

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081418\
 Data File : VD059764.D
 Acq On : 14 Aug 2018 13:47
 Operator : VA/AP
 Sample : VD0814SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBL01

Quant Time: Aug 14 15:33:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	245344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	325684	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	258813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	139970	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	158156	41.18	ug/l	0.00
Spiked Amount						
			Recovery	=	82.36%	
35) Dibromofluoromethane	5.54	113	149077	44.45	ug/l	0.00
Spiked Amount						
			Recovery	=	88.90%	
50) Toluene-d8	8.70	98	339774	51.08	ug/l	0.00
Spiked Amount						
			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.93	95	149424	44.79	ug/l	0.00
Spiked Amount						
			Recovery	=	89.58%	

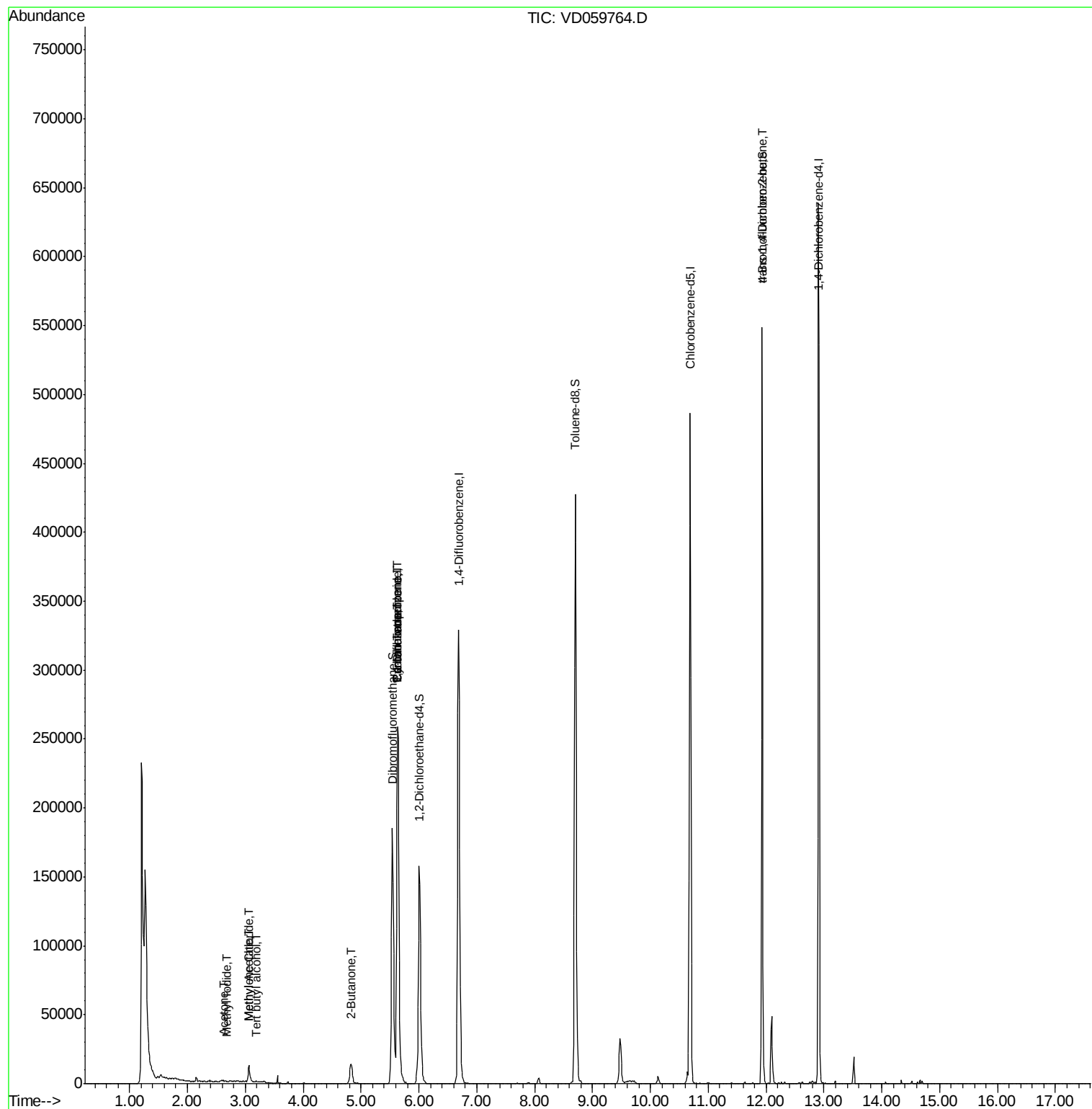
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.68	142	182	3.95	ug/l #	25
11) Tert butyl alcohol	3.19	59	178	1.34	ug/l #	75
16) Acetone	2.62	43	1801	2.87	ug/l #	59
18) Methyl Acetate	3.07	43	925	1.06	ug/l #	64
20) Methylene Chloride	3.06	84	5310	2.93	ug/l #	85
25) 2-Butanone	4.82	43	1526	2.26	ug/l #	62
31) Cyclohexane	5.63	56	6138	2.48	ug/l #	14
36) 1,1-Dichloropropene	5.63	75	22481	5.95	ug/l #	52
38) Carbon Tetrachloride	5.63	117	23069	3.88	ug/l #	15
81) trans-1,4-Dichloro-2-buten	11.93	75	74535	159.82	ug/l #	1

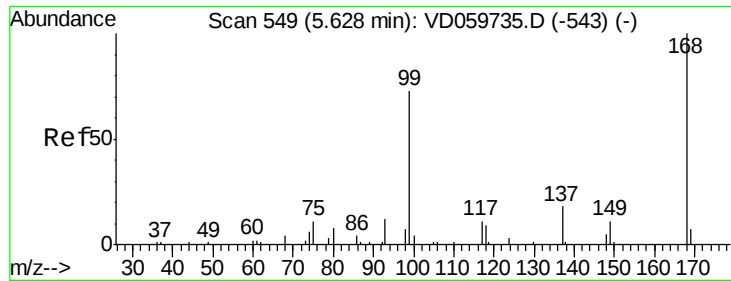
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081418\
Data File : VD059764.D
Acq On : 14 Aug 2018 13:47
Operator : VA/AP
Sample : VD0814SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0814SBL01

Quant Time: Aug 14 15:33:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 11 05:42:24 2018
Response via : Initial Calibration

