

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\
 Data File : VD059452.D
 Acq On : 27 Jun 2018 18:48
 Operator : VA/AP
 Sample : J3629-01RE
 Misc : 6.09g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 28 02:59:30 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	321946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	431349	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	421947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	241860	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	158483	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	
35) Dibromofluoromethane	5.55	113	148801	42.35	ug/l	0.00
Spiked Amount			Recovery	=	84.70%	
50) Toluene-d8	8.71	98	295178	35.94	ug/l	0.00
Spiked Amount			Recovery	=	71.88%	
62) 4-Bromofluorobenzene	11.93	95	147710	43.23	ug/l	0.00
Spiked Amount			Recovery	=	86.46%	

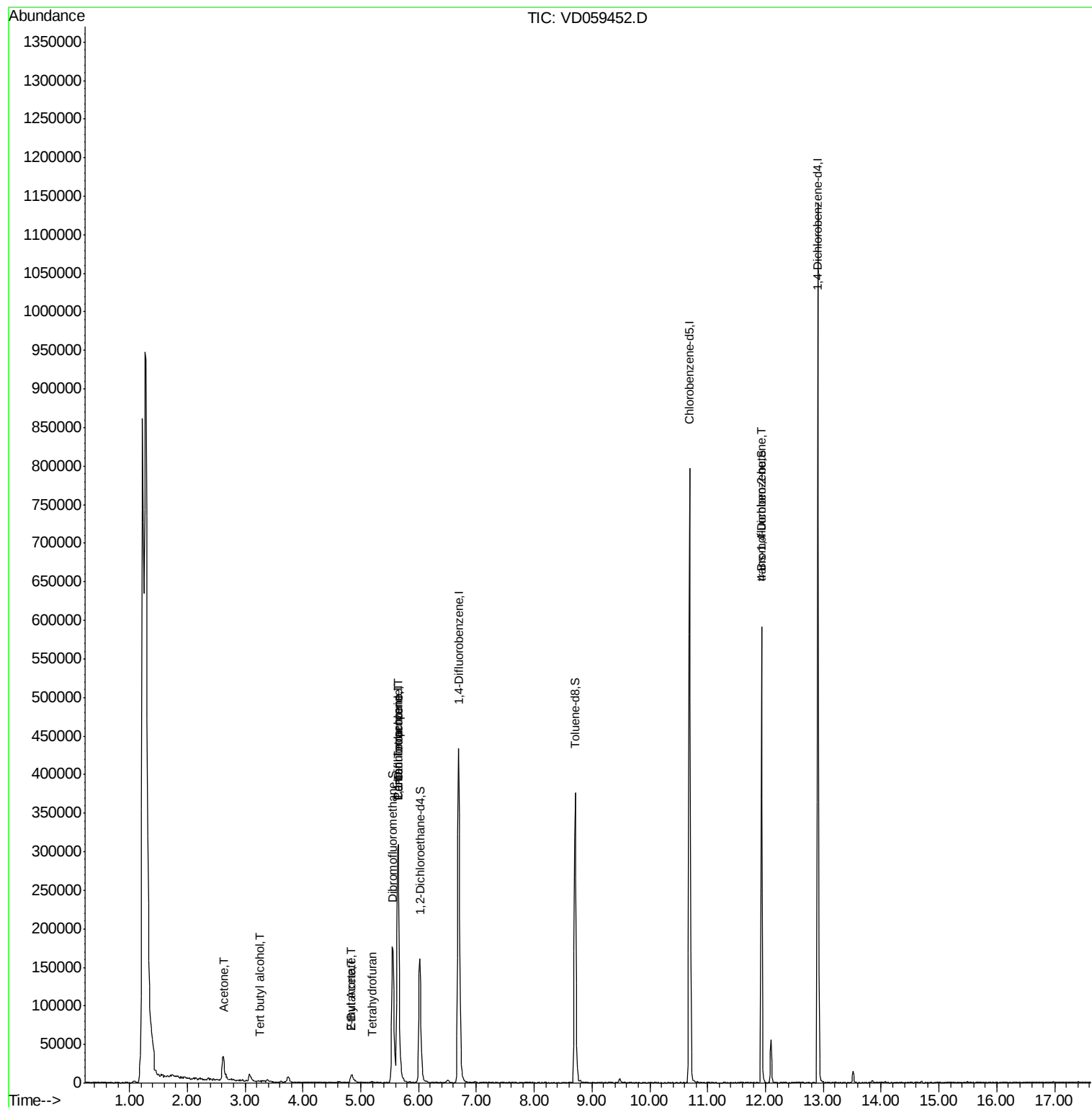
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.88	94	182	Below Cal	#	4
11) Tert butyl alcohol	3.26	59	191	1.677	ug/l #	72
16) Acetone	2.62	43	69917	168.262	ug/l #	84
18) Methyl Acetate	2.91	43	343	Below Cal	#	66
25) 2-Butanone	4.84	43	7208	8.281	ug/l #	91
29) Tetrahydrofuran	5.20	42	1208	2.537	ug/l #	59
31) Cyclohexane	5.65	56	6904	Below Cal	#	16
36) 1,1-Dichloropropene	5.65	75	27394	7.001	ug/l #	51
37) Ethyl Acetate	4.84	43	7208	3.025	ug/l #	69
38) Carbon Tetrachloride	5.64	117	26029	6.452	ug/l #	17
81) trans-1,4-Dichloro-2-buten	11.93	75	70544	93.034	ug/l #	1

