

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059470.D
 Acq On : 28 Jun 2018 18:45
 Operator : VA/AP
 Sample : J3629-14RE
 Misc : 5.80g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 29 01:28:02 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	503285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	646082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	530651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	233229	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	358242	69.60	ug/l	0.00
Spiked Amount			Recovery	=	139.20%	
35) Dibromofluoromethane	5.55	113	361314	68.66	ug/l	0.00
Spiked Amount			Recovery	=	137.32%	
50) Toluene-d8	8.71	98	724518	58.89	ug/l	0.00
Spiked Amount			Recovery	=	117.78%	
62) 4-Bromofluorobenzene	11.94	95	296014	57.85	ug/l	0.00
Spiked Amount			Recovery	=	115.70%	

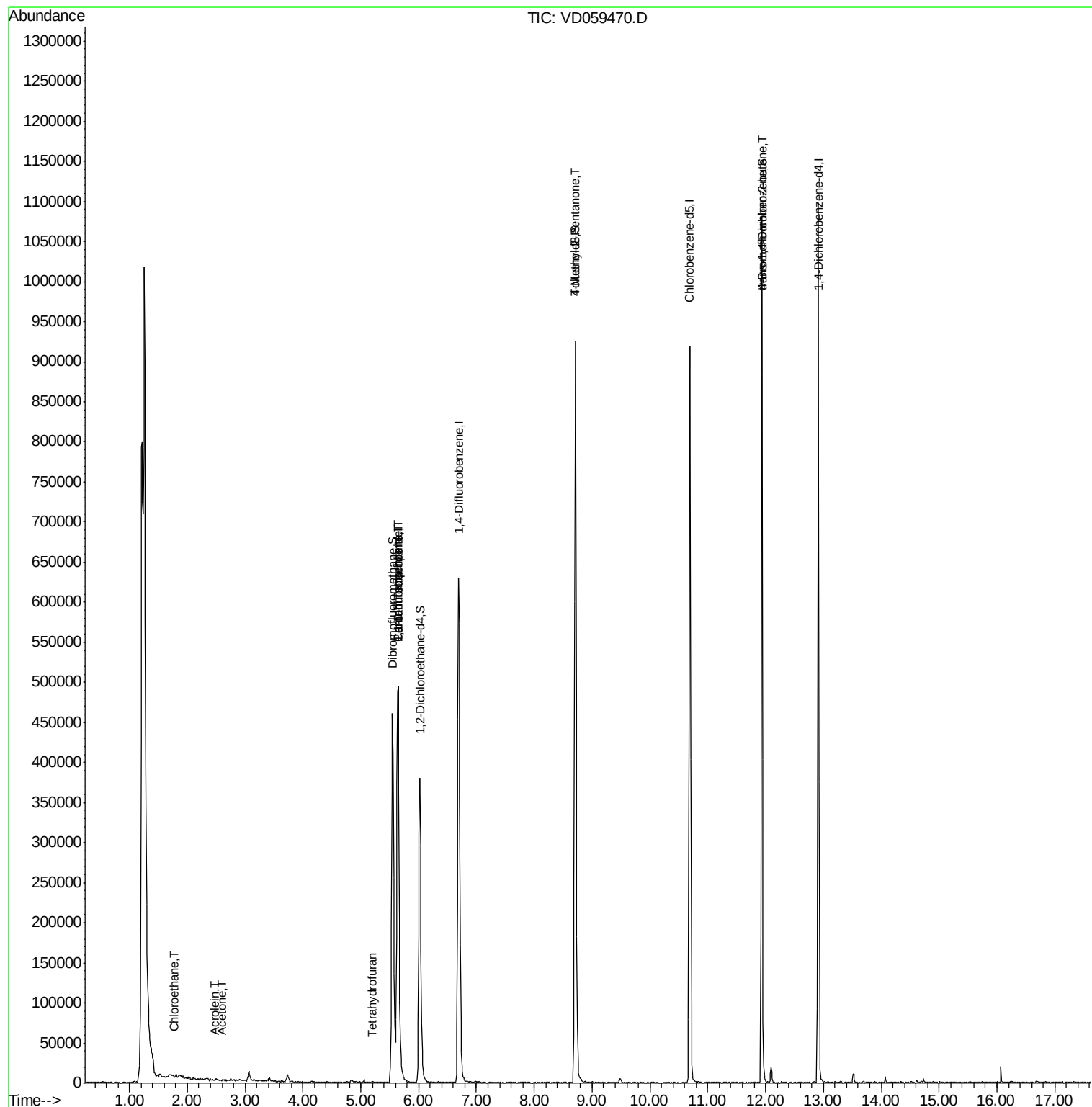
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.81	94	197	Below Cal	#	4
6) Chloroethane	1.78	64	280	2.134	ug/l #	41
13) Acrolein	2.46	56	215	1.351	ug/l #	16
16) Acetone	2.60	43	1739	2.677	ug/l #	55
18) Methyl Acetate	2.96	43	381	Below Cal	#	66
29) Tetrahydrofuran	5.20	42	890	1.196	ug/l #	37
31) Cyclohexane	5.64	56	10994	Below Cal	#	1
36) 1,1-Dichloropropene	5.65	75	38616	6.589	ug/l #	52
38) Carbon Tetrachloride	5.64	117	40732	6.741	ug/l #	16
51) 4-Methyl-2-Pentanone	8.71	43	5130	1.718	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.94	75	146466	200.308	ug/l #	1

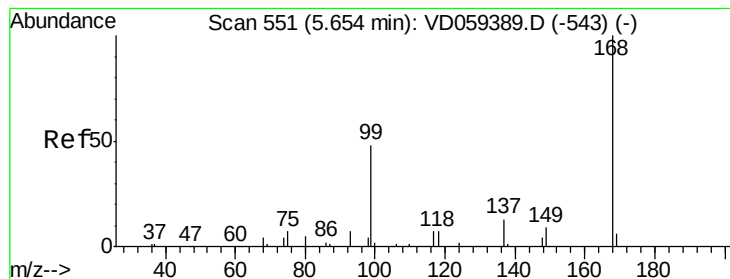
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062818\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.01 min

Lab File: VD059470.D

Acq: 28 Jun 2018 18:45

Instrument :

MSVOA_D

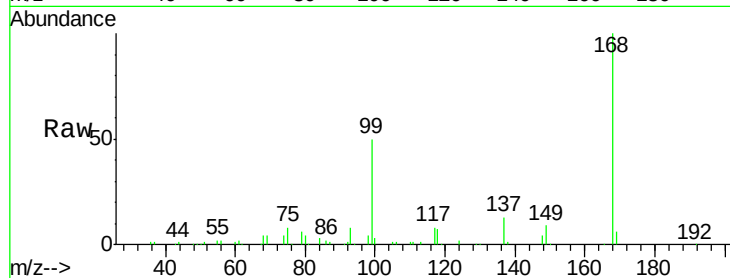
ClientSampleId :

