

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\
 Data File : VD059446.D
 Acq On : 27 Jun 2018 15:58
 Operator : VA/AP
 Sample : J3629-09
 Misc : 5.27g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 28 02:58:26 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	5.64	168	591457	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	808176	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	526517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	163119	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	266564	44.07	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	88.14%	
35) Dibromofluoromethane	5.54	113	271841	41.30	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	82.60%	
50) Toluene-d8	8.70	98	471371	30.63	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	61.26%	
62) 4-Bromofluorobenzene	11.93	95	147547	23.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	46.10%	

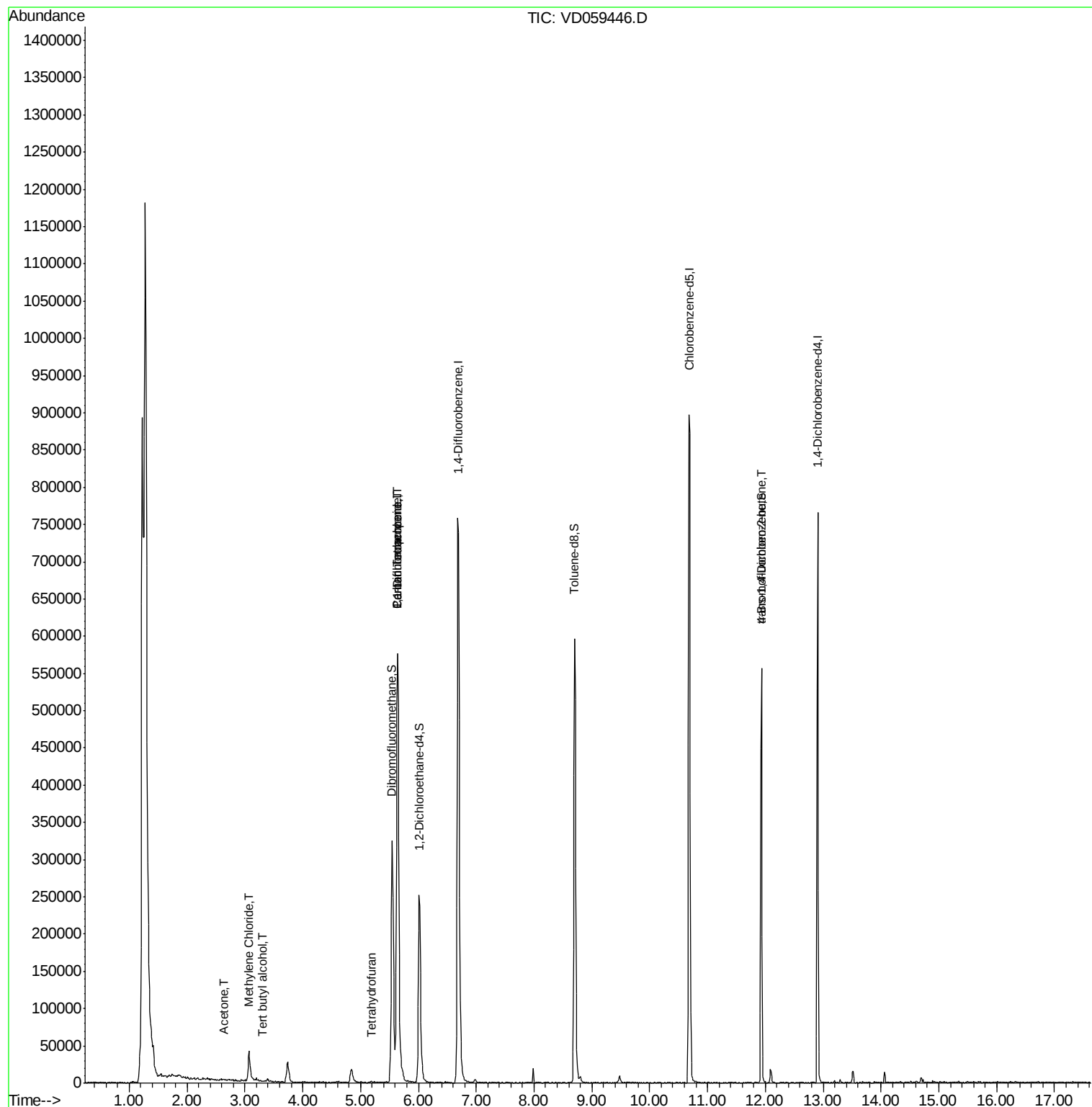
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.81	94	215	Below Cal	#	4
11) Tert butyl alcohol	3.31	59	224	1.071	ug/l #	72
16) Acetone	2.63	43	3022	3.959	ug/l #	55
18) Methyl Acetate	2.94	43	992	Below Cal	#	66
20) Methylene Chloride	3.07	84	18735	6.688	ug/l #	81
29) Tetrahydrofuran	5.18	42	1764	2.017	ug/l #	37
31) Cyclohexane	5.64	56	12937	Below Cal	#	8
36) 1,1-Dichloropropene	5.64	75	51399	7.011	ug/l #	48
38) Carbon Tetrachloride	5.64	117	48871	6.466	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.93	75	72726	142.210	ug/l #	1

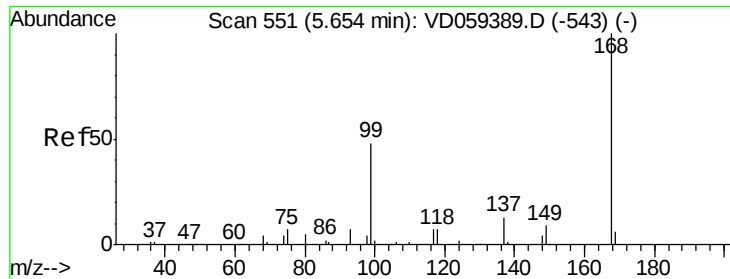
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062718\
Data File : VD059446.D
Acq On : 27 Jun 2018 15:58
Operator : VA/AP
Sample : J3629-09
Misc : 5.27g/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 28 02:58:26 2018
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