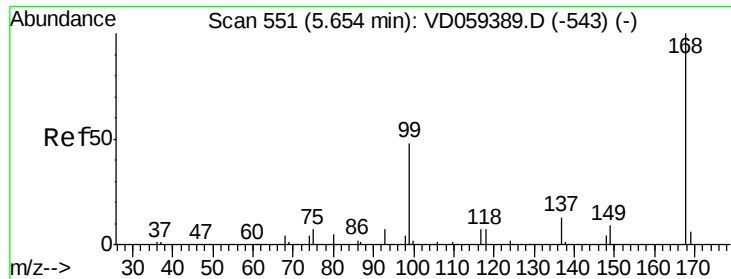
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062718\
Data File : VD059452.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
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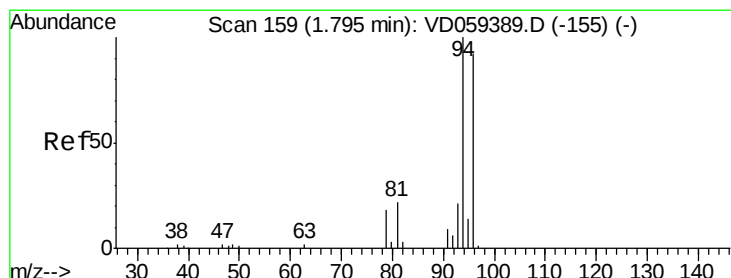
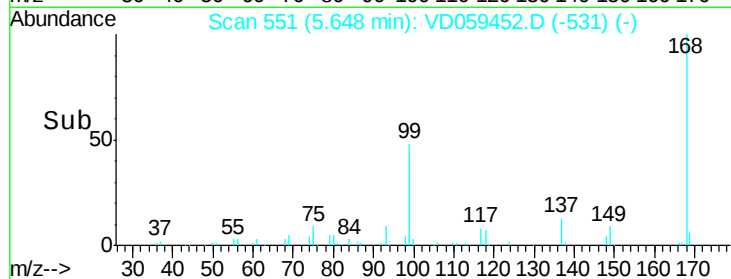
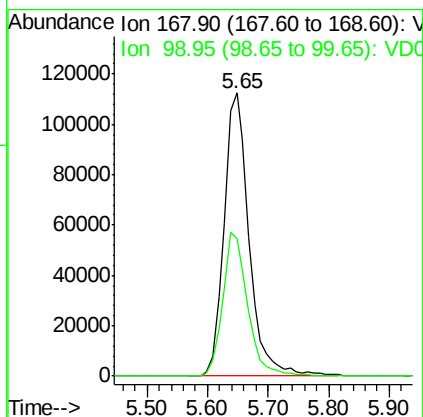
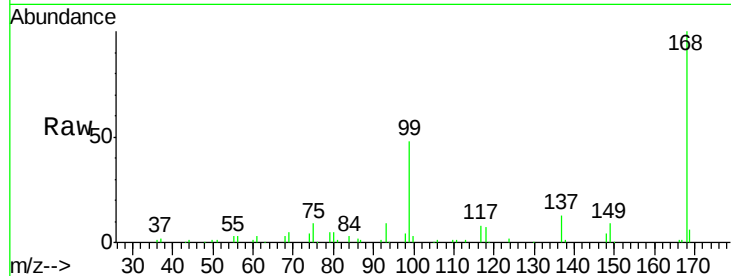




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 551
Delta R.T. -0.01 min
Lab File: VD059452.D
Acq: 27 Jun 2018 18:48

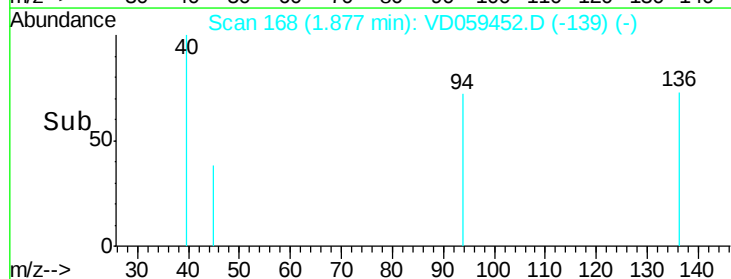
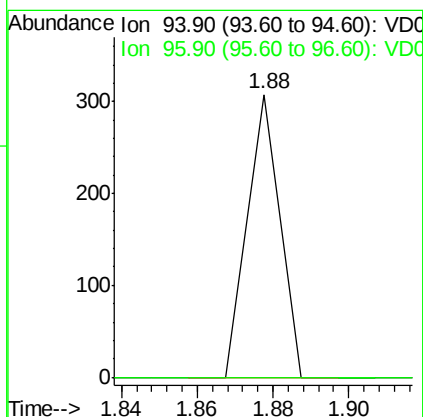
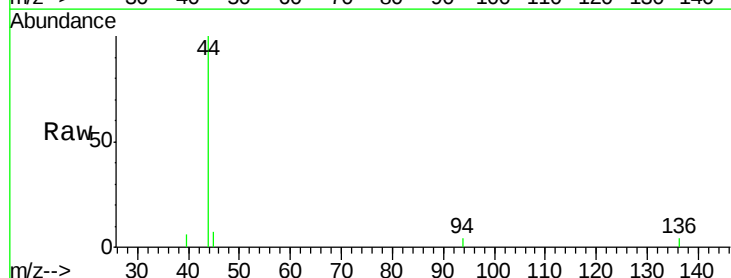
Instrument :
MSVOA_D
ClientSampled :

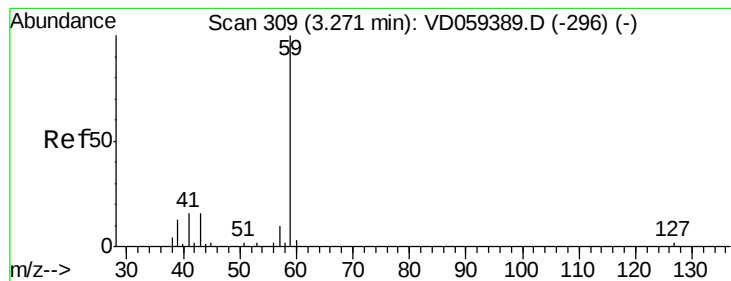
Tot Ion:168 Resp: 321946
Ion Ratio Lower Upper
168 100
99 48.4 41.0 61.6



#5
Bromomethane
Concen: Below Cal
RT: 1.88 min Scan# 168
Delta R.T. 0.08 min
Lab File: VD059452.D
Acq: 27 Jun 2018 18:48

Tgt Ion: 94 Resp: 182
Ion Ratio Lower Upper
94 100
96 0.0 73.4 110.0#



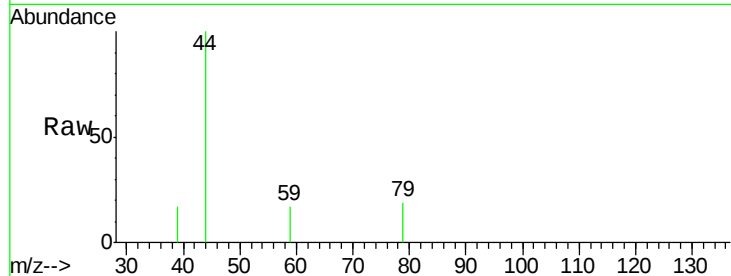


#11

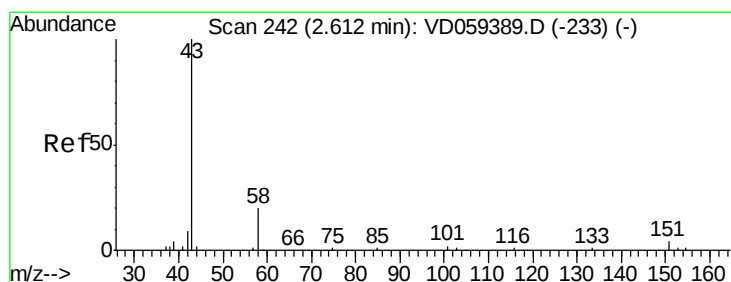
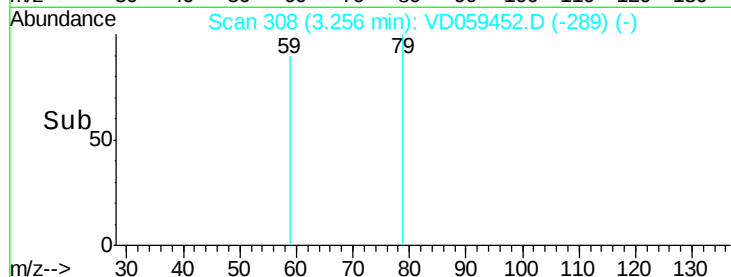
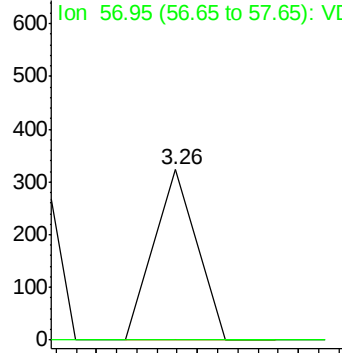
Tert butyl alcohol
 Concen: 1.677 ug/l
 RT: 3.26 min Scan# 308
 Delta R.T. -0.02 min
 Lab File: VD059452.D
 Acq: 27 Jun 2018 18:48