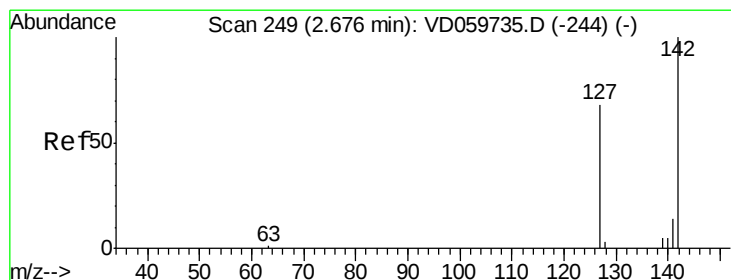
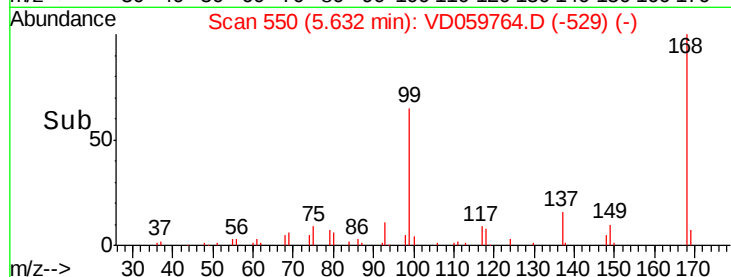
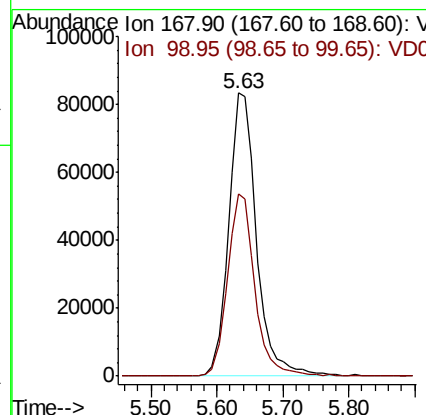
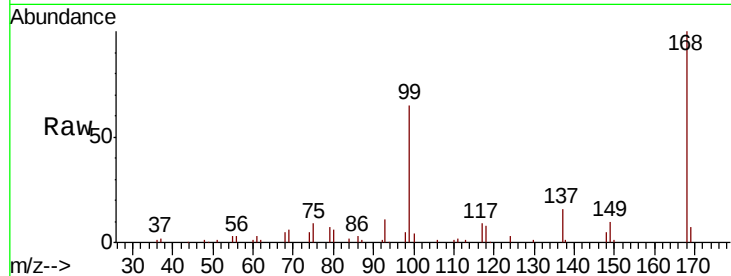




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.00 min
Lab File: VD059764.D
Acq: 14 Aug 2018 13:47

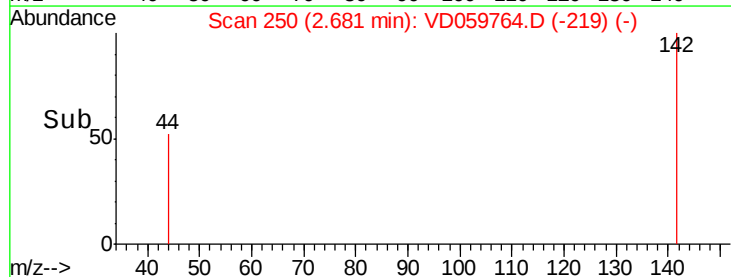
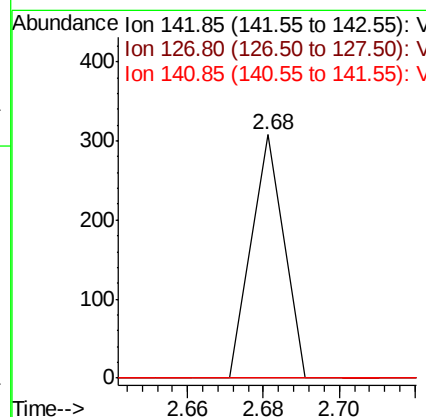
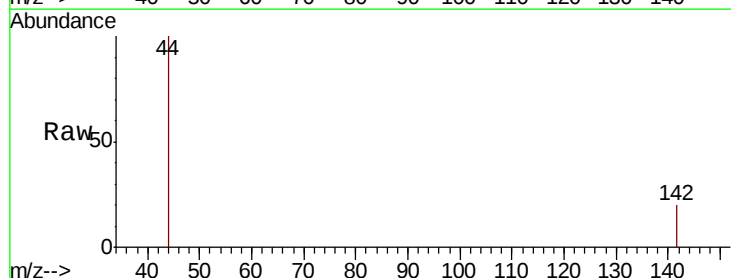
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBL01

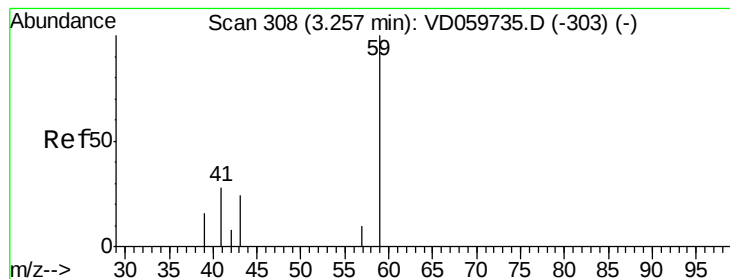
Tot Ion:168 Resp: 245344
Ion Ratio Lower Upper
168 100
99 64.6 61.4 92.2



#10
Methyl Iodide
Concen: 3.95 ug/l
RT: 2.68 min Scan# 250
Delta R.T. 0.01 min
Lab File: VD059764.D
Acq: 14 Aug 2018 13:47

Tgt Ion:142 Resp: 182
Ion Ratio Lower Upper
142 100
127 0.0 54.0 81.0#
141 0.0 11.0 16.4#





#11

Tert butyl alcohol

Concen: 1.34 ug/l

RT: 3.19 min Scan# 302

Delta R.T. -0.06 min

Lab File: VD059764.D

Acq: 14 Aug 2018 13:47

Instrument :

MSVOA_D

ClientSampleId :