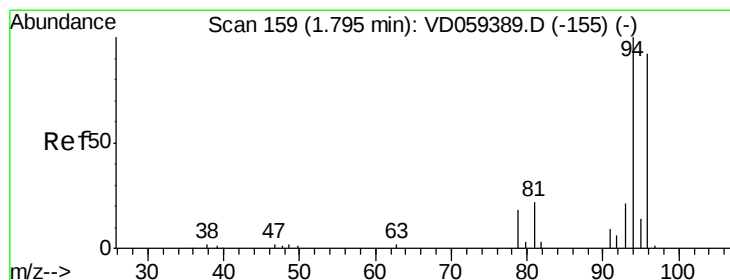
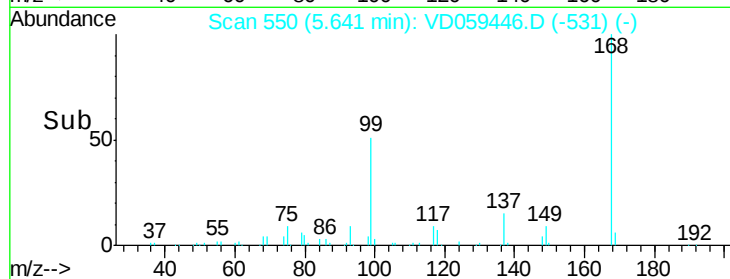
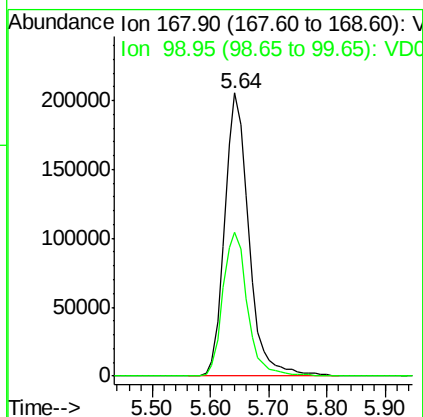
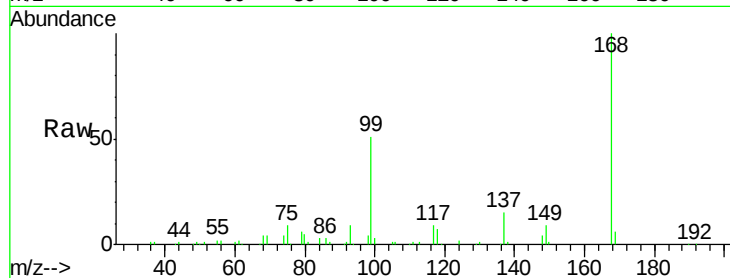




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.01 min
Lab File: VD059446.D
Acq: 27 Jun 2018 15:58

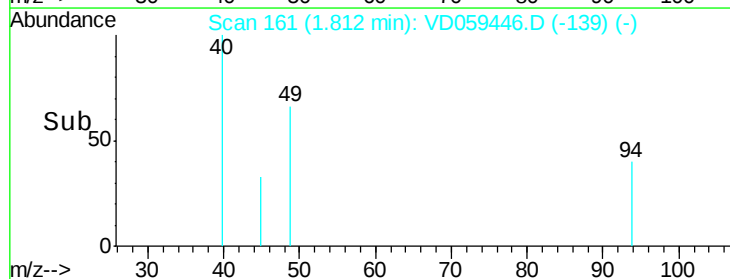
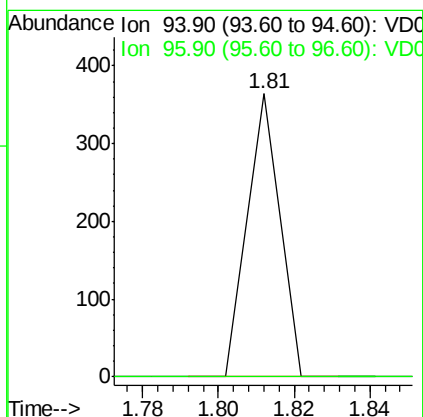
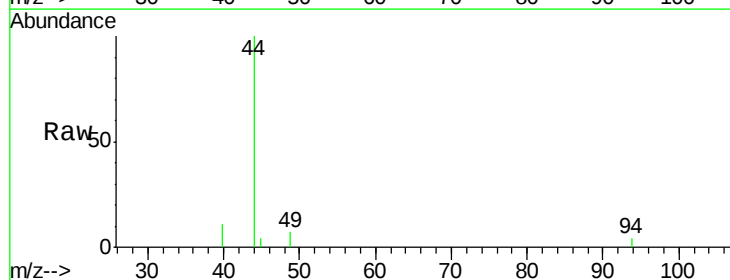
Instrument :
MSVOA_D
ClientSampleId :

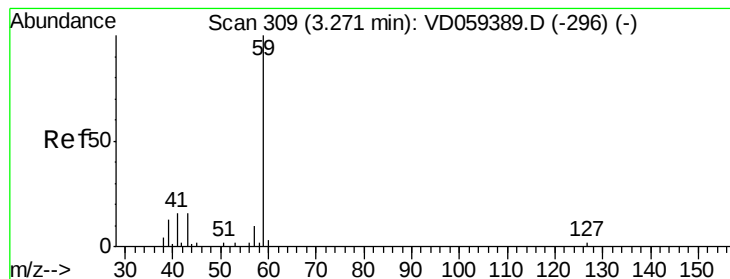
Tot Ion:168 Resp: 591457
Ion Ratio Lower Upper
168 100
99 51.0 41.0 61.6



#5
Bromomethane
Concen: Below Cal
RT: 1.81 min Scan# 161
Delta R.T. 0.02 min
Lab File: VD059446.D
Acq: 27 Jun 2018 15:58

Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 0.0 73.4 110.0#



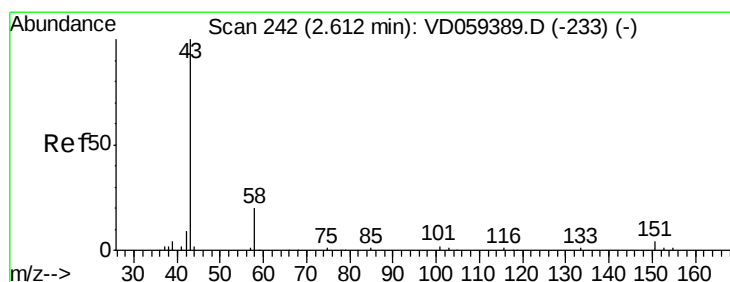
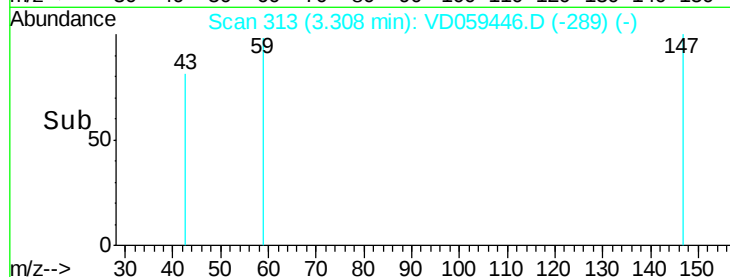
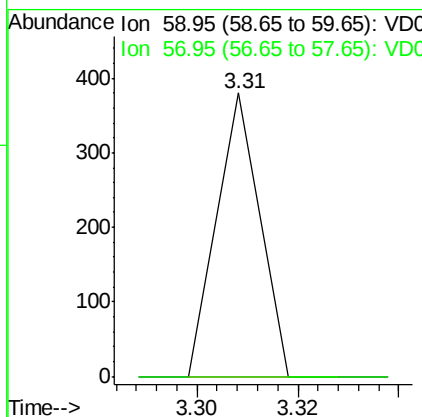
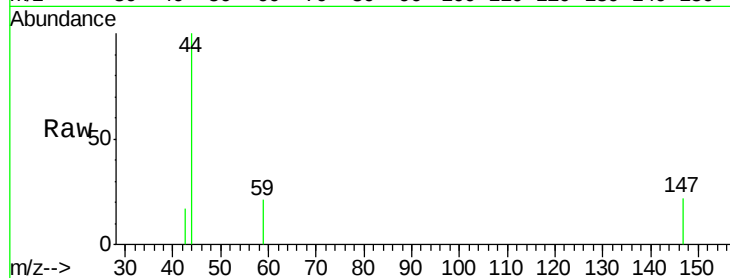


#11

Tert butyl alcohol
 Concen: 1.071 ug/l
 RT: 3.31 min Scan# 313
 Delta R.T. 0.04 min
 Lab File: VD059446.D
 Acq: 27 Jun 2018 15:58

Instrument :
 MSVOA_D
 ClientSampleId :

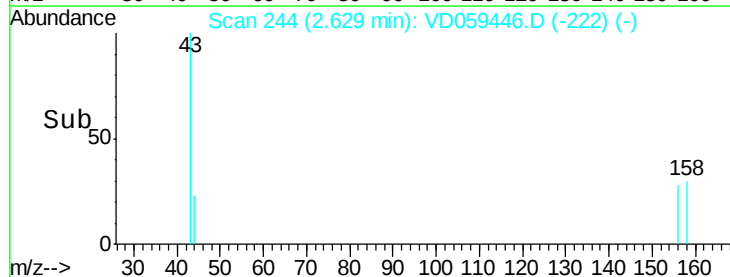
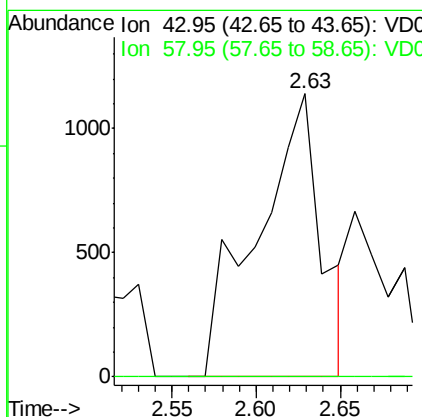
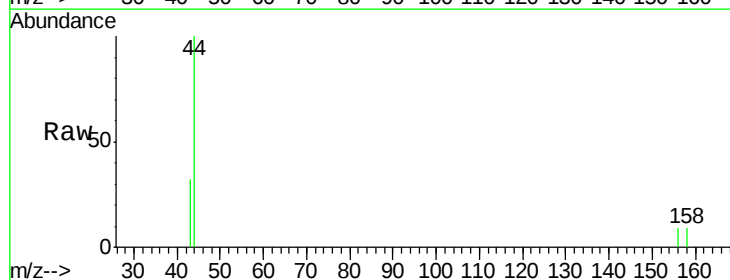
Tot Ion: 59 Resp: 224
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

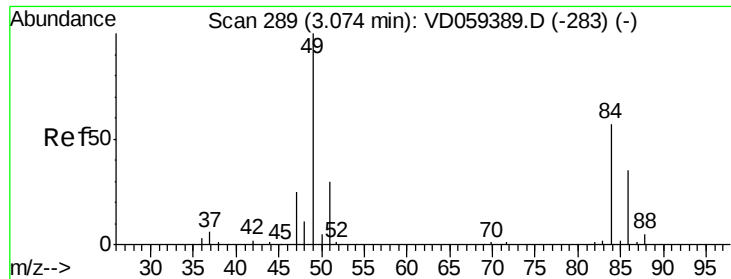


#16

Acetone
 Concen: 3.959 ug/l
 RT: 2.63 min Scan# 244
 Delta R.T. 0.02 min
 Lab File: VD059446.D
 Acq: 27 Jun 2018 15:58

Tgt Ion: 43 Resp: 3022
 Ion Ratio Lower Upper
 43 100
 58 0.0 16.8 25.2#

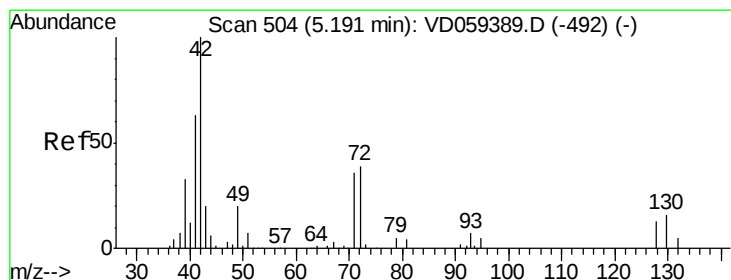
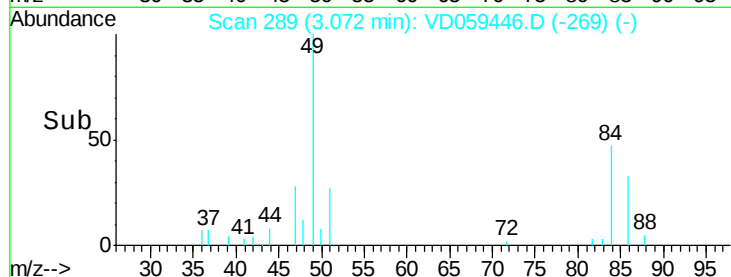
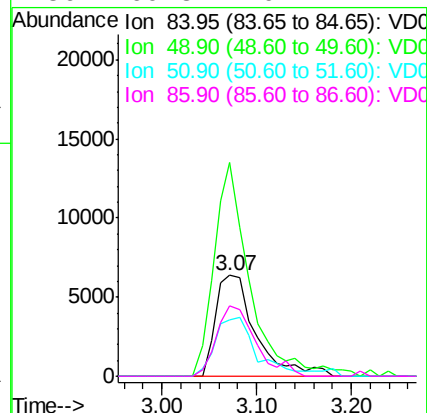
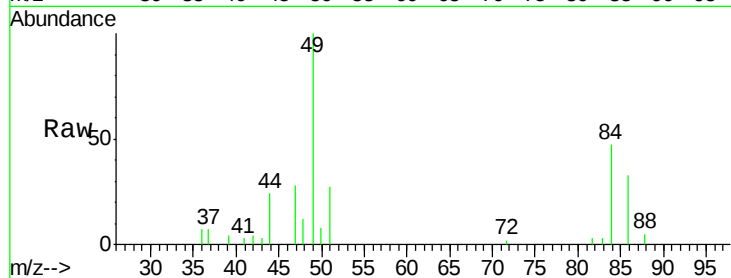




