

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059467.D
 Acq On : 28 Jun 2018 17:20
 Operator : VA/AP
 Sample : J3629-09RE
 Misc : 5.89g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 29 01:27:36 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	461958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	641435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	411840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	122523	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	341266	72.24	ug/l	0.00
Spiked Amount			Recovery	=	144.48%	
35) Dibromofluoromethane	5.56	113	335304	64.18	ug/l	0.00
Spiked Amount			Recovery	=	128.36%	
50) Toluene-d8	8.72	98	622587	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	11.94	95	184044	36.23	ug/l	0.00
Spiked Amount			Recovery	=	72.46%	

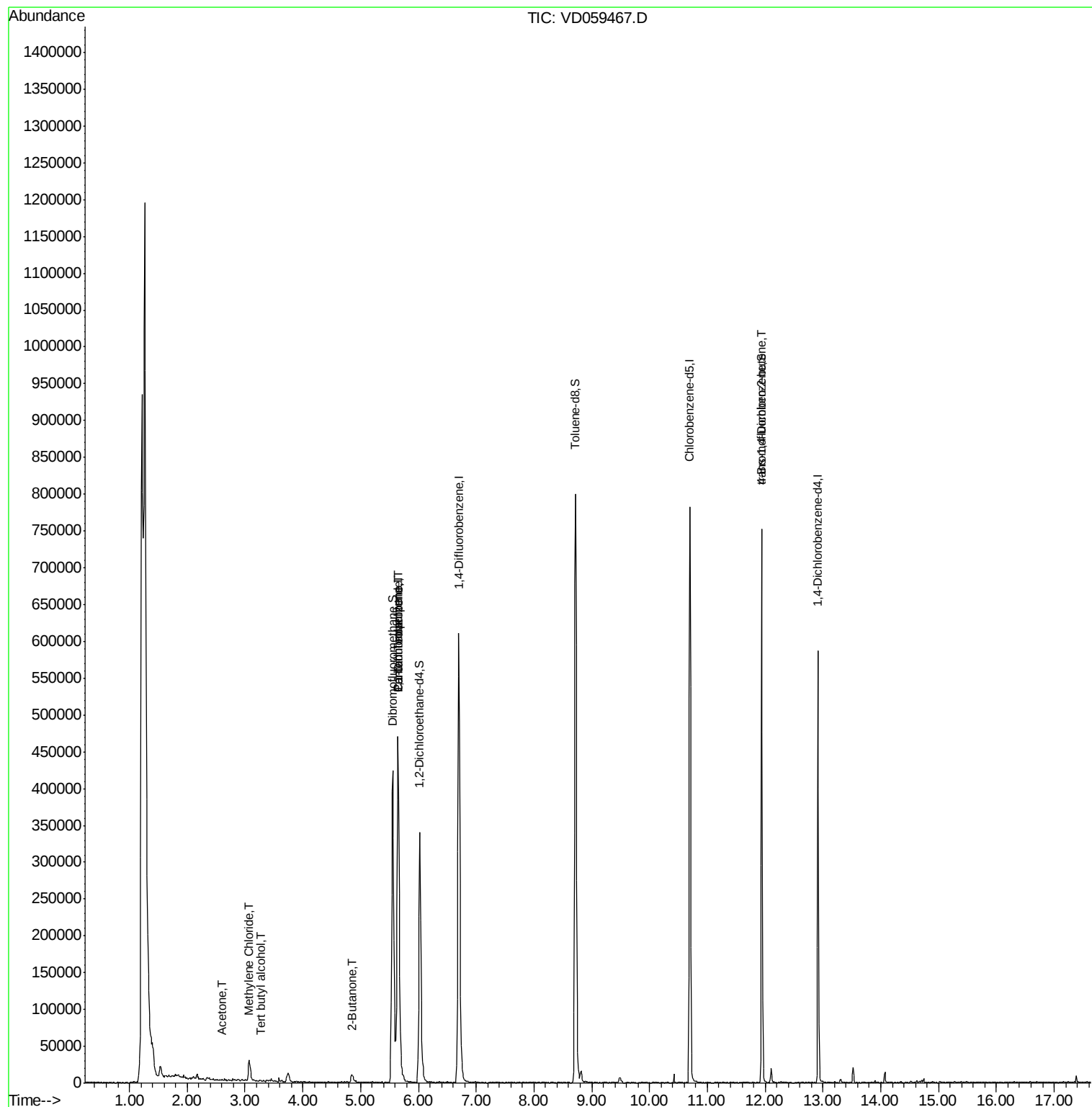
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.82	94	593	Below Cal	#	4
11) Tert butyl alcohol	3.27	59	413	2.527	ug/l #	72
16) Acetone	2.60	43	1068	1.791	ug/l #	55
18) Methyl Acetate	2.94	43	1604	Below Cal	#	66
20) Methylene Chloride	3.08	84	14030	6.305	ug/l #	89
25) 2-Butanone	4.86	43	1289	1.032	ug/l #	57
31) Cyclohexane	5.64	56	9741	Below Cal	#	28
36) 1,1-Dichloropropene	5.65	75	38931	6.691	ug/l #	54
38) Carbon Tetrachloride	5.65	117	37253	6.210	ug/l #	15
81) trans-1,4-Dichloro-2-buten	11.94	75	89396	232.726	ug/l #	1

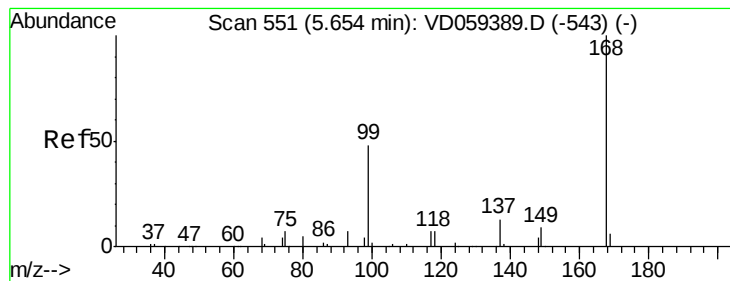
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD059467.D

