

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058322.D
 Acq On : 23 Jun 2018 5:13
 Operator : VA/AP
 Sample : J3622-08
 Misc : 5.13g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-B

Quant Time: Jun 25 00:54:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	368204	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	580251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	466344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	248821	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	305514	82.15	ug/l	0.02
Spiked Amount 50.000			Recovery =	164.30%		
35) Dibromofluoromethane	5.57	113	265404	56.20	ug/l	0.02
Spiked Amount 50.000			Recovery =	112.40%		
50) Toluene-d8	8.72	98	449967	39.38	ug/l	0.00
Spiked Amount 50.000			Recovery =	78.76%		
62) 4-Bromofluorobenzene	11.94	95	242580	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.94%		

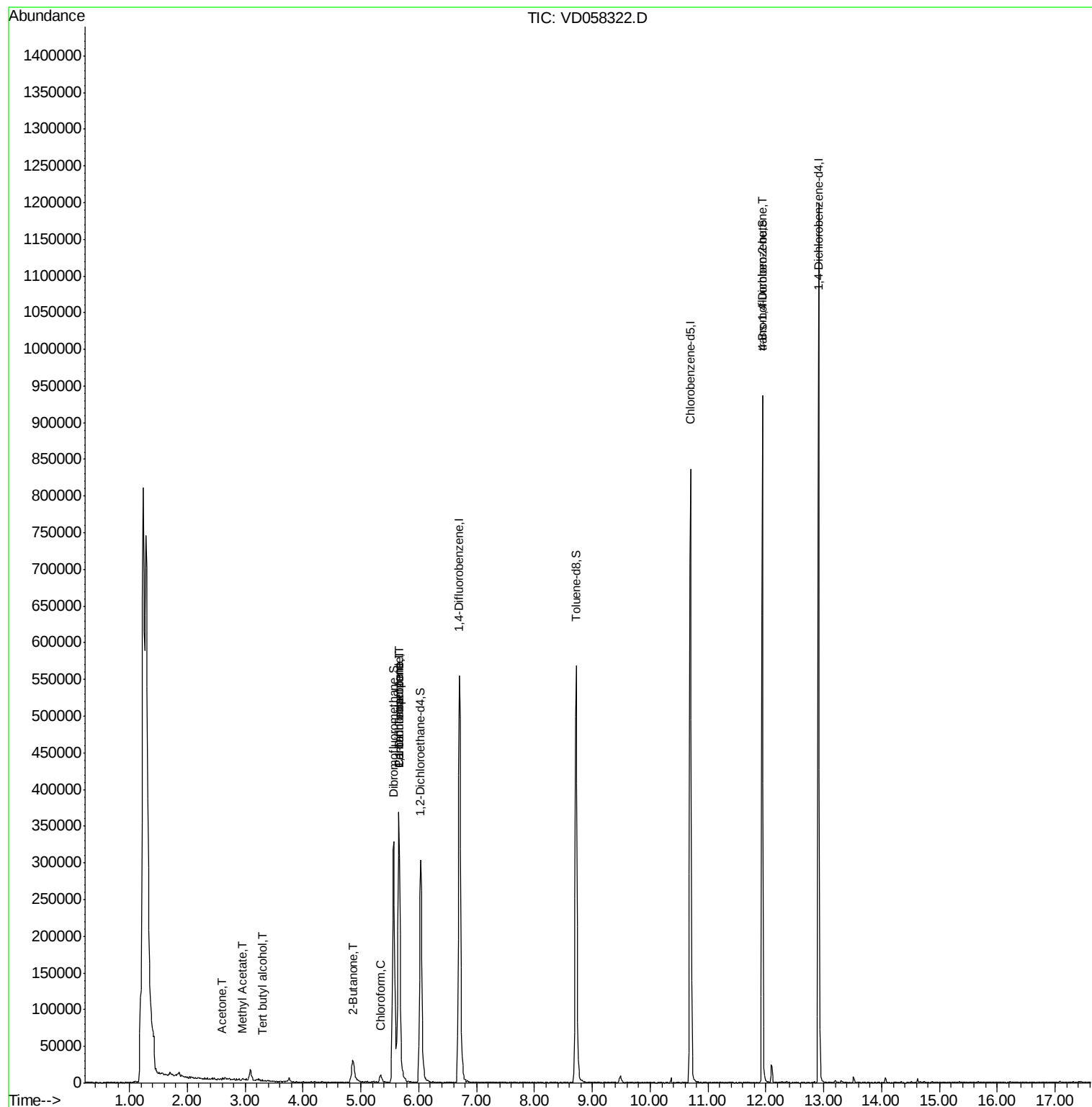
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.50	50	201	Below Cal	#	43
11) Tert butyl alcohol	3.28	59	432	3.522	ug/l #	78
16) Acetone	2.62	43	2732	5.371	ug/l #	62
18) Methyl Acetate	2.95	43	2380	2.194	ug/l #	65
25) 2-Butanone	4.85	43	1759	1.587	ug/l #	60
30) Chloroform	5.34	83	10699	1.609	ug/l #	76
31) Cyclohexane	5.66	56	7900	Below Cal	#	1
36) 1,1-Dichloropropene	5.66	75	32561	5.672	ug/l #	50
38) Carbon Tetrachloride	5.66	117	30363	5.324	ug/l #	16
81) trans-1,4-Dichloro-2-buten	11.94	75	121698	137.352	ug/l #	1
82) 4-Chlorotoluene	12.32	91	936	Below Cal	#	45