Tot Ion:168 Resp: 503285

Ion Ratio Lower Upper

168 100

99 50.2 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

200000

150000

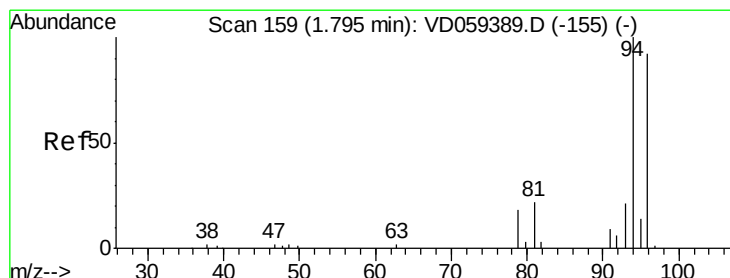
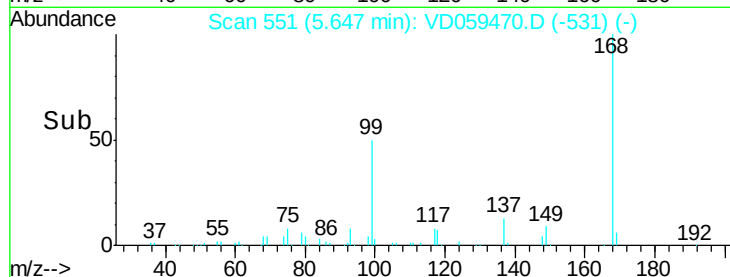
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: Below Cal

RT: 1.81 min Scan# 161

Delta R.T. 0.01 min

Lab File: VD059470.D

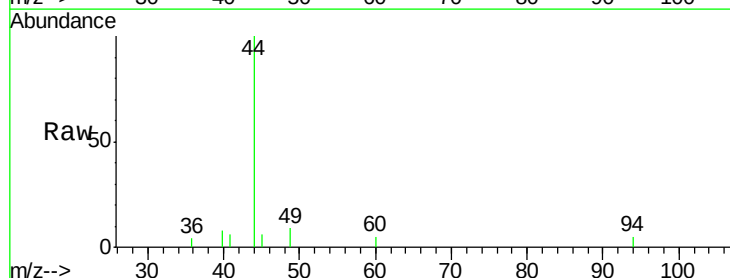
Acq: 28 Jun 2018 18:45

Tgt Ion: 94 Resp: 197

Ion Ratio Lower Upper

94 100

96 0.0 73.4 110.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

1.81

300

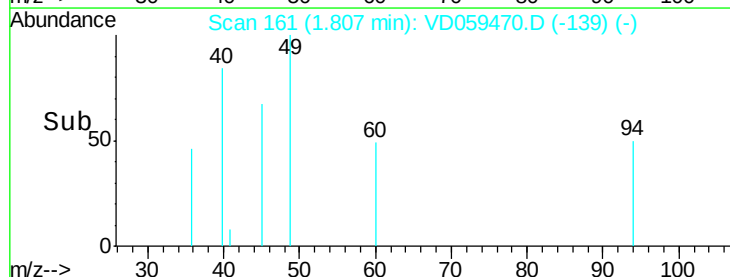
200

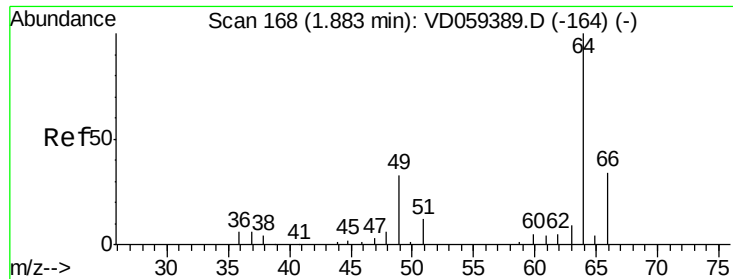
100

0

Time-->

1.78 1.80 1.82 1.84





#6

Chloroethane

Concen: 2.134 ug/l

RT: 1.78 min Scan# 158

Delta R.T. -0.11 min

Lab File: VD059470.D

Acq: 28 Jun 2018 18:45

Instrument :

MSVOA_D

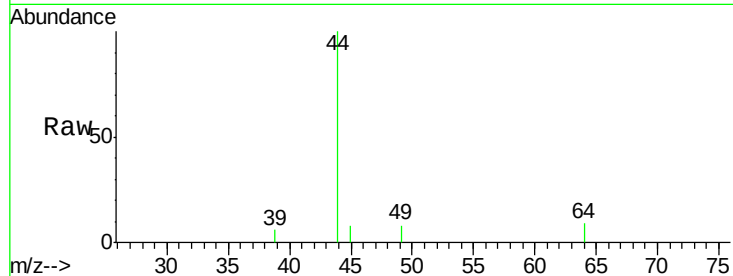
ClientSampleId :

Tot Ion: 64 Resp: 280

Ion Ratio Lower Upper

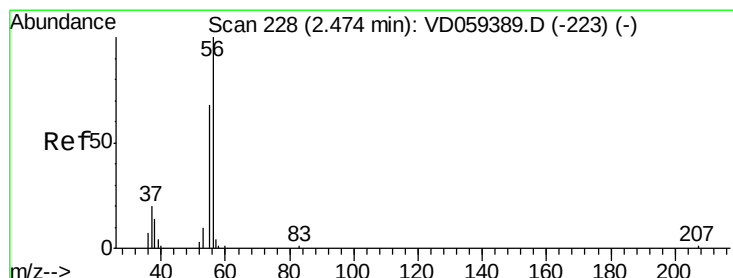
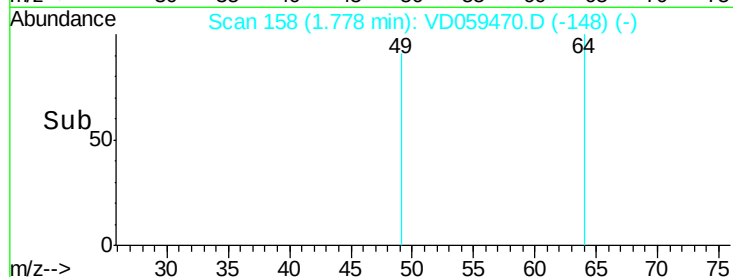
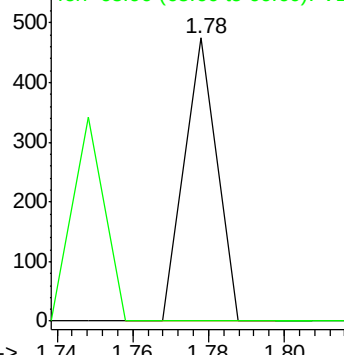
64 100