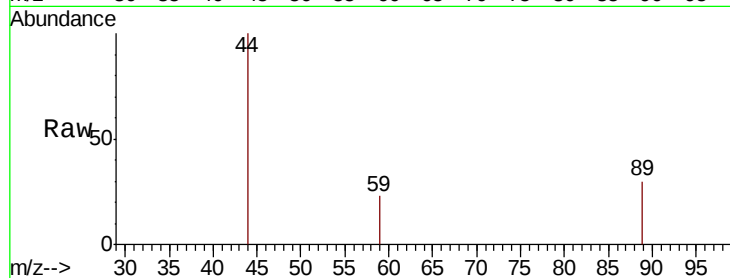
VD0814SBL01

Tot Ion: 59 Resp: 178

Ion Ratio Lower Upper

59 100

57 0.0 7.3 10.9#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

3.19

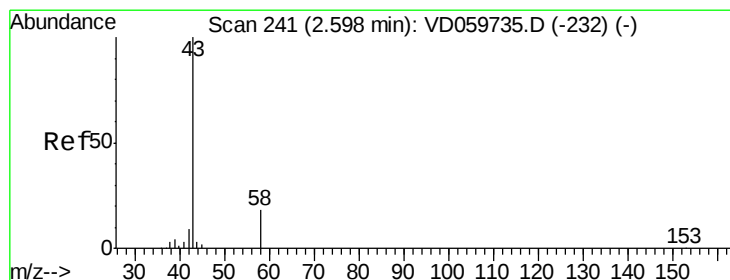
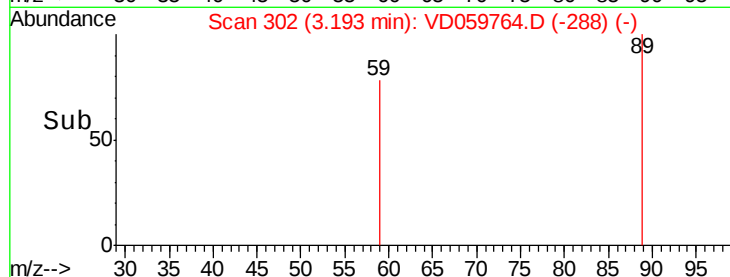
300

200

100

0

Time-->



#16

Acetone

Concen: 2.87 ug/l

RT: 2.62 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD059764.D

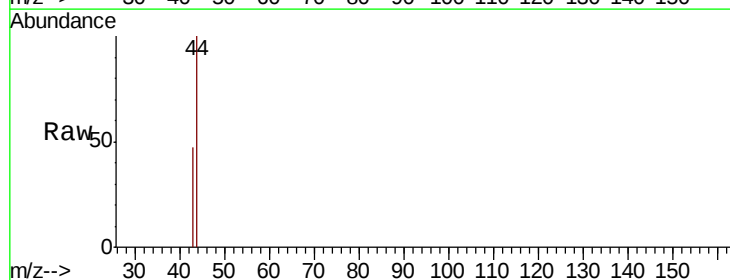
Acq: 14 Aug 2018 13:47

Tgt Ion: 43 Resp: 1801

Ion Ratio Lower Upper

43 100

58 0.0 14.6 21.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.62

800

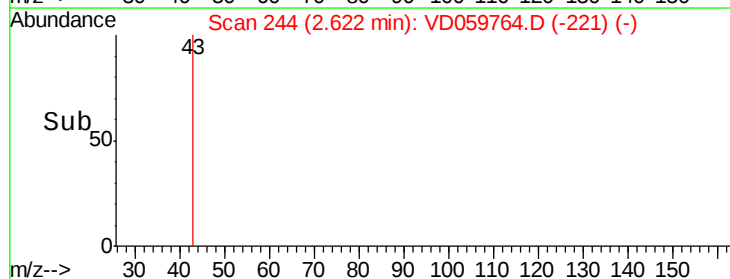
600

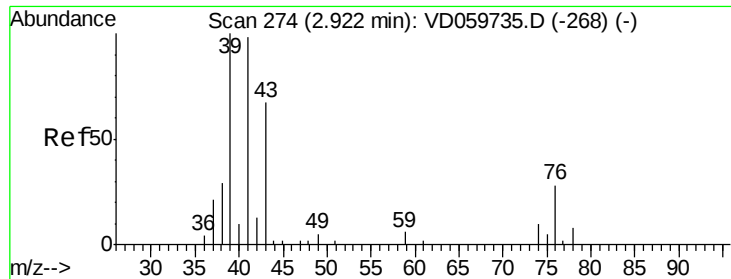
400

200

0

Time-->





#18

Methyl Acetate

Concen: 1.06 ug/l

RT: 3.07 min Scan# 290

Delta R.T. 0.15 min

Lab File: VD059764.D

Acq: 14 Aug 2018 13:47

Instrument :

MSVOA_D

ClientSampleId :

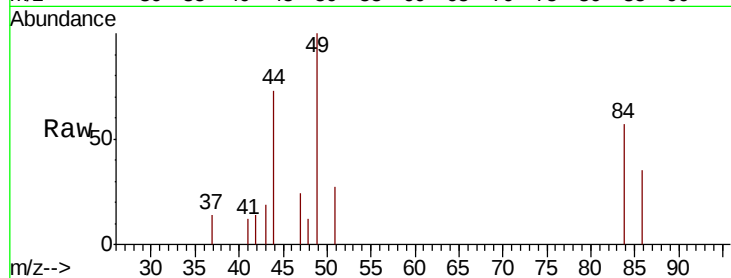
VD0814SBL01

Tot Ion: 43 Resp: 925

Ion Ratio Lower Upper

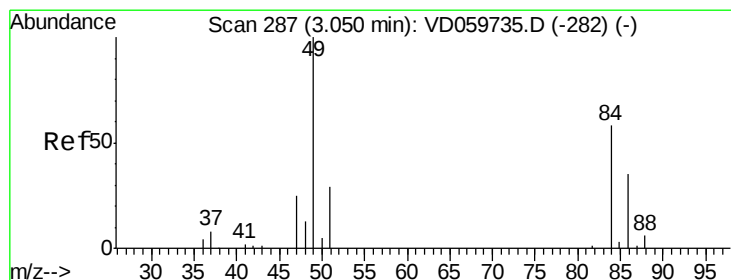
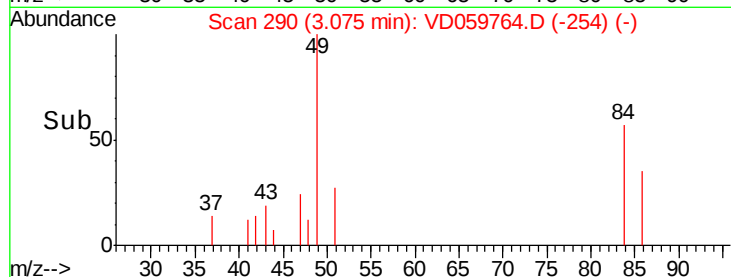
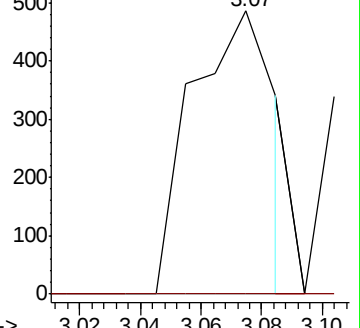
43 100