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 59 Resp: 191
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#



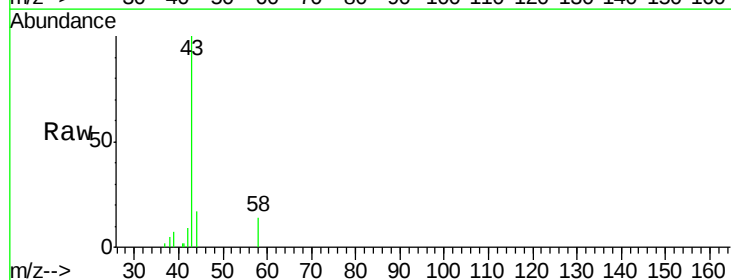
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



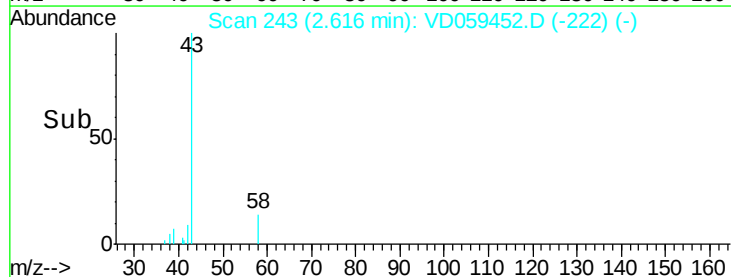
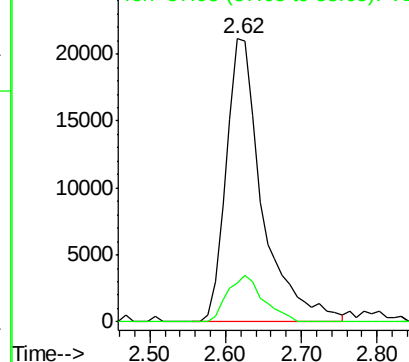
#16

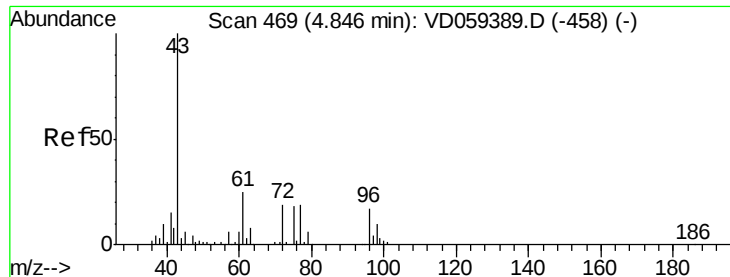
Acetone
 Concen: 168.262 ug/l
 RT: 2.62 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VD059452.D
 Acq: 27 Jun 2018 18:48

Tgt Ion: 43 Resp: 69917
 Ion Ratio Lower Upper
 43 100
 58 13.7 16.8 25.2#



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





#25

2-Butanone

Concen: 8.281 ug/l

RT: 4.84 min Scan# 469

Delta R.T. -0.01 min

Lab File: VD059452.D

Acq: 27 Jun 2018 18:48

Instrument :

MSVOA_D

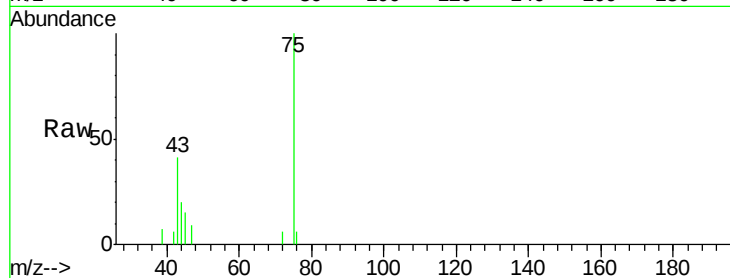
ClientSampled :

Tot Ion: 43 Resp: 7208

Ion Ratio Lower Upper

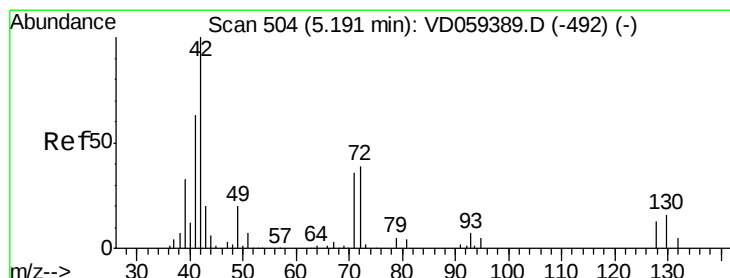
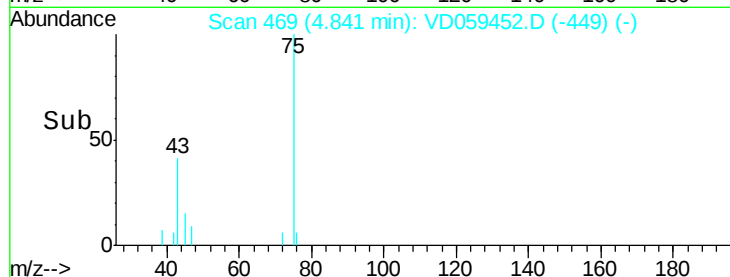
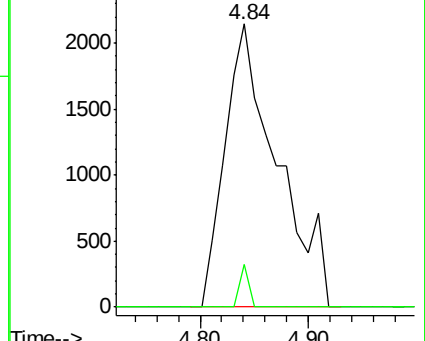
43 100

