

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059472.D
 Acq On : 28 Jun 2018 19:42
 Operator : VA/AP
 Sample : J3677-03RE
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 29 01:28:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	651220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	799264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	651406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	309284	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	260652	39.14	ug/l	0.00
Spiked Amount			Recovery	=	78.28%	
35) Dibromofluoromethane	5.55	113	289134	44.41	ug/l	0.00
Spiked Amount			Recovery	=	88.82%	
50) Toluene-d8	8.71	98	553608	36.38	ug/l	0.00
Spiked Amount			Recovery	=	72.76%	
62) 4-Bromofluorobenzene	11.94	95	231974	36.64	ug/l	0.00
Spiked Amount			Recovery	=	73.28%	

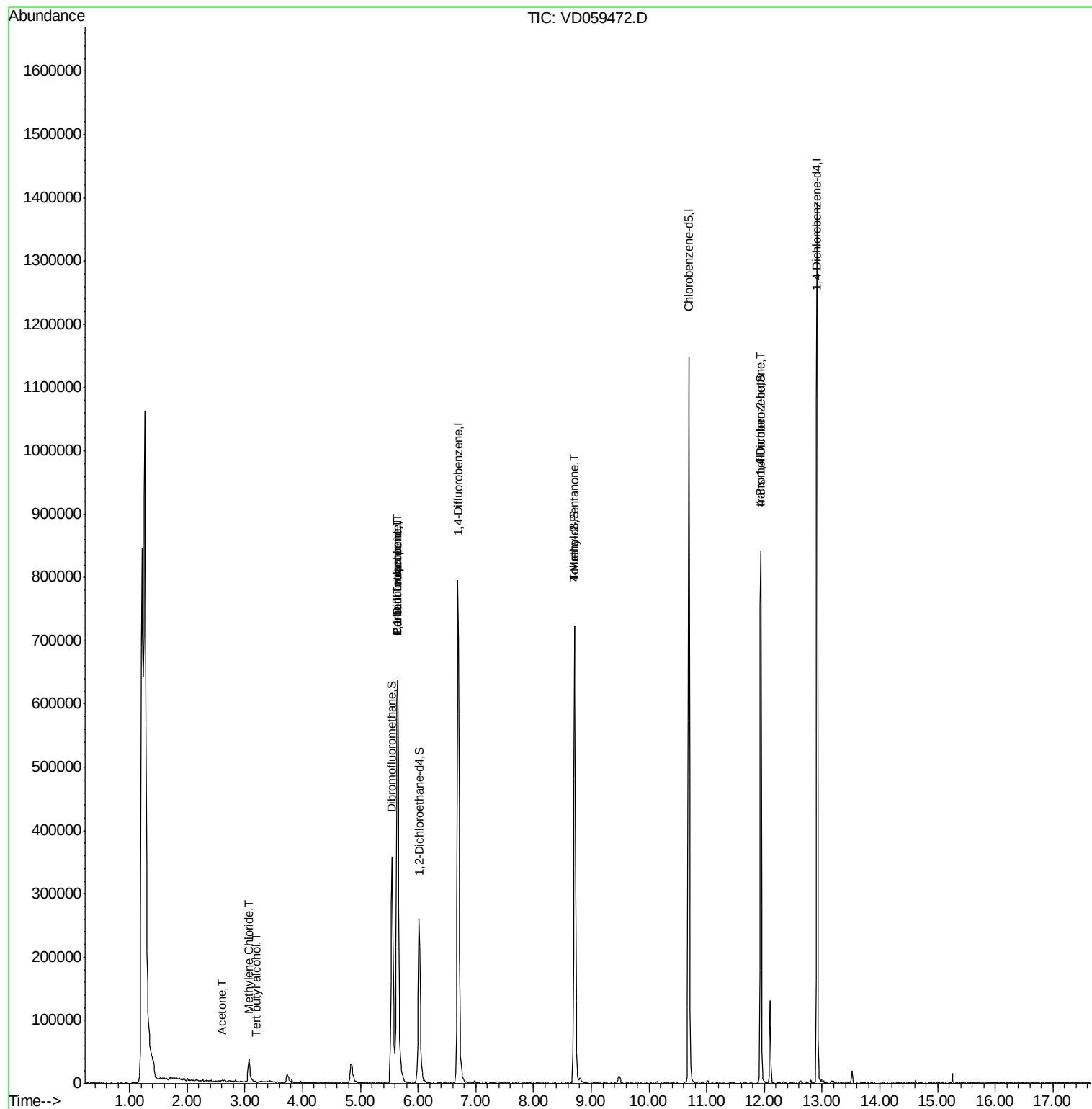
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.81	94	630	Below Cal	#	4
11) Tert butyl alcohol	3.20	59	370	1.606	ug/l #	72
16) Acetone	2.61	43	6420	7.638	ug/l #	55
18) Methyl Acetate	2.93	43	439	Below Cal	#	66
20) Methylene Chloride	3.07	84	17567	5.306	ug/l #	79
31) Cyclohexane	5.64	56	15061	Below Cal	#	1
36) 1,1-Dichloropropene	5.65	75	55155	7.607	ug/l #	50
38) Carbon Tetrachloride	5.65	117	53644	7.176	ug/l #	16
51) 4-Methyl-2-Pentanone	8.71	43	3790	1.026	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.93	75	112908	116.443	ug/l #	1