Acq: 28 Jun 2018 17:20

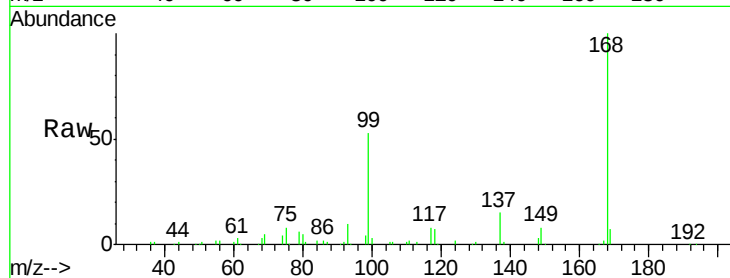
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 461958

Ion Ratio Lower Upper

168 100

99 53.4 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

150000

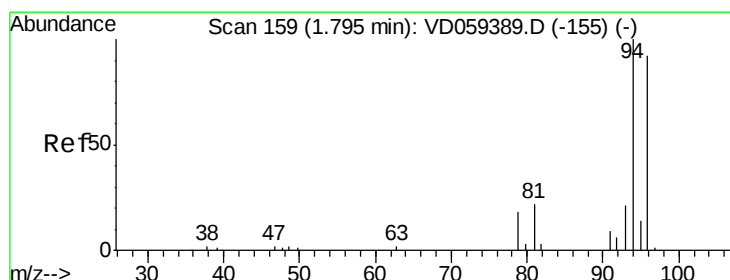
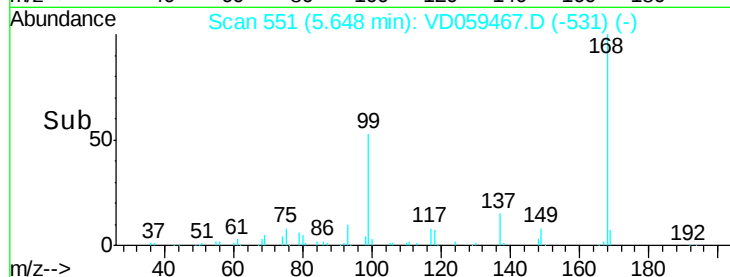
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.82 min Scan# 162

Delta R.T. 0.02 min

Lab File: VD059467.D

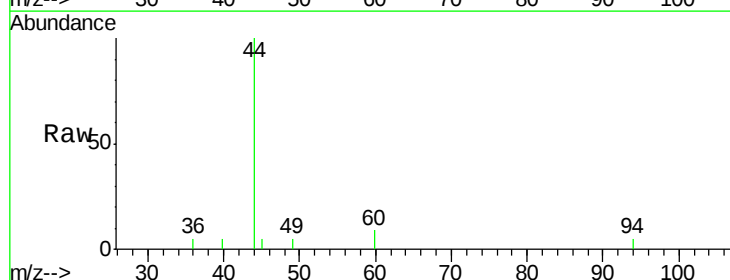
Acq: 28 Jun 2018 17:20

Tgt Ion: 94 Resp: 593

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

1.82

400

300

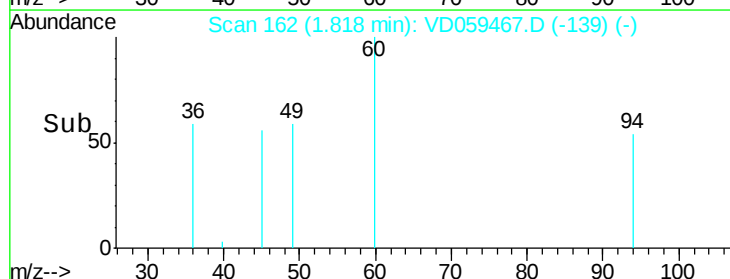
200

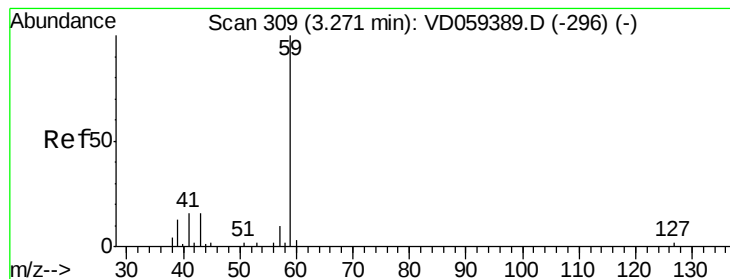
100

0

Time-->

1.80 1.85



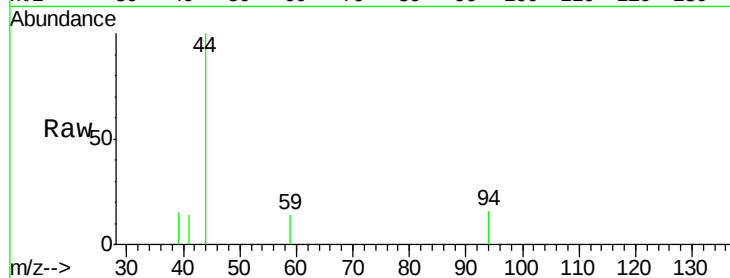


#11

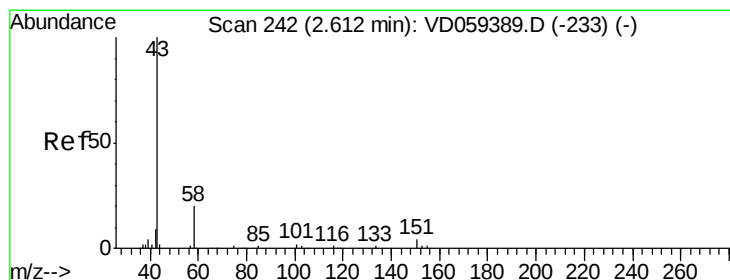
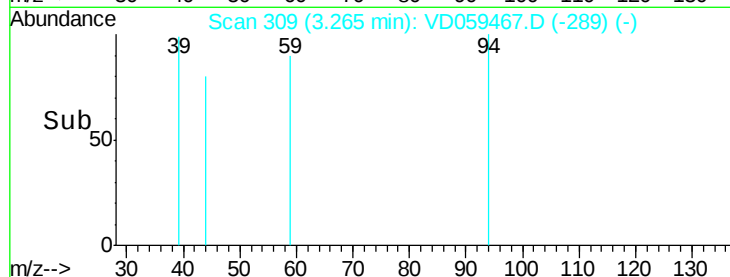
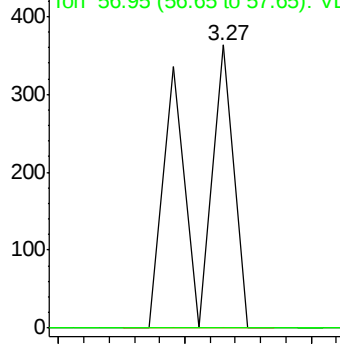
Tert butyl alcohol
Concen: 2.527 ug/l
RT: 3.27 min Scan# 309
Delta R.T. -0.01 min
Lab File: VD059467.D
Acq: 28 Jun 2018 17:20