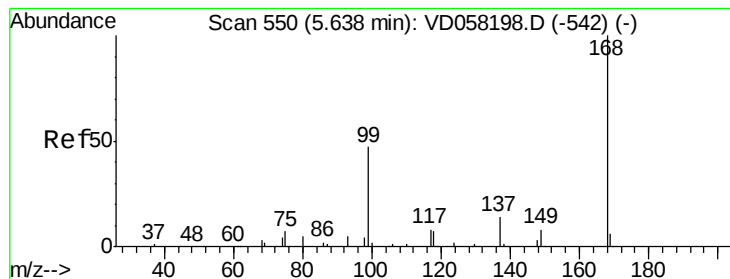
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062218\
Data File : VD058322.D
Acq On : 23 Jun 2018 5:13
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Quant Time: Jun 25 00:54:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 552

Delta R.T. 0.02 min

Lab File: VD058322.D

Acq: 23 Jun 2018 5:13

Instrument :

MSVOA_D

ClientSampled :

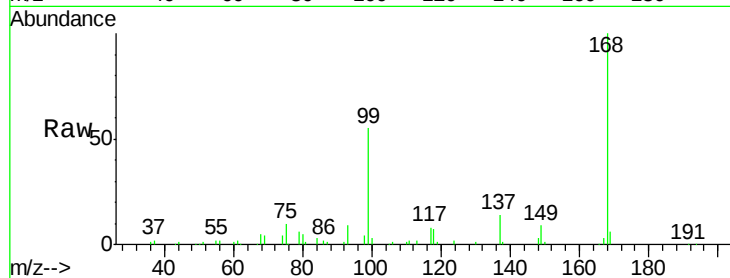
SP-B

Tot Ion:168 Resp: 368204

Ion Ratio Lower Upper

168 100

99 55.2 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.66

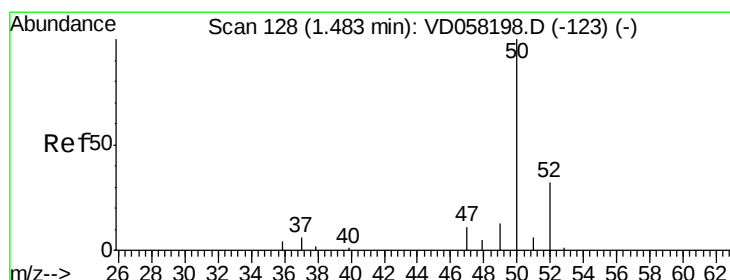
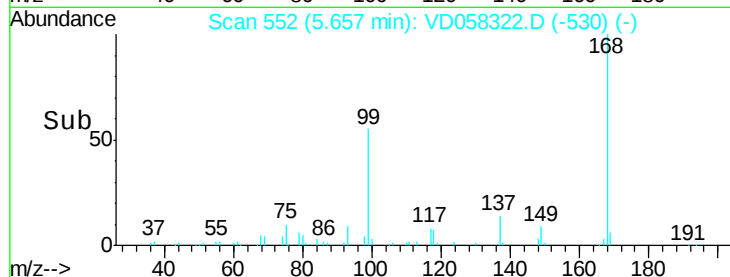
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.50 min Scan# 130

Delta R.T. 0.02 min

Lab File: VD058322.D

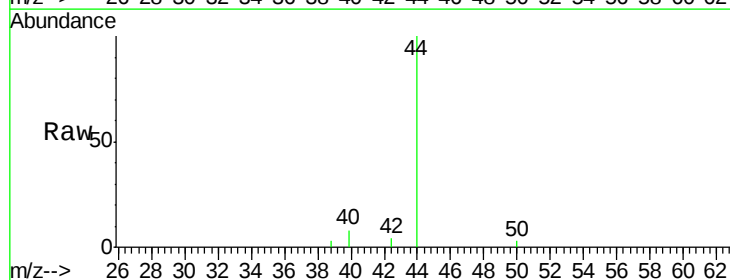
Acq: 23 Jun 2018 5:13

Tgt Ion: 50 Resp: 201

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

1.50

400

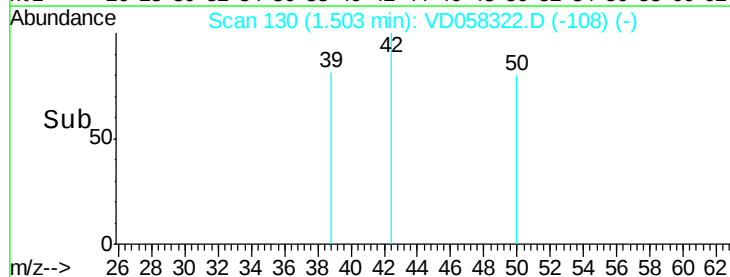
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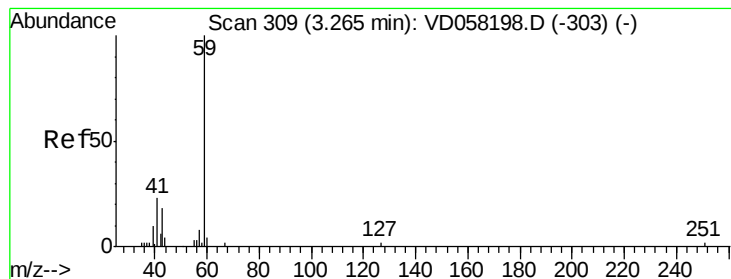
200