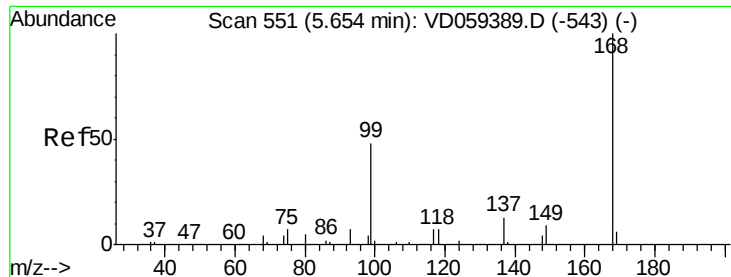
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062818\
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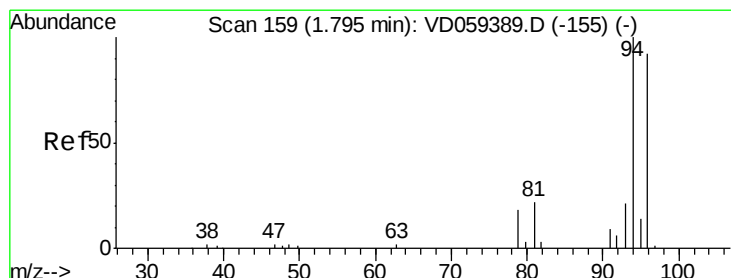
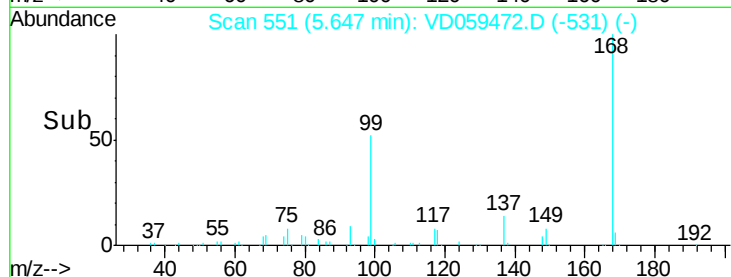
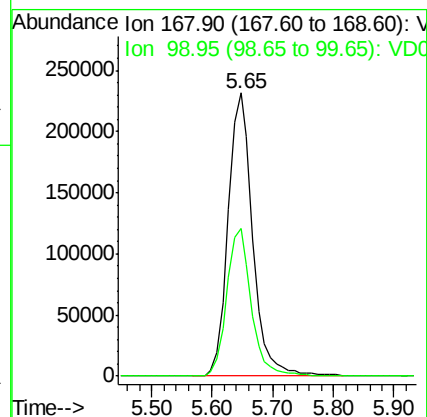
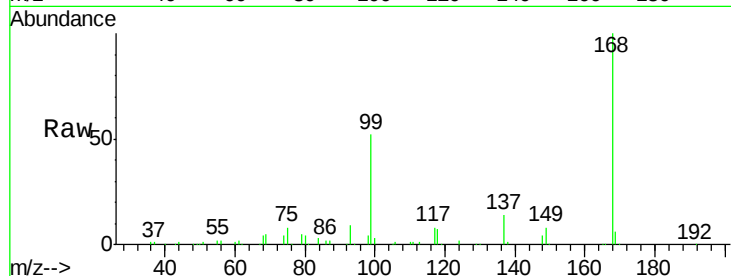




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 551
Delta R.T. -0.01 min
Lab File: VD059472.D
Acq: 28 Jun 2018 19:42

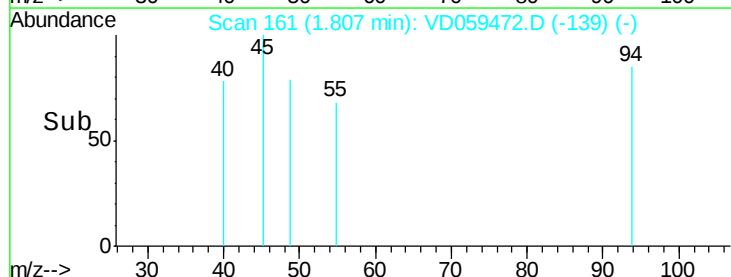
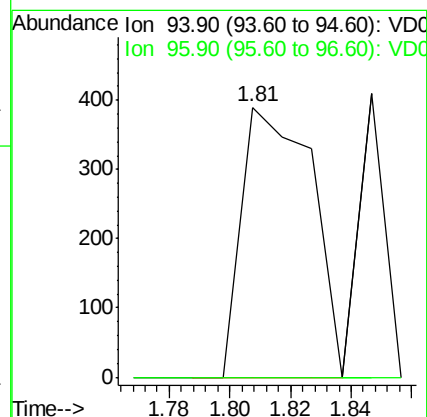
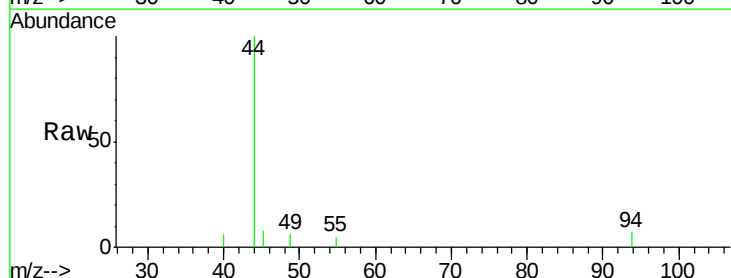
Instrument :
MSVOA_D
ClientSampleId :

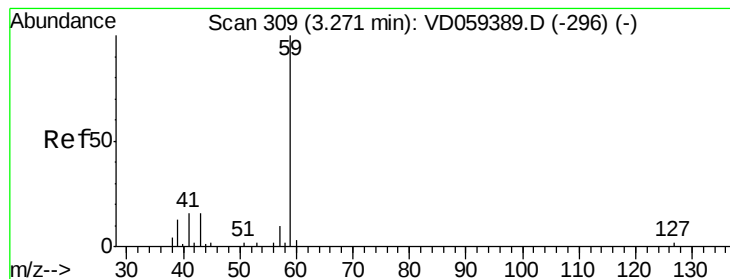
Tot Ion:168 Resp: 651220
Ion Ratio Lower Upper
168 100
99 52.0 41.0 61.6



#5
Bromomethane
Concen: Below Cal
RT: 1.81 min Scan# 161
Delta R.T. 0.01 min
Lab File: VD059472.D
Acq: 28 Jun 2018 19:42

Tgt Ion: 94 Resp: 630
Ion Ratio Lower Upper
94 100
96 0.0 73.4 110.0#



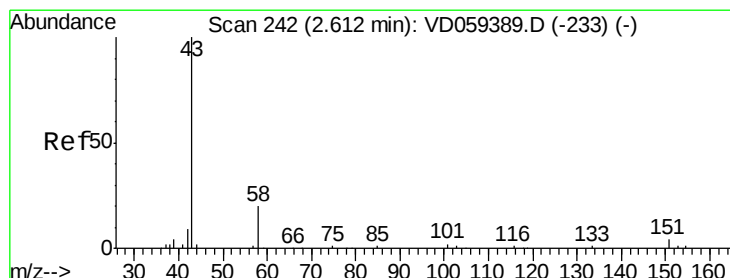
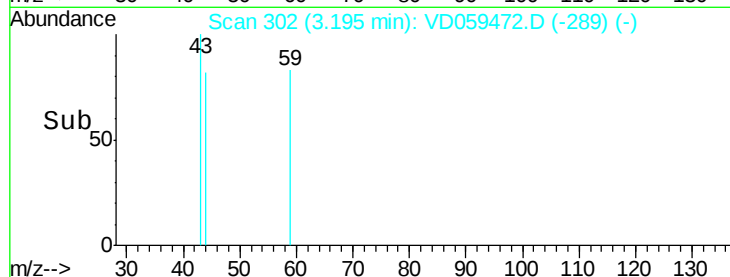
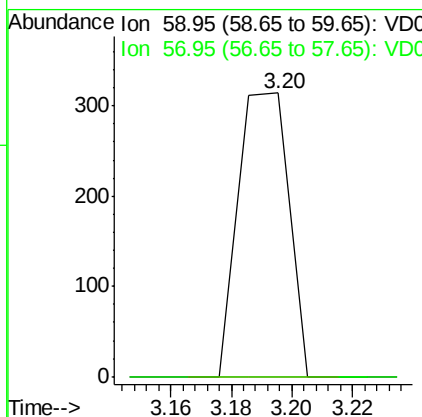
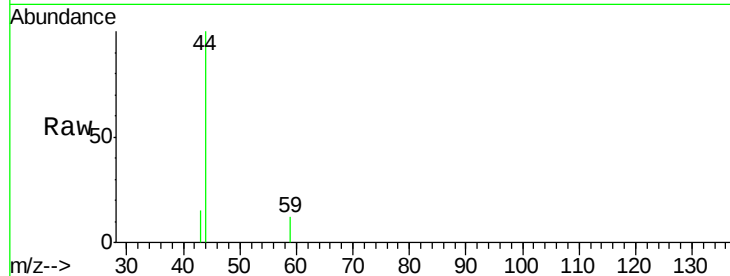