66 0.0 27.1 40.7#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



#13

Acrolein

Concen: 1.351 ug/l

RT: 2.46 min Scan# 227

Delta R.T. -0.02 min

Lab File: VD059470.D

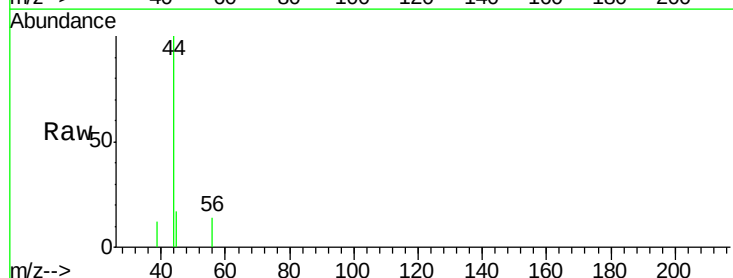
Acq: 28 Jun 2018 18:45

Tgt Ion: 56 Resp: 215

Ion Ratio Lower Upper

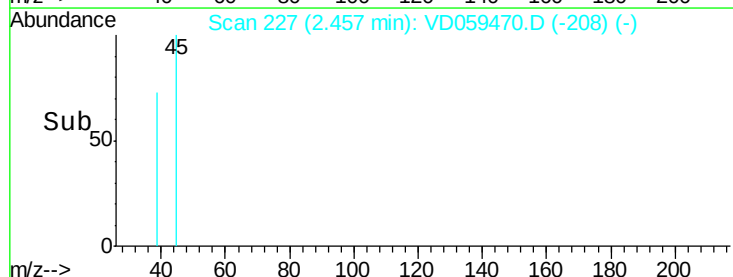
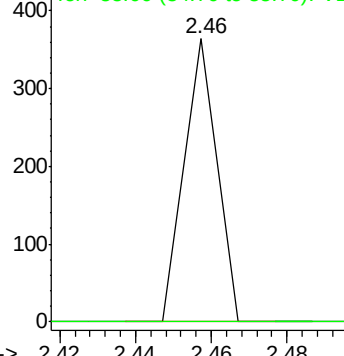
56 100

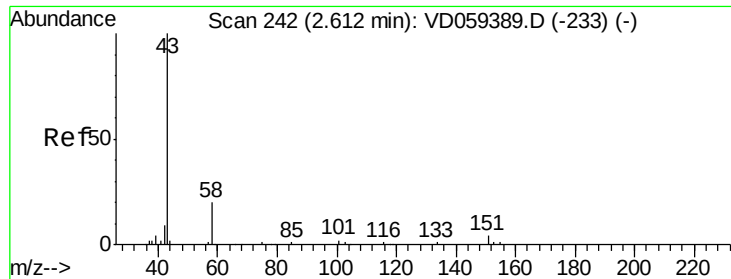
55 0.0 54.6 82.0#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC





#16

Acetone

Concen: 2.677 ug/l

RT: 2.60 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD059470.D

Acq: 28 Jun 2018 18:45

Instrument :

MSVOA_D

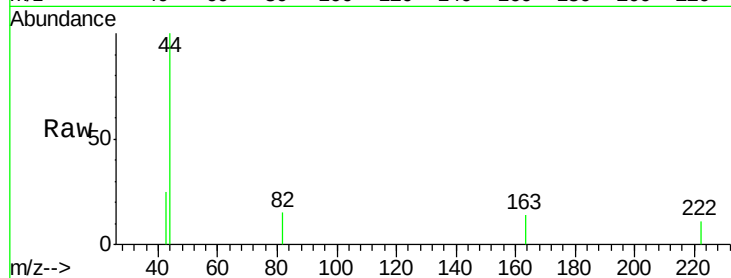
ClientSampled :

Tot Ion: 43 Resp: 1739

Ion Ratio Lower Upper

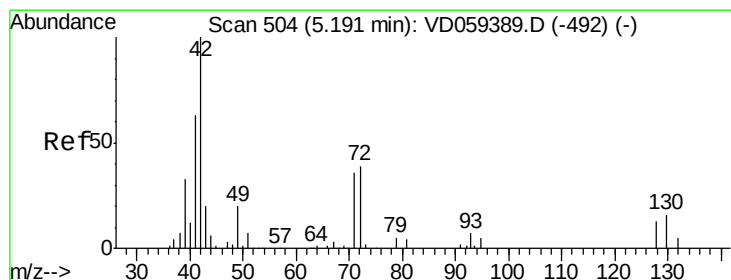
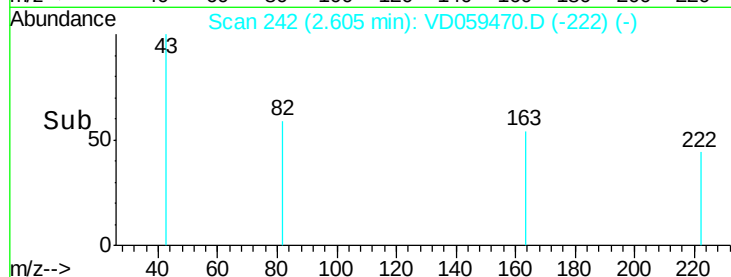
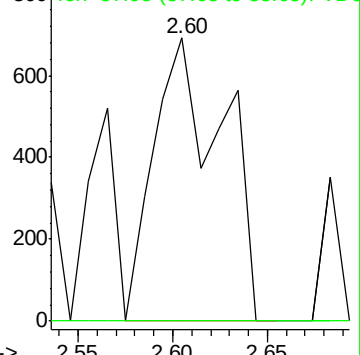
43 100