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 59 Resp: 413
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



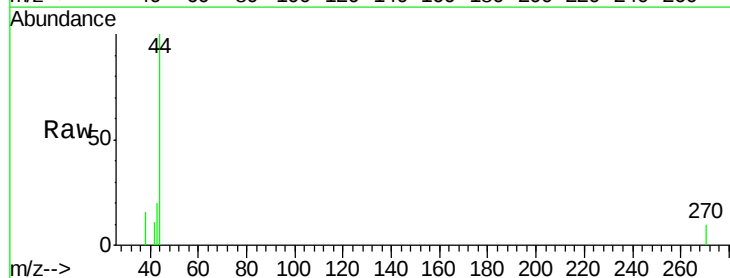
Abundance Ion 58.95 (58.65 to 59.65): VDC
Ion 56.95 (56.65 to 57.65): VDC



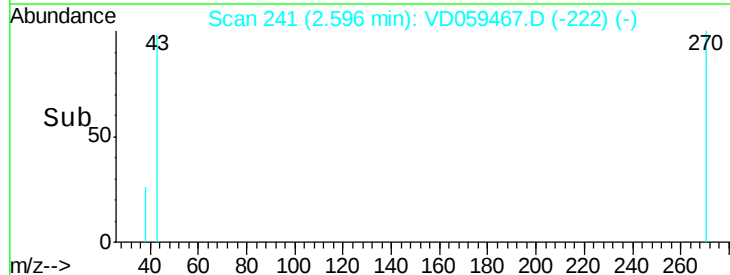
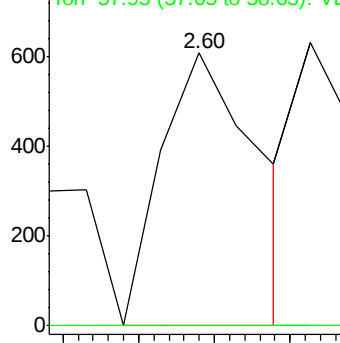
#16

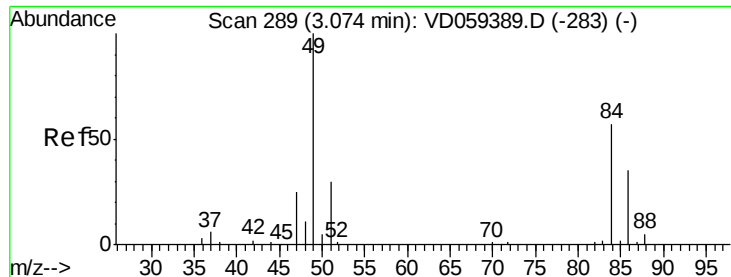
Acetone
Concen: 1.791 ug/l
RT: 2.60 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD059467.D
Acq: 28 Jun 2018 17:20

Tgt Ion: 43 Resp: 1068
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

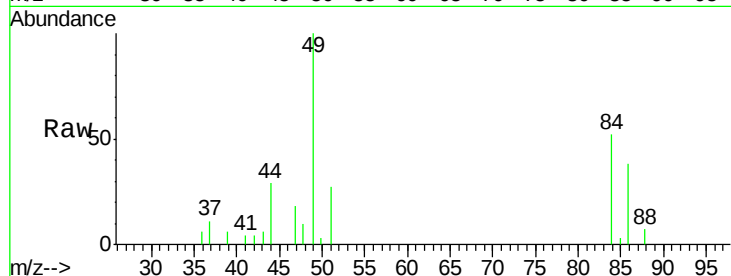




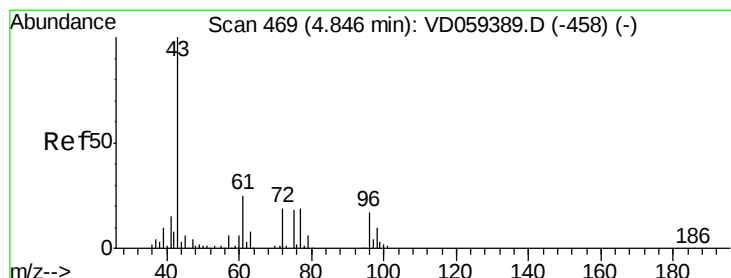
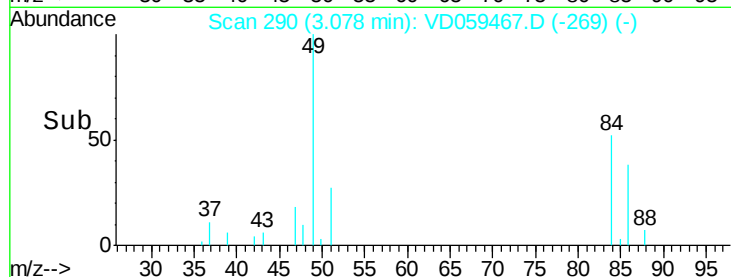
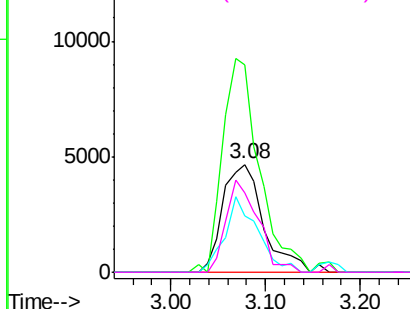
#20
Methvlene Chloride
Concen: 6.305 ug/l
RT: 3.08 min Scan# 290
Delta R.T. 0.00 min
Lab File: VD059467.D
Acq: 28 Jun 2018 17:20

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 84 Resp: 14030
Ion Ratio Lower Upper
84 100
49 192.9 140.3 210.5
51 52.1 41.6 62.4
86 74.2 49.4 74.2#

