

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059479.D
 Acq On : 28 Jun 2018 23:00
 Operator : VA/AP
 Sample : J3699-04
 Misc : 10.95g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 29 01:29:40 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

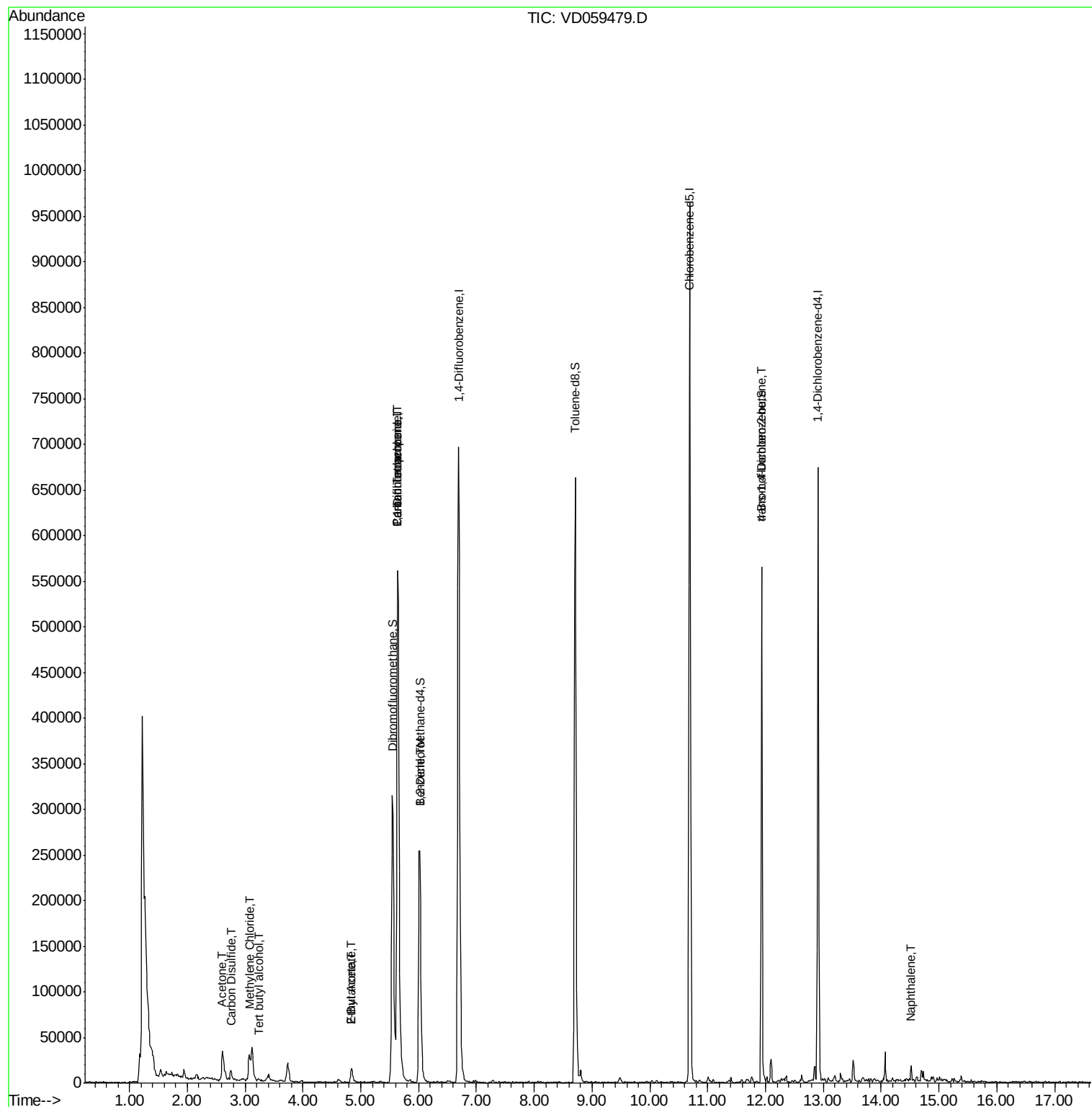
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	562193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	700856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	518752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	162580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	234998	40.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.74%	
35) Dibromofluoromethane	5.55	113	251170	44.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.00%	
50) Toluene-d8	8.71	98	480201	35.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.96%	
62) 4-Bromofluorobenzene	11.93	95	150656	27.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.28%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.25	59	199	1.001	ug/l #	72
16) Acetone	2.61	43	69859	96.277	ug/l	92
17) Carbon Disulfide	2.75	76	13677	2.411	ug/l	96
18) Methyl Acetate	2.93	43	2702	Below Cal	#	66
20) Methylene Chloride	3.07	84	13312	4.337	ug/l #	94
25) 2-Butanone	4.84	43	18409	12.111	ug/l	100
31) Cyclohexane	5.64	56	14489	Below Cal	#	1
36) 1,1-Dichloropropene	5.64	75	47312	7.442	ug/l #	50
37) Ethyl Acetate	4.84	43	18409	4.755	ug/l #	69
38) Carbon Tetrachloride	5.64	117	45997	7.017	ug/l #	16
40) Benzene	6.01	78	46451	3.045	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.93	75	71296	139.876	ug/l #	1
95) Naphthalene	14.52	128	8115	1.564	ug/l #	90

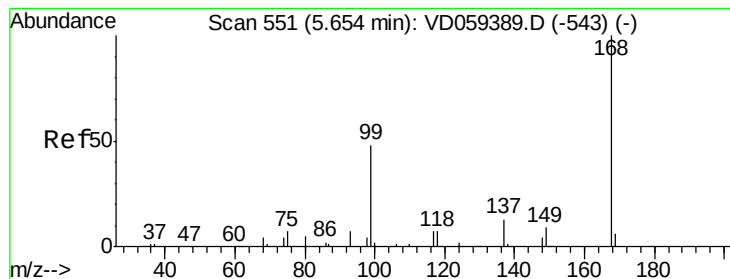
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062818\
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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: VD059479.D

Acq: 28 Jun 2018 23:00

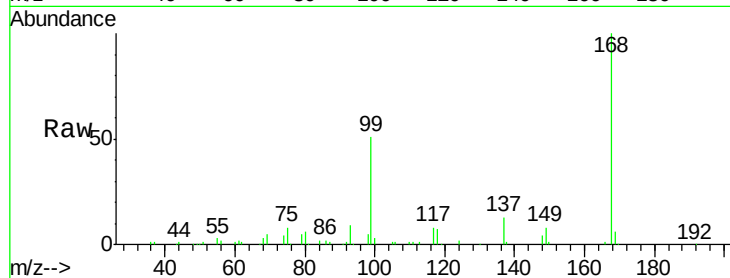
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 562193