58 0.0 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#29

Tetrahydrofuran

Concen: 1.196 ug/l

RT: 5.20 min Scan# 506

Delta R.T. 0.01 min

Lab File: VD059470.D

Acq: 28 Jun 2018 18:45

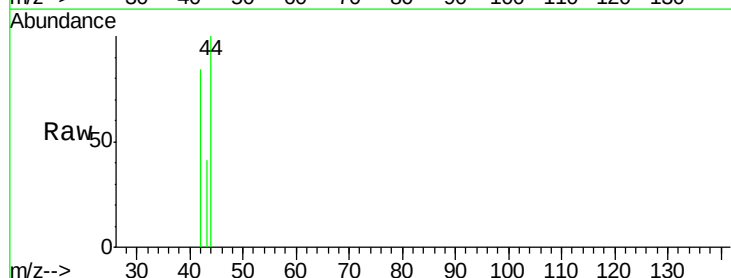
Tgt Ion: 42 Resp: 890

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.2#

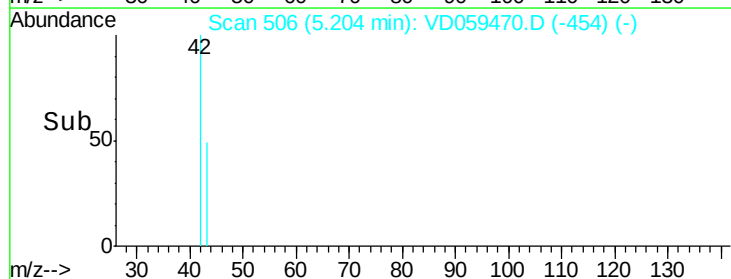
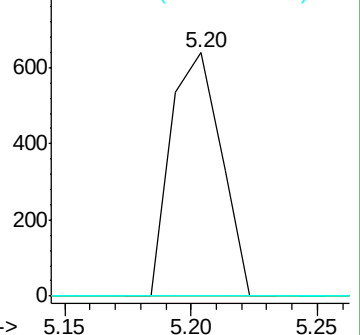
71 0.0 29.7 44.5#

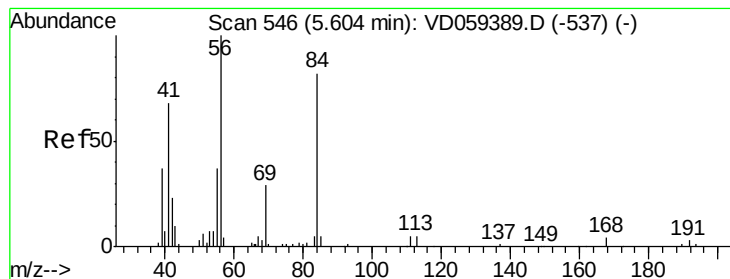


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC





#31

Cyclohexane

Concen: Below Cal

RT: 5.64 min Scan# 550

Delta R.T. 0.03 min

Lab File: VD059470.D

Acq: 28 Jun 2018 18:45

Instrument :

MSVOA_D

ClientSampled :

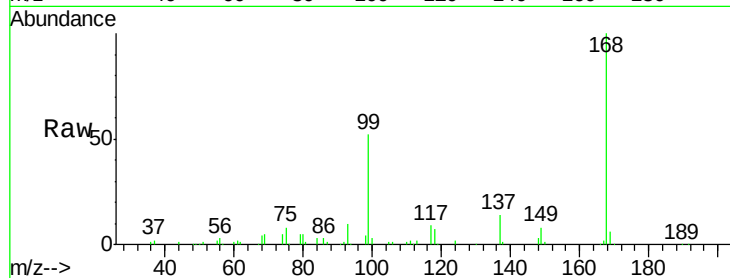
Tot Ion: 56 Resp: 10994

Ion Ratio Lower Upper

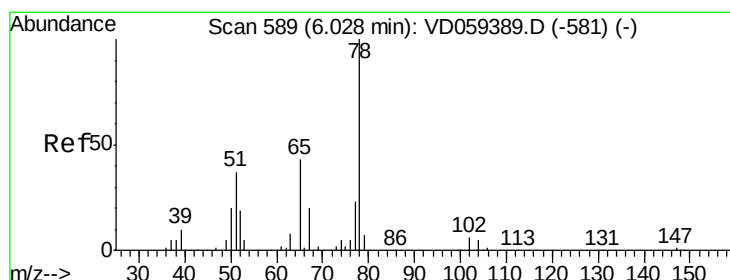
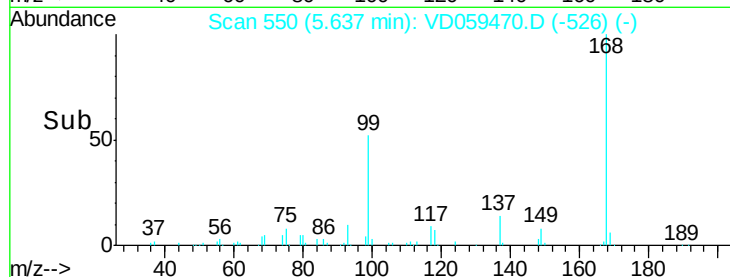
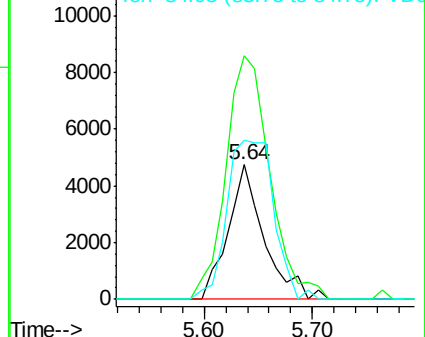
56 100

69 180.9 22.9 34.3#

84 118.7 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: N.D. ug/l

RT: 6.02 min Scan# 589

Delta R.T. -0.01 min

Lab File: VD059470.D

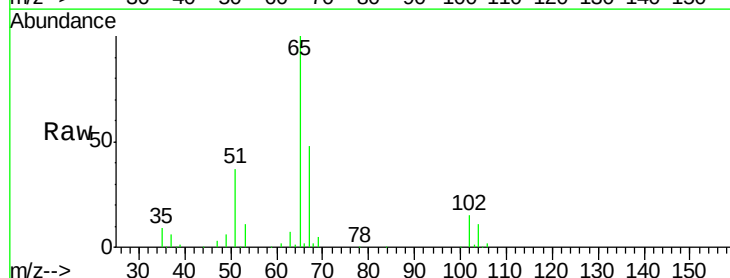
Acq: 28 Jun 2018 18:45

Tgt Ion: 65 Resp: 358242

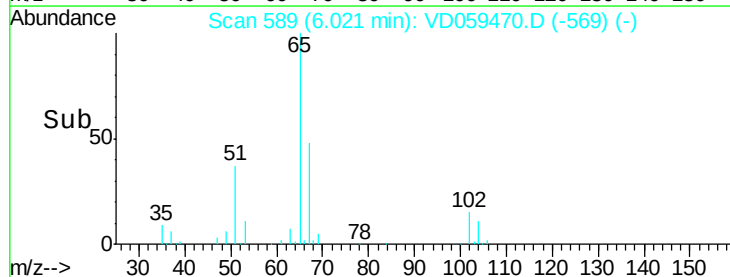
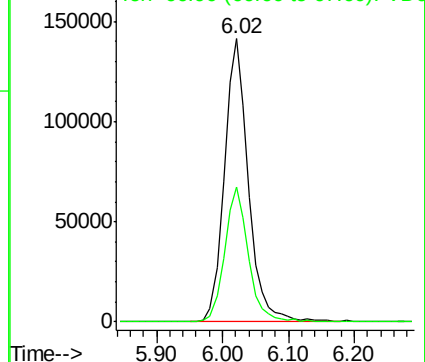
Ion Ratio Lower Upper