72 15.3 15.4 23.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#29

Tetrahydrofuran

Concen: 2.537 ug/l

RT: 5.20 min Scan# 505

Delta R.T. 0.00 min

Lab File: VD059452.D

Acq: 27 Jun 2018 18:48

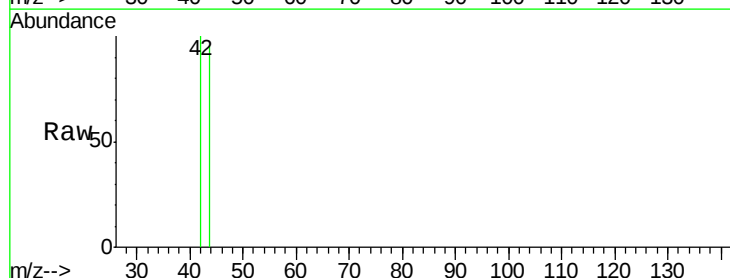
Tgt Ion: 42 Resp: 1208

Ion Ratio Lower Upper

42 100

72 26.8 31.4 47.2#

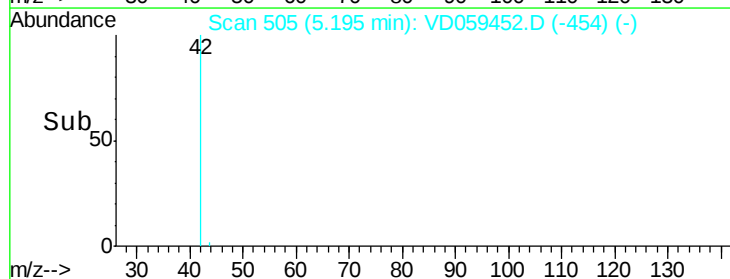
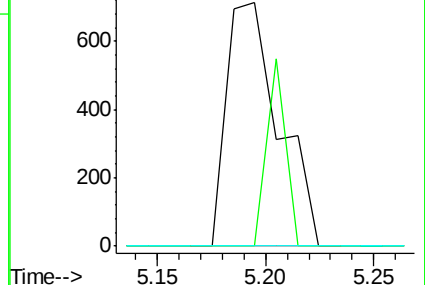
71 0.0 29.7 44.5#

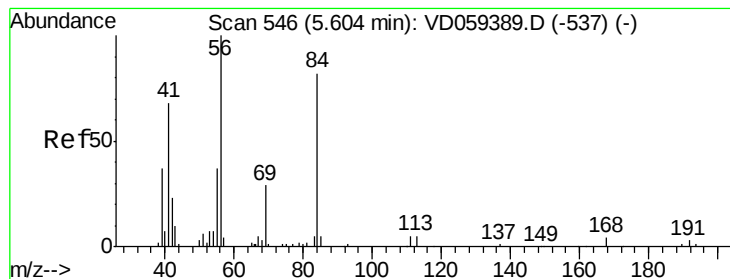


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC





#31

Cyclohexane

Concen: Below Cal

RT: 5.65 min Scan# 551

Delta R.T. 0.04 min

Lab File: VD059452.D

Acq: 27 Jun 2018 18:48

Instrument :

MSVOA_D

ClientSampleId :

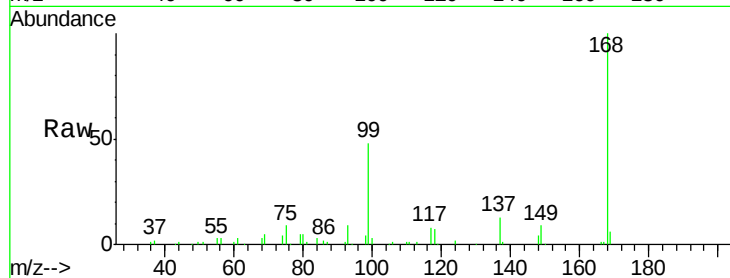
Tot Ion: 56 Resp: 6904

Ion Ratio Lower Upper

56 100

69 181.9 22.9 34.3#

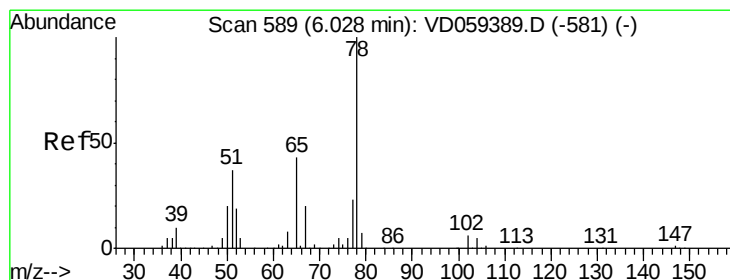
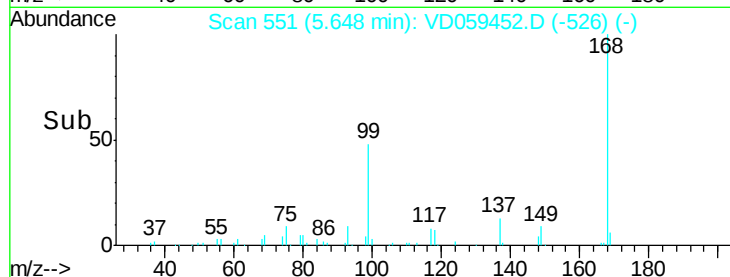
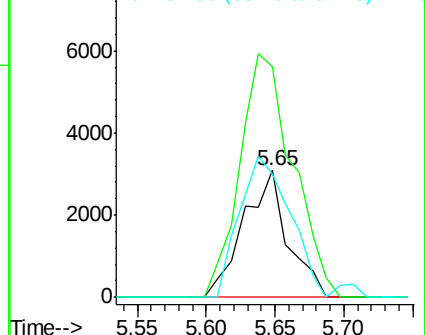
84 97.3 67.3 100.9



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: Below ug/l

RT: 6.02 min Scan# 589

Delta R.T. -0.01 min

Lab File: VD059452.D

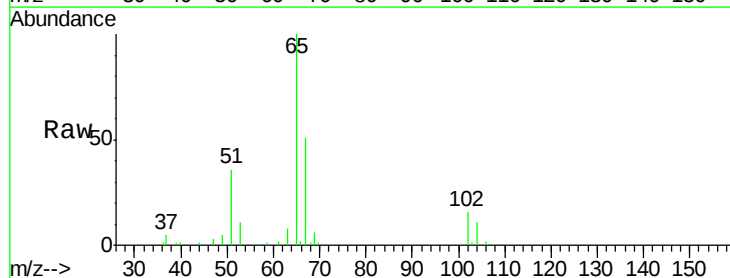
Acq: 27 Jun 2018 18:48

Tgt Ion: 65 Resp: 158483

Ion Ratio Lower Upper

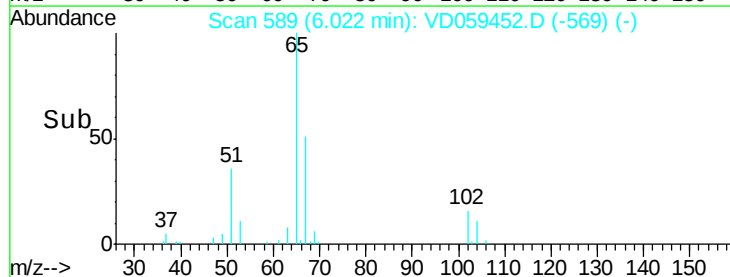
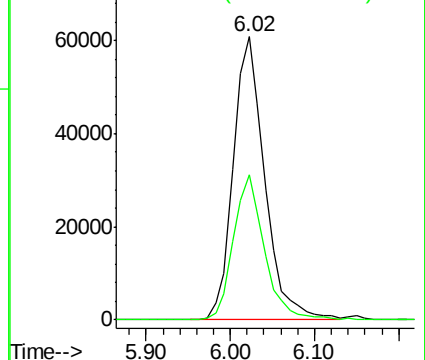
65 100