#11

Tert butyl alcohol
 Concen: 1.606 ug/l
 RT: 3.20 min Scan# 302
 Delta R.T. -0.08 min
 Lab File: VD059472.D
 Acq: 28 Jun 2018 19:42

Instrument :
 MSVOA_D
 ClientSampleID :

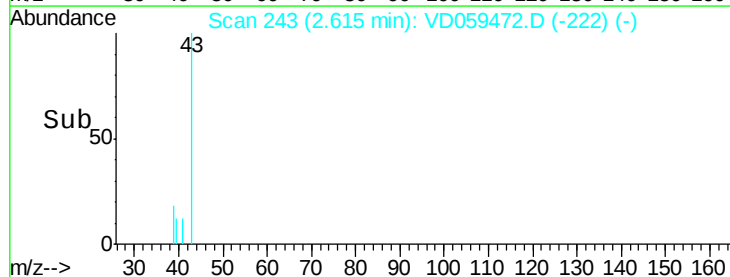
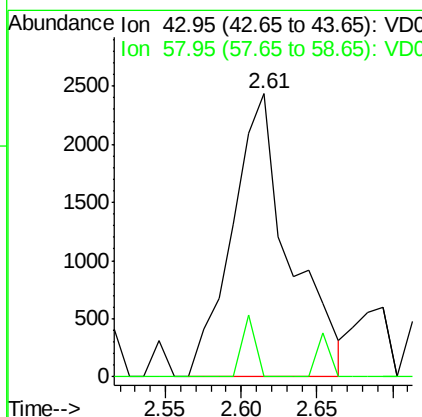
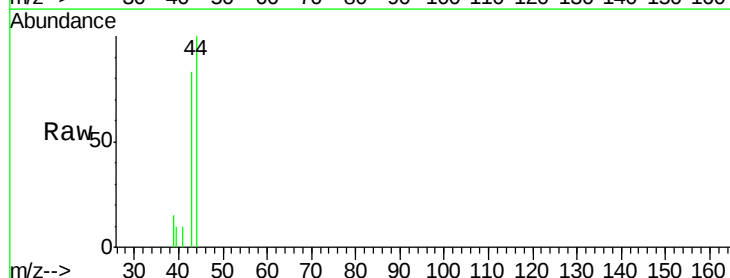
Tot Ion: 59 Resp: 370
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

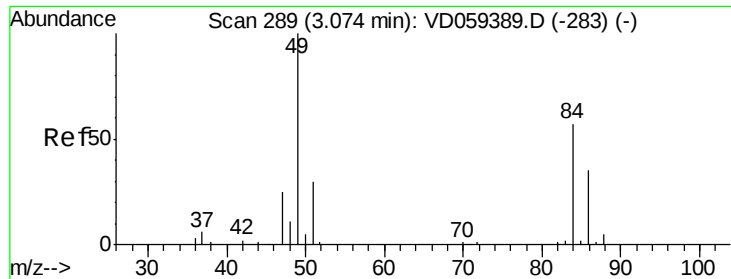


#16

Acetone
 Concen: 7.638 ug/l
 RT: 2.61 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VD059472.D
 Acq: 28 Jun 2018 19:42

Tgt Ion: 43 Resp: 6420
 Ion Ratio Lower Upper
 43 100
 58 0.0 16.8 25.2#

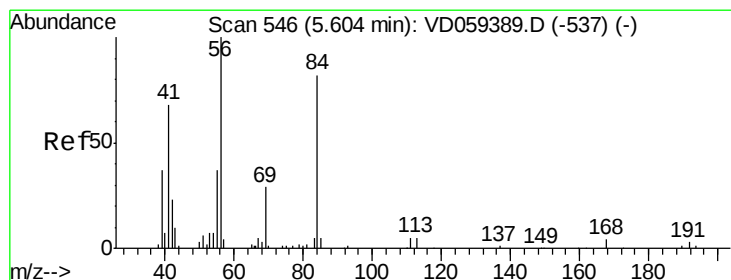
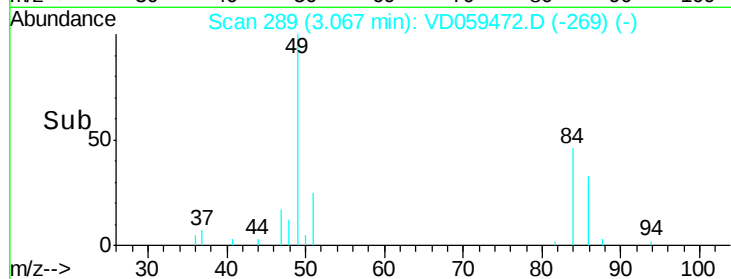
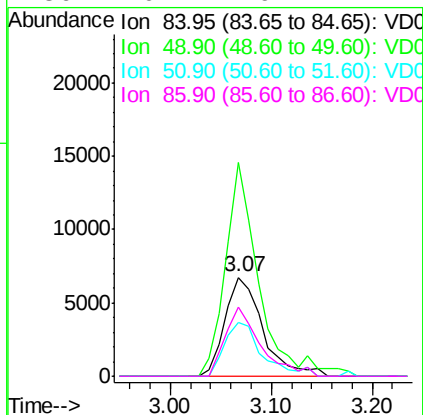
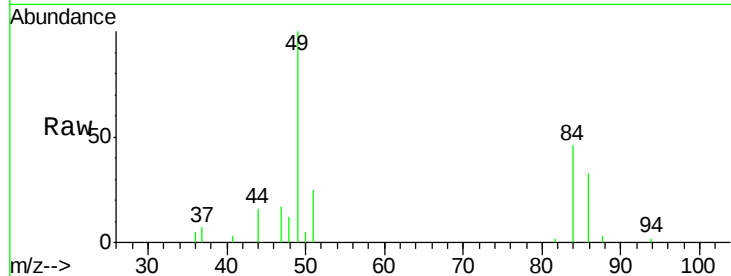




