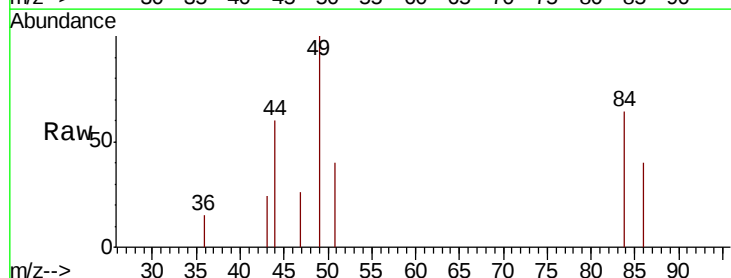
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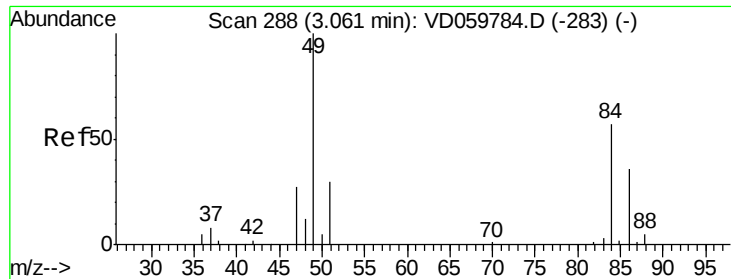
Tgt Ion: 43 Resp: 1563

Ion Ratio Lower Upper

43 100

74 0.0 12.4 18.6#

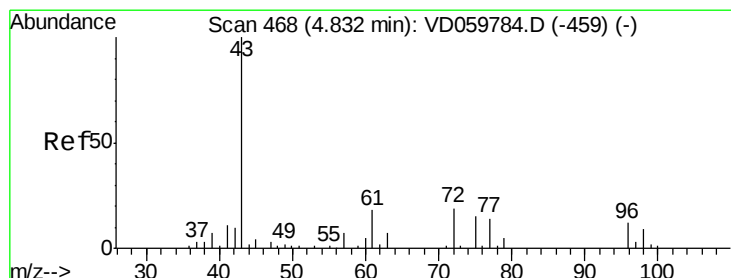
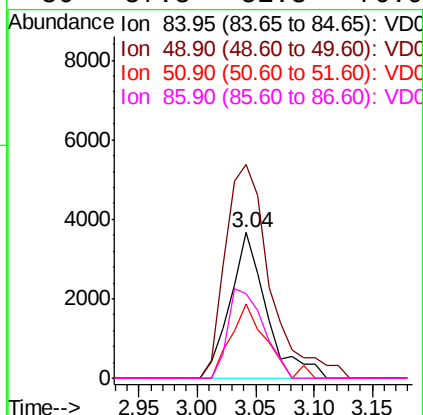
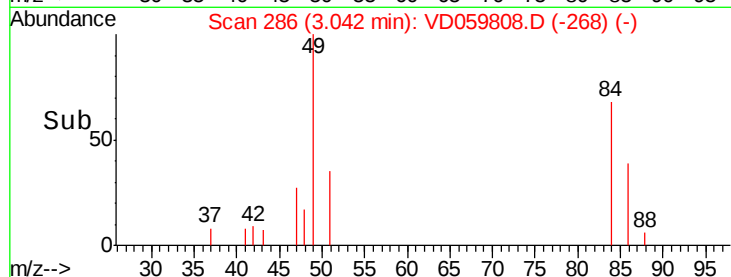
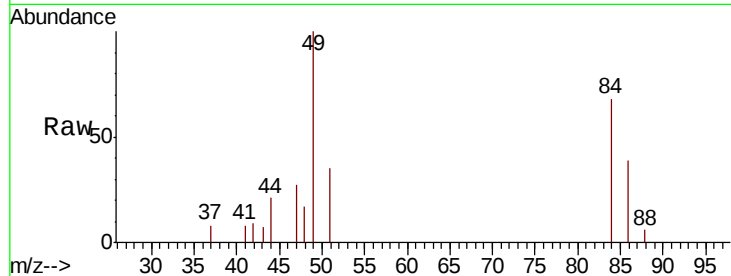




#20
Methylene Chloride
Concen: 2.455 ug/l
RT: 3.04 min Scan# 286
Delta R.T. -0.02 min
Lab File: VD059808.D
Acq: 16 Aug 2018 13:47