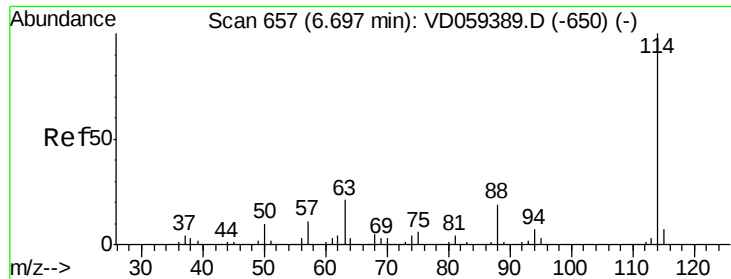
67 51.1 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

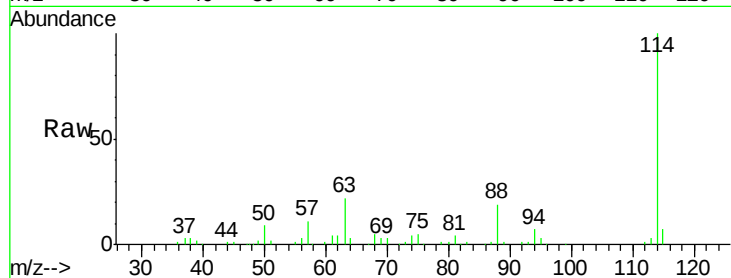




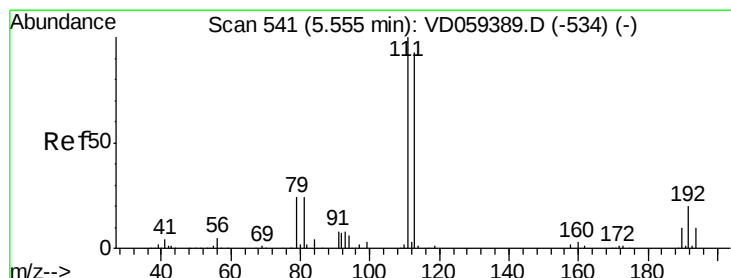
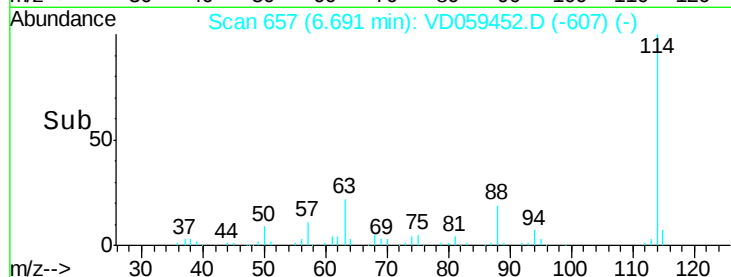
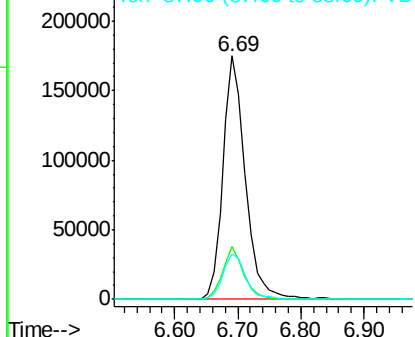
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD059452.D
 Acq: 27 Jun 2018 18:48

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 431349
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.4
 88 18.7 0.0 38.0

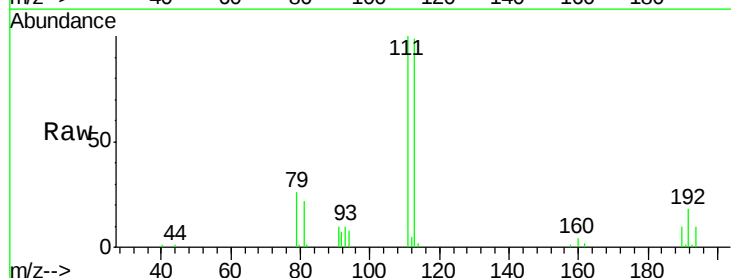


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

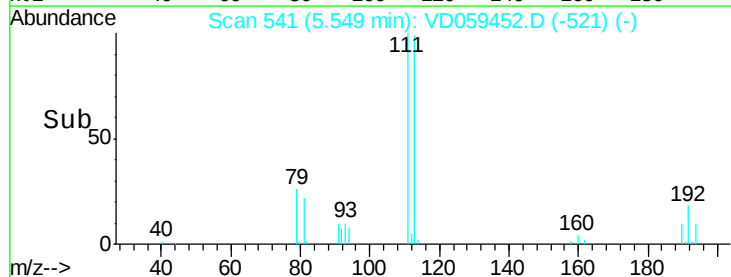
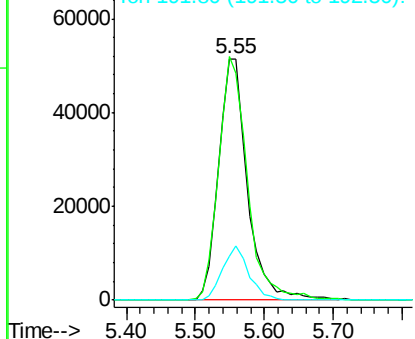


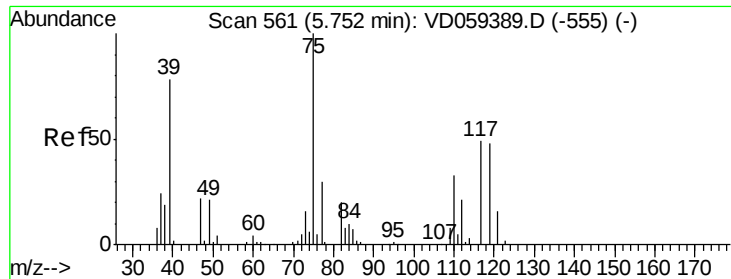
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VD059452.D
 Acq: 27 Jun 2018 18:48

Tgt Ion:113 Resp: 148801
 Ion Ratio Lower Upper
 113 100
 111 100.9 85.7 128.5
 192 18.2 16.9 25.3