#20
Methvlene Chloride
Concen: 6.688 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.00 min
Lab File: VD059446.D
Acq: 27 Jun 2018 15:58

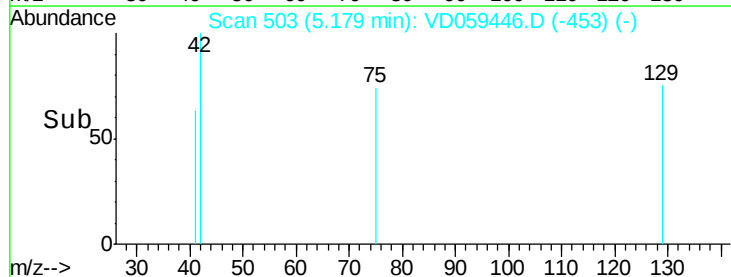
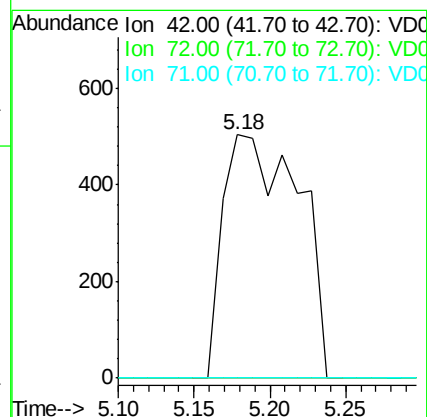
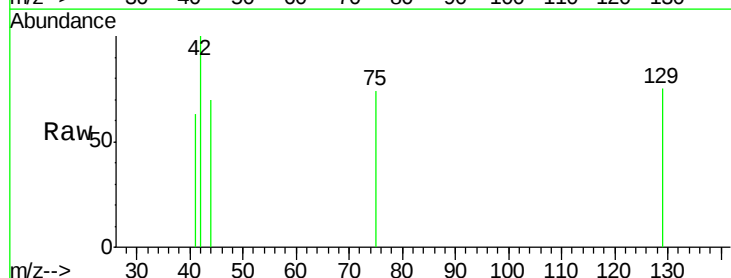
Instrument :
MSVOA_D
ClientSampleId :

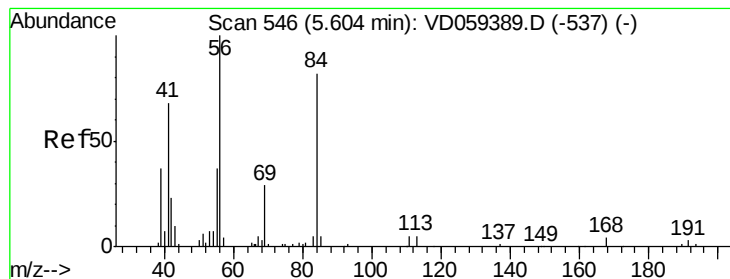
Tot Ion: 84 Resp: 18735
Ion Ratio Lower Upper
84 100
49 211.4 140.3 210.5#
51 56.0 41.6 62.4
86 69.3 49.4 74.2



#29
Tetrahydrofuran
Concen: 2.017 ug/l
RT: 5.18 min Scan# 503
Delta R.T. -0.01 min
Lab File: VD059446.D
Acq: 27 Jun 2018 15:58

Tgt Ion: 42 Resp: 1764
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.2#
71 0.0 29.7 44.5#





#31

Cyclohexane

Concen: Below Cal

RT: 5.64 min Scan# 550

Delta R.T. 0.04 min

Lab File: VD059446.D

Acq: 27 Jun 2018 15:58

Instrument :

MSVOA_D

ClientSampleId :

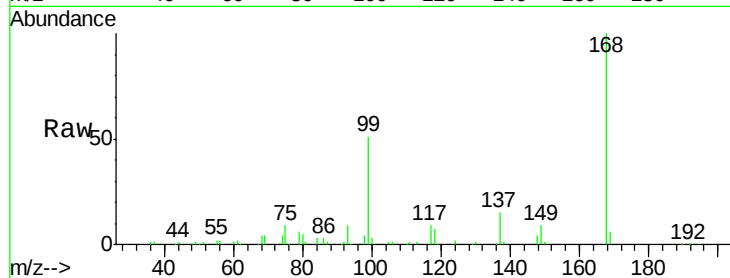
Tot Ion: 56 Resp: 12937

Ion Ratio Lower Upper

56 100

69 178.5 22.9 34.3#

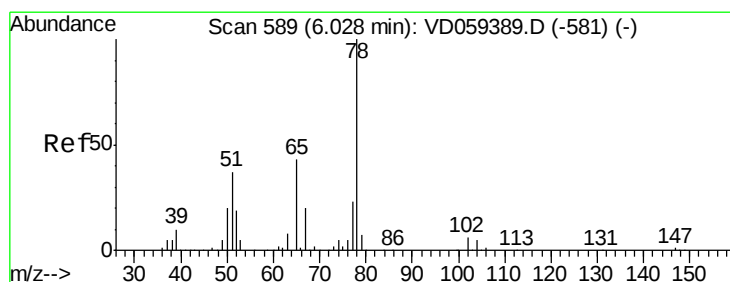
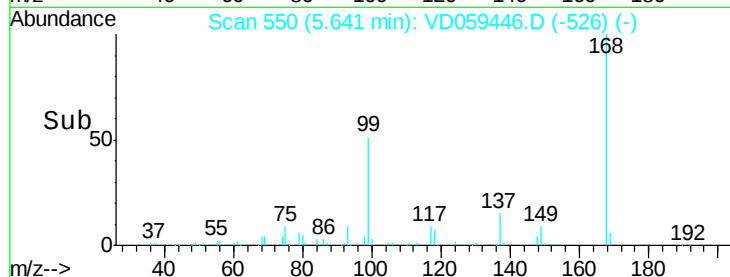
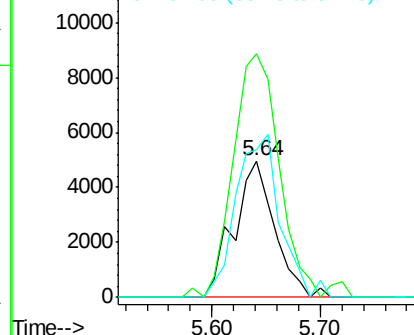
84 108.5 67.3 100.9#