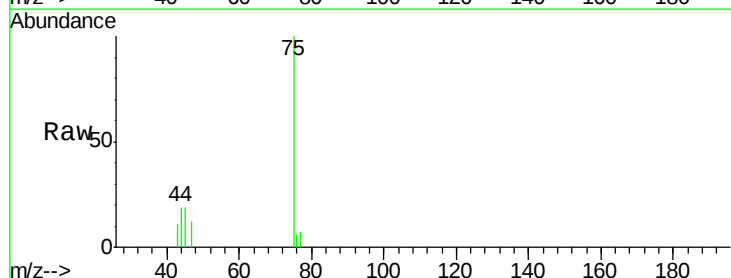


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

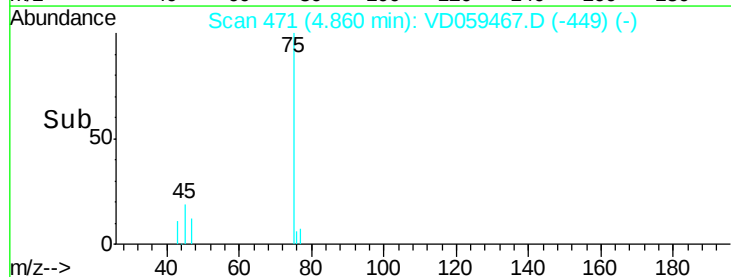
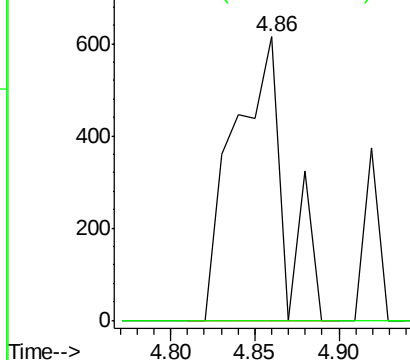


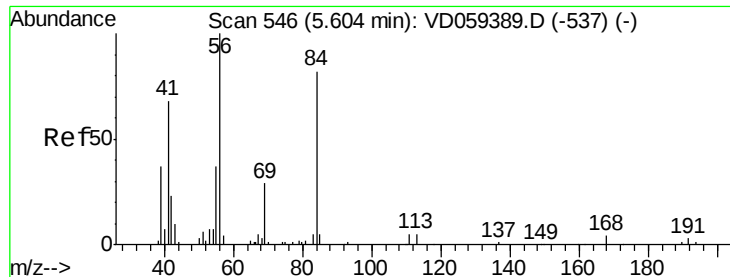
#25
2-Butanone
Concen: 1.032 ug/l
RT: 4.86 min Scan# 471
Delta R.T. 0.01 min
Lab File: VD059467.D
Acq: 28 Jun 2018 17:20

Tgt Ion: 43 Resp: 1289
Ion Ratio Lower Upper
43 100
72 0.0 15.4 23.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

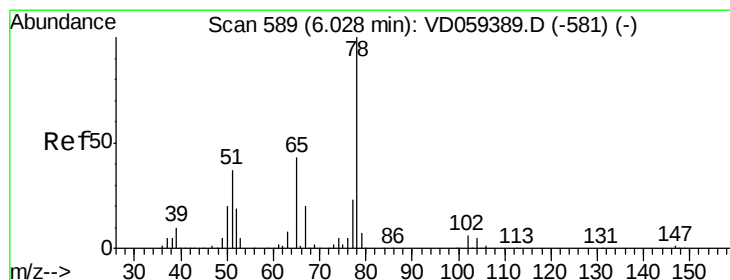
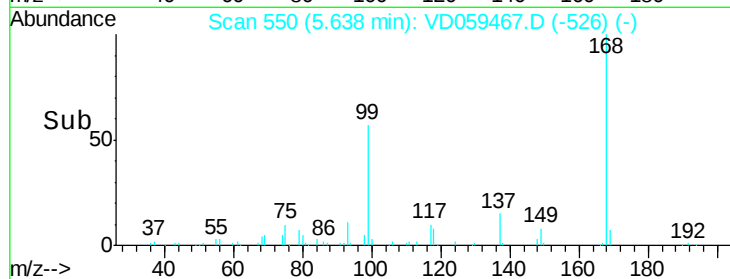
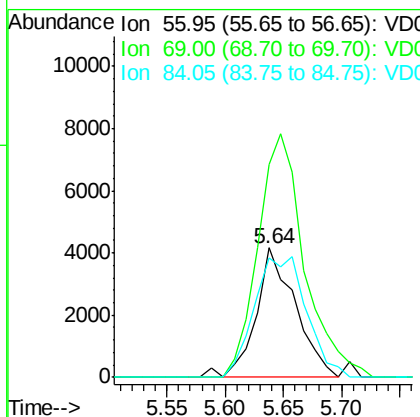
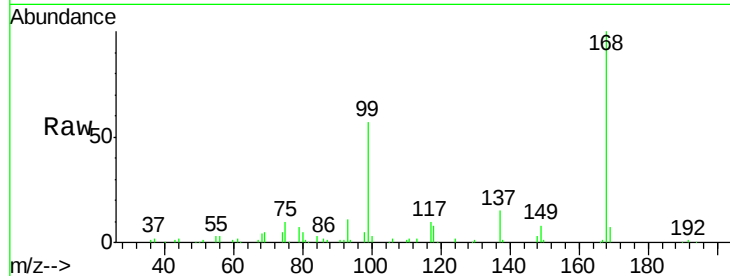




#31
Cyclohexane
Concen: Below Cal
RT: 5.64 min Scan# 550
Delta R.T. 0.03 min
Lab File: VD059467.D
Acq: 28 Jun 2018 17:20