100

0

Time-->



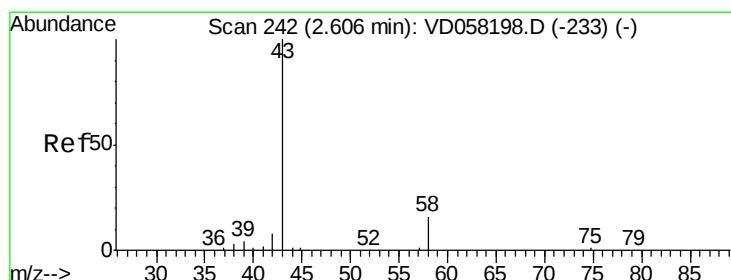
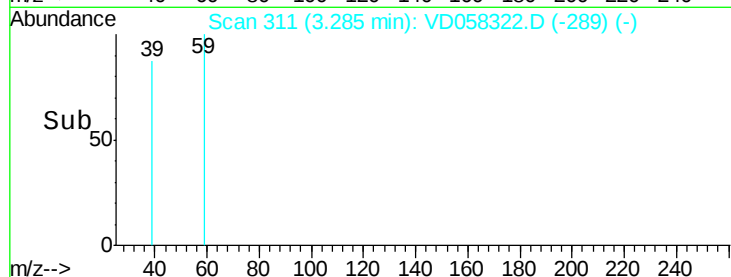
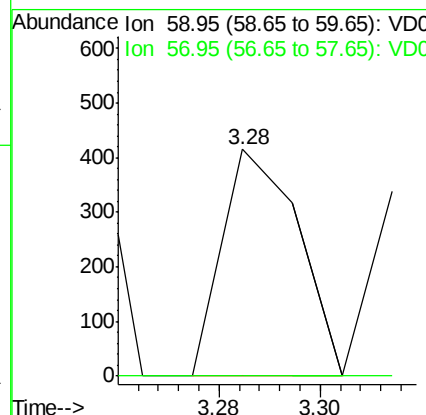
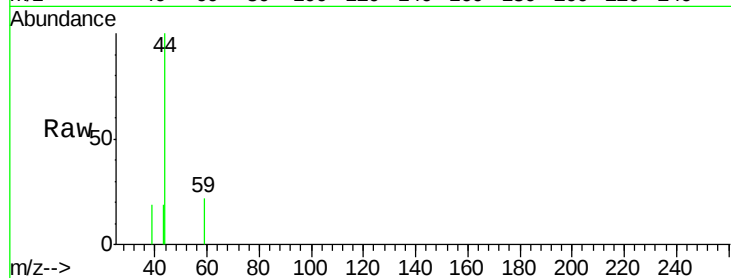


#11

Tert butyl alcohol
Concen: 3.522 ug/l
RT: 3.28 min Scan# 311
Delta R.T. 0.02 min
Lab File: VD058322.D
Acq: 23 Jun 2018 5:13

Instrument :
MSVOA_D
ClientSampled :
SP-B

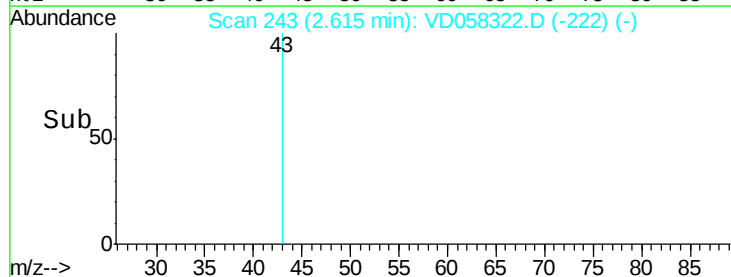
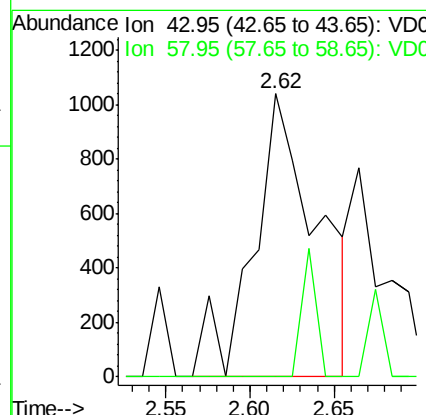
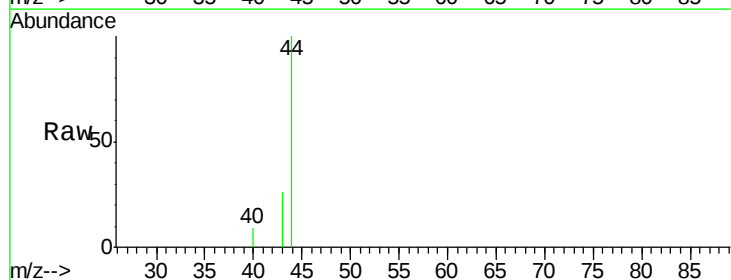
Tot Ion: 59 Resp: 432
Ion Ratio Lower Upper
59 100
57 0.0 6.2 9.4#