Ion Ratio Lower Upper

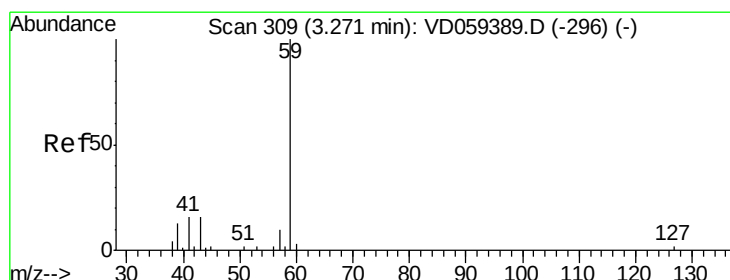
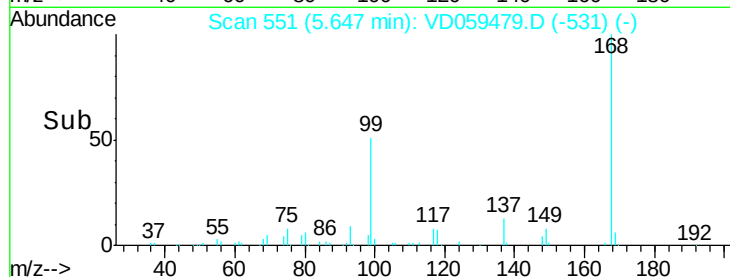
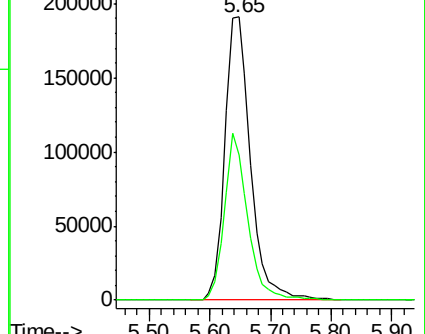
168 100

99 51.4 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 1.001 ug/l

RT: 3.25 min Scan# 307

Delta R.T. -0.03 min

Lab File: VD059479.D

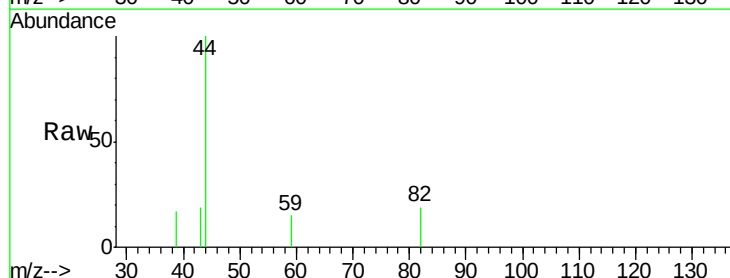
Acq: 28 Jun 2018 23:00

Tgt Ion: 59 Resp: 199

Ion Ratio Lower Upper

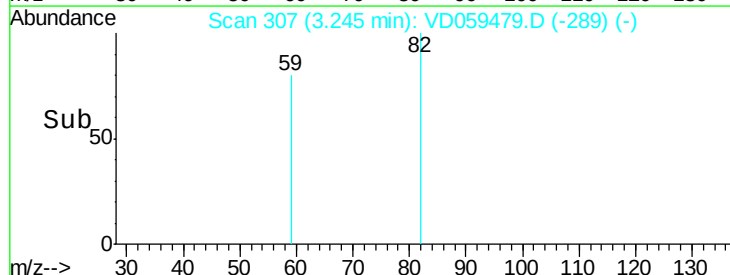
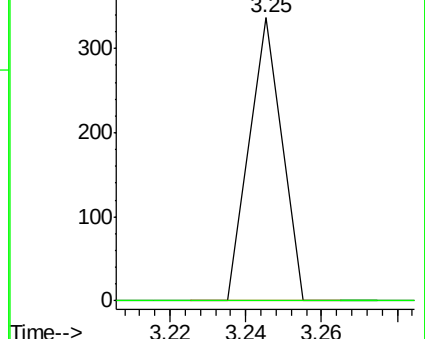
59 100

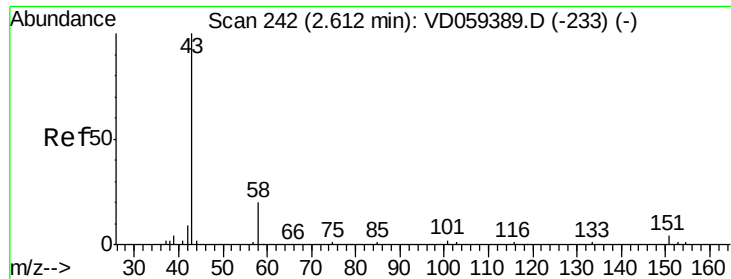
57 0.0 8.3 12.5#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 96.277 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD059479.D

Acq: 28 Jun 2018 23:00

Instrument :

MSVOA_D

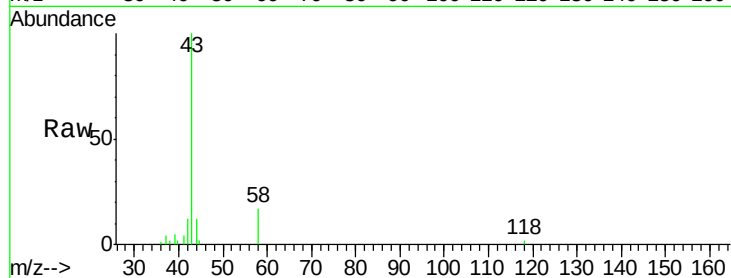
ClientSampleId :

Tot Ion: 43 Resp: 69859

Ion Ratio Lower Upper

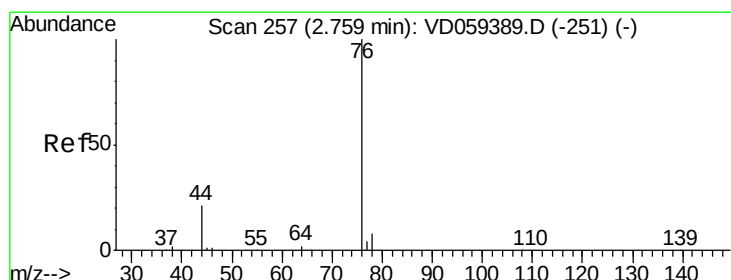
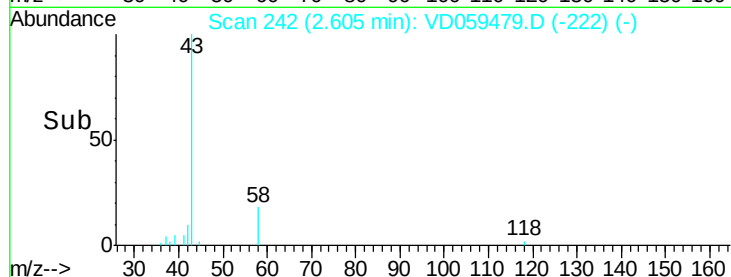
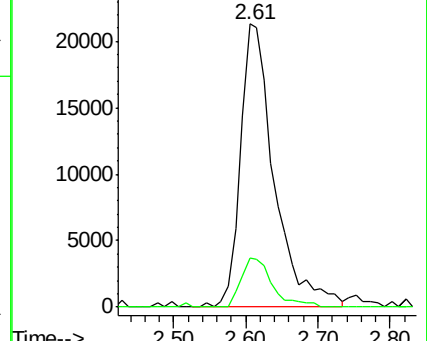
43 100