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

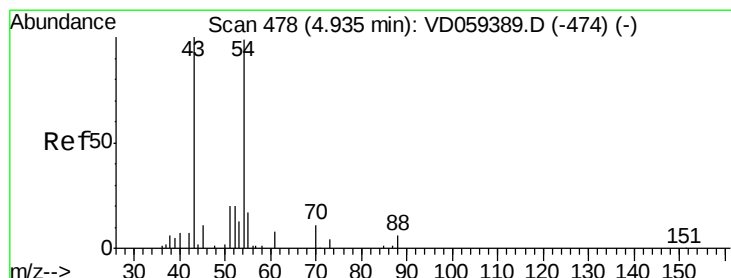
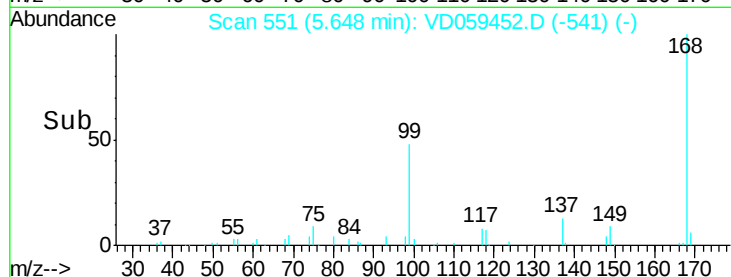
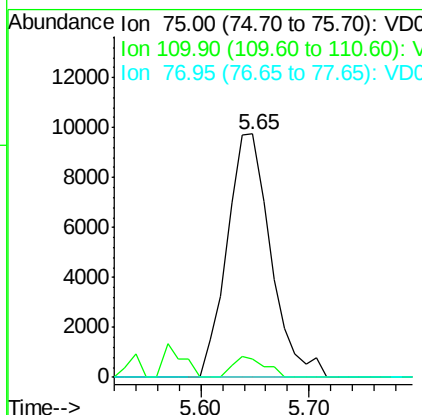
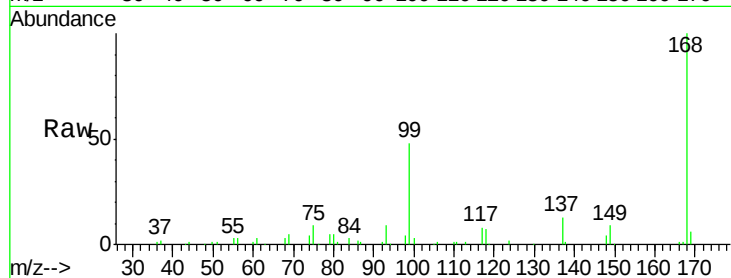




#36
 1,1-Dichloropropene
 Concen: 7.001 ug/l
 RT: 5.65 min Scan# 551
 Delta R.T. -0.10 min
 Lab File: VD059452.D
 Acq: 27 Jun 2018 18:48

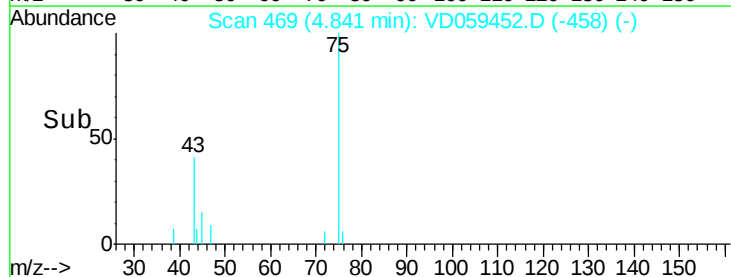
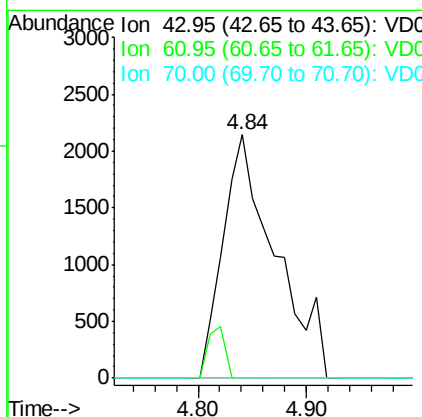
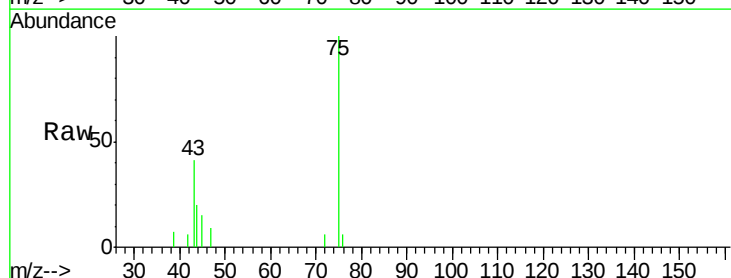
Instrument :
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 ClientSampleId :

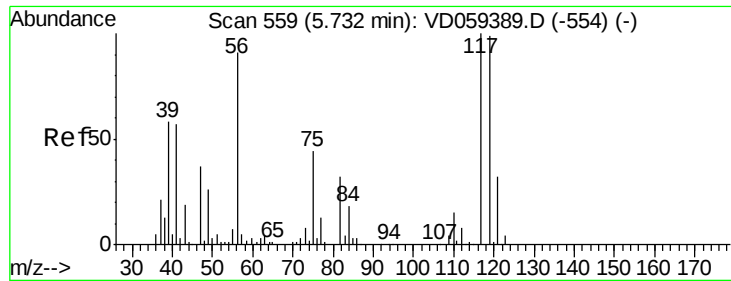
Tot Ion: 75 Resp: 27394
 Ion Ratio Lower Upper
 75 100
 110 7.5 16.1 48.2#
 77 0.0 23.4 35.2#



#37
 Ethyl Acetate
 Concen: 3.025 ug/l
 RT: 4.84 min Scan# 469
 Delta R.T. -0.09 min
 Lab File: VD059452.D
 Acq: 27 Jun 2018 18:48

Tgt Ion: 43 Resp: 7208
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.8#
 70 0.0 6.1 9.1#





#38

Carbon Tetrachloride

Concen: 6.452 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.09 min

Lab File: VD059452.D

Acq: 27 Jun 2018 18:48

Instrument :

MSVOA_D

ClientSampleId :