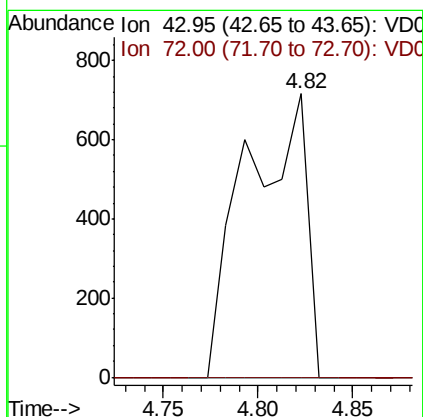
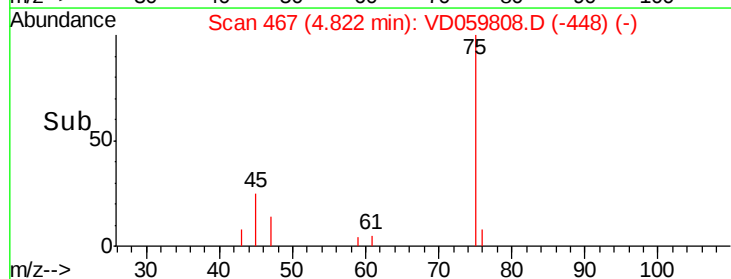
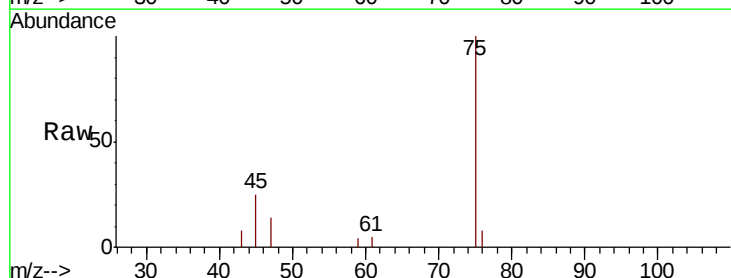
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

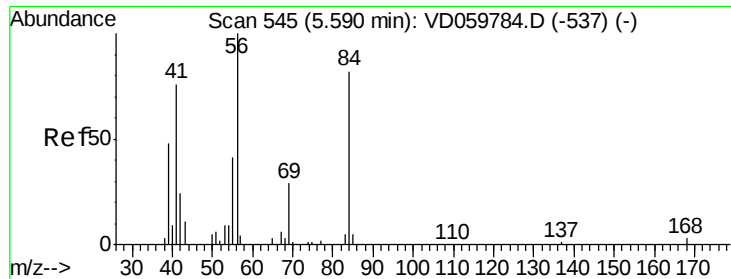
Tgt Ion:	84	Resp:	8015
Ion	Ratio	Lower	Upper
84	100		
49	146.4	140.9	211.3
51	50.6	42.8	64.2
86	57.8	51.3	76.9



#25
2-Butanone
Concen: 1.883 ug/l
RT: 4.82 min Scan# 467
Delta R.T. -0.01 min
Lab File: VD059808.D
Acq: 16 Aug 2018 13:47

Tgt Ion:	43	Resp:	1579
Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.9	22.3#

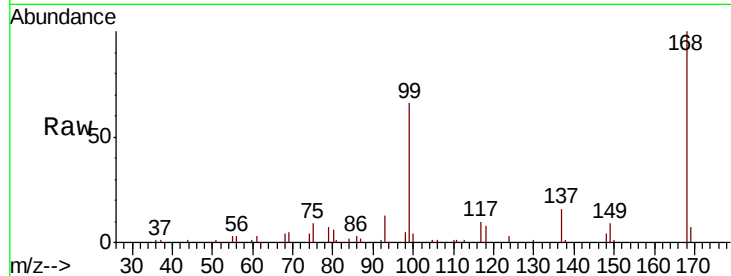




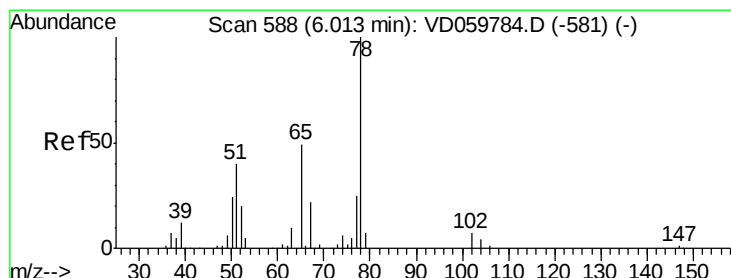
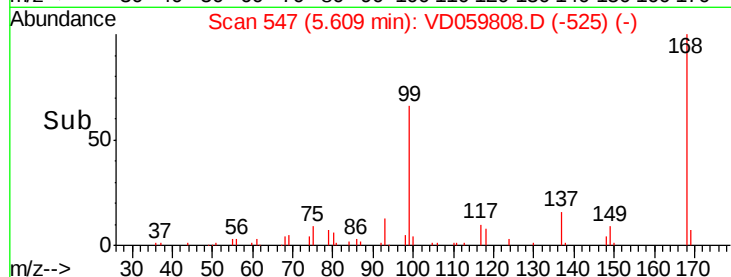
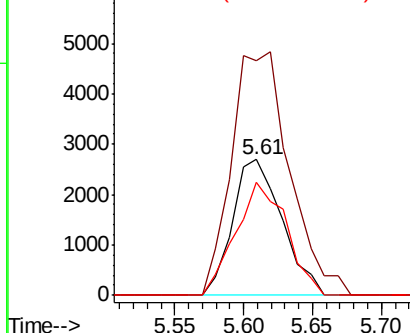
#31
Cyclohexane
Concen: 1.905 ug/l
RT: 5.61 min Scan# 547
Delta R.T. 0.02 min
Lab File: VD059808.D
Acq: 16 Aug 2018 13:47

Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

Tgt Ion: 56 Resp: 6716
Ion Ratio Lower Upper
56 100
69 173.1 23.4 35.2#
84 83.6 65.4 98.2

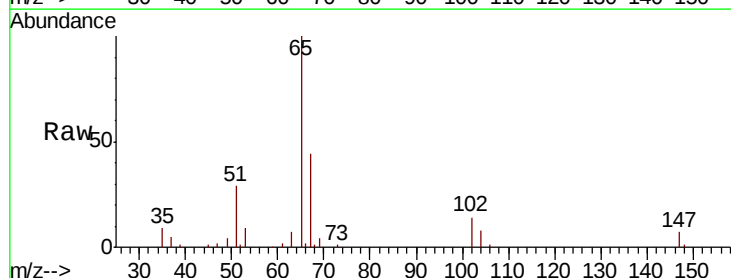


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

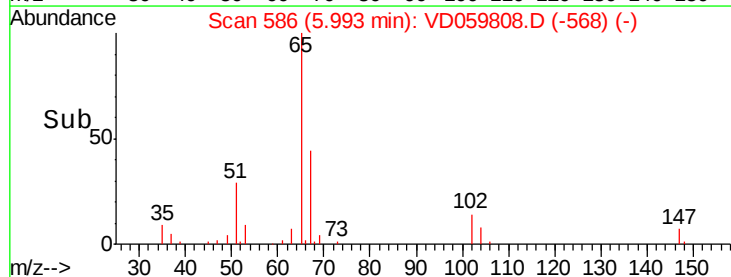
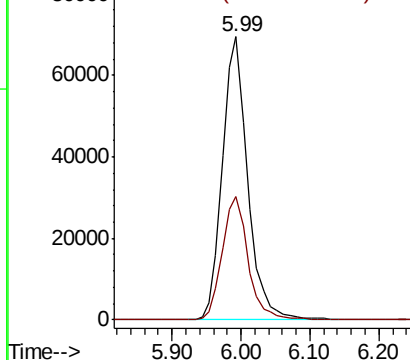


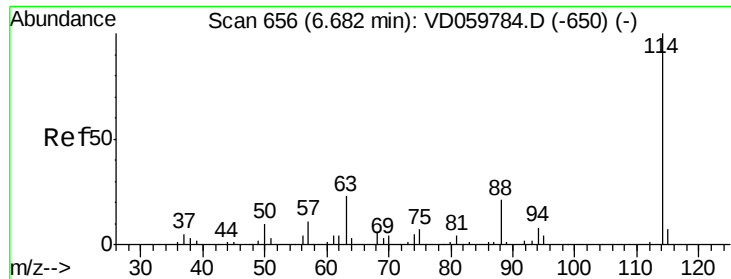
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.99 min Scan# 586
Delta R.T. -0.02 min
Lab File: VD059808.D
Acq: 16 Aug 2018 13:47

Tgt Ion: 65 Resp: 176277
Ion Ratio Lower Upper
65 100
67 43.5 0.0 87.8



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

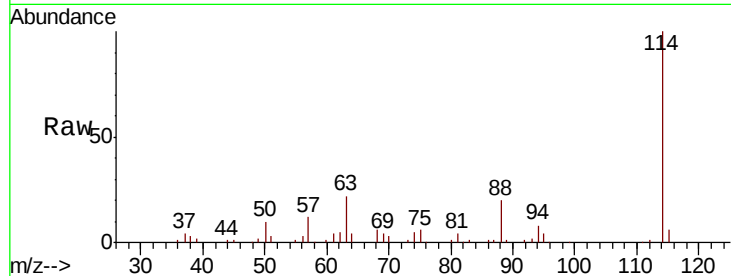




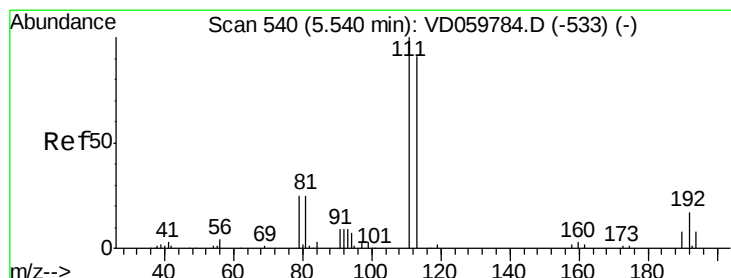
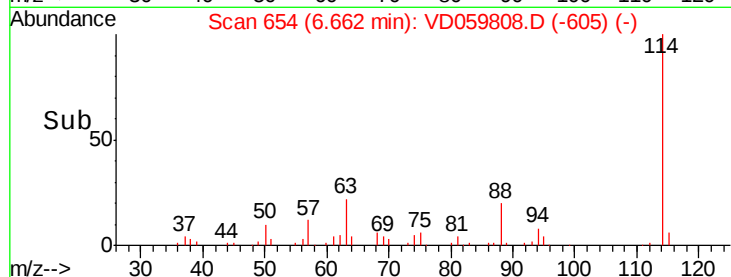
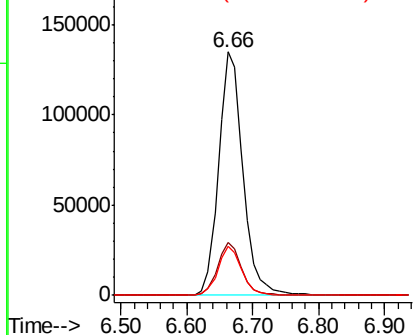
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.66 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: VD059808.D
 Acq: 16 Aug 2018 13:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0816SBL01