58 17.2 16.8 25.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#17

Carbon Disulfide

Concen: 2.411 ug/l

RT: 2.75 min Scan# 257

Delta R.T. -0.01 min

Lab File: VD059479.D

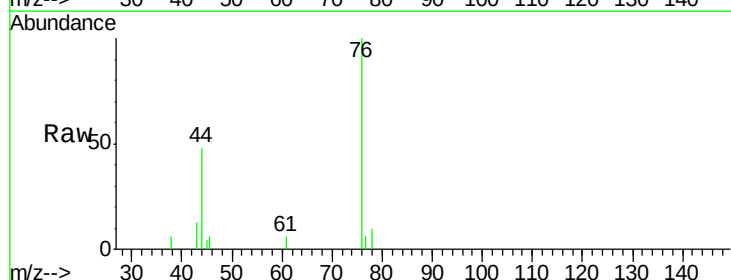
Acq: 28 Jun 2018 23:00

Tgt Ion: 76 Resp: 13677

Ion Ratio Lower Upper

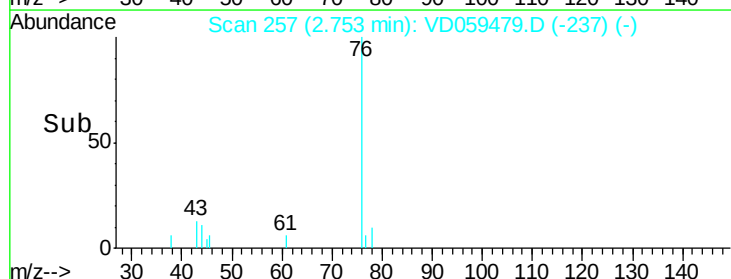
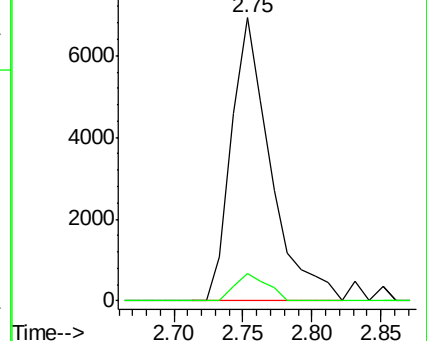
76 100

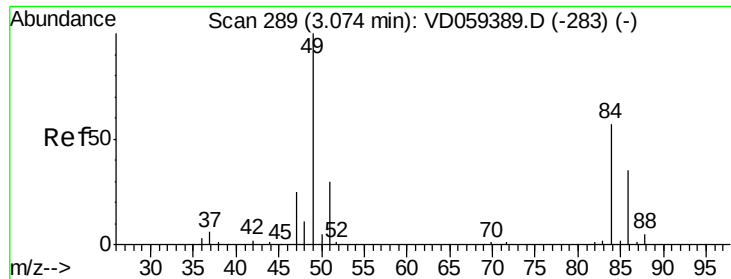
78 9.7 6.6 9.8



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC





#20

Methvlene Chloride

Concen: 4.337 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.01 min

Lab File: VD059479.D

Acq: 28 Jun 2018 23:00

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 84 Resp: 13312

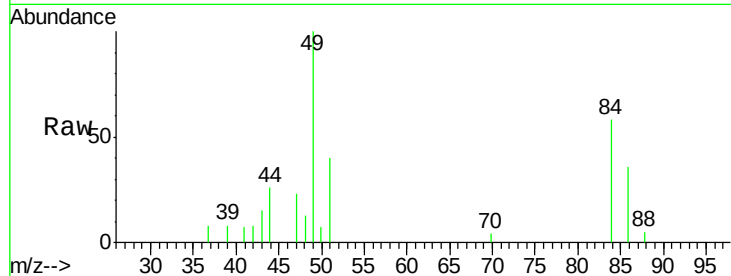
Ion Ratio Lower Upper

84 100

49 171.3 140.3 210.5

51 67.8 41.6 62.4#

86 61.1 49.4 74.2

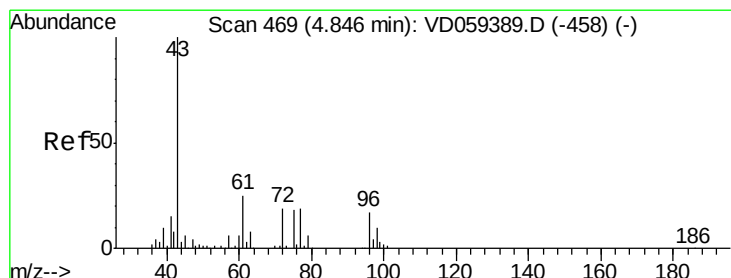
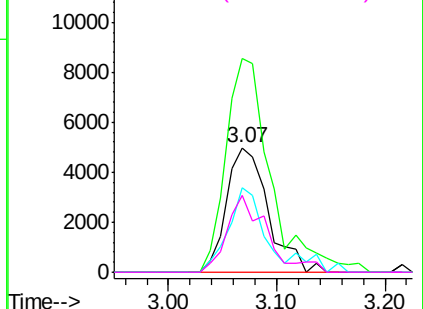
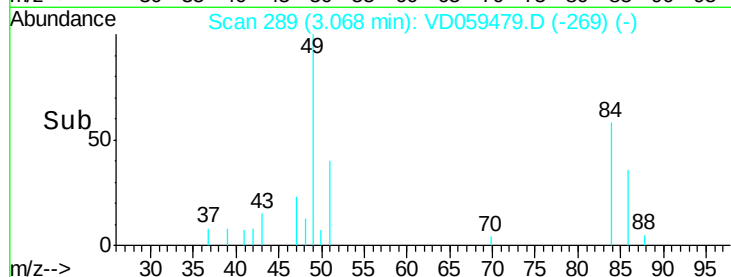


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#25

2-Butanone

Concen: 12.111 ug/l

RT: 4.84 min Scan# 469

Delta R.T. -0.01 min

Lab File: VD059479.D

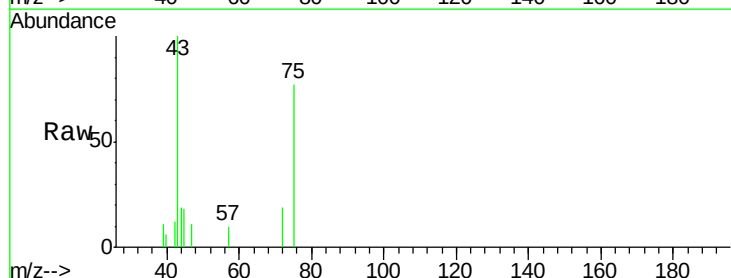
Acq: 28 Jun 2018 23:00

Tgt Ion: 43 Resp: 18409

Ion Ratio Lower Upper

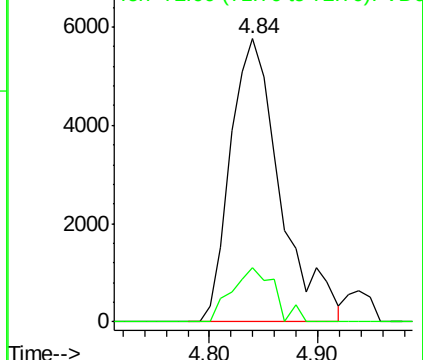
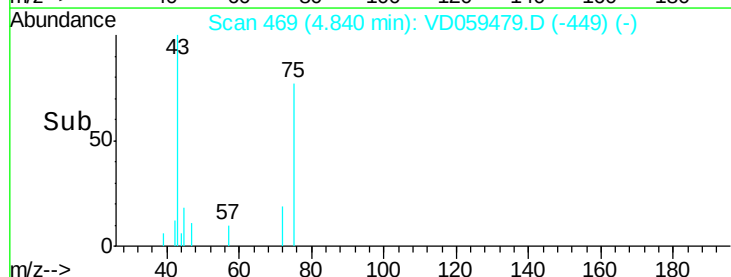
43 100