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# 588

Delta R.T. -0.01 min

Lab File: VD059446.D

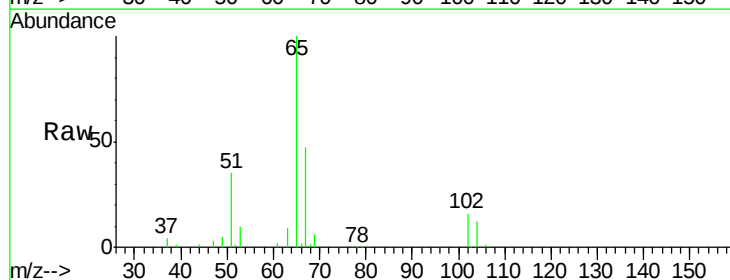
Acq: 27 Jun 2018 15:58

Tgt Ion: 65 Resp: 266564

Ion Ratio Lower Upper

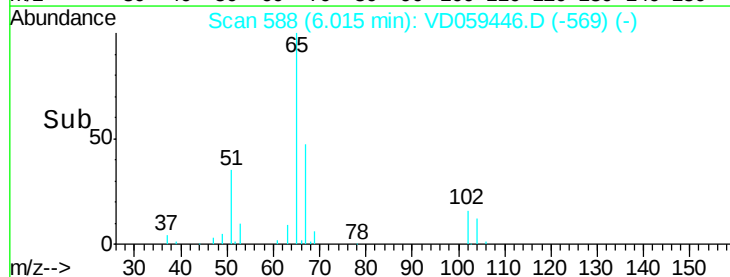
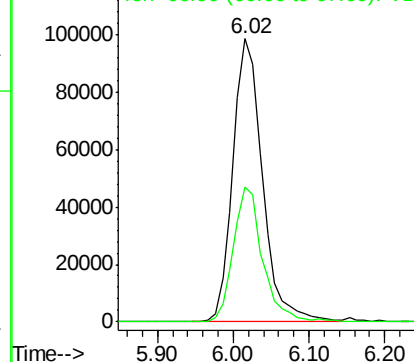
65 100

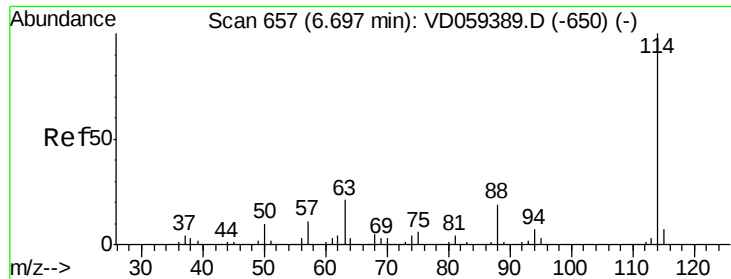
67 47.5 0.0 93.8



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. -0.00 min

Lab File: VD059446.D

Acq: 27 Jun 2018 15:58

Instrument :

MSVOA_D

ClientSampleId :

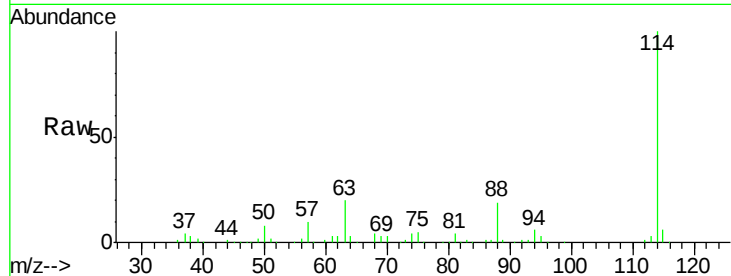
Tot Ion:114 Resp: 808176

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

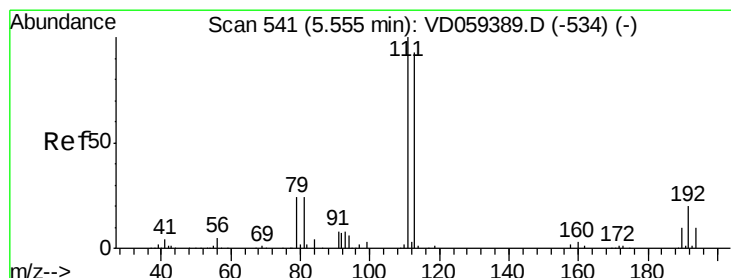
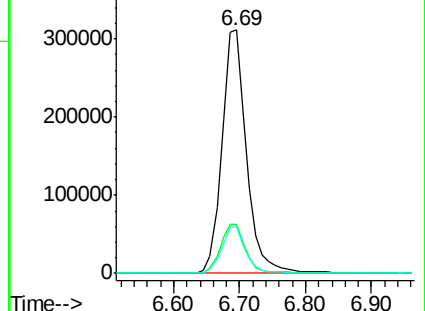
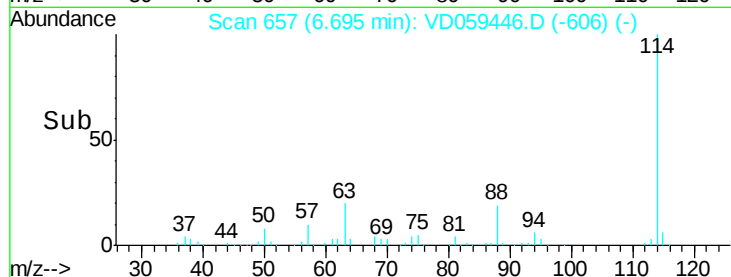
88 18.9 0.0 38.0