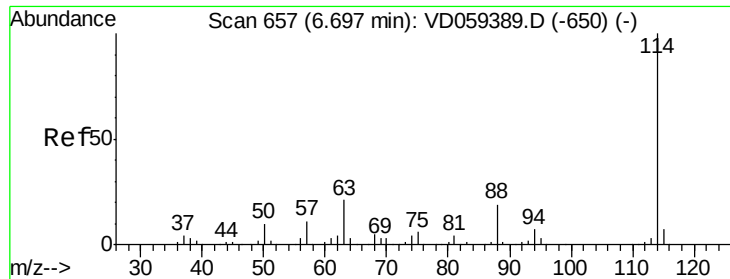
65 100

67 47.8 0.0 93.8



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

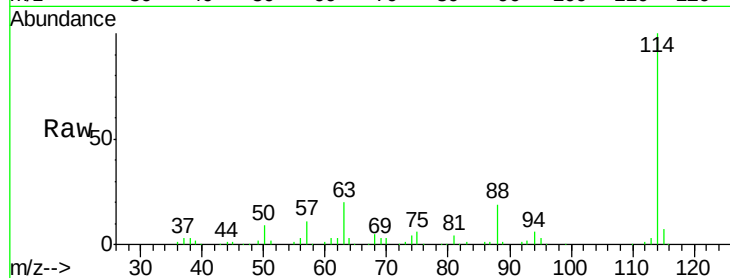




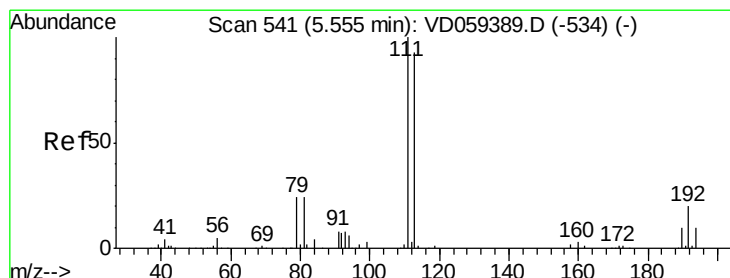
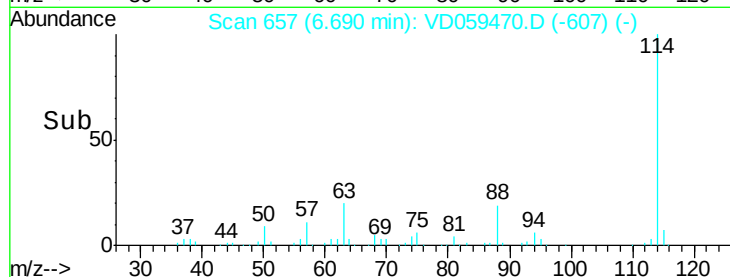
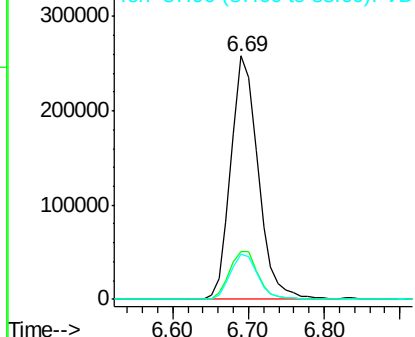
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min Scan# 657
Delta R.T. -0.01 min
Lab File: VD059470.D
Acq: 28 Jun 2018 18:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:114 Resp: 646082
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 18.8 0.0 38.0

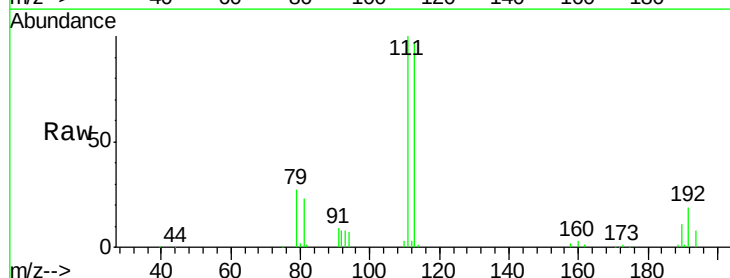


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

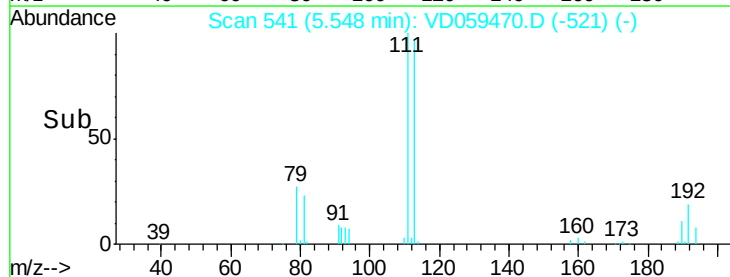
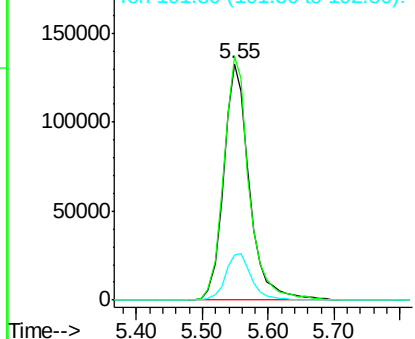


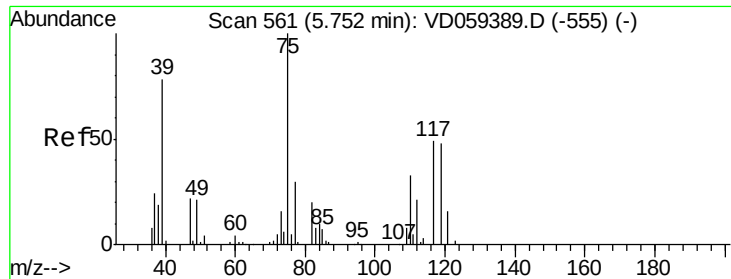
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.55 min Scan# 541
Delta R.T. -0.01 min
Lab File: VD059470.D
Acq: 28 Jun 2018 18:45

Tgt Ion:113 Resp: 361314
Ion Ratio Lower Upper
113 100
111 103.1 85.7 128.5
192 19.3 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