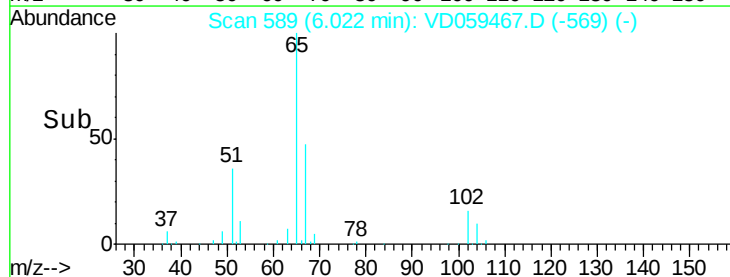
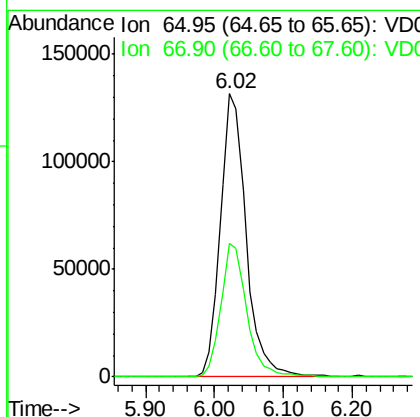
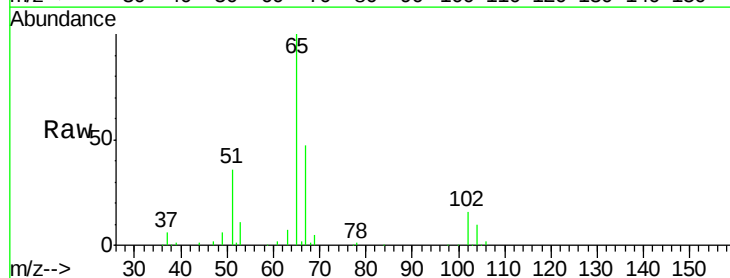
Instrument :
MSVOA_D
ClientSampled :

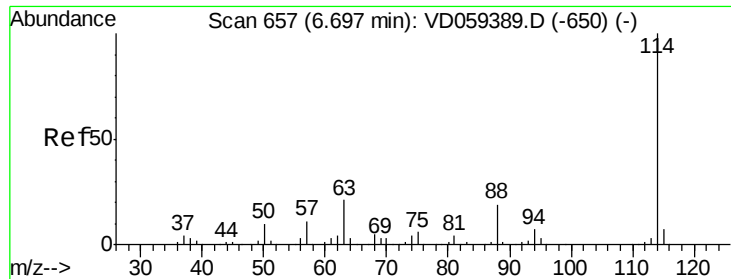
Tot Ion: 56 Resp: 9741
Ion Ratio Lower Upper
56 100
69 165.3 22.9 34.3#
84 92.2 67.3 100.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.02 min Scan# 589
Delta R.T. -0.01 min
Lab File: VD059467.D
Acq: 28 Jun 2018 17:20

Tgt Ion: 65 Resp: 341266
Ion Ratio Lower Upper
65 100
67 47.4 0.0 93.8

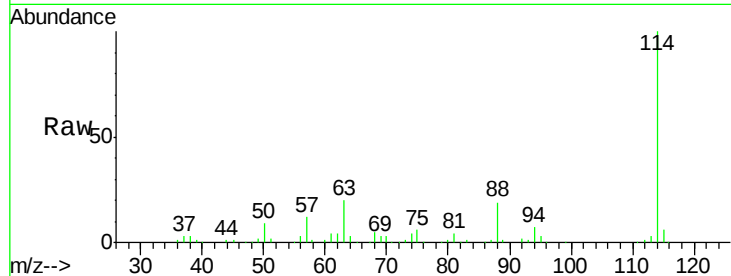




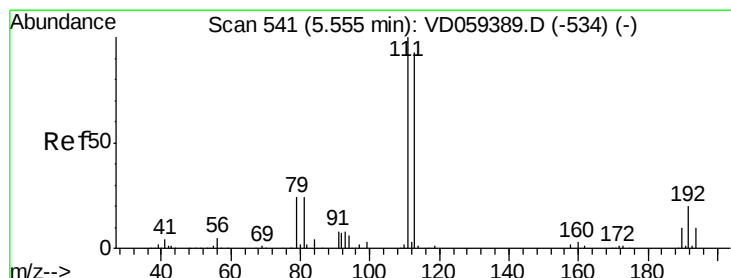
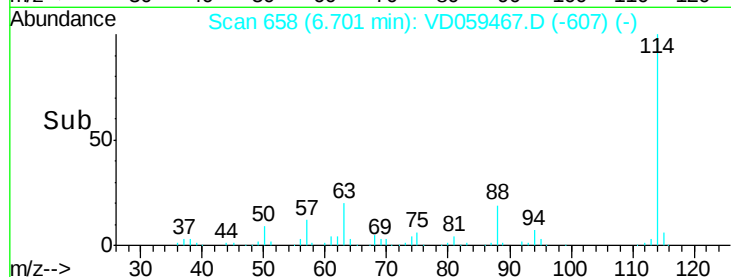
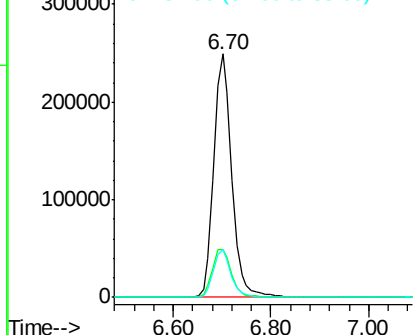
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.70 min Scan# 658
Delta R.T. 0.00 min
Lab File: VD059467.D
Acq: 28 Jun 2018 17:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:114 Resp: 641435
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 19.4 0.0 38.0

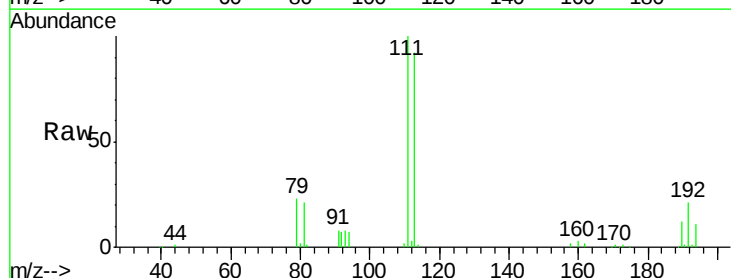


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

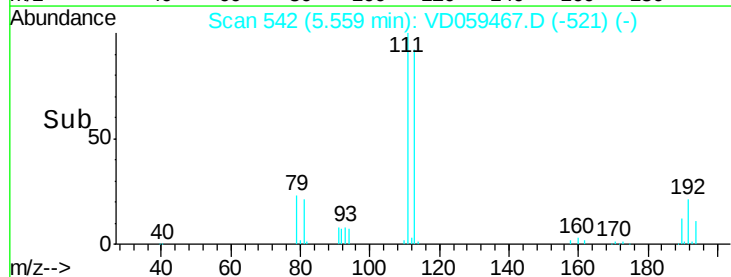
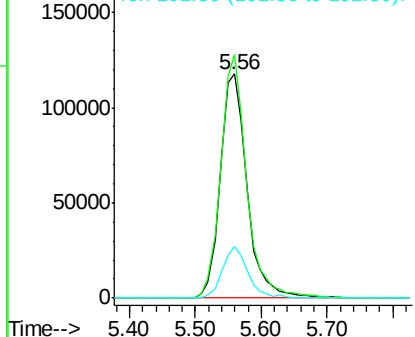