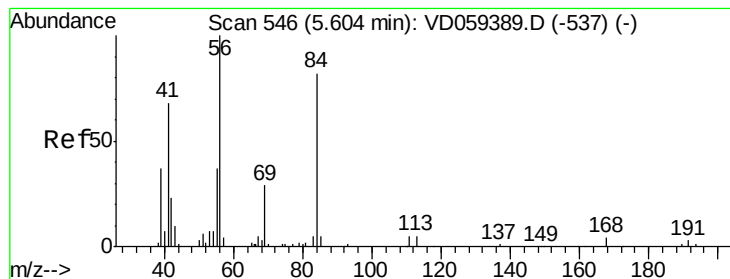
72 19.2 15.4 23.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC





#31

Cyclohexane

Concen: Below Cal

RT: 5.64 min Scan# 550

Delta R.T. 0.03 min

Lab File: VD059479.D

Acq: 28 Jun 2018 23:00

Instrument :

MSVOA_D

ClientSampleId :

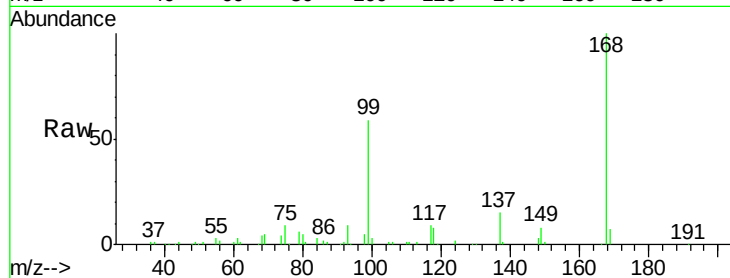
Tot Ion: 56 Resp: 14489

Ion Ratio Lower Upper

56 100

69 253.1 22.9 34.3#

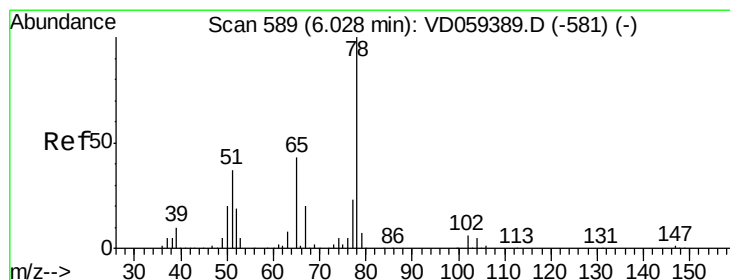
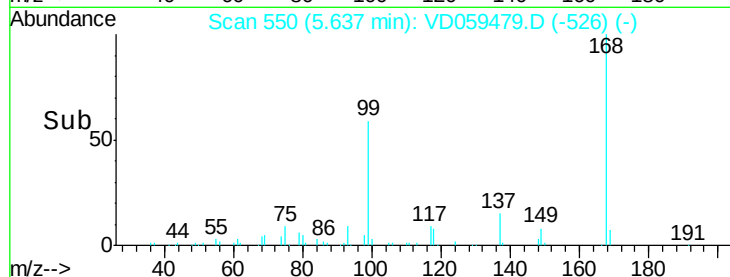
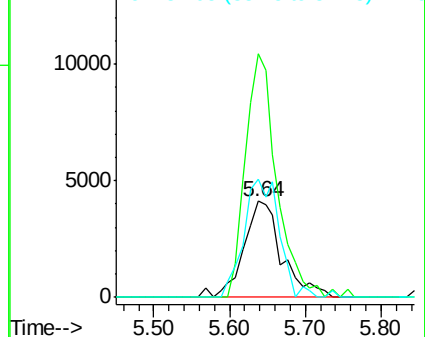
84 123.1 67.3 100.9#



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: VD059479.D

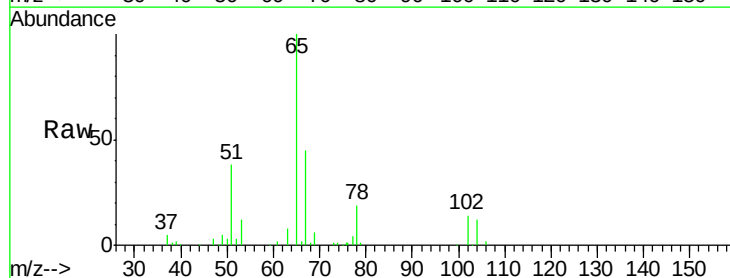
Acq: 28 Jun 2018 23:00

Tgt Ion: 65 Resp: 234998

Ion Ratio Lower Upper

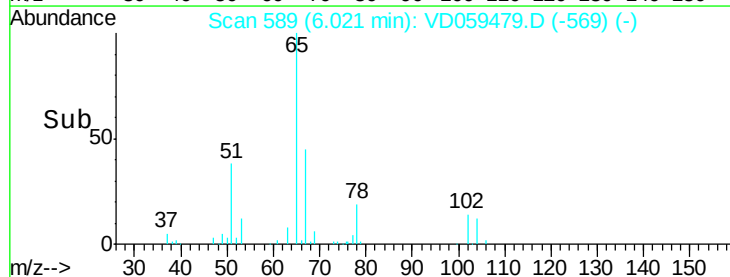
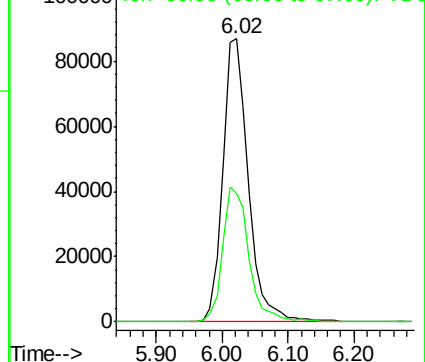
65 100

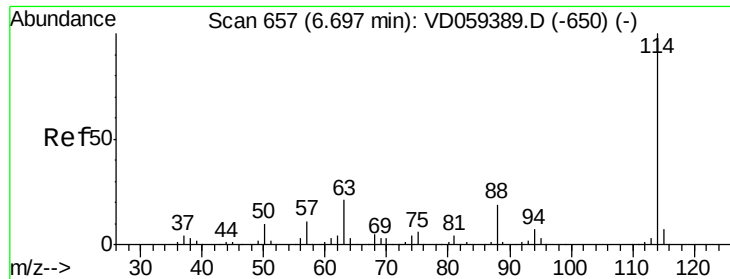
67 45.2 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

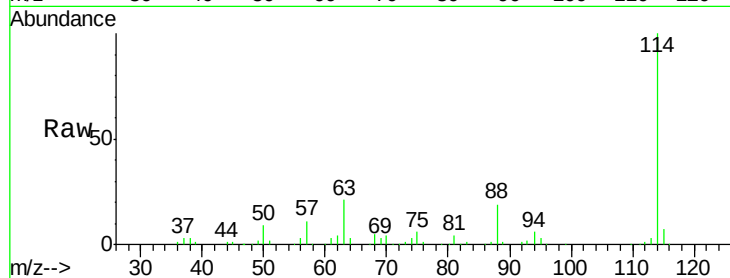




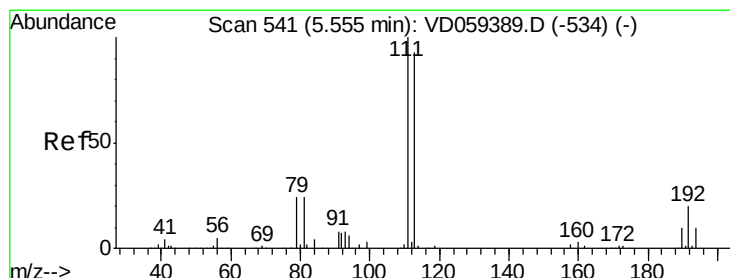
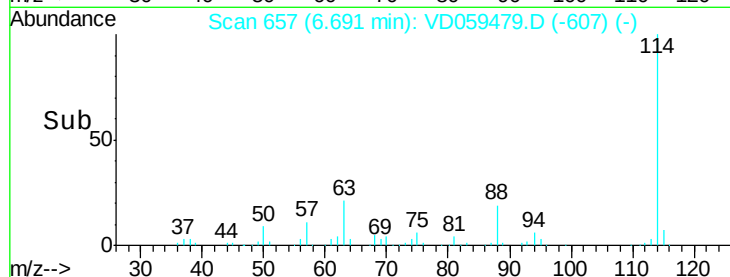
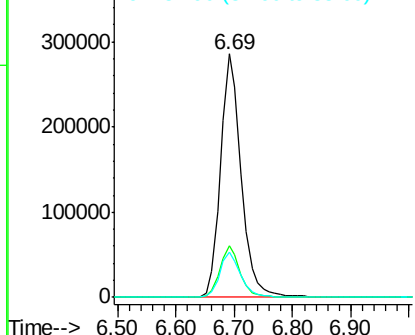
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD059479.D
 Acq: 28 Jun 2018 23:00