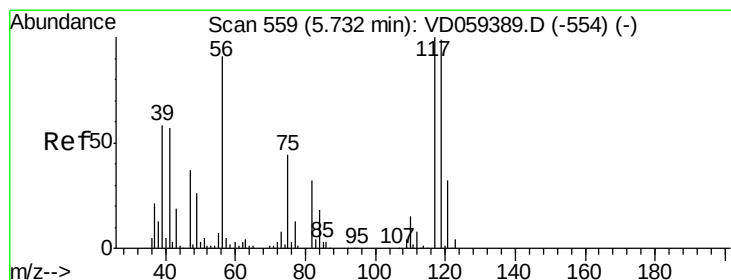
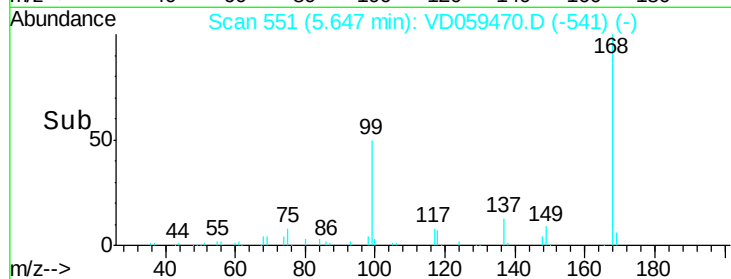
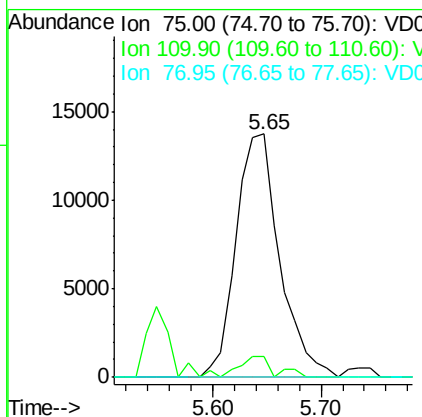
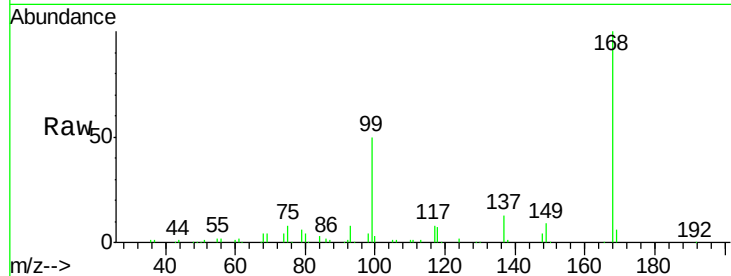




#36
 1,1-Dichloropropene
 Concen: 6.589 ug/l
 RT: 5.65 min Scan# 551
 Delta R.T. -0.11 min
 Lab File: VD059470.D
 Acq: 28 Jun 2018 18:45

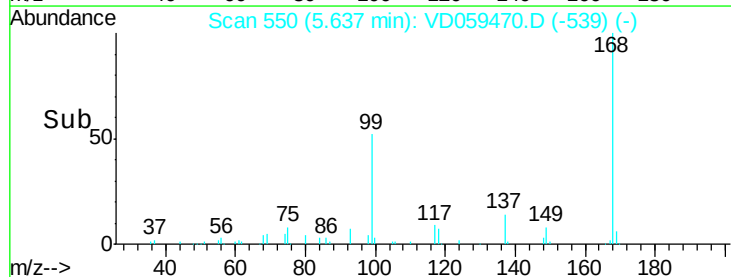
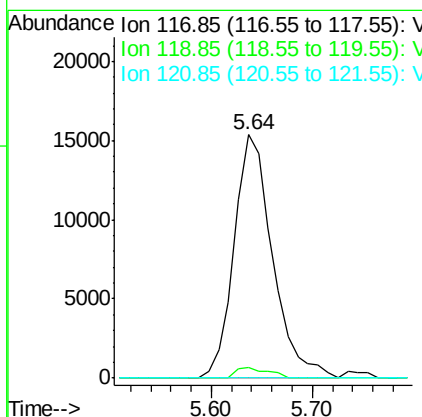
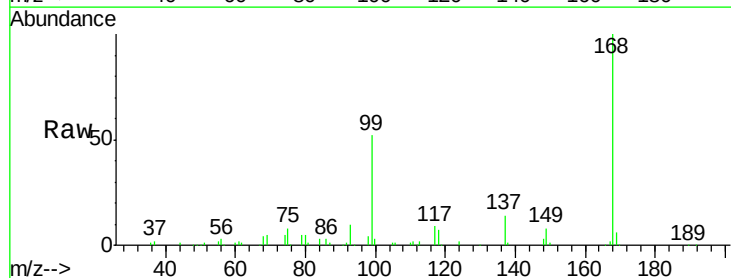
Instrument :
 MSVOA_D
 ClientSampleId :

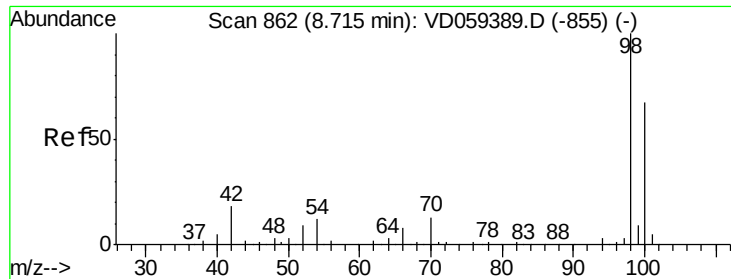
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.1	48.2#
77	0.0	23.4	35.2#



#38
 Carbon Tetrachloride
 Concen: 6.741 ug/l
 RT: 5.64 min Scan# 550
 Delta R.T. -0.10 min
 Lab File: VD059470.D
 Acq: 28 Jun 2018 18:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.6	115.0#
121	0.0	25.0	37.4#