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: 5.54 min Scan# 540

Delta R.T. -0.01 min

Lab File: VD059446.D

Acq: 27 Jun 2018 15:58

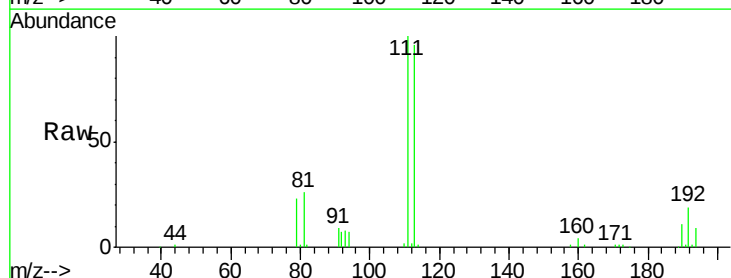
Tgt Ion:113 Resp: 271841

Ion Ratio Lower Upper

113 100

111 104.2 85.7 128.5

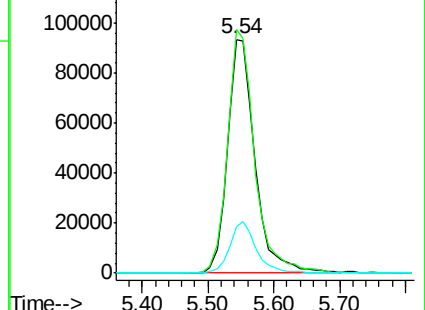
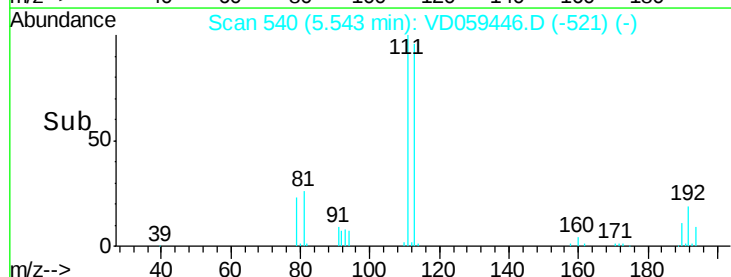
192 19.9 16.9 25.3

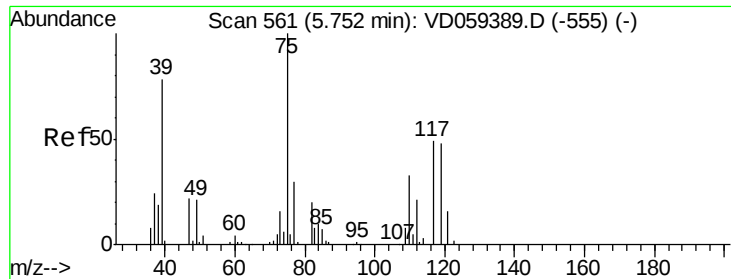


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

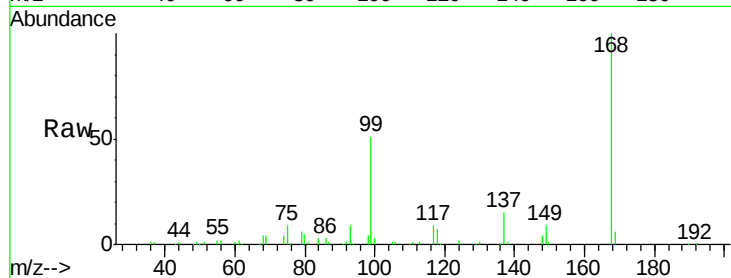




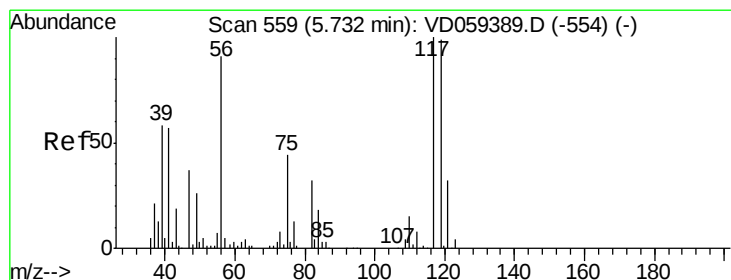
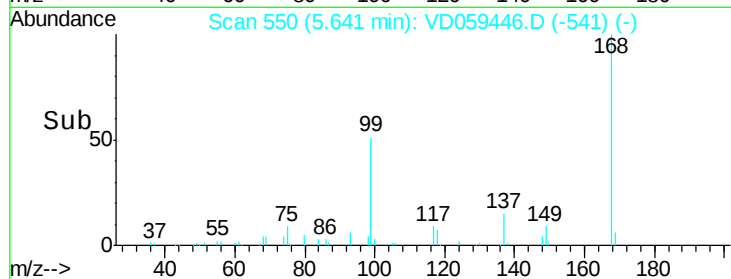
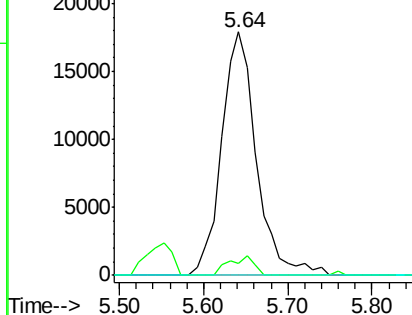
#36
 1,1-Dichloropropene
 Concen: 7.011 ug/l
 RT: 5.64 min Scan# 550
 Delta R.T. -0.11 min
 Lab File: VD059446.D
 Acq: 27 Jun 2018 15:58

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
75	100		
110	4.7	16.1	48.2#
77	0.0	23.4	35.2#

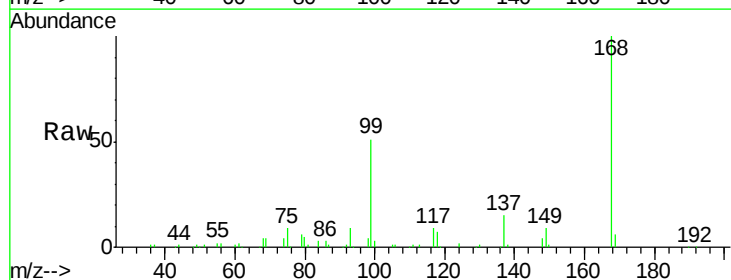


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): VDC
 Ion 76.95 (76.65 to 77.65): VDC