74 0.0 12.1 18.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC



#20

Methylene Chloride

Concen: 2.93 ug/l

RT: 3.06 min Scan# 289

Delta R.T. 0.01 min

Lab File: VD059764.D

Acq: 14 Aug 2018 13:47

Tgt Ion: 84 Resp: 5310

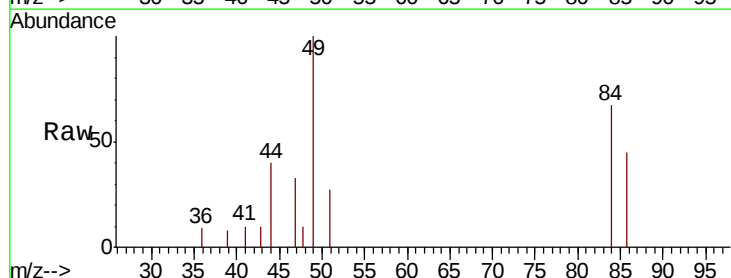
Ion Ratio Lower Upper

84 100

49 149.5 138.9 208.3

51 39.9 40.2 60.2#

86 66.5 49.1 73.7

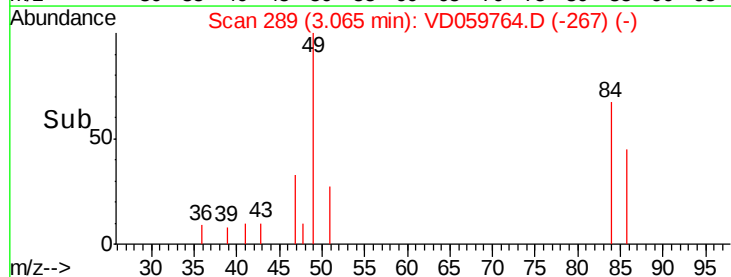
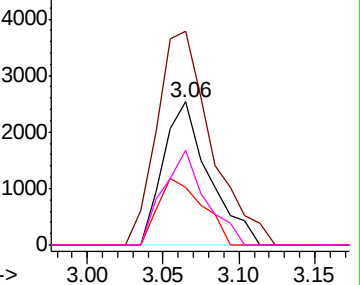


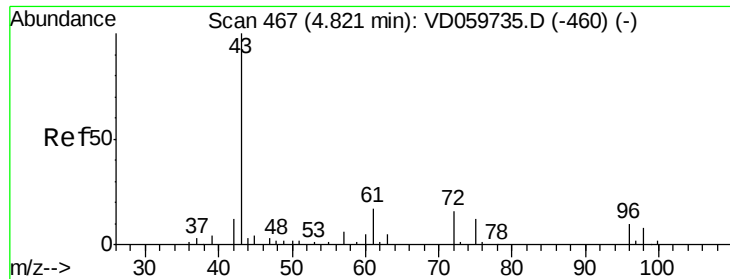
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 2.26 ug/l

RT: 4.82 min Scan# 467

Delta R.T. -0.01 min

Lab File: VD059764.D

Acq: 14 Aug 2018 13:47

Instrument :

MSVOA_D

ClientSampleId :

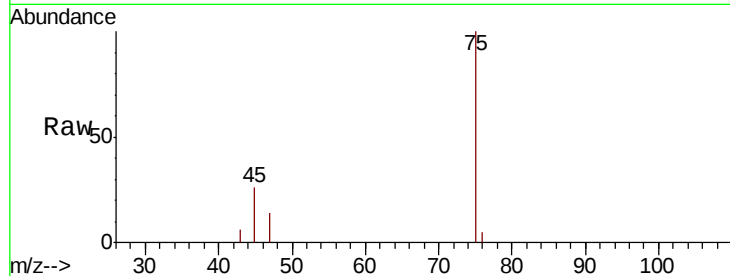
VD0814SBL01

Tot Ion: 43 Resp: 1526

Ion Ratio Lower Upper

43 100

72 0.0 13.1 19.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

4.82

600

500

400

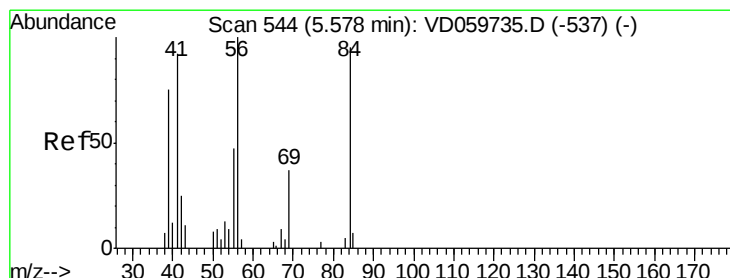
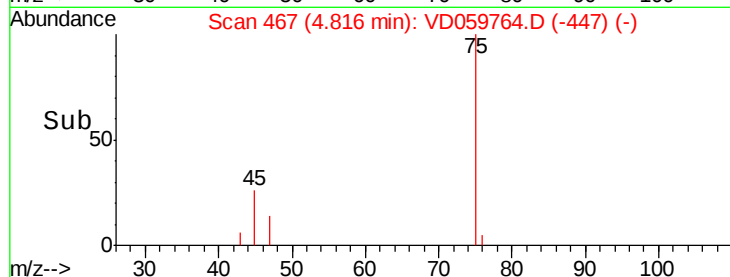
300