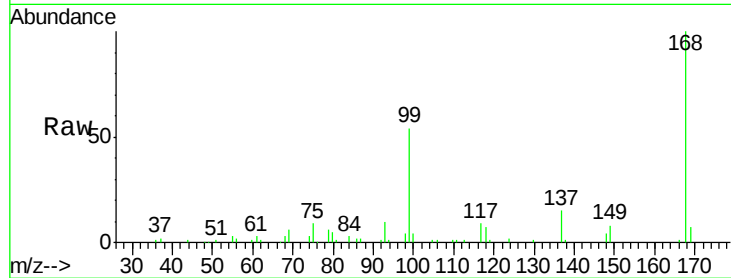
Tot Ion:117 Resp: 26029

Ion Ratio Lower Upper

117 100

119 6.0 76.6 115.0#

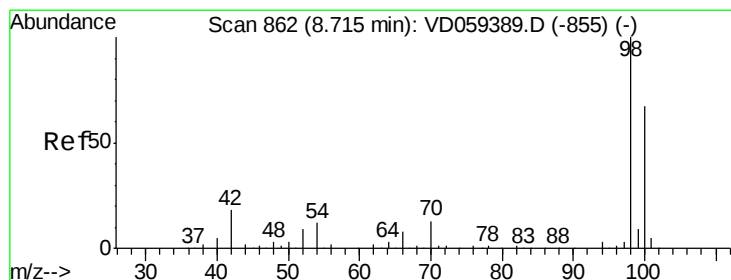
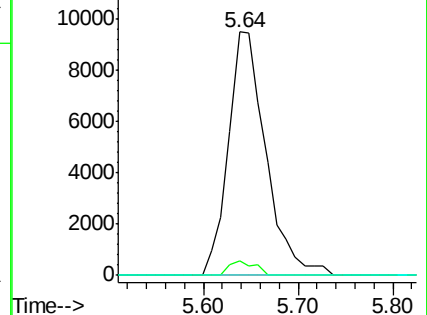
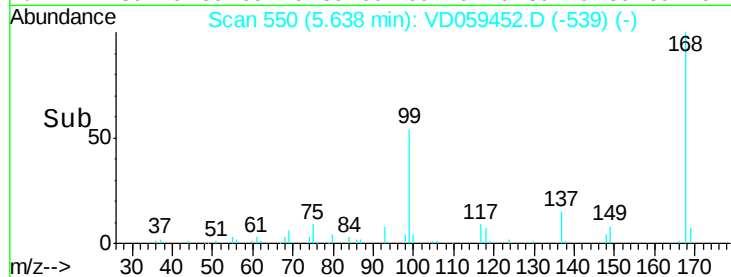
121 0.0 25.0 37.4#



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: VD059452.D

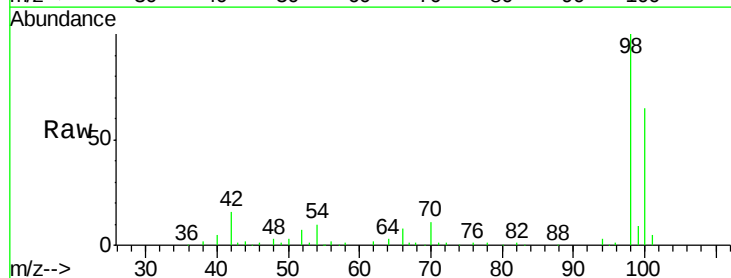
Acq: 27 Jun 2018 18:48

Tgt Ion: 98 Resp: 295178

Ion Ratio Lower Upper

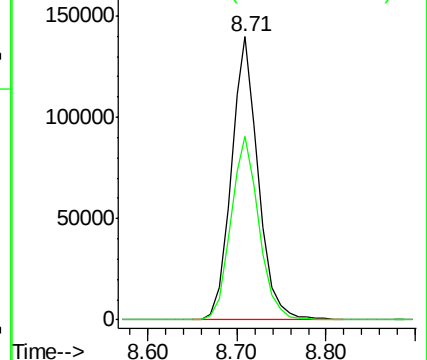
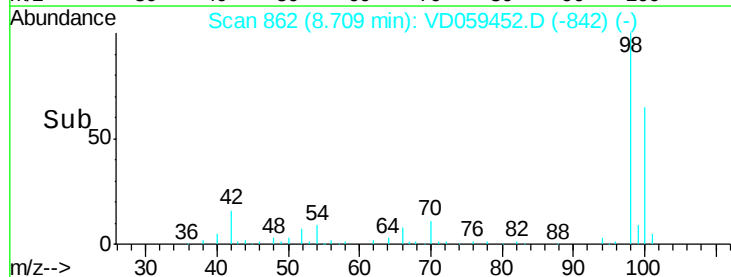
98 100

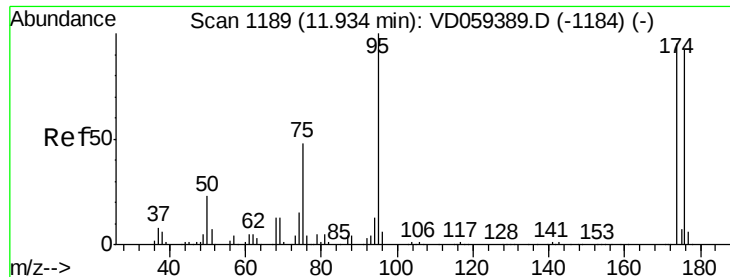
100 64.9 54.4 81.6



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: 11.93 min Scan# 1189

Delta R.T. -0.01 min

Lab File: VD059452.D

Acq: 27 Jun 2018 18:48

Instrument :

MSVOA_D

ClientSampleId :

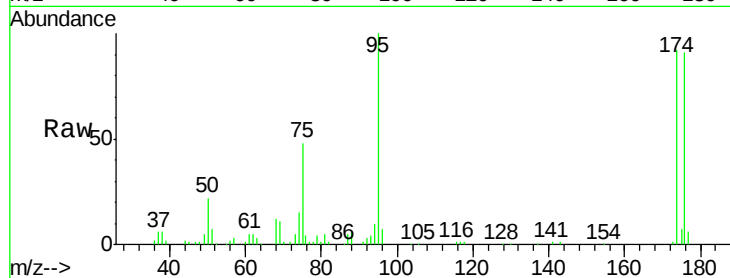
Tot Ion: 95 Resp: 147710

Ion Ratio Lower Upper

95 100

174 91.6 0.0 190.4

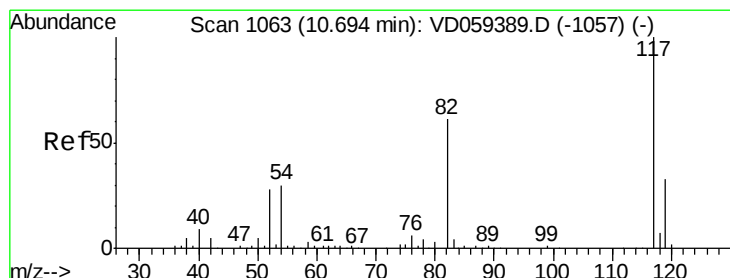
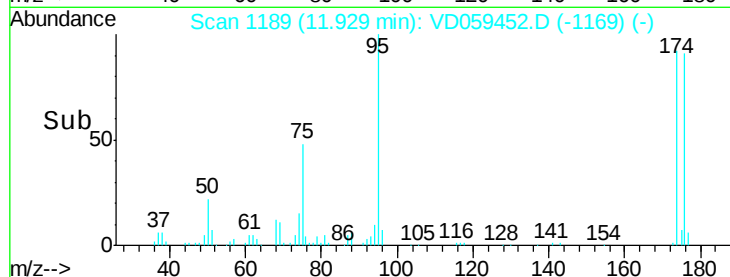
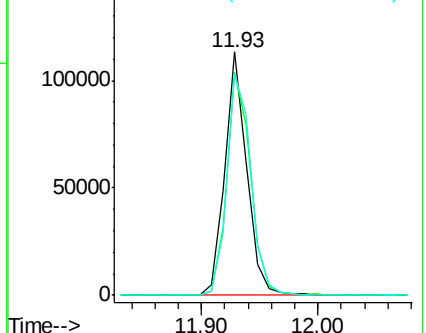
176 91.2 0.0 183.2