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 700856
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.4
 88 18.8 0.0 38.0

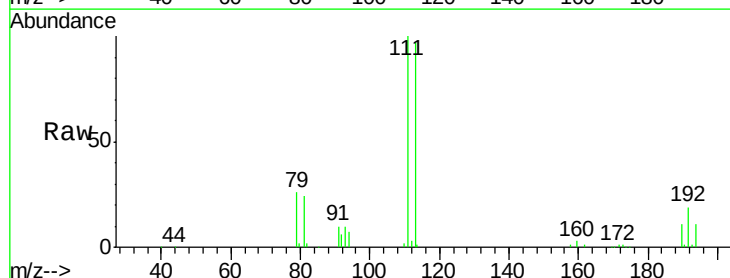


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

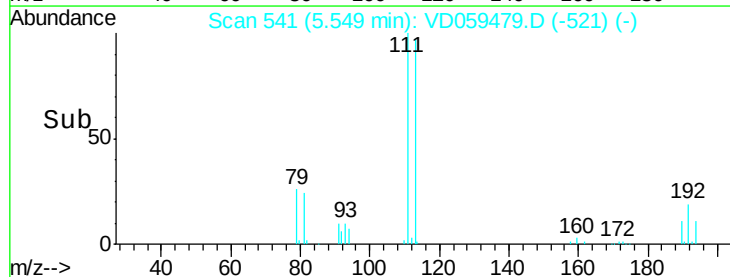
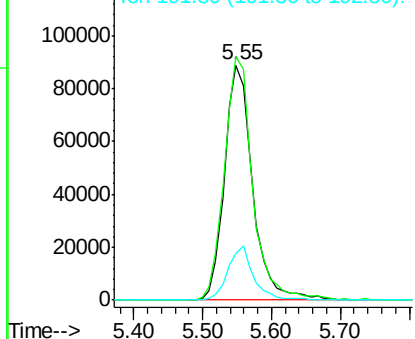


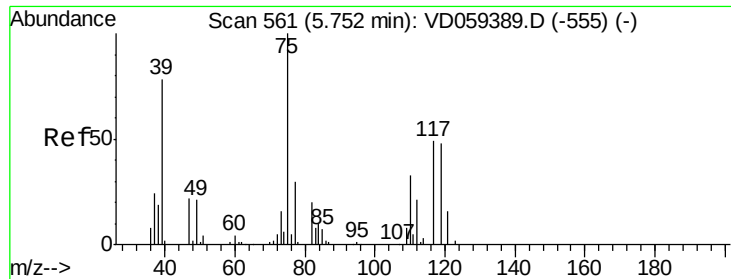
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VD059479.D
 Acq: 28 Jun 2018 23:00

Tgt Ion:113 Resp: 251170
 Ion Ratio Lower Upper
 113 100
 111 103.6 85.7 128.5
 192 19.6 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: 7.442 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.11 min

Lab File: VD059479.D

Acq: 28 Jun 2018 23:00

Instrument :

MSVOA_D

ClientSampleId :

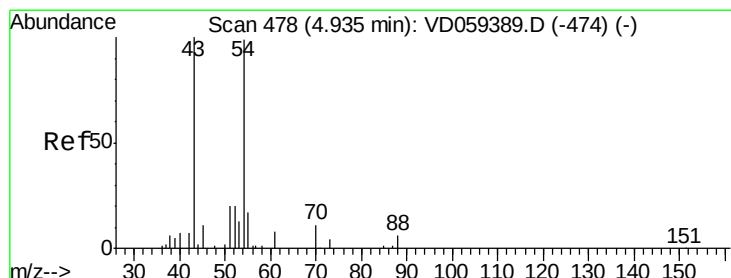
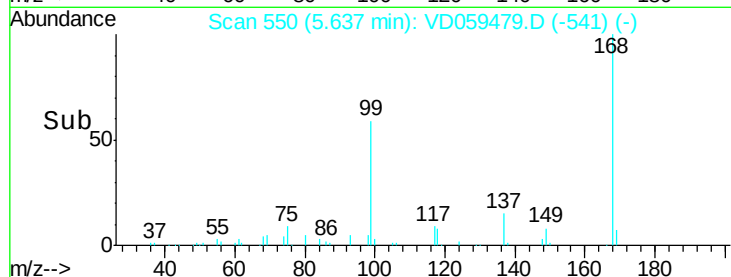
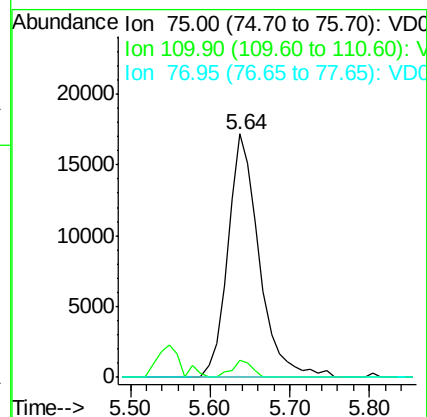
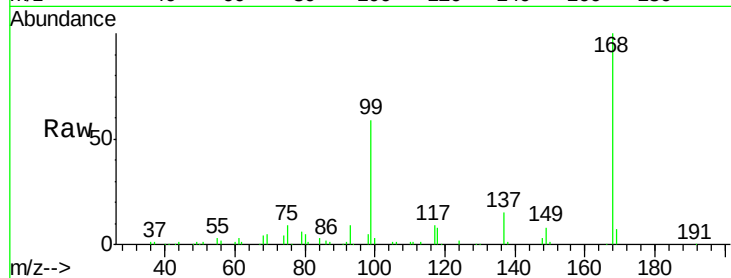
Tot Ion: 75 Resp: 47312