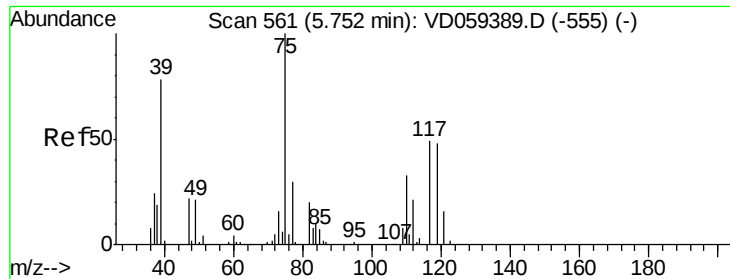
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.56 min Scan# 542
Delta R.T. 0.00 min
Lab File: VD059467.D
Acq: 28 Jun 2018 17:20

Tgt Ion:113 Resp: 335304
Ion Ratio Lower Upper
113 100
111 108.6 85.7 128.5
192 23.1 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: 6.691 ug/l

RT: 5.65 min Scan# 551

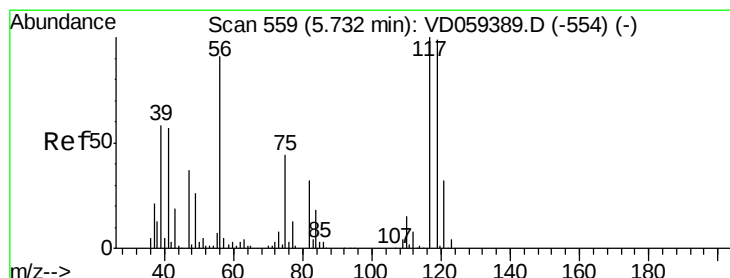
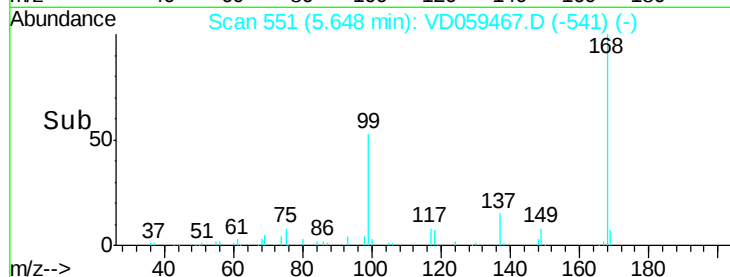
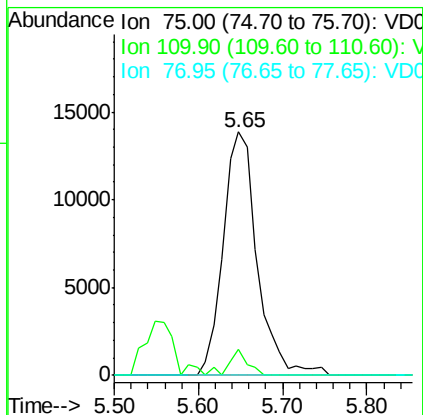
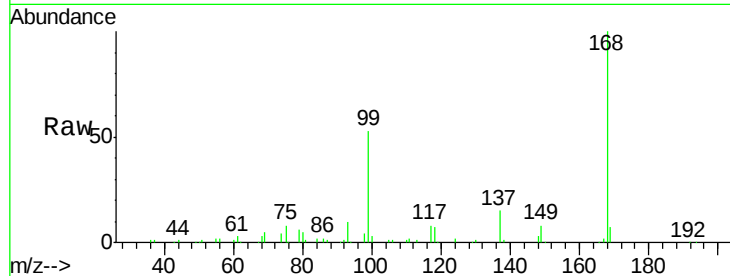
Delta R.T. -0.10 min

Lab File: VD059467.D

Acq: 28 Jun 2018 17:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	10.7	16.1	48.2#
77	0.0	23.4	35.2#



#38

Carbon Tetrachloride

Concen: 6.210 ug/l

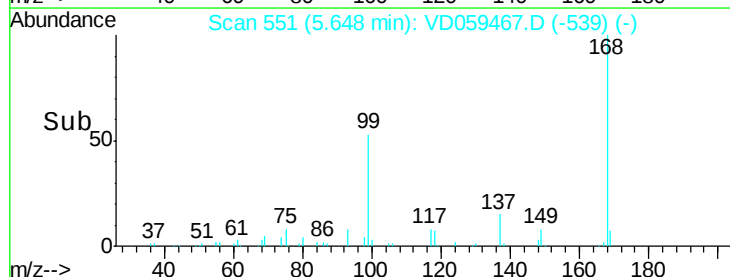
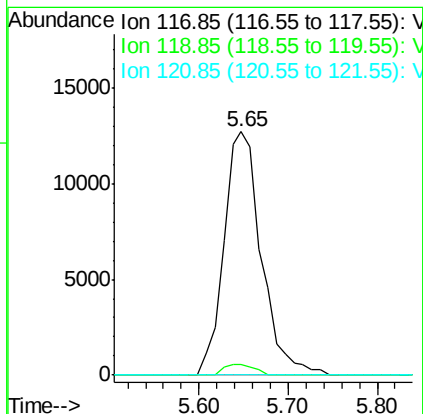
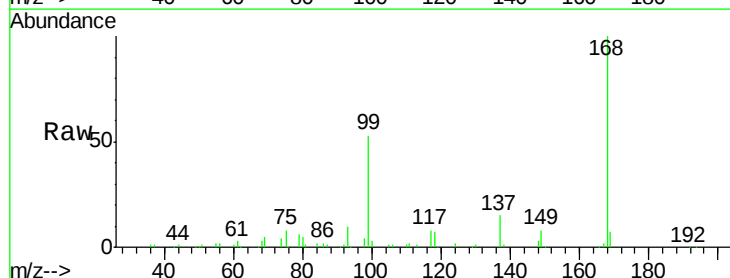
RT: 5.65 min Scan# 551