Tgt Ion:114 Resp: 345790
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.0
 88 20.1 0.0 41.2

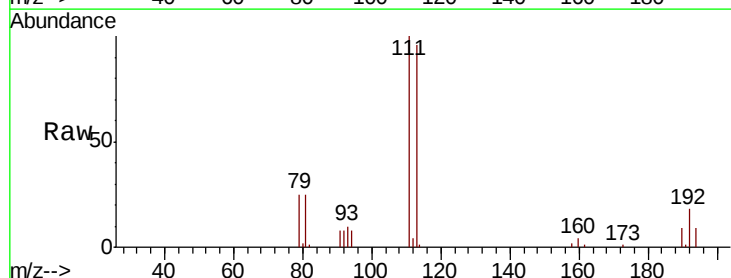


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

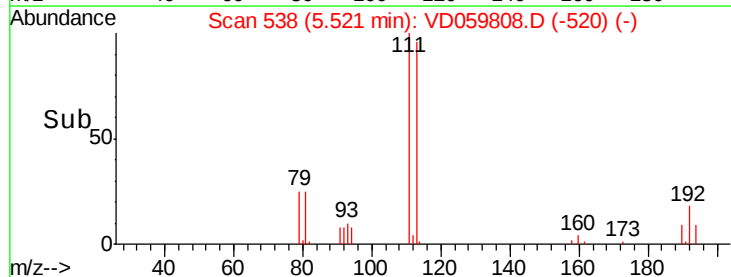
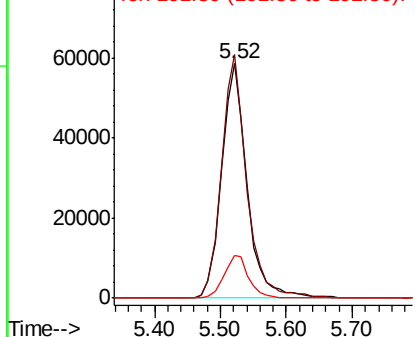


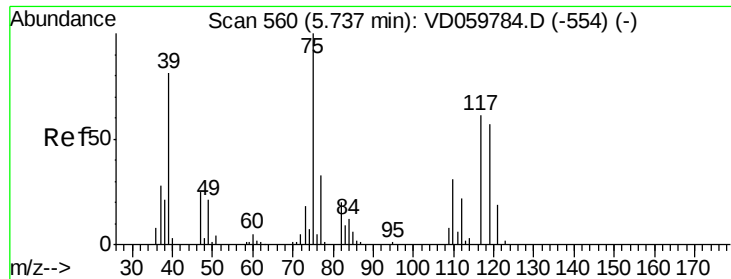
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.52 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: VD059808.D
 Acq: 16 Aug 2018 13:47

Tgt Ion:113 Resp: 157453
 Ion Ratio Lower Upper
 113 100
 111 103.8 87.7 131.5
 192 18.2 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