200

100

0

Time--> 4.75 4.80 4.85 4.90



#31

Cyclohexane

Concen: 2.48 ug/l

RT: 5.63 min Scan# 550

Delta R.T. 0.05 min

Lab File: VD059764.D

Acq: 14 Aug 2018 13:47

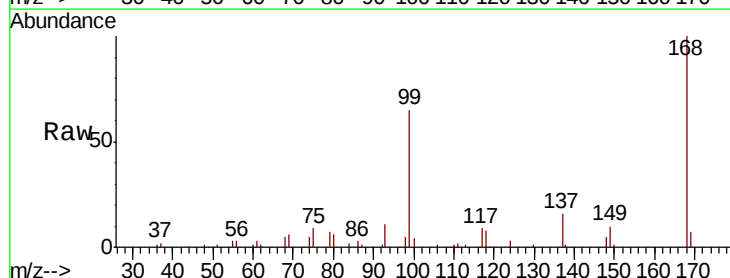
Tgt Ion: 56 Resp: 6138

Ion Ratio Lower Upper

56 100

69 203.5 29.3 43.9#

84 84.2 76.2 114.2



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

6000

5000

4000

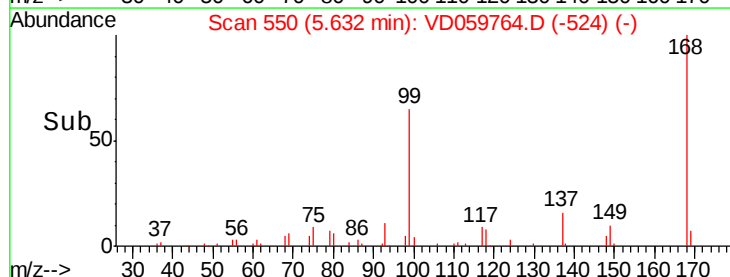
3000

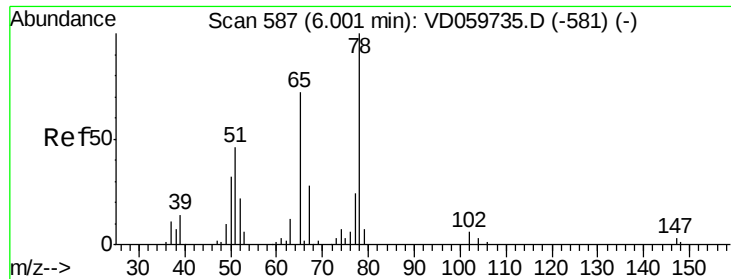
2000

1000

0

Time--> 5.55 5.60 5.65 5.70

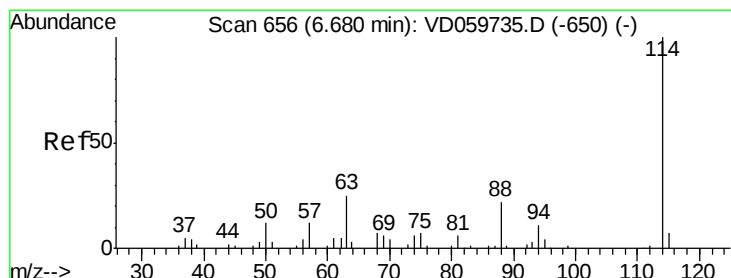
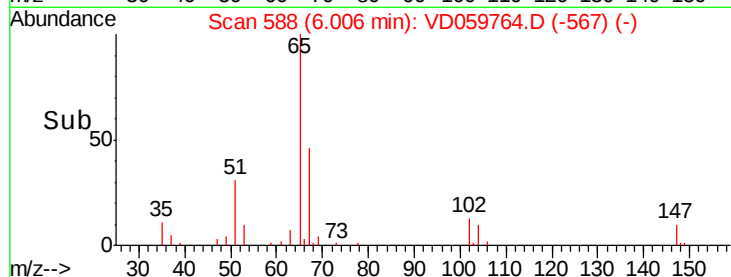
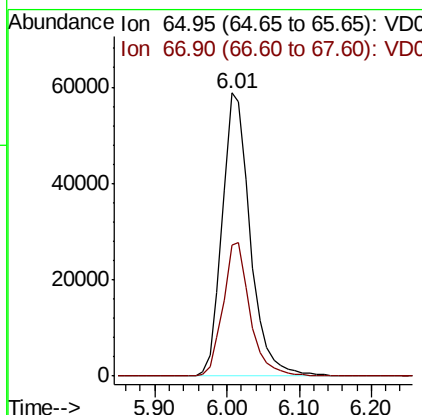
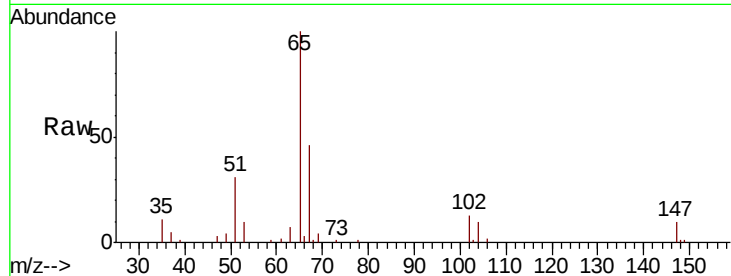




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: VD059764.D
 Acq: 14 Aug 2018 13:47

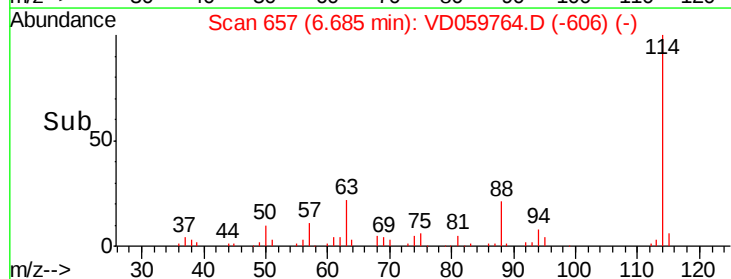
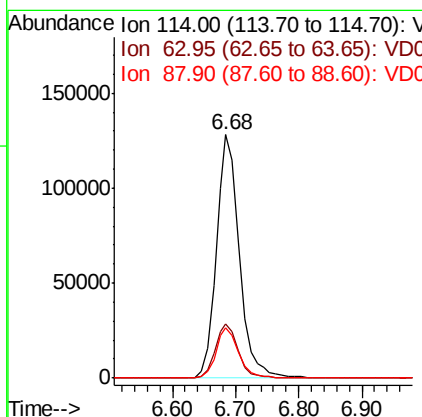
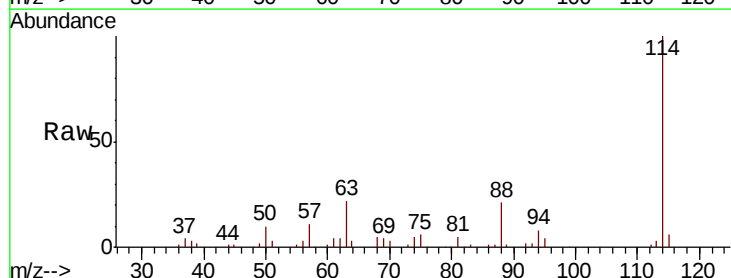
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBL01

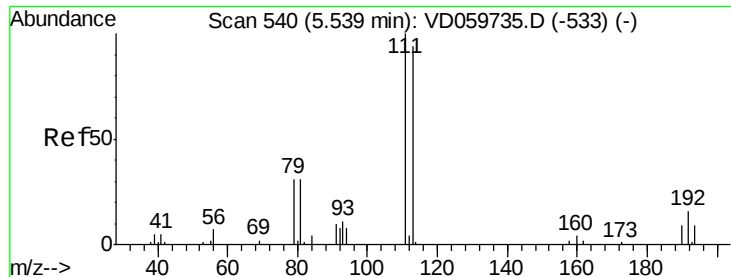
Tot Ion: 65 Resp: 158156
 Ion Ratio Lower Upper
 65 100
 67 46.4 0.0 77.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VD059764.D
 Acq: 14 Aug 2018 13:47

Tgt Ion: 114 Resp: 325684
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 50.6
 88 20.7 0.0 43.4