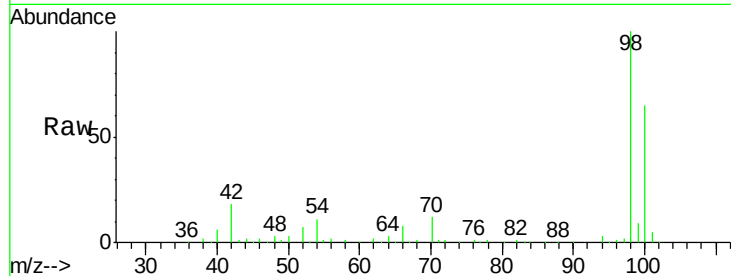




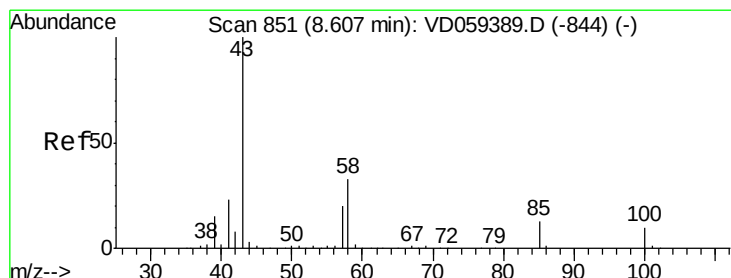
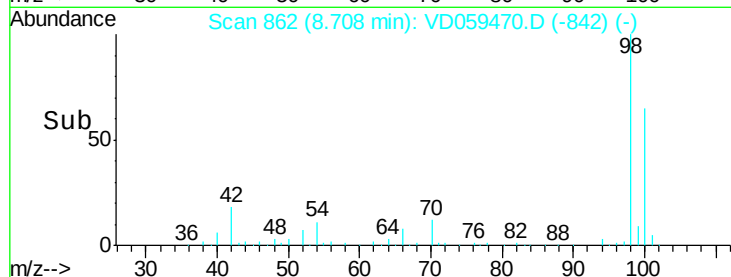
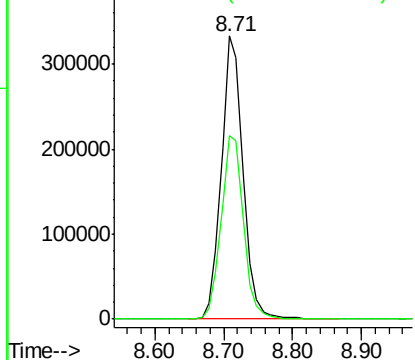
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. -0.01 min
Lab File: VD059470.D
Acq: 28 Jun 2018 18:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 724518
Ion Ratio Lower Upper
98 100
100 65.1 54.4 81.6

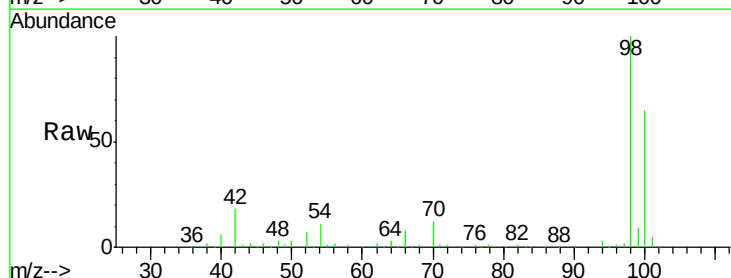


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

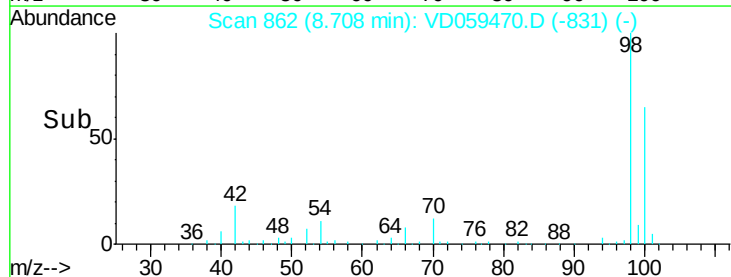
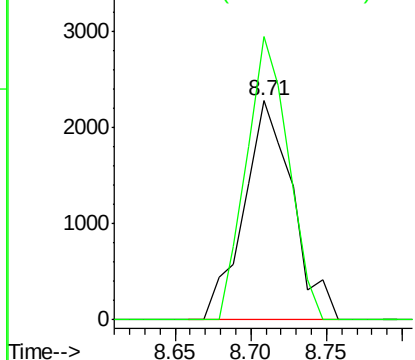


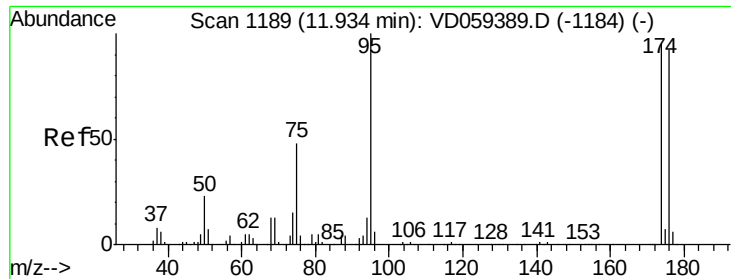
#51
4-Methyl-2-Pentanone
Concen: 1.718 ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.10 min
Lab File: VD059470.D
Acq: 28 Jun 2018 18:45

Tgt Ion: 43 Resp: 5130
Ion Ratio Lower Upper
43 100
58 129.3 26.3 39.5#



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

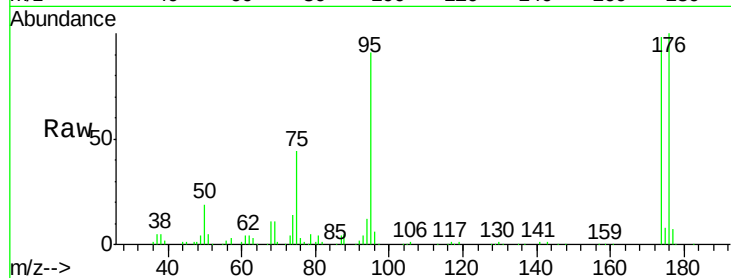




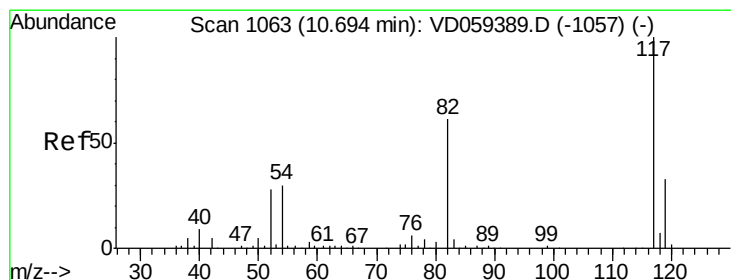
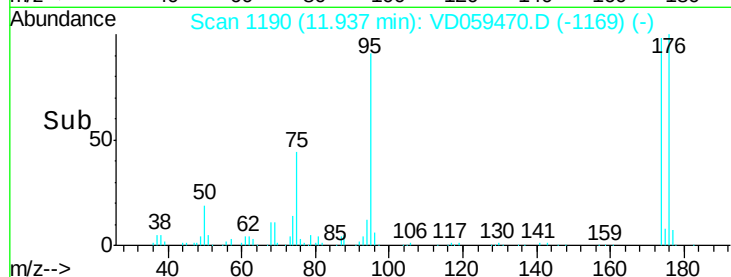
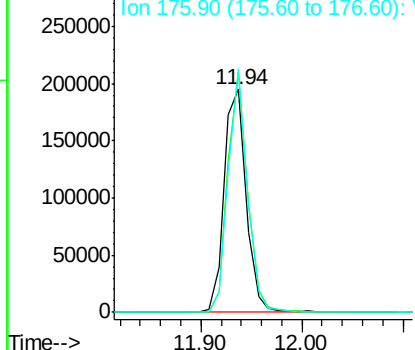
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VD059470.D
Acq: 28 Jun 2018 18:45