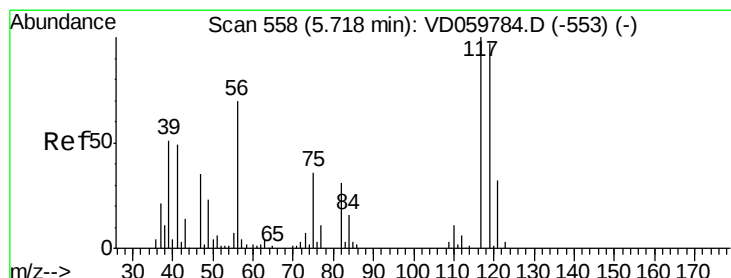
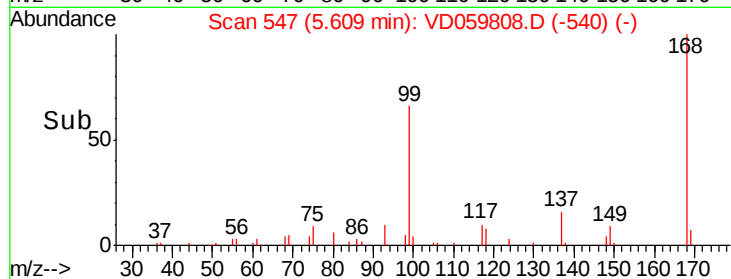
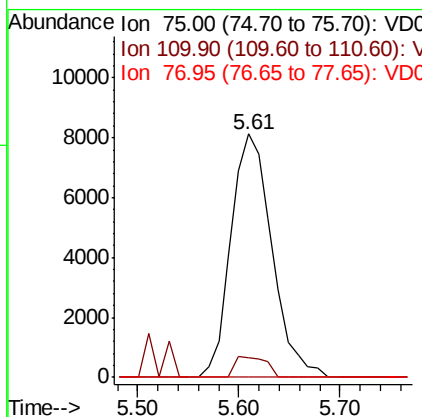
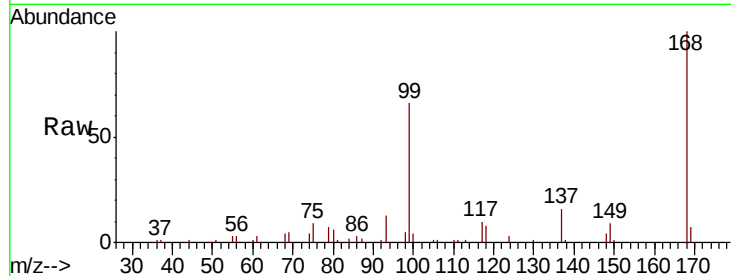




#36
 1,1-Dichloropropene
 Concen: 6.450 ug/l
 RT: 5.61 min Scan# 547
 Delta R.T. -0.13 min
 Lab File: VD059808.D
 Acq: 16 Aug 2018 13:47

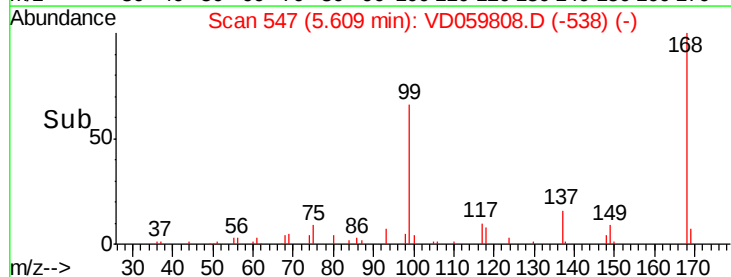
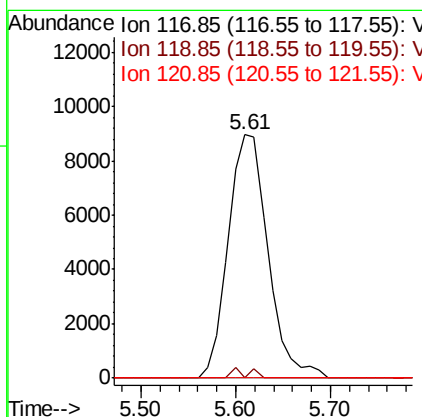
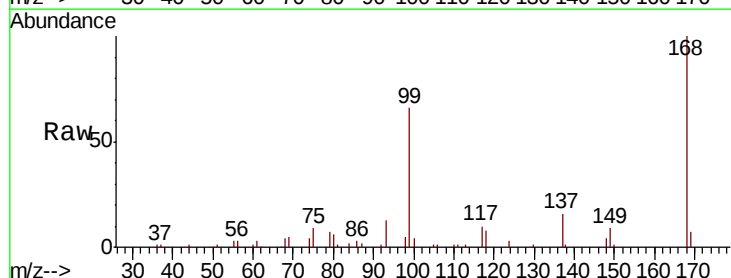
Instrument :
 MSVOA_D
 ClientSampleID :
 VD0816SBL01

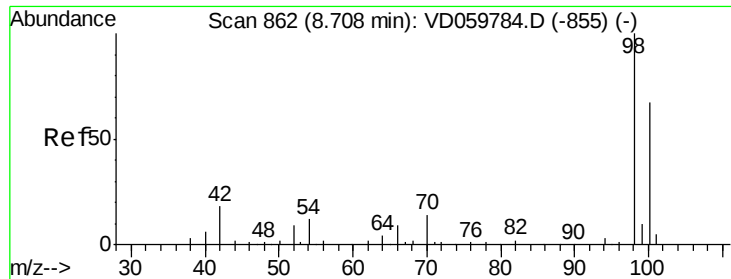
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	15.3	45.8#
77	0.0	26.2	39.4#



#38
 Carbon Tetrachloride
 Concen: 6.096 ug/l
 RT: 5.61 min Scan# 547
 Delta R.T. -0.11 min
 Lab File: VD059808.D
 Acq: 16 Aug 2018 13:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.7	113.5#
121	0.0	24.7	37.1#