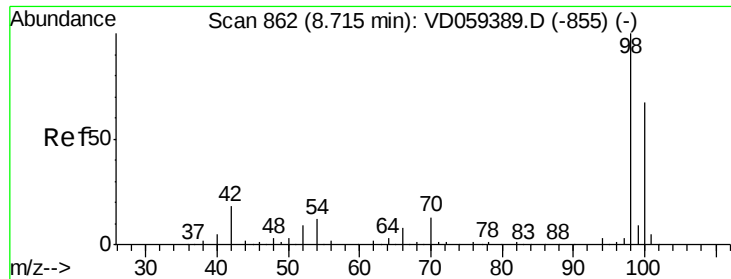
Delta R.T. -0.08 min

Lab File: VD059467.D

Acq: 28 Jun 2018 17:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.6	115.0#
121	0.0	25.0	37.4#

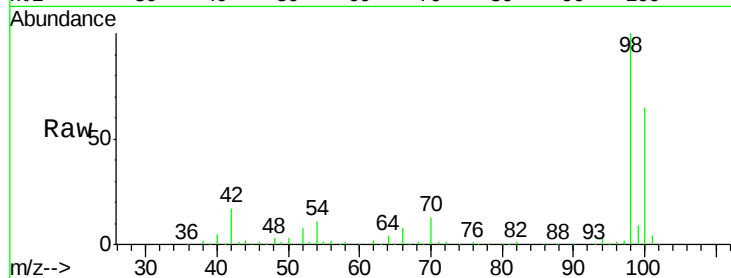




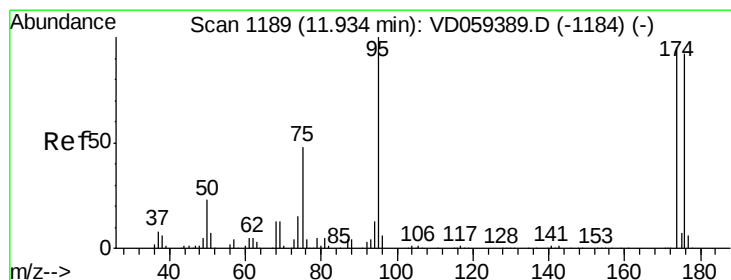
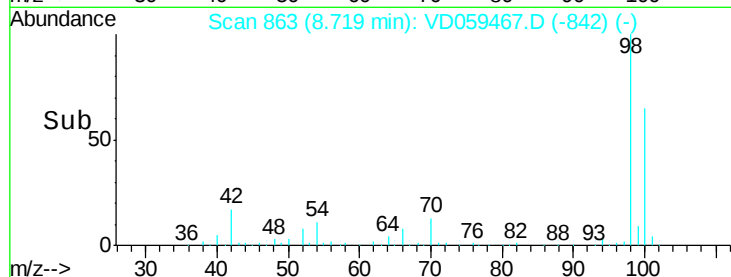
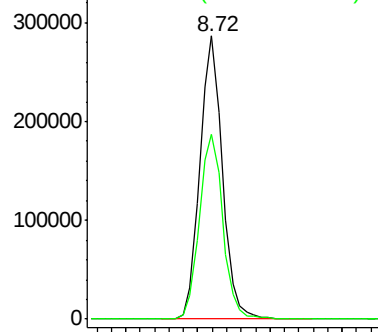
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.00 min
Lab File: VD059467.D
Acq: 28 Jun 2018 17:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 622587
Ion Ratio Lower Upper
98 100
100 65.3 54.4 81.6

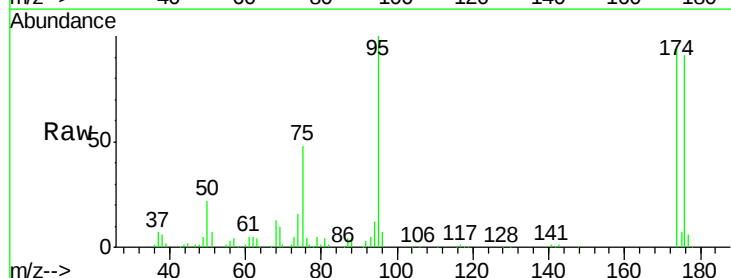


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

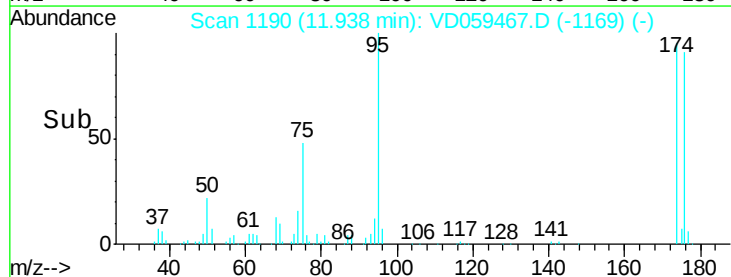
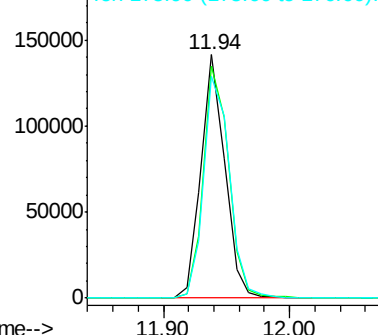


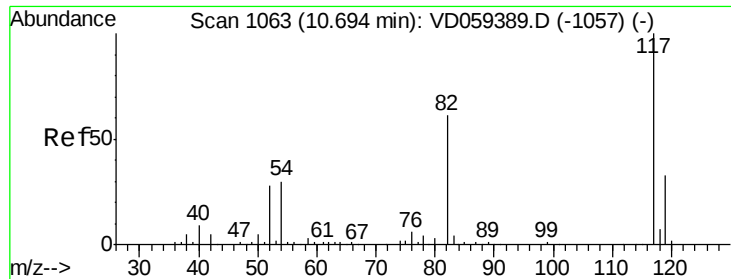
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VD059467.D
Acq: 28 Jun 2018 17:20

Tgt Ion: 95 Resp: 184044
Ion Ratio Lower Upper
95 100
174 95.3 0.0 190.4
176 91.3 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