#20
Methvlene Chloride
Concen: 5.306 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.01 min
Lab File: VD059472.D
Acq: 28 Jun 2018 19:42

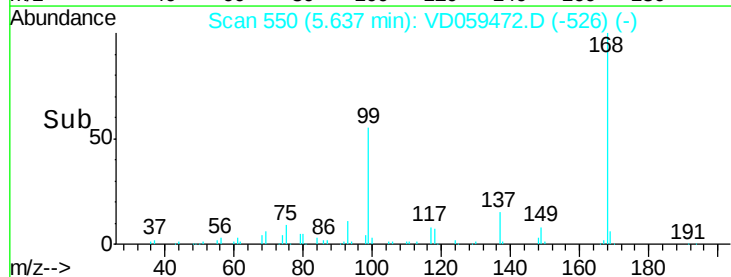
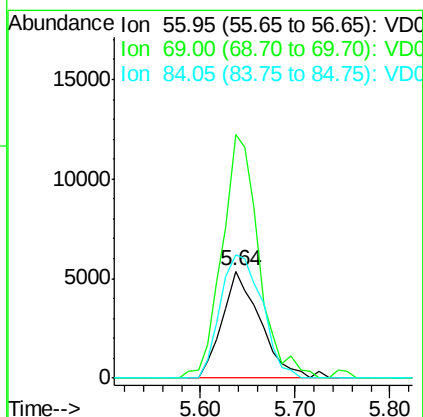
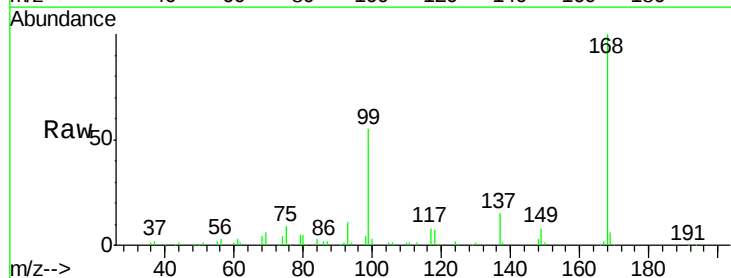
Instrument :
MSVOA_D
ClientSampleId :

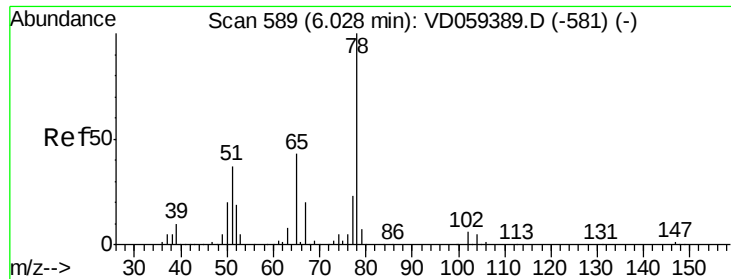
Tot Ion:	84	Resp:	17567
Ion	Ratio	Lower	Upper
84	100		
49	216.3	140.3	210.5#
51	54.0	41.6	62.4
86	70.4	49.4	74.2



#31
Cyclohexane
Concen: Below Cal
RT: 5.64 min Scan# 550
Delta R.T. 0.03 min
Lab File: VD059472.D
Acq: 28 Jun 2018 19:42

Tgt Ion:	56	Resp:	15061
Ion	Ratio	Lower	Upper
56	100		
69	227.6	22.9	34.3#
84	114.9	67.3	100.9#

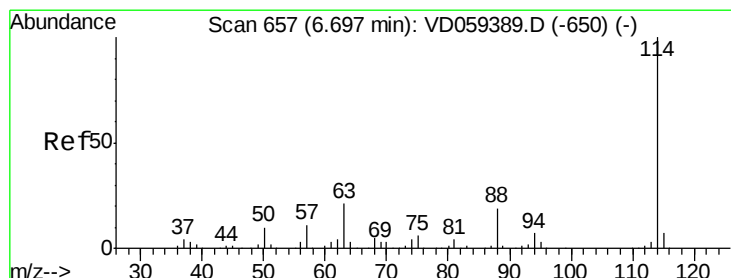
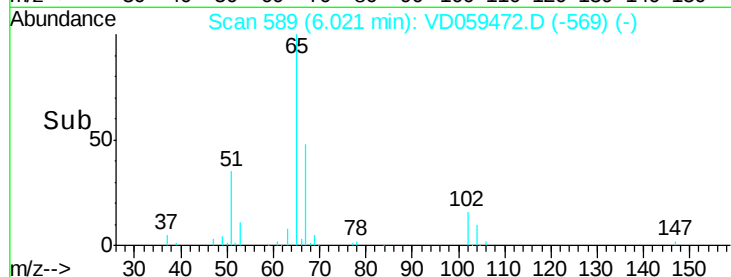
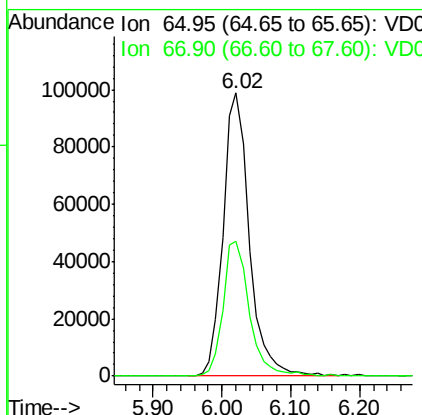
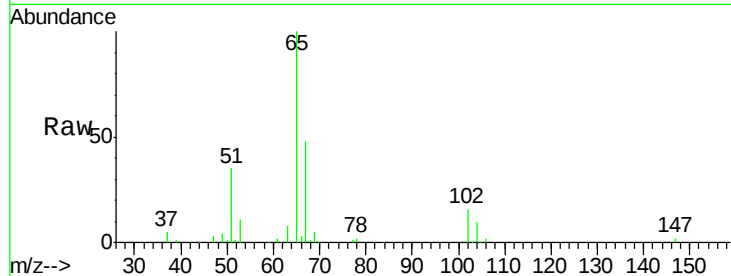




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: VD059472.D
 Acq: 28 Jun 2018 19:42