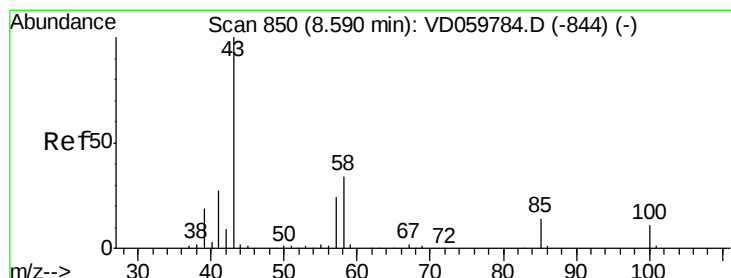
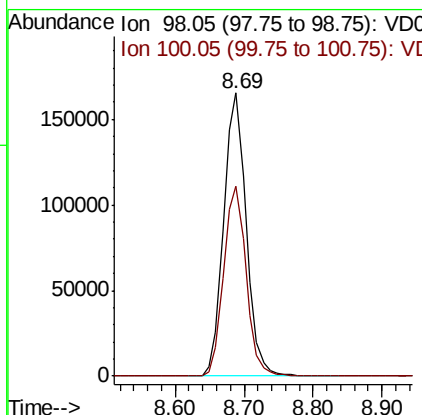
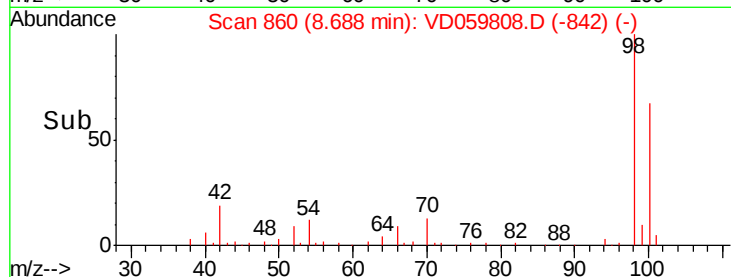
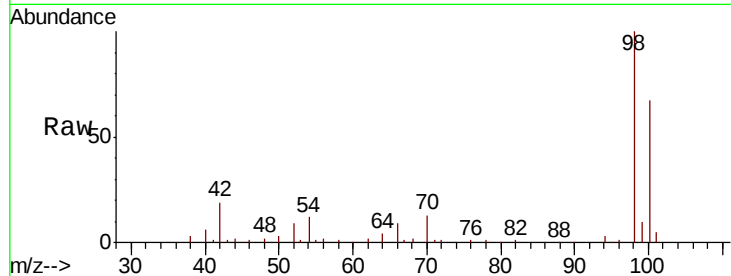




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.02 min
Lab File: VD059808.D
Acq: 16 Aug 2018 13:47

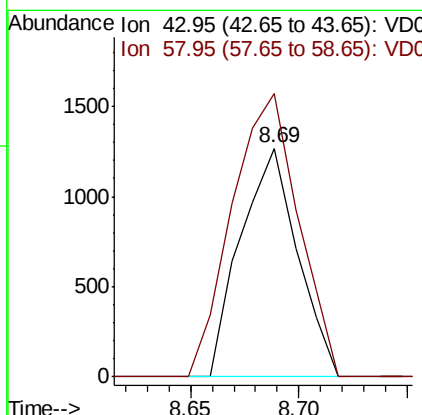
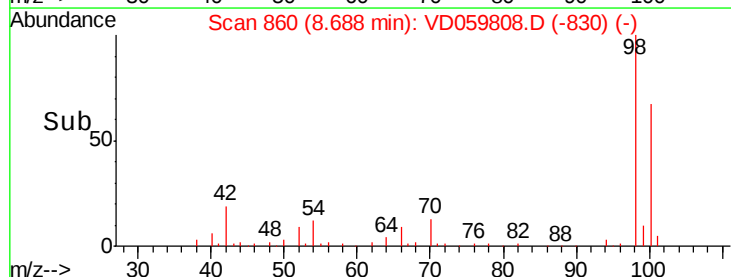
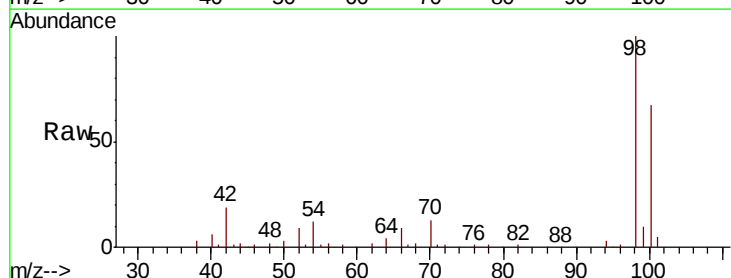
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

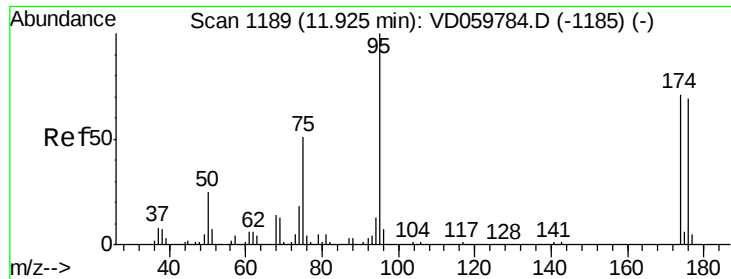
Tgt Ion: 98 Resp: 375255
Ion Ratio Lower Upper
98 100
100 67.1 54.2 81.4