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 95 Resp: 296014
Ion Ratio Lower Upper
95 100
174 107.5 0.0 190.4
176 109.3 0.0 183.2

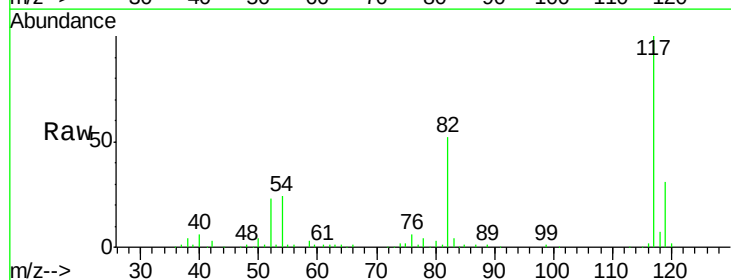


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

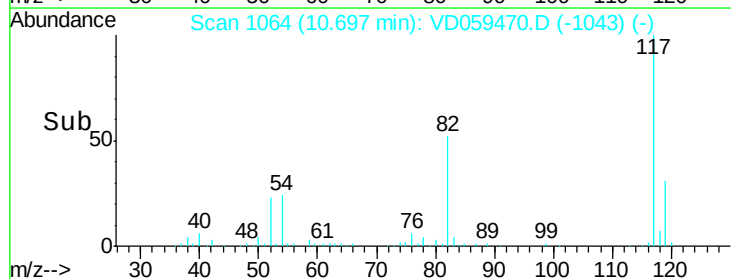
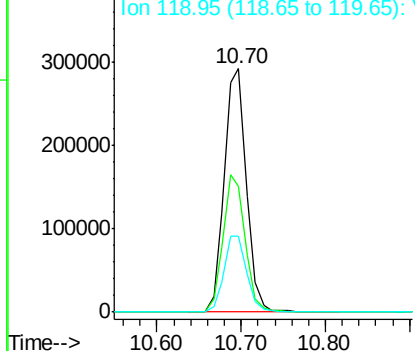


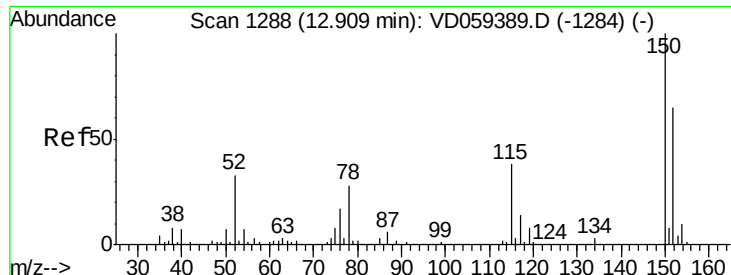
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VD059470.D
Acq: 28 Jun 2018 18:45

Tgt Ion: 117 Resp: 530651
Ion Ratio Lower Upper
117 100
82 51.9 49.0 73.6
119 31.3 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



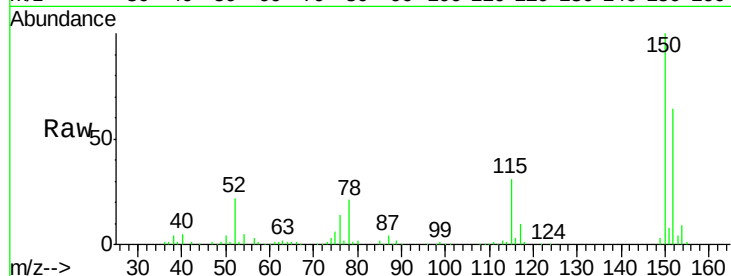


#72

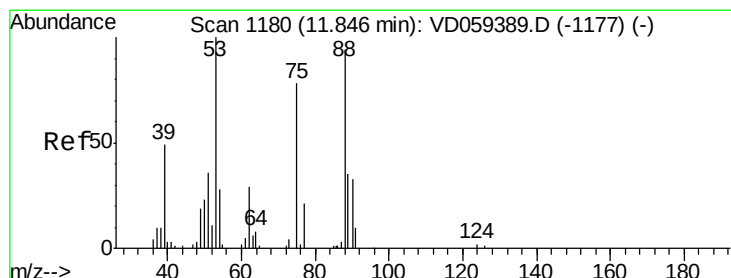
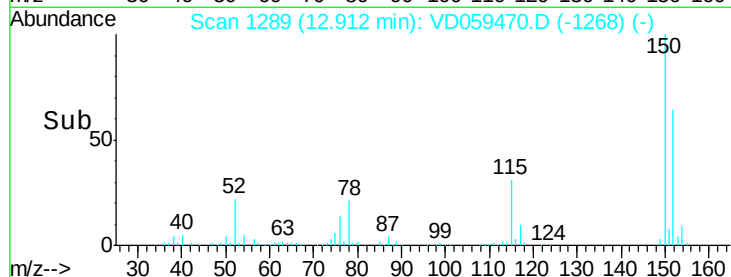
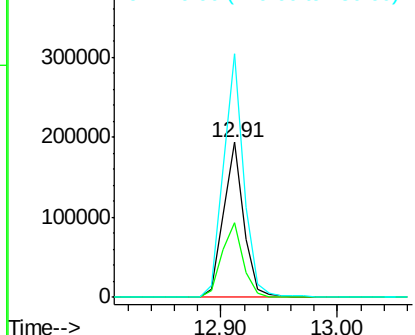
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059470.D
Acq: 28 Jun 2018 18:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 233229
Ion Ratio Lower Upper
152 100
115 48.1 29.4 88.3
150 157.1 0.0 308.2



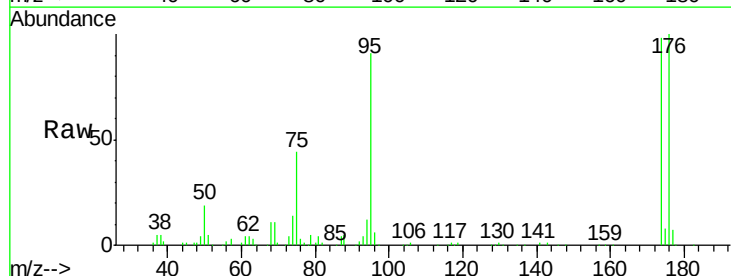
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 200.308 ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.09 min
Lab File: VD059470.D
Acq: 28 Jun 2018 18:45

Tgt Ion: 75 Resp: 146466
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