Ion Ratio Lower Upper

75 100

110 7.1 16.1 48.2#

77 0.0 23.4 35.2#



#37

Ethyl Acetate

Concen: 4.755 ug/l

RT: 4.84 min Scan# 469

Delta R.T. -0.10 min

Lab File: VD059479.D

Acq: 28 Jun 2018 23:00

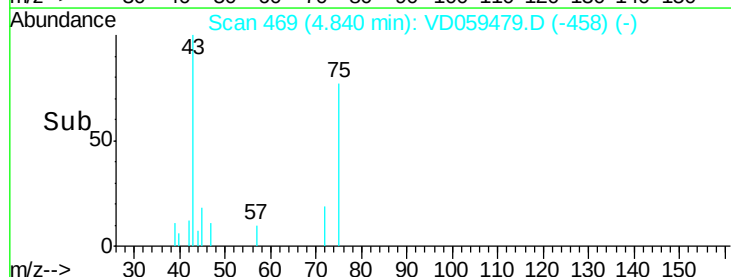
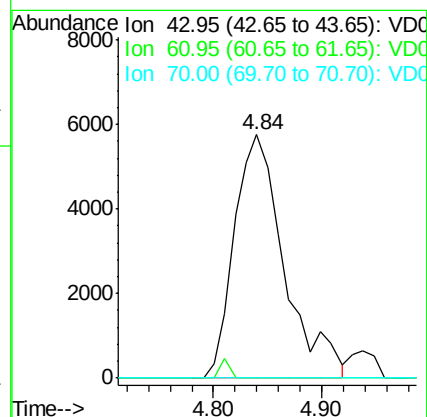
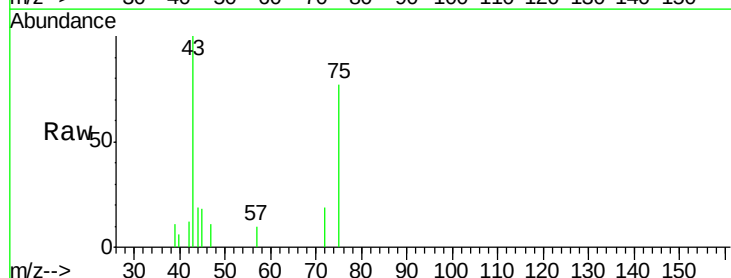
Tgt Ion: 43 Resp: 18409

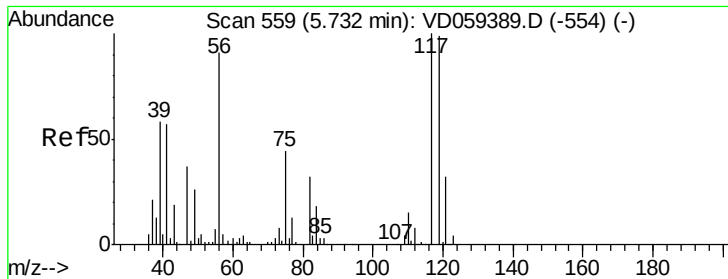
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.8#

70 0.0 6.1 9.1#





#38

Carbon Tetrachloride

Concen: 7.017 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.10 min

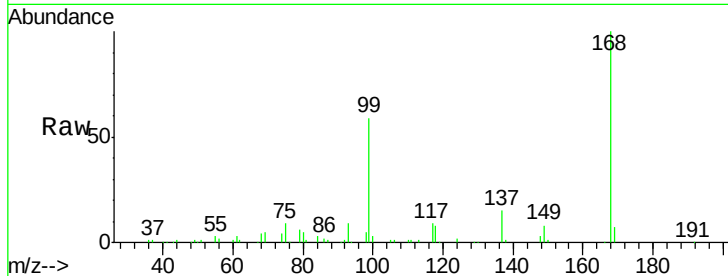
Lab File: VD059479.D

Acq: 28 Jun 2018 23:00

Instrument :

MSVOA_D

ClientSampleId :



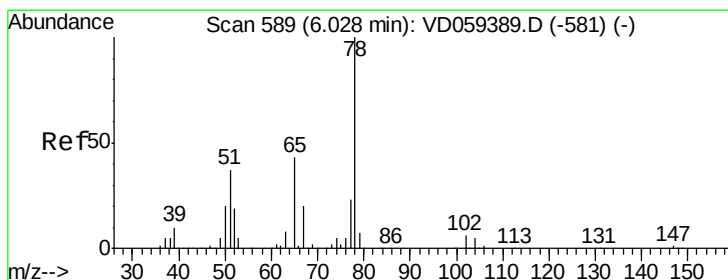
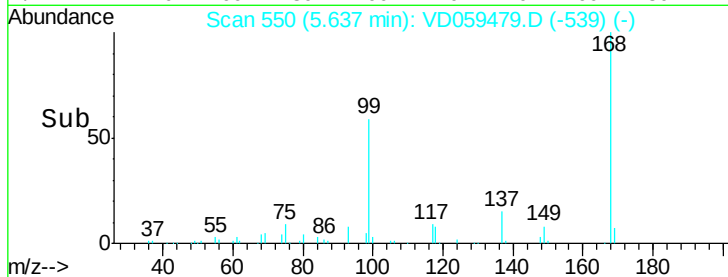
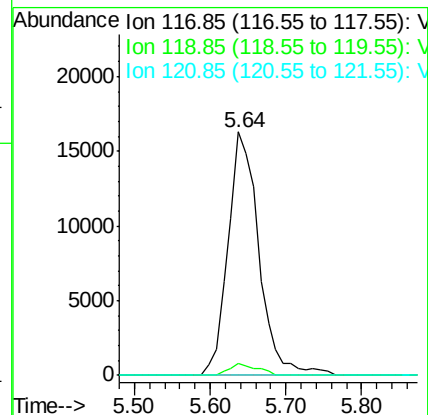
Tot Ion:117 Resp: 45997

Ion Ratio Lower Upper

117 100

119 4.9 76.6 115.0#

121 0.0 25.0 37.4#



#40

Benzene

Concen: 3.045 ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.02 min

Lab File: VD059479.D

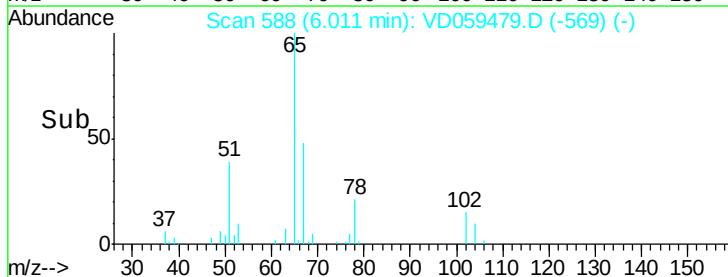
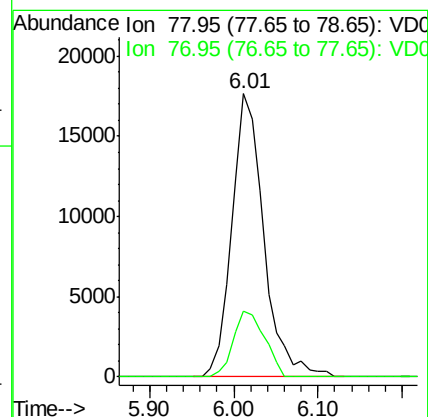
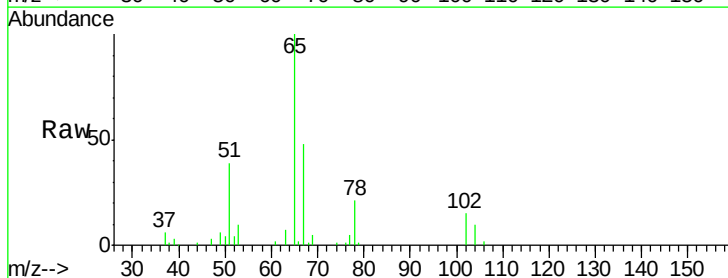
Acq: 28 Jun 2018 23:00