#51
4-Methyl-2-Pentanone
Concen: 1.366 ug/l
RT: 8.69 min Scan# 860
Delta R.T. 0.10 min
Lab File: VD059808.D
Acq: 16 Aug 2018 13:47

Tgt Ion: 43 Resp: 2313
Ion Ratio Lower Upper
43 100
58 123.7 27.5 41.3#

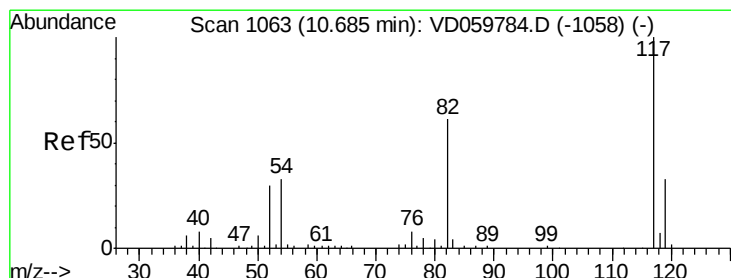
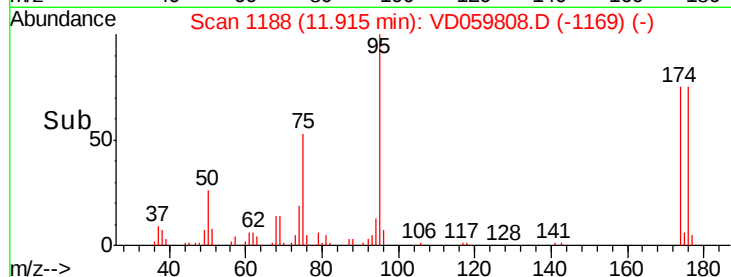
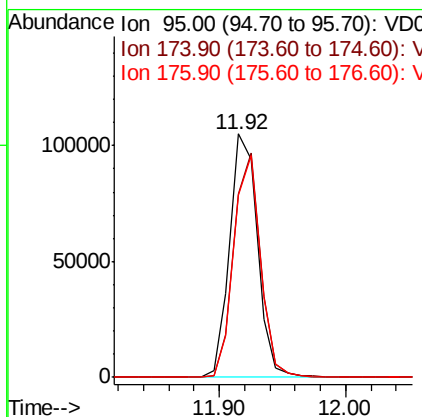
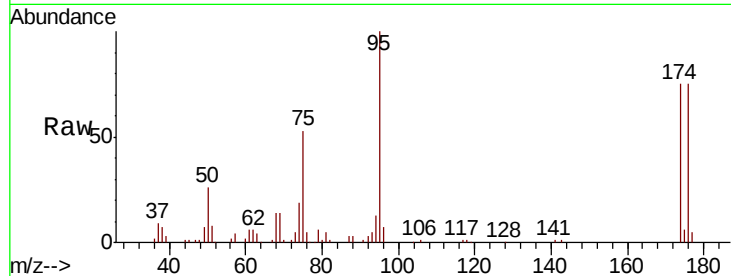




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD059808.D
Acq: 16 Aug 2018 13:47

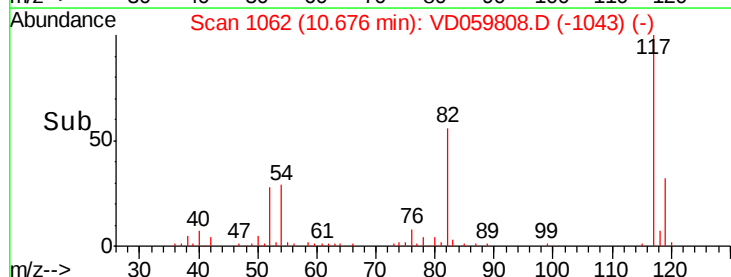
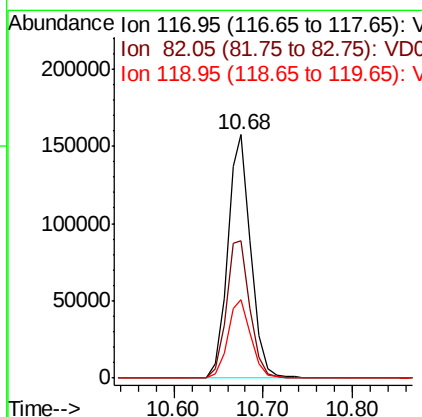
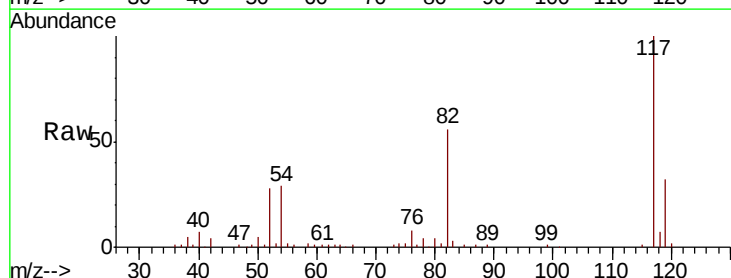
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