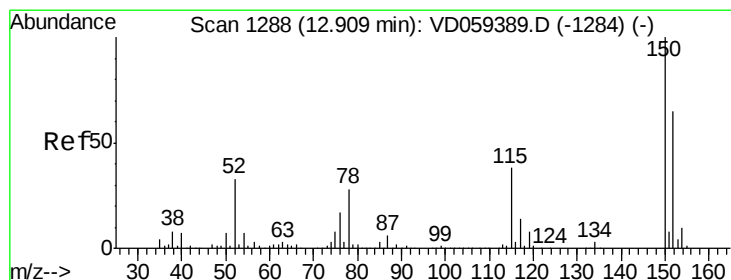
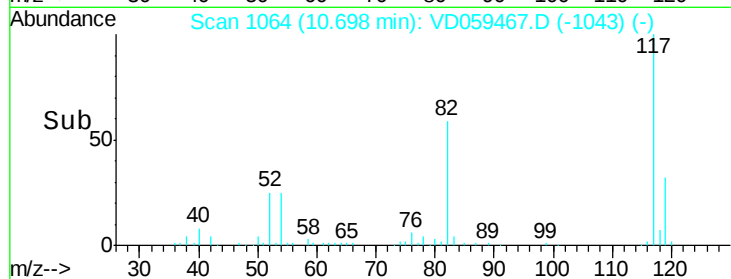
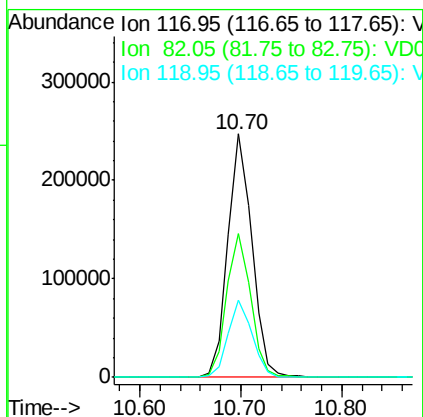
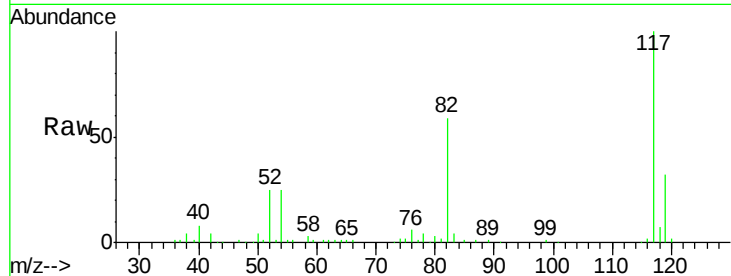




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VD059467.D
Acq: 28 Jun 2018 17:20

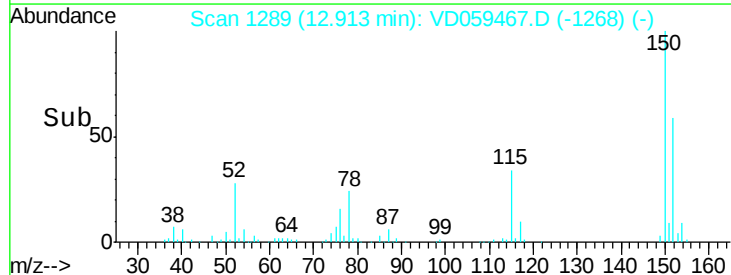
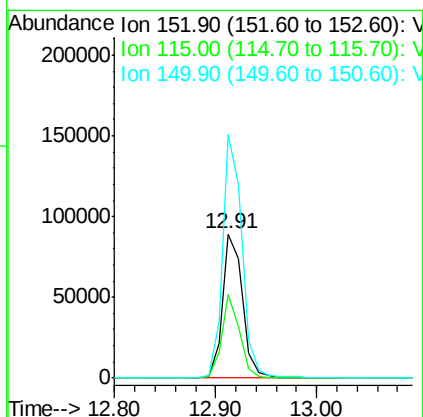
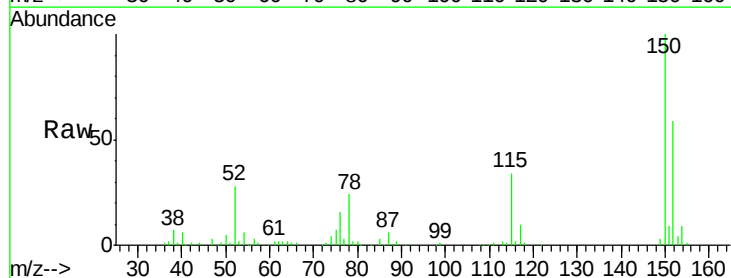
Instrument :
MSVOA_D
ClientSampleId :

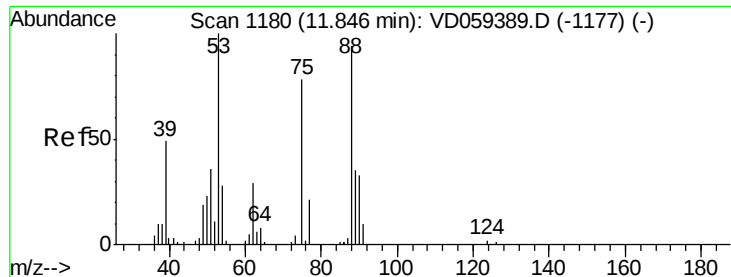
Tot Ion:117 Resp: 411840
Ion Ratio Lower Upper
117 100
82 58.9 49.0 73.6
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059467.D
Acq: 28 Jun 2018 17:20

Tgt Ion:152 Resp: 122523
Ion Ratio Lower Upper
152 100
115 57.8 29.4 88.3
150 169.4 0.0 308.2





#81

trans-1,4-Dichloro-2-butene

Concen: 232.726 ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.09 min

Lab File: VD059467.D

Acq: 28 Jun 2018 17:20

Instrument :

MSVOA_D

ClientSampleId :

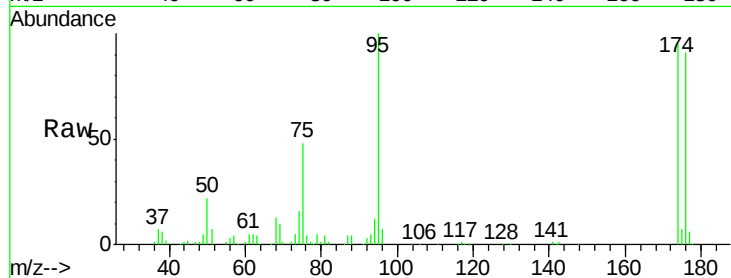
Tot Ion: 75 Resp: 89396

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