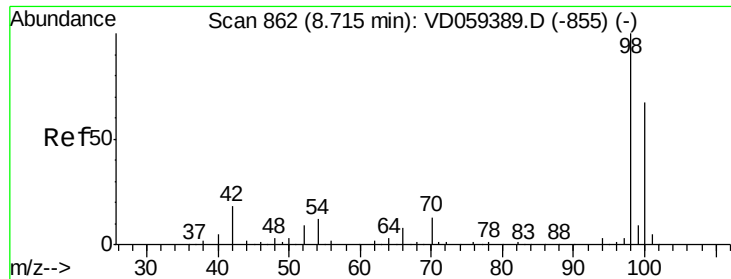
Tgt Ion: 78 Resp: 46451

Ion Ratio Lower Upper

78 100

77 23.3 18.1 27.1

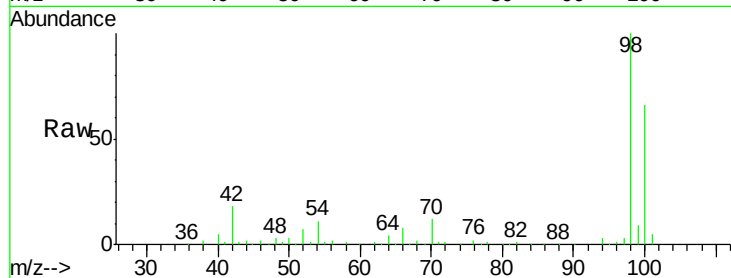




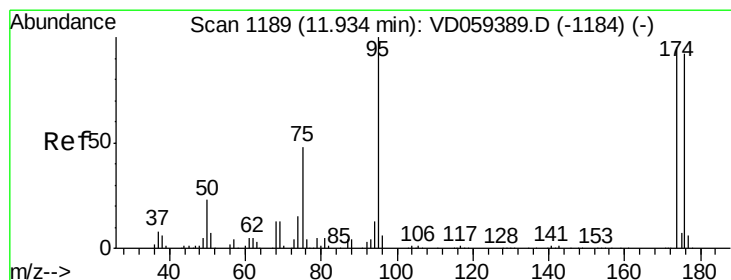
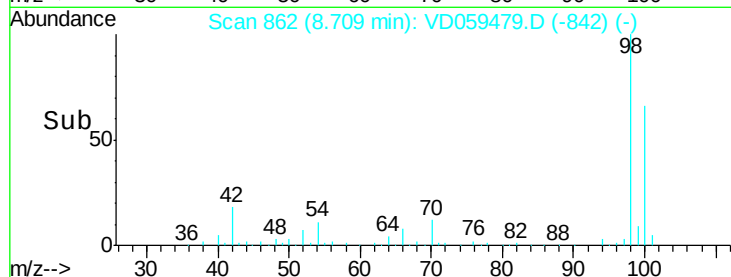
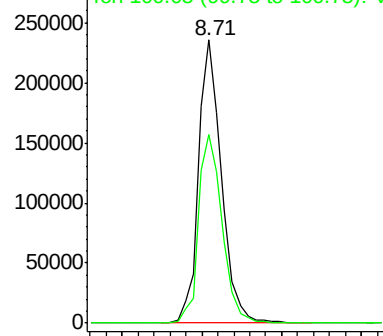
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. -0.01 min
Lab File: VD059479.D
Acq: 28 Jun 2018 23:00

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 480201
Ion Ratio Lower Upper
98 100
100 66.4 54.4 81.6

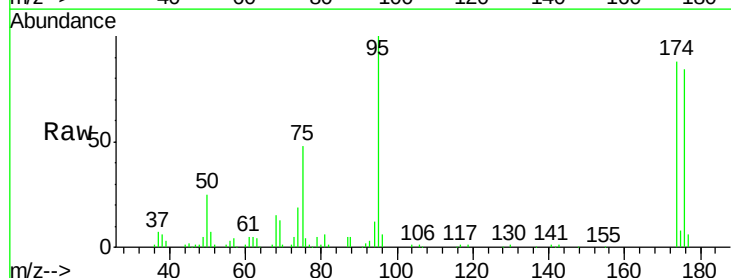


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

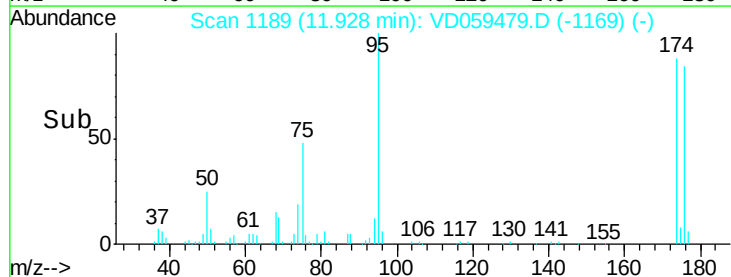
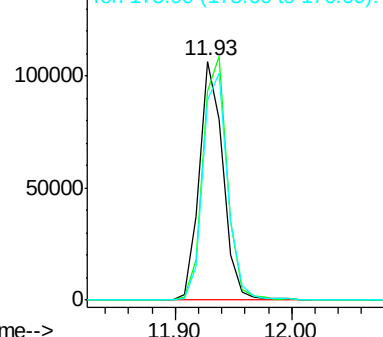


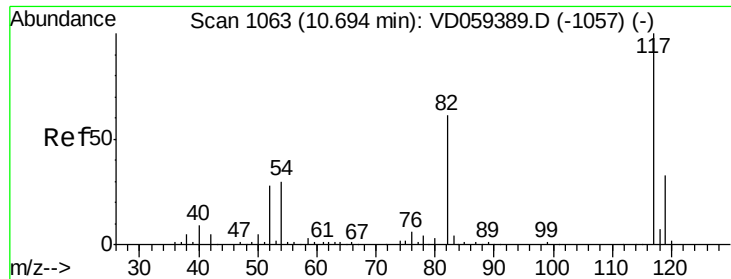
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059479.D
Acq: 28 Jun 2018 23:00

Tgt Ion: 95 Resp: 150656
Ion Ratio Lower Upper
95 100
174 87.9 0.0 190.4
176 84.0 0.0 183.2



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

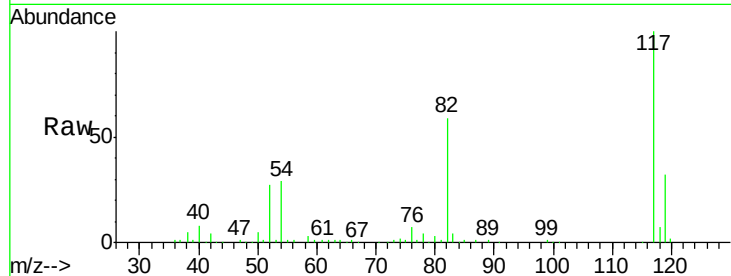




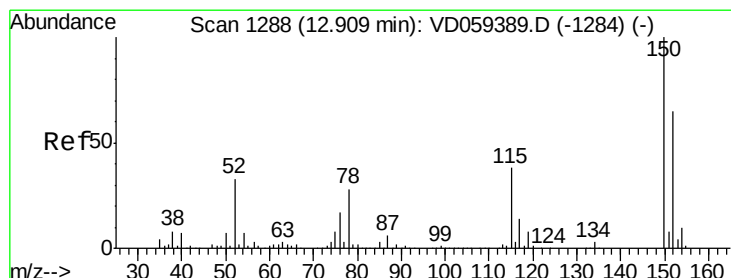
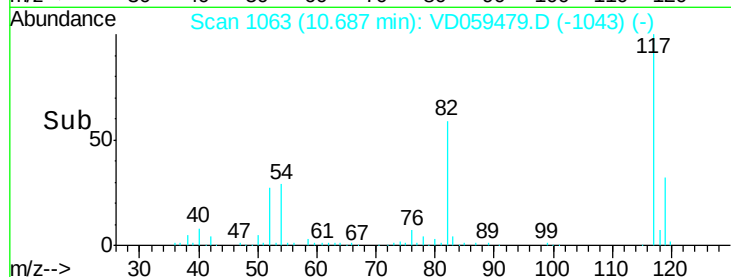
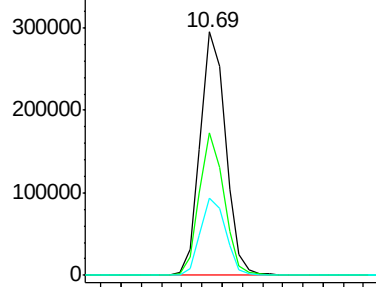
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059479.D
Acq: 28 Jun 2018 23:00