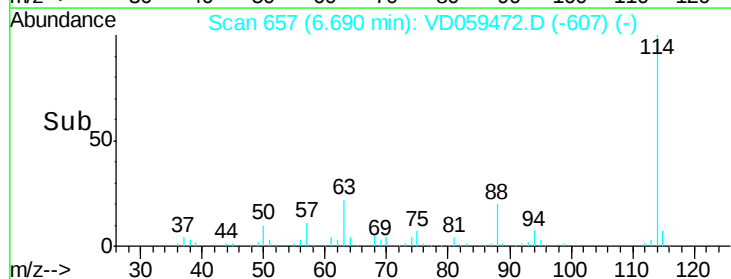
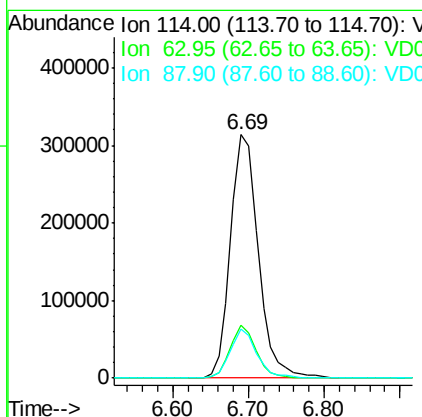
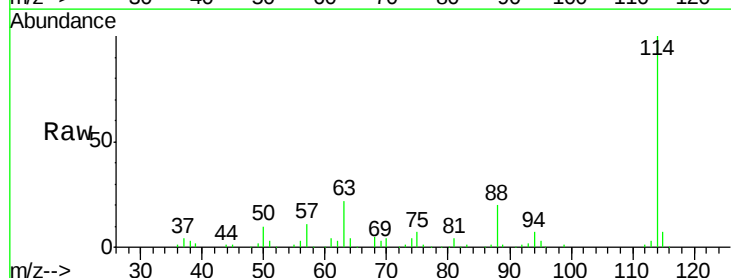
Instrument :
 MSVOA_D
 ClientSampleId :

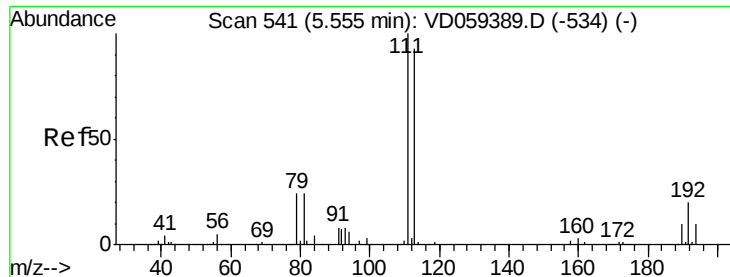
Tot Ion: 65 Resp: 260652
 Ion Ratio Lower Upper
 65 100
 67 47.9 0.0 93.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD059472.D
 Acq: 28 Jun 2018 19:42

Tgt Ion: 114 Resp: 799264
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.4
 88 20.3 0.0 38.0

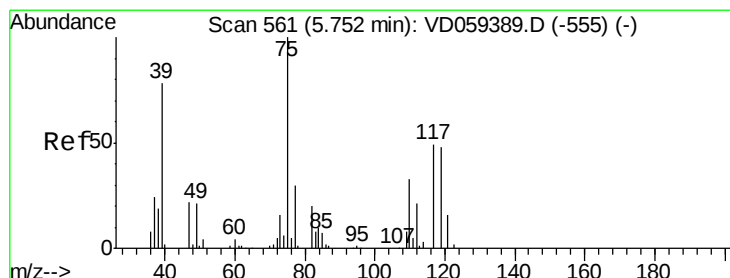
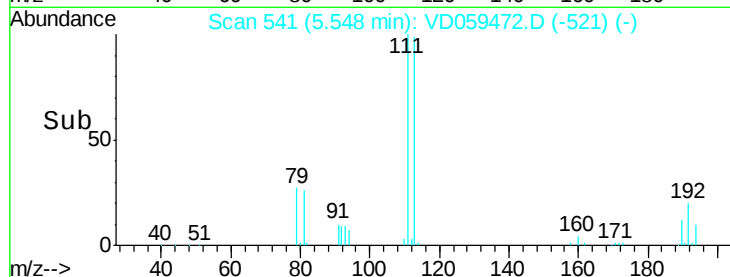
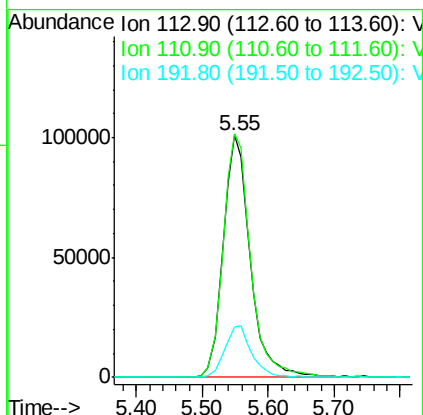
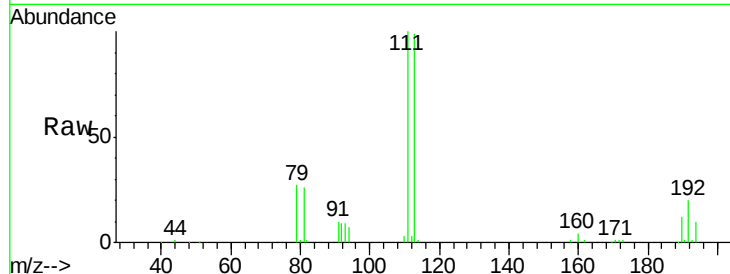




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.55 min Scan# 541
Delta R.T. -0.01 min
Lab File: VD059472.D
Acq: 28 Jun 2018 19:42

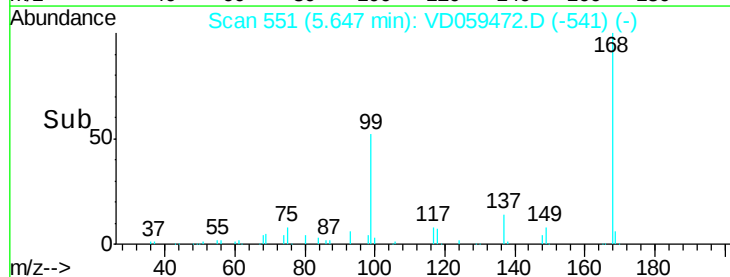
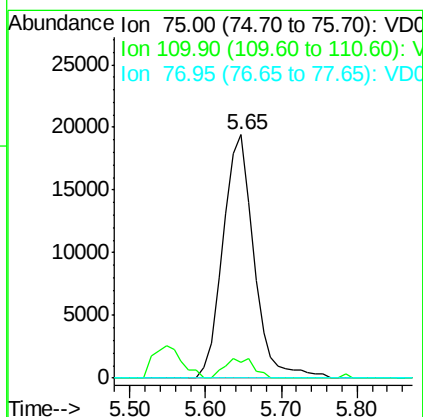
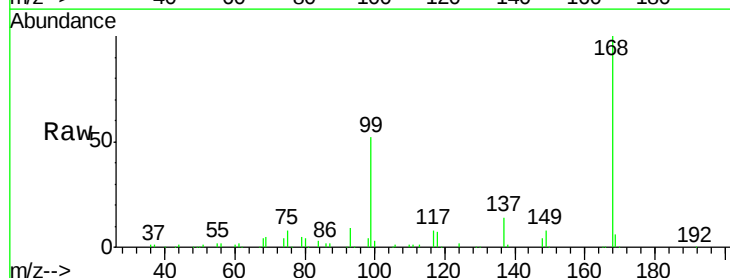
Instrument :
MSVOA_D
ClientSampleId :