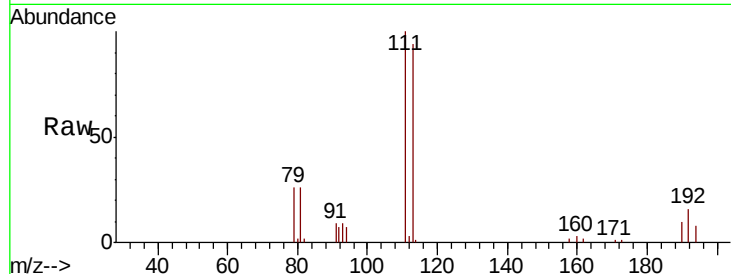




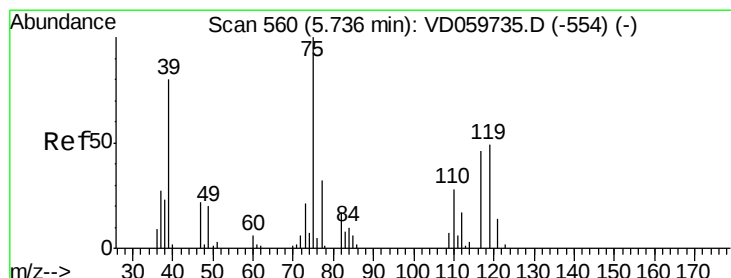
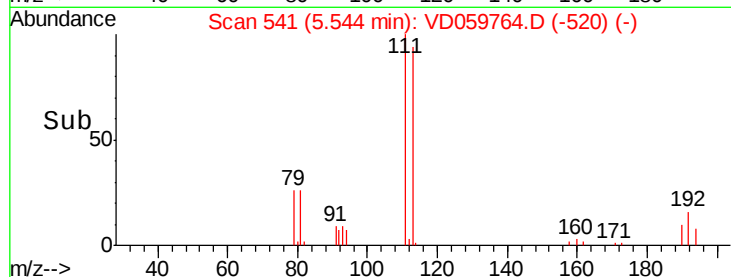
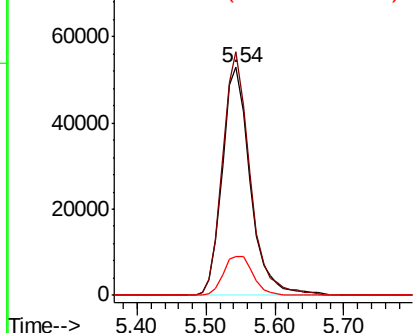
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.54 min Scan# 541
Delta R.T. 0.00 min
Lab File: VD059764.D
Acq: 14 Aug 2018 13:47

Instrument :
MSVOA_D
ClientSampleId :
VD0814SBL01

Tot Ion	Ratio	Lower	Upper
113	100		
111	106.8	85.3	127.9
192	17.0	13.9	20.9

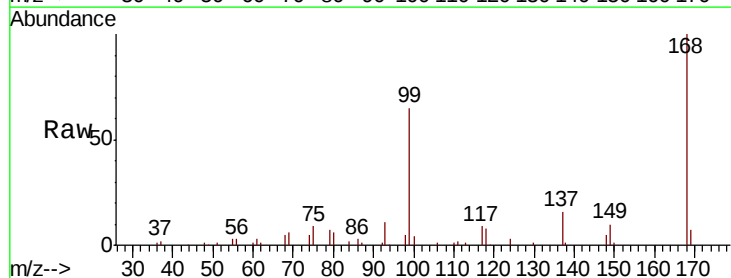


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

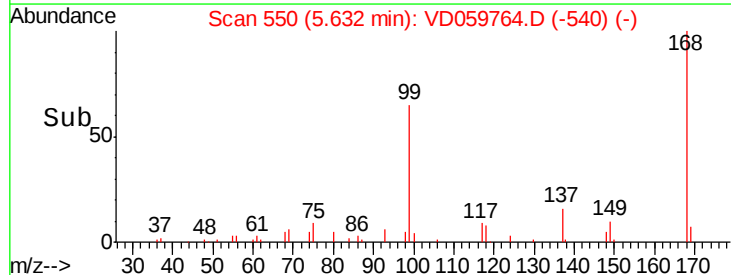
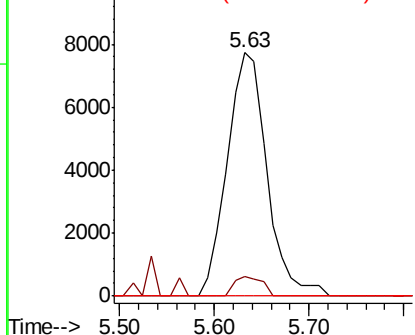


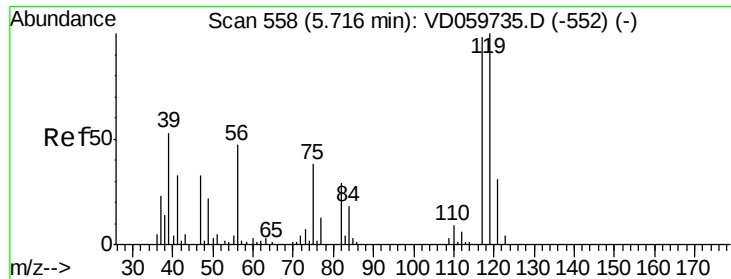
#36
1,1-Dichloropropene
Concen: 5.95 ug/l
RT: 5.63 min Scan# 550
Delta R.T. -0.10 min
Lab File: VD059764.D
Acq: 14 Aug 2018 13:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	13.7	41.0#
77	0.0	25.4	38.2#