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 518752
Ion Ratio Lower Upper
117 100
82 58.7 49.0 73.6
119 31.6 26.2 39.4

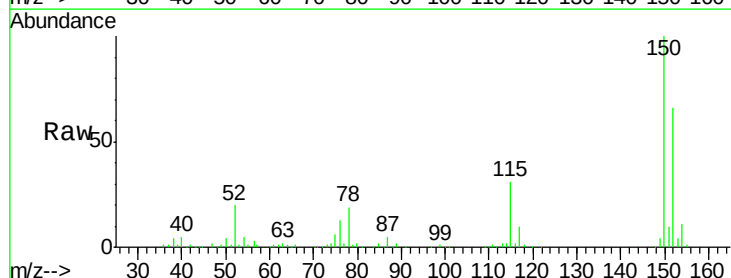


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

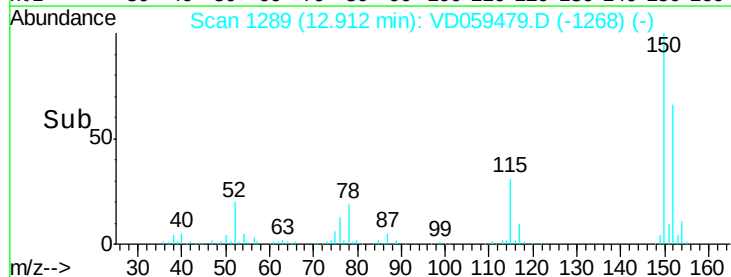
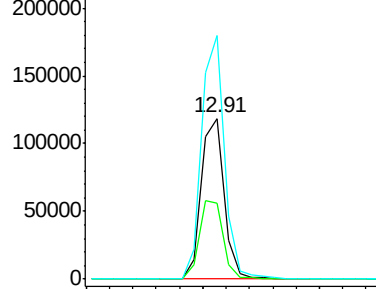


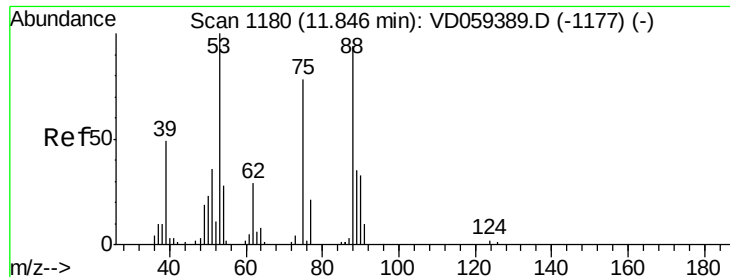
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059479.D
Acq: 28 Jun 2018 23:00

Tgt Ion:152 Resp: 162580
Ion Ratio Lower Upper
152 100
115 47.0 29.4 88.3
150 151.7 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

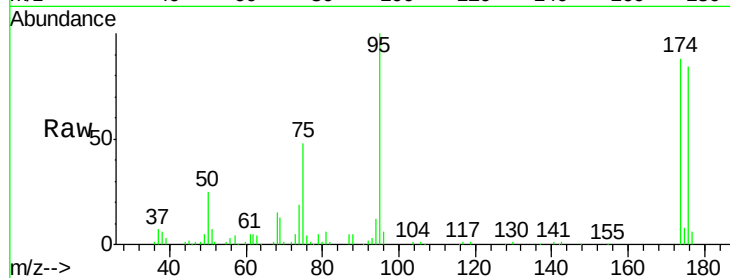




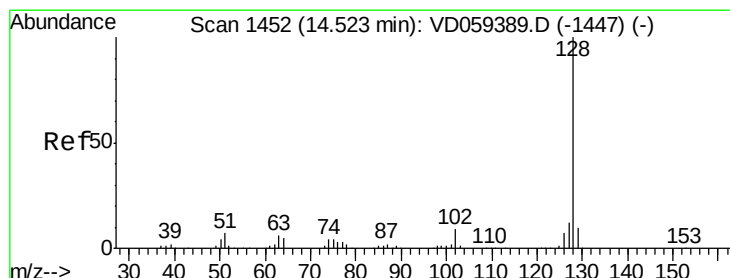
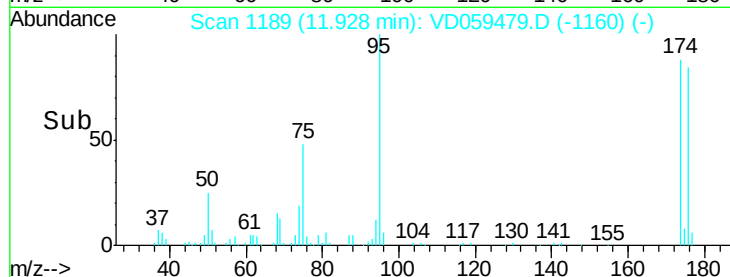
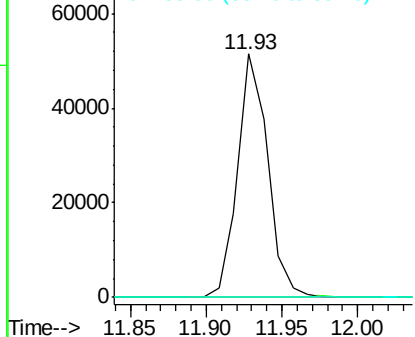
#81
trans-1,4-Dichloro-2-butene
Concen: 139.876 ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.08 min
Lab File: VD059479.D
Acq: 28 Jun 2018 23:00

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 75 Resp: 71296
Ion Ratio Lower Upper
75 100
53 0.0 102.6 154.0#
89 0.0 35.9 53.9#

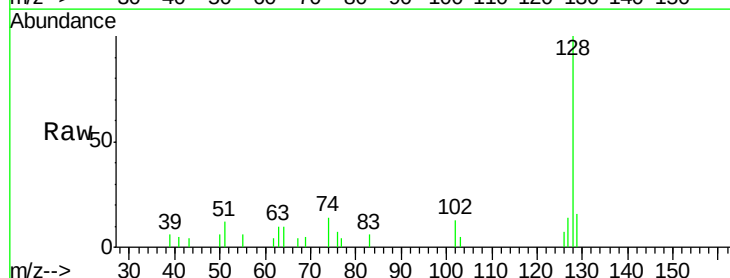


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC



#95
Naphthalene
Concen: 1.564 ug/l
RT: 14.52 min Scan# 1452
Delta R.T. -0.01 min
Lab File: VD059479.D
Acq: 28 Jun 2018 23:00

Tgt Ion:128 Resp: 8115
Ion Ratio Lower Upper
128 100
127 14.4 9.6 14.4#
129 15.8 8.2 12.2#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