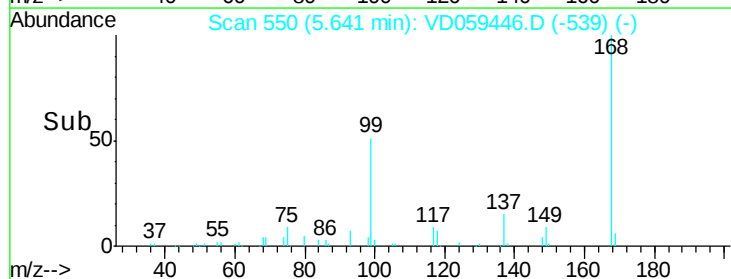
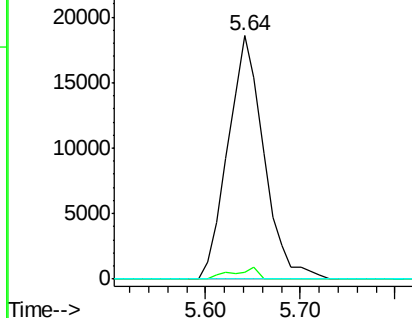


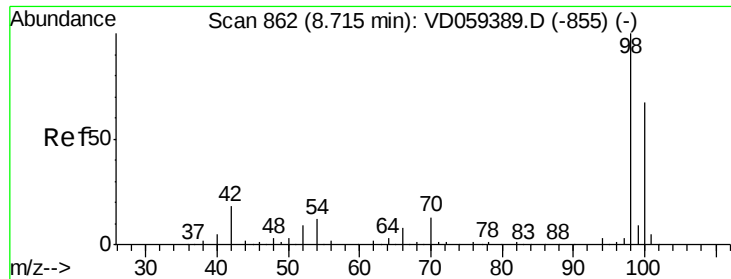
#38
 Carbon Tetrachloride
 Concen: 6.466 ug/l
 RT: 5.64 min Scan# 550
 Delta R.T. -0.09 min
 Lab File: VD059446.D
 Acq: 27 Jun 2018 15:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	2.7	76.6	115.0#
121	0.0	25.0	37.4#



Abundance Ion 116.85 (116.55 to 117.55): VDC
 Ion 118.85 (118.55 to 119.55): VDC
 Ion 120.85 (120.55 to 121.55): VDC

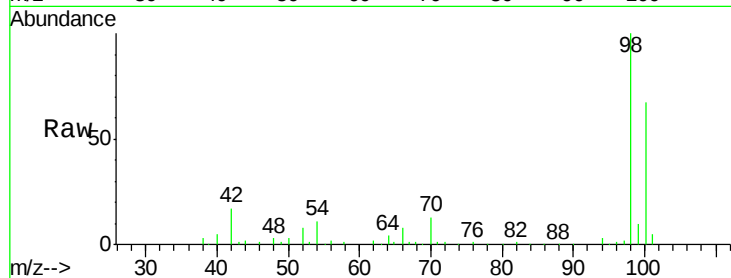




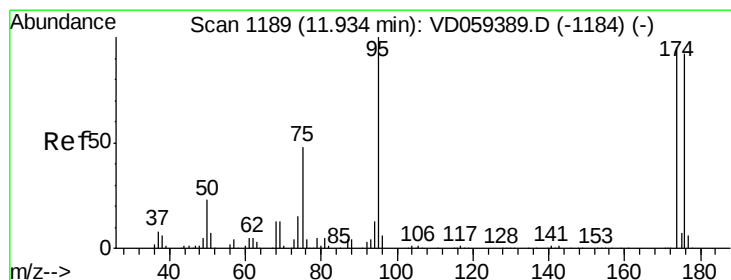
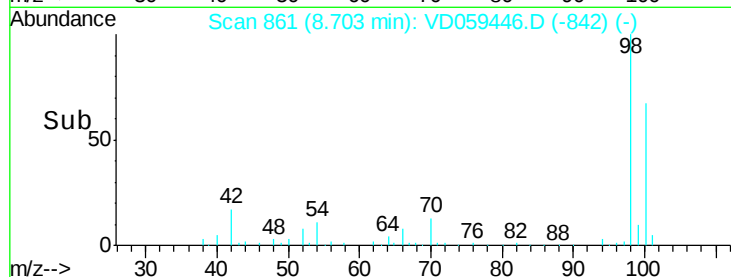
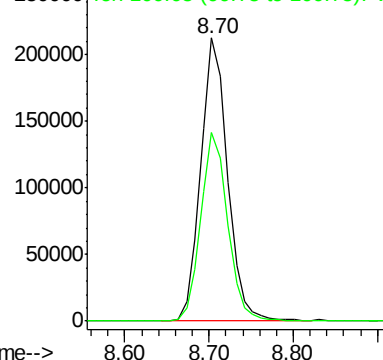
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD059446.D
Acq: 27 Jun 2018 15:58

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 471371
Ion Ratio Lower Upper
98 100
100 66.9 54.4 81.6

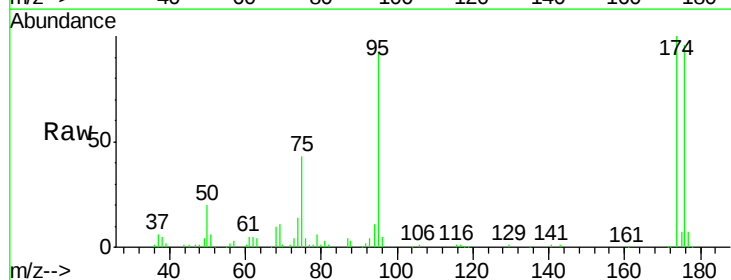


Abundance Ion 98.05 (97.75 to 98.75): VD059389.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD059389.D (-855) (-)

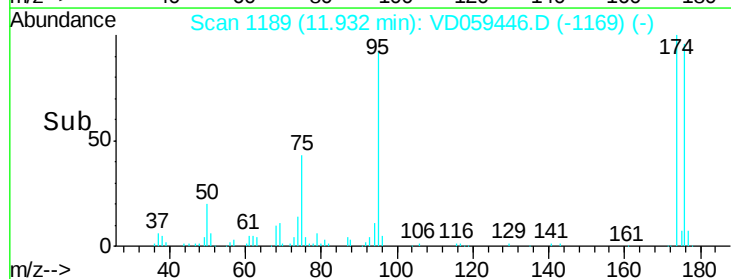
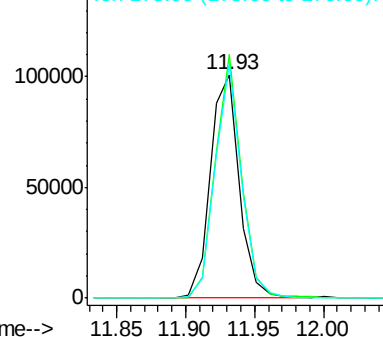