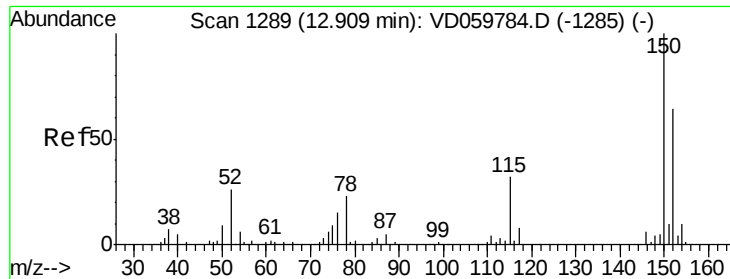
Tgt Ion: 95 Resp: 159784
Ion Ratio Lower Upper
95 100
174 75.3 0.0 142.2
176 74.8 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD059808.D
Acq: 16 Aug 2018 13:47

Tgt Ion: 117 Resp: 285471
Ion Ratio Lower Upper
117 100
82 56.5 49.0 73.6
119 32.0 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD059808.D

Acq: 16 Aug 2018 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0816SBL01

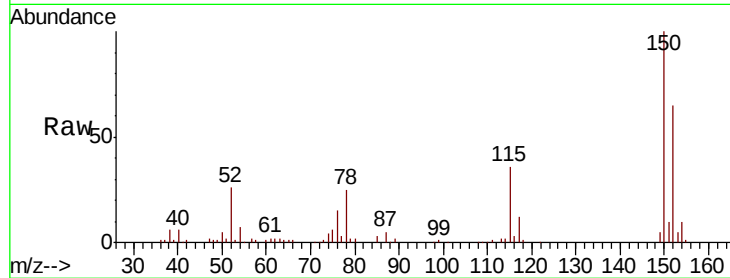
Tgt Ion:152 Resp: 157899

Ion Ratio Lower Upper

152 100

115 55.0 27.2 81.5

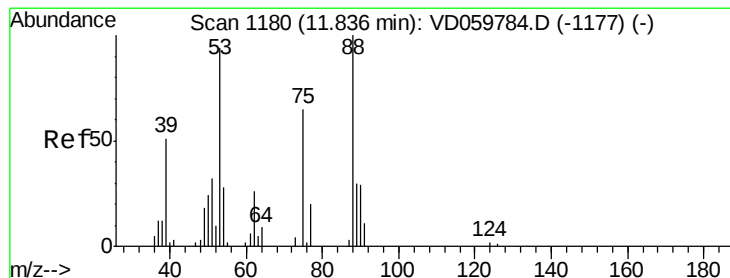
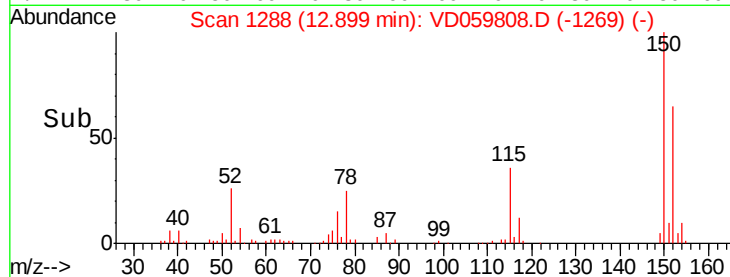
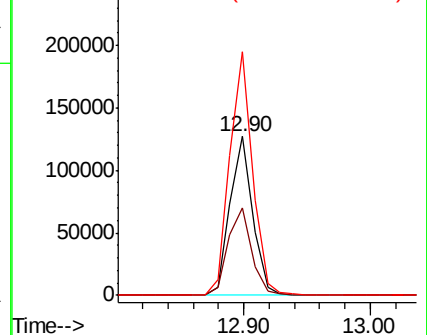
150 153.4 0.0 312.4



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: 153.404 ug/l

RT: 11.92 min Scan# 1188

Delta R.T. 0.08 min

Lab File: VD059808.D

Acq: 16 Aug 2018 13:47

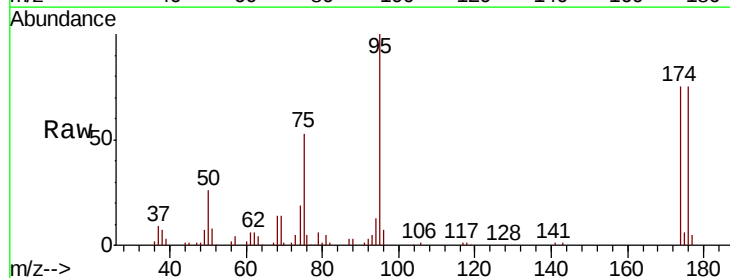
Tgt Ion: 75 Resp: 80405

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