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: 50.000 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. -0.01 min

Lab File: VD059452.D

Acq: 27 Jun 2018 18:48

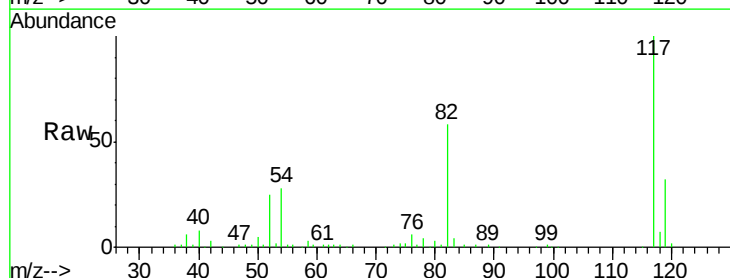
Tgt Ion: 117 Resp: 421947

Ion Ratio Lower Upper

117 100

82 57.8 49.0 73.6

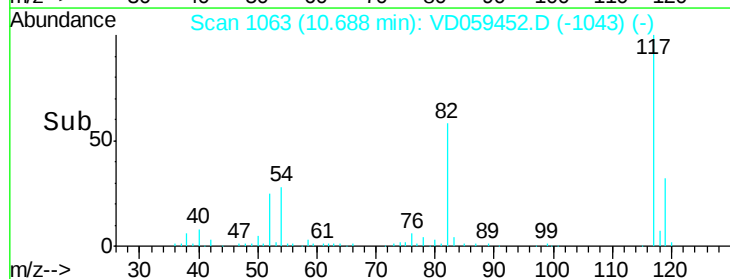
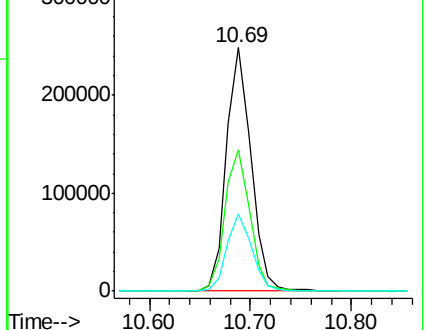
119 31.8 26.2 39.4

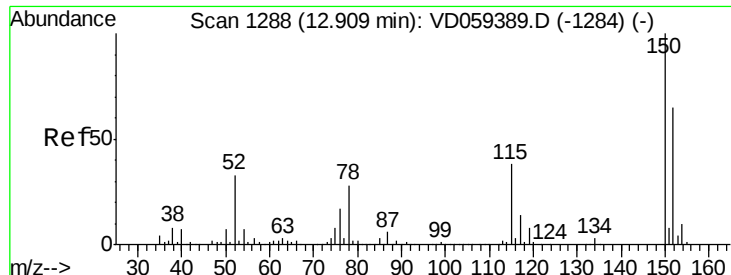


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD059452.D

Acq: 27 Jun 2018 18:48

Instrument :

MSVOA_D

ClientSampleId :

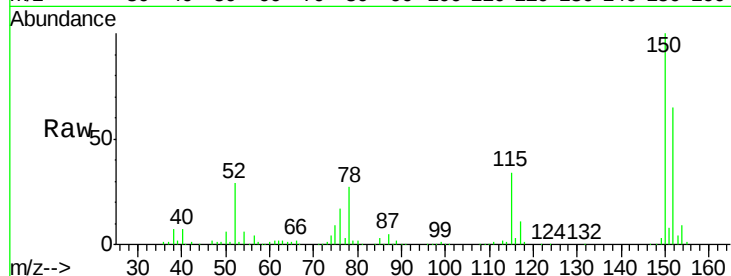
Tot Ion:152 Resp: 241860

Ion Ratio Lower Upper

152 100

115 52.6 29.4 88.3

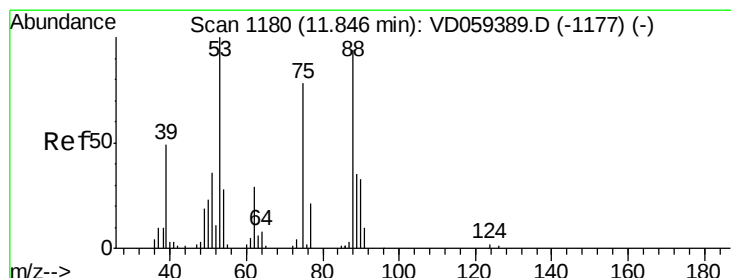
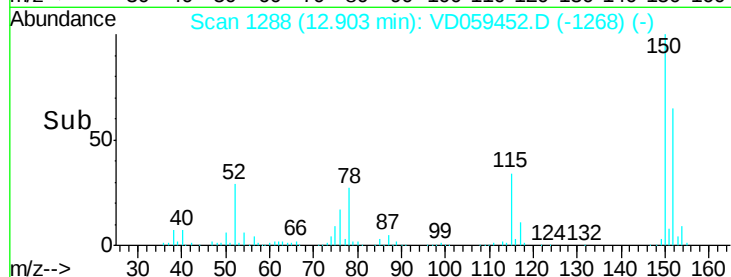
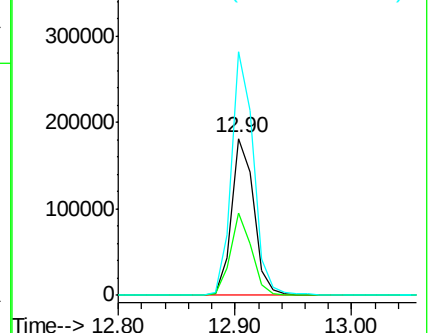
150 154.9 0.0 308.2



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: 93.034 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.08 min

Lab File: VD059452.D

Acq: 27 Jun 2018 18:48

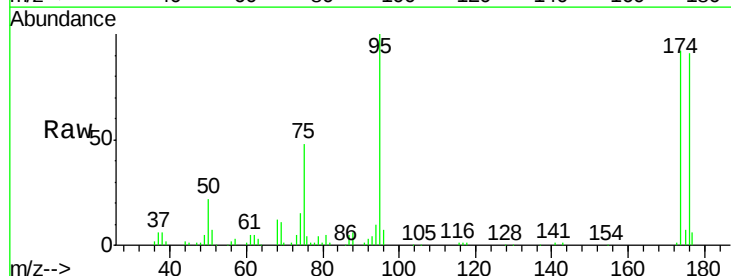
Tgt Ion: 75 Resp: 70544

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