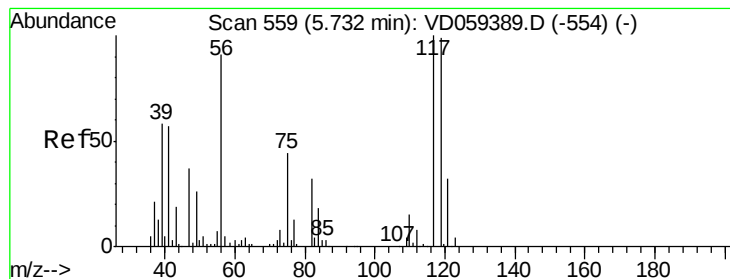
Tot Ion:113 Resp: 289134
Ion Ratio Lower Upper
113 100
111 100.7 85.7 128.5
192 20.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 7.607 ug/l
RT: 5.65 min Scan# 551
Delta R.T. -0.11 min
Lab File: VD059472.D
Acq: 28 Jun 2018 19:42

Tgt Ion: 75 Resp: 55155
Ion Ratio Lower Upper
75 100
110 6.7 16.1 48.2#
77 0.0 23.4 35.2#





#38

Carbon Tetrachloride

Concen: 7.176 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.09 min

Lab File: VD059472.D

Acq: 28 Jun 2018 19:42

Instrument :

MSVOA_D

ClientSampleId :

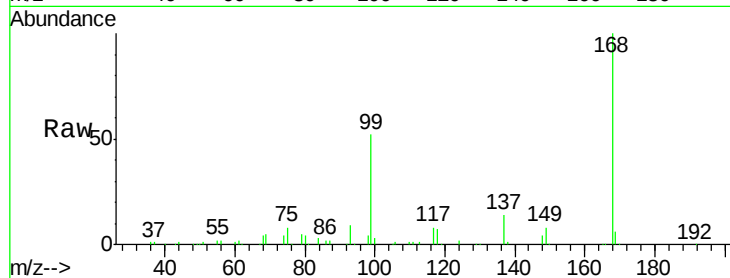
Tot Ion:117 Resp: 53644

Ion Ratio Lower Upper

117 100

119 5.5 76.6 115.0#

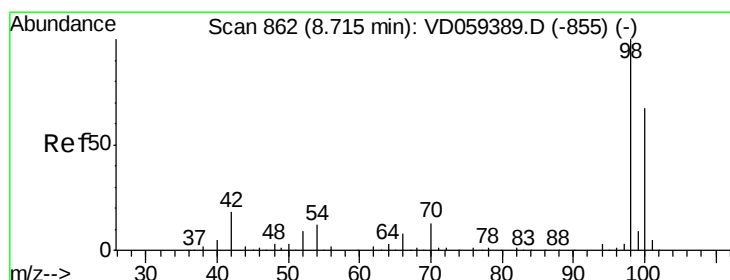
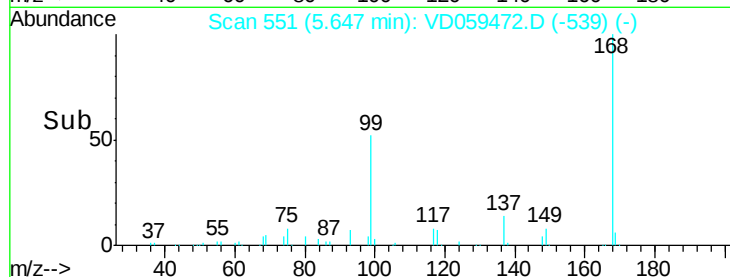
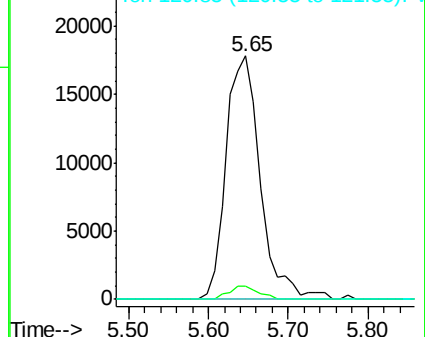
121 0.0 25.0 37.4#



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: 8.71 min Scan# 862

Delta R.T. -0.01 min

Lab File: VD059472.D

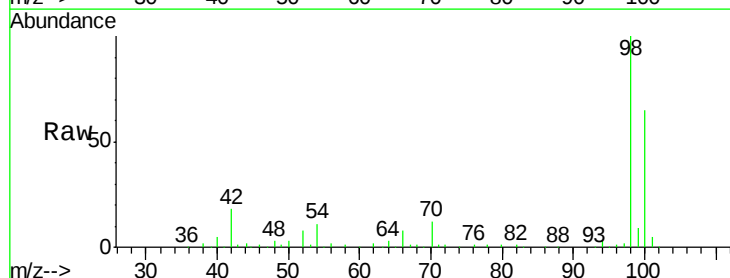
Acq: 28 Jun 2018 19:42

Tgt Ion: 98 Resp: 553608

Ion Ratio Lower Upper

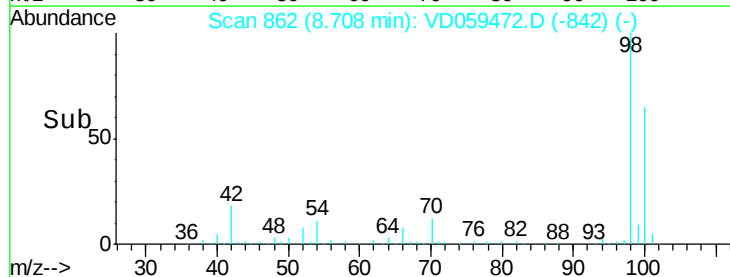
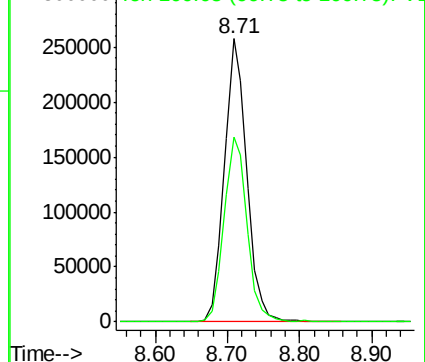
98 100