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

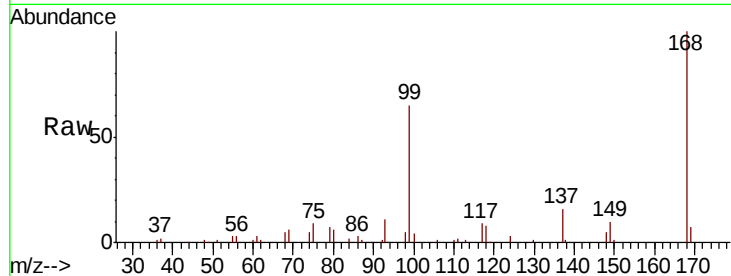




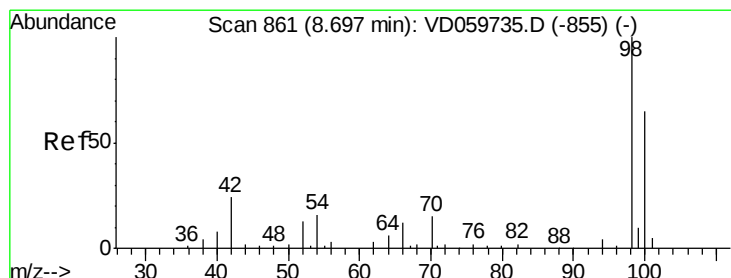
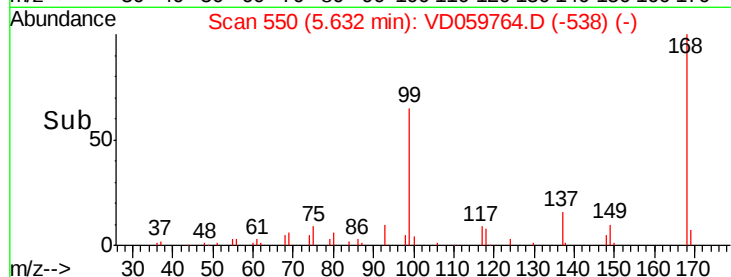
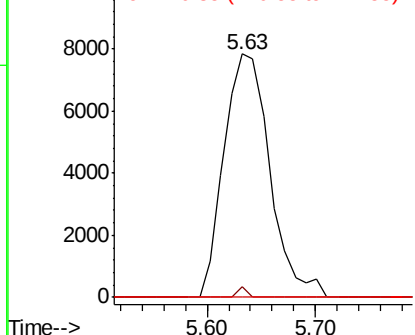
#38
Carbon Tetrachloride
Concen: 3.88 ug/l
RT: 5.63 min Scan# 550
Delta R.T. -0.08 min
Lab File: VD059764.D
Acq: 14 Aug 2018 13:47

Instrument :
MSVOA_D
ClientSampleId :
VD0814SBL01

Tot Ion:117 Resp: 23069
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 23.9 35.9#

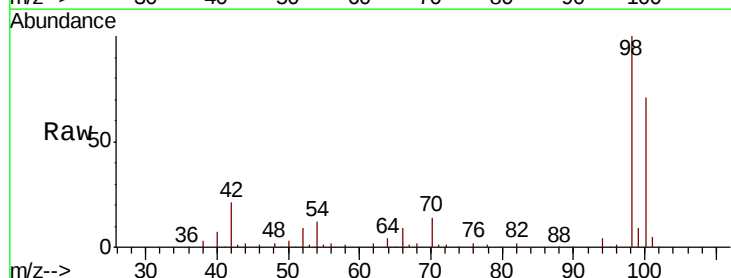


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

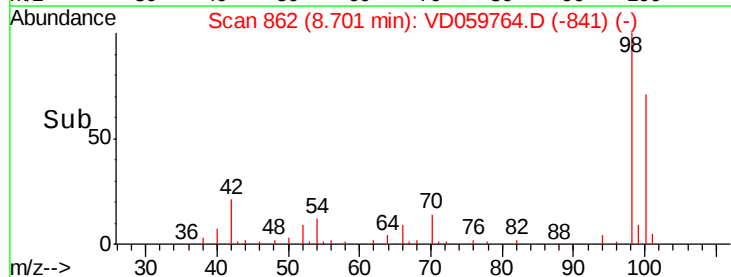
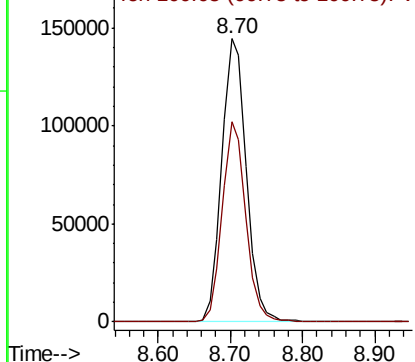


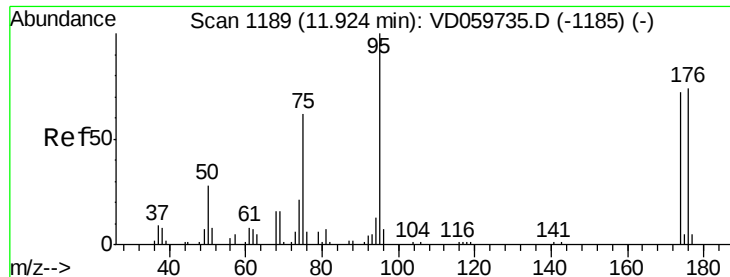
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.00 min
Lab File: VD059764.D
Acq: 14 Aug 2018 13:47

Tgt Ion: 98 Resp: 339774
Ion Ratio Lower Upper
98 100
100 70.7 52.2 78.2



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.00 min

Lab File: VD059764.D

Acq: 14 Aug 2018 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBL01

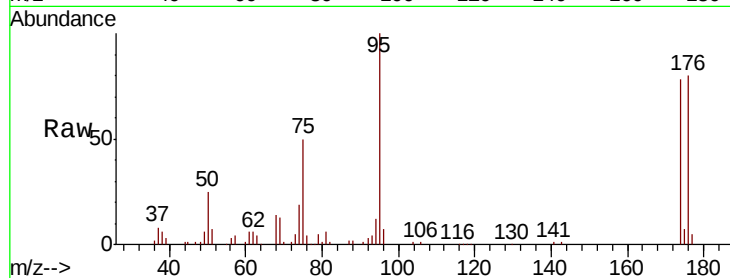
Tot Ion: 95 Resp: 149424

Ion Ratio Lower Upper

95 100

174 78.1 0.0 143.2

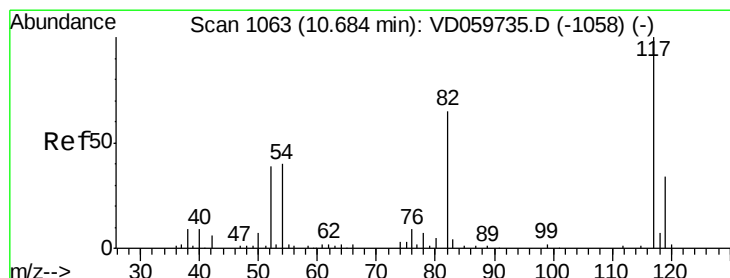
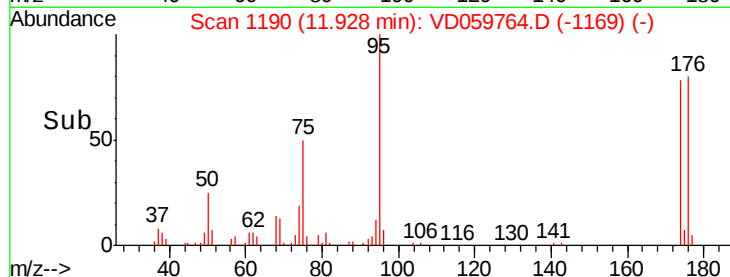
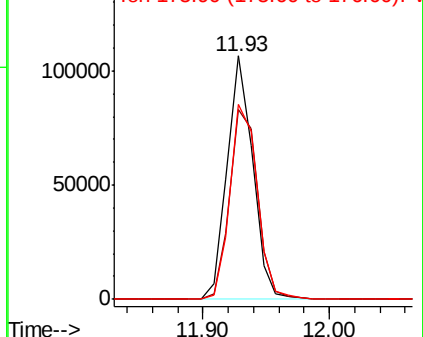
176 80.3 0.0 147.2