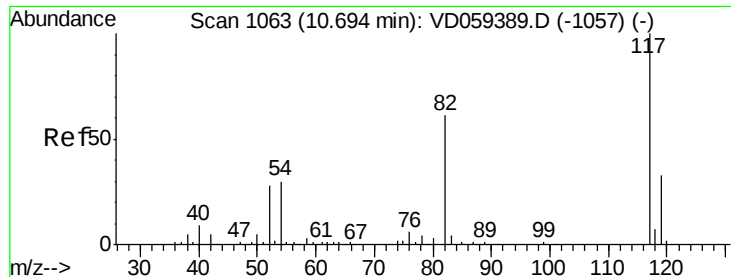
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD059446.D
Acq: 27 Jun 2018 15:58

Tgt Ion: 95 Resp: 147547
Ion Ratio Lower Upper
95 100
174 108.8 0.0 190.4
176 104.9 0.0 183.2



Abundance Ion 95.00 (94.70 to 95.70): VD059389.D (-1184) (-)
Ion 173.90 (173.60 to 174.60): VD059389.D (-1184) (-)
Ion 175.90 (175.60 to 176.60): VD059389.D (-1184) (-)

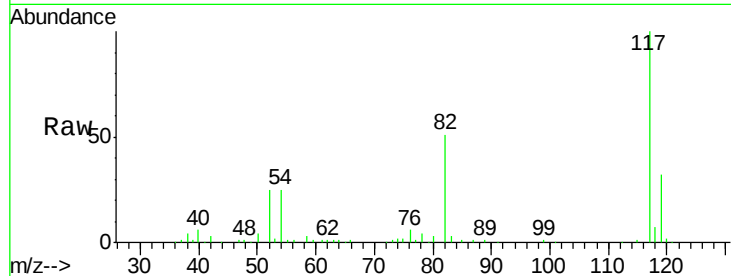




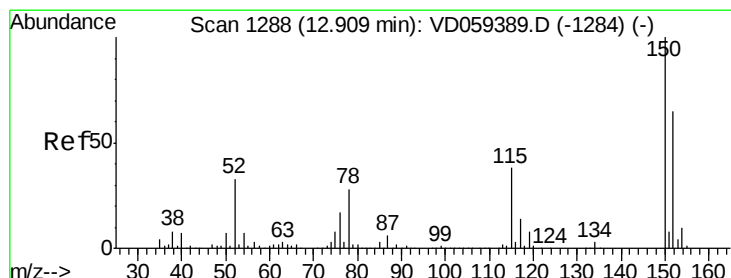
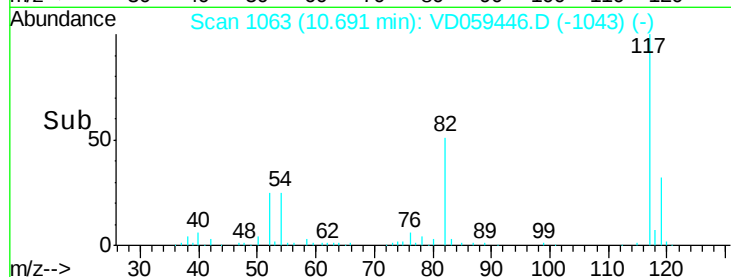
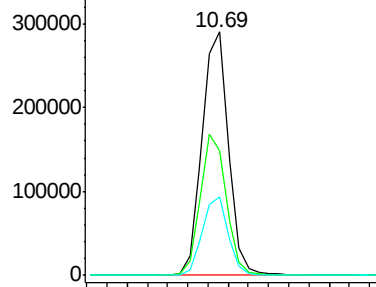
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD059446.D
Acq: 27 Jun 2018 15:58

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 526517
Ion Ratio Lower Upper
117 100
82 51.2 49.0 73.6
119 32.4 26.2 39.4

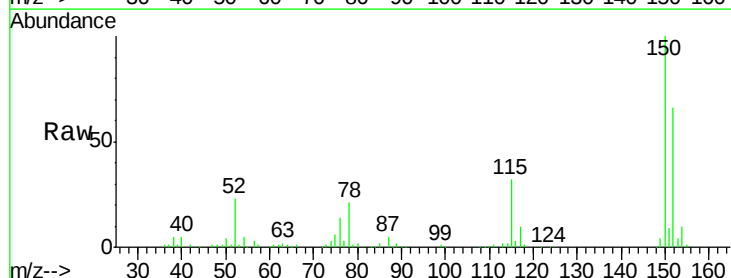


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

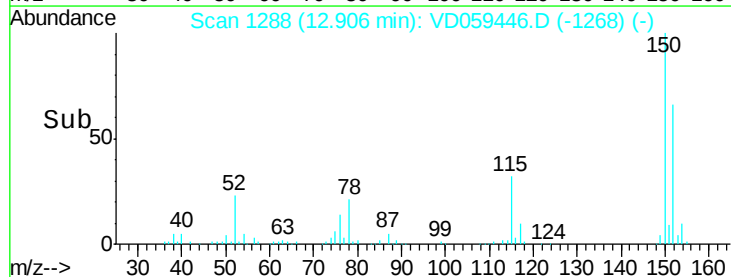
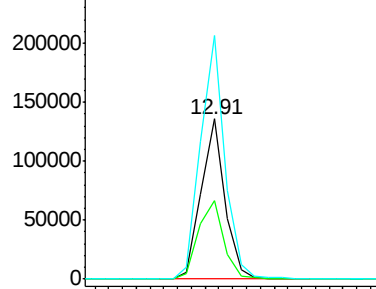


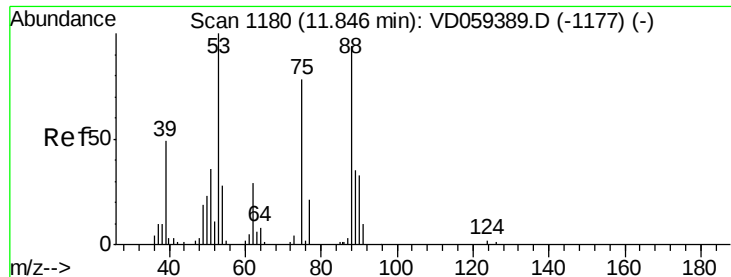
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059446.D
Acq: 27 Jun 2018 15:58

Tgt Ion:152 Resp: 163119
Ion Ratio Lower Upper
152 100
115 49.2 29.4 88.3
150 152.3 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: 142.210 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059446.D

Acq: 27 Jun 2018 15:58

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 72726

Ion Ratio Lower Upper

75 100

53 0.0 102.6 154.0#

89 0.0 35.9 53.9#