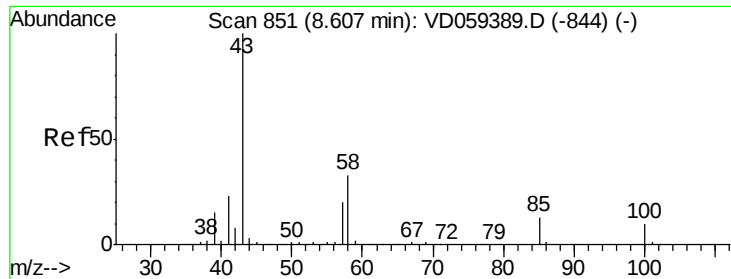
100 65.4 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#51

4-Methyl-2-Pentanone

Concen: 1.026 ug/l

RT: 8.71 min Scan# 862

Delta R.T. 0.10 min

Lab File: VD059472.D

Acq: 28 Jun 2018 19:42

Instrument :

MSVOA_D

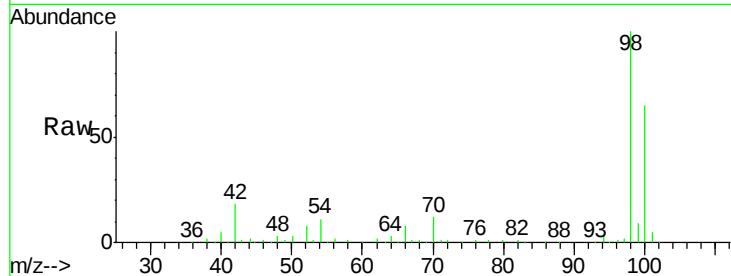
ClientSampleId :

Tot Ion: 43 Resp: 3790

Ion Ratio Lower Upper

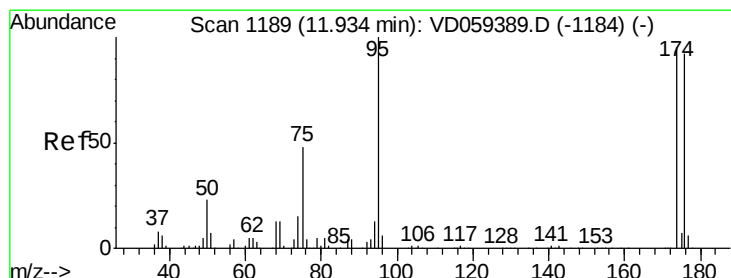
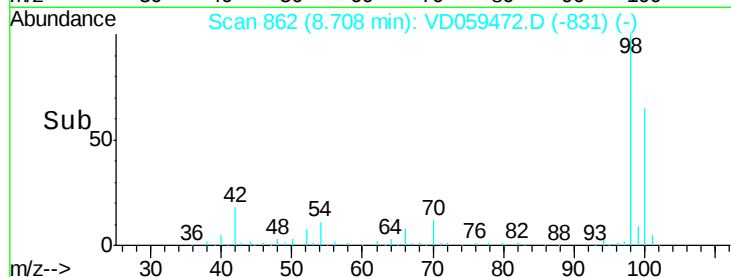
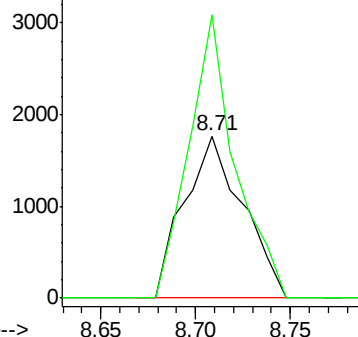
43 100

58 175.0 26.3 39.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.00 min

Lab File: VD059472.D

Acq: 28 Jun 2018 19:42

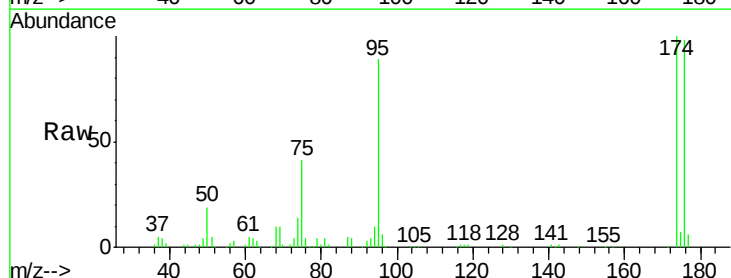
Tgt Ion: 95 Resp: 231974

Ion Ratio Lower Upper

95 100

174 112.1 0.0 190.4

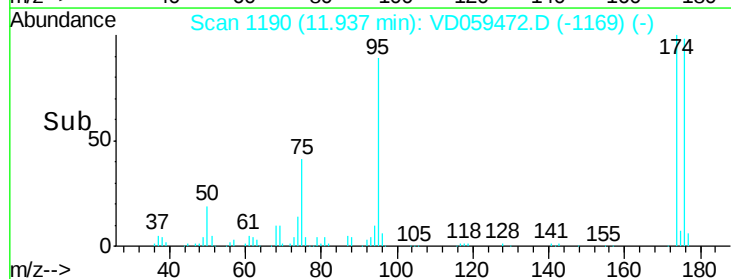
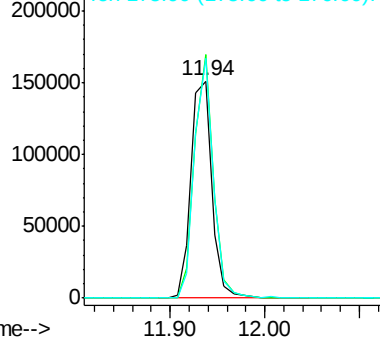
176 110.3 0.0 183.2

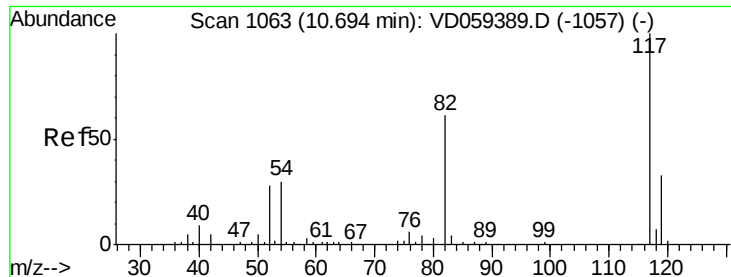


Abundance Ion 95.00 (94.70 to 95.70): VDC

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: 10.69 min Scan# 1063

Delta R.T. -0.01 min

Lab File: VD059472.D

Acq: 28 Jun 2018 19:42

Instrument :