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: 50.00 ug/l

RT: 10.69 min Scan# 1064

Delta R.T. 0.00 min

Lab File: VD059764.D

Acq: 14 Aug 2018 13:47

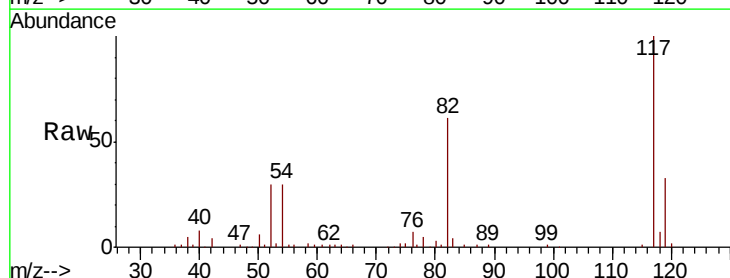
Tgt Ion: 117 Resp: 258813

Ion Ratio Lower Upper

117 100

82 60.5 51.9 77.9

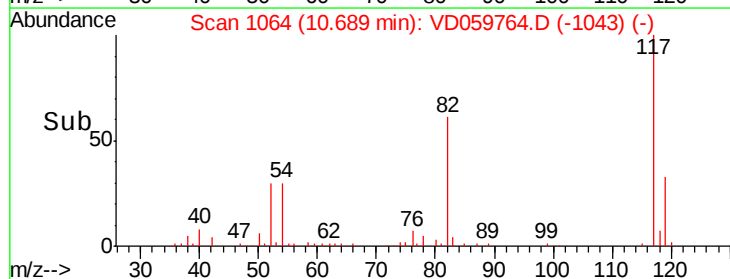
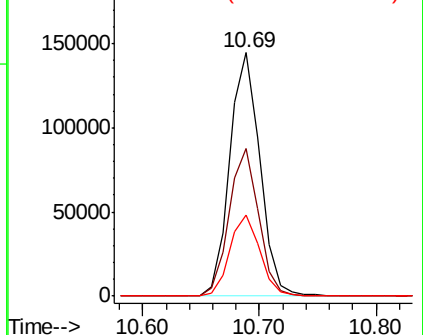
119 33.4 27.4 41.0

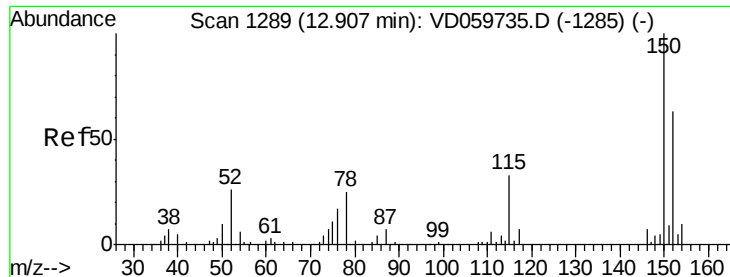


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1289

Delta R.T. -0.01 min

Lab File: VD059764.D

Acq: 14 Aug 2018 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBL01

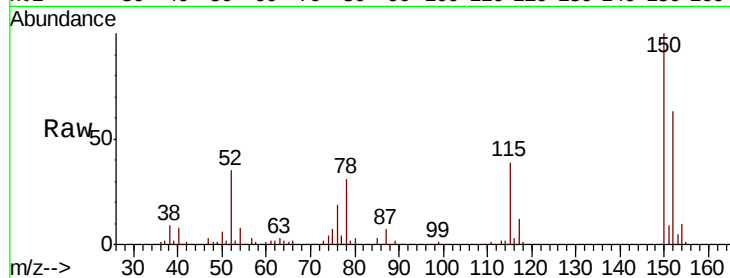
Tot Ion:152 Resp: 139970

Ion Ratio Lower Upper

152 100

115 61.5 29.8 89.3

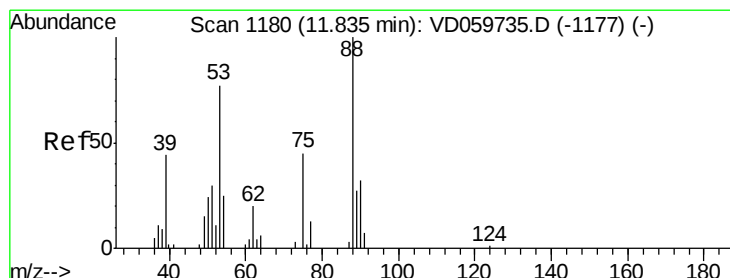
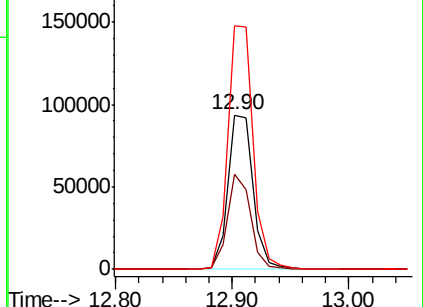
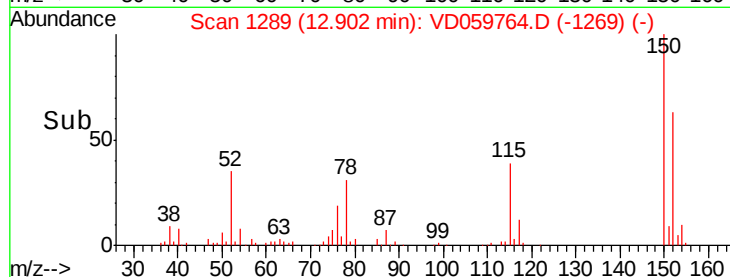
150 158.0 0.0 320.4



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: 159.82 ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.09 min

Lab File: VD059764.D

Acq: 14 Aug 2018 13:47

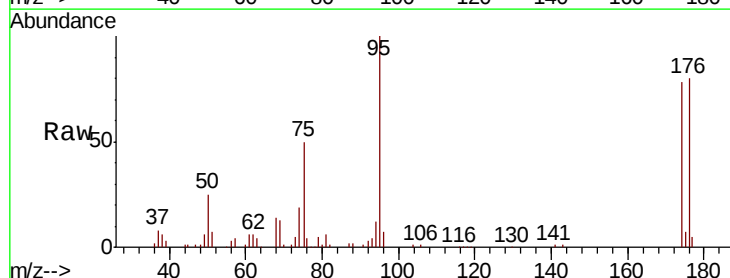
Tgt Ion: 75 Resp: 74535

Ion Ratio Lower Upper

75 100

53 0.0 137.5 206.3#

89 0.0 48.3 72.5#



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