MSVOA_D

ClientSampleId :

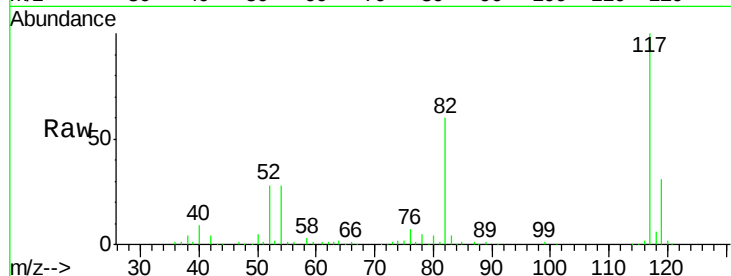
Tot Ion:117 Resp: 651406

Ion Ratio Lower Upper

117 100

82 60.3 49.0 73.6

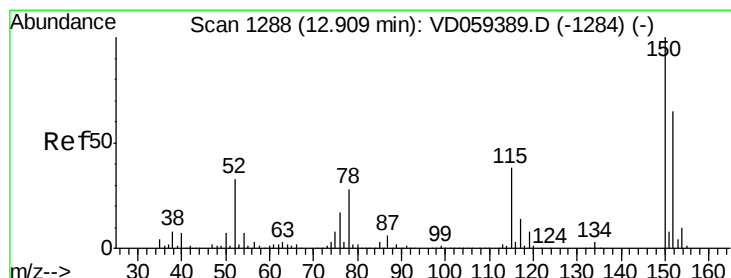
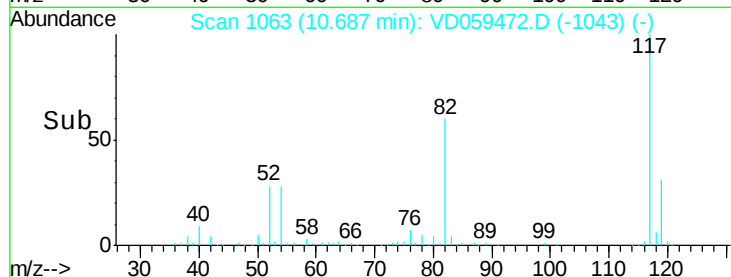
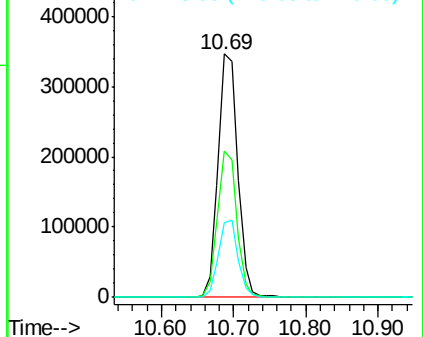
119 30.7 26.2 39.4



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: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD059472.D

Acq: 28 Jun 2018 19:42

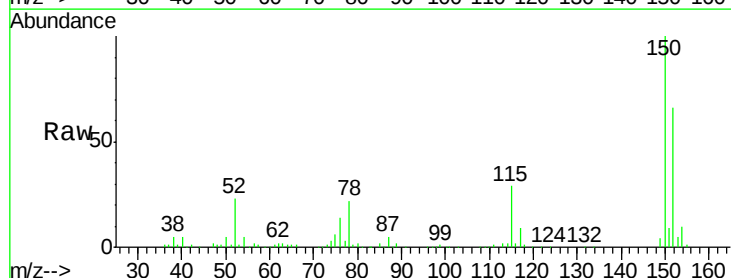
Tgt Ion:152 Resp: 309284

Ion Ratio Lower Upper

152 100

115 43.3 29.4 88.3

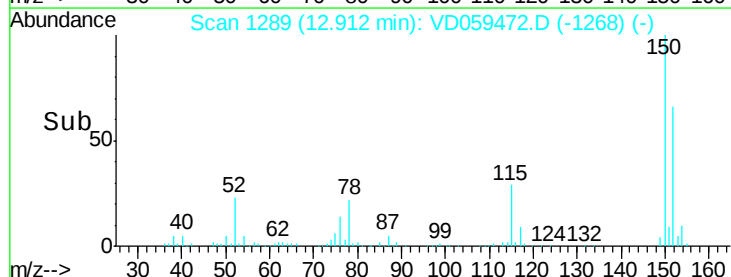
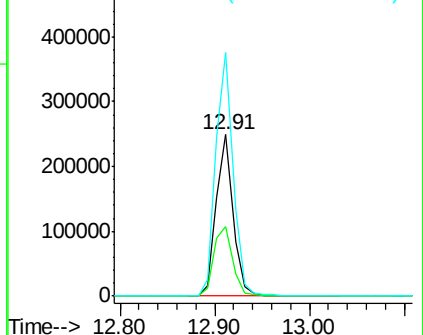
150 151.2 0.0 308.2

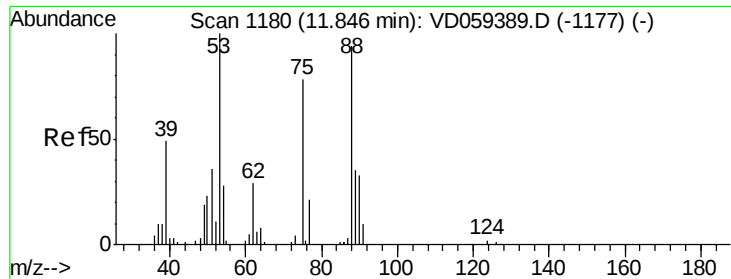


Abundance Ion 151.90 (151.60 to 152.60): V

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: 116.443 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.08 min

Lab File: VD059472.D

Acq: 28 Jun 2018 19:42

Instrument :

MSVOA_D

ClientSampleId :

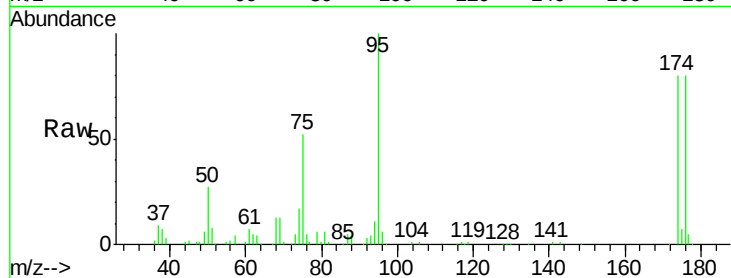
Tot Ion: 75 Resp: 112908

Ion Ratio Lower Upper

75 100

53 0.0 102.6 154.0#

89 0.0 35.9 53.9#



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