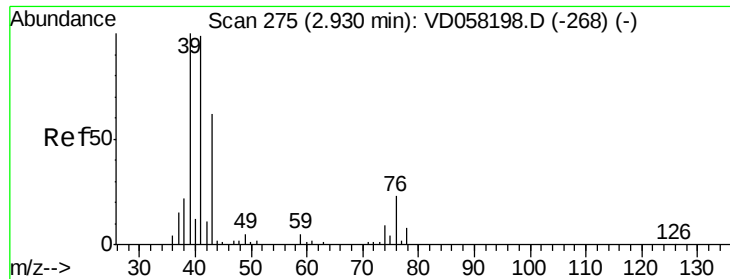


#16

Acetone
Concen: 5.371 ug/l
RT: 2.62 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD058322.D
Acq: 23 Jun 2018 5:13

Tgt Ion: 43 Resp: 2732
Ion Ratio Lower Upper
43 100
58 0.0 12.7 19.1#

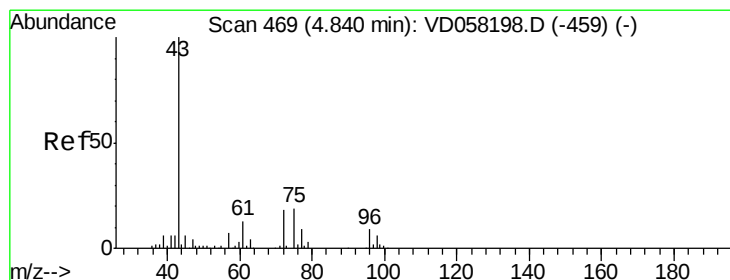
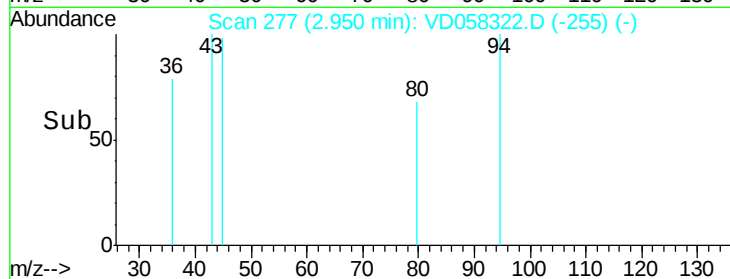
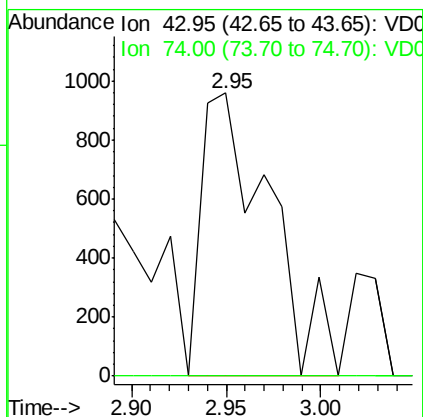
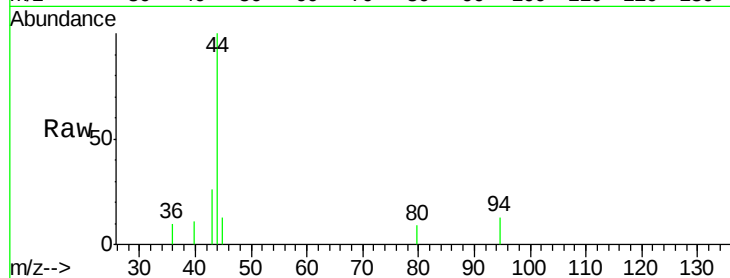




#18
Methyl Acetate
Concen: 2.194 ug/l
RT: 2.95 min Scan# 277
Delta R.T. 0.02 min
Lab File: VD058322.D
Acq: 23 Jun 2018 5:13

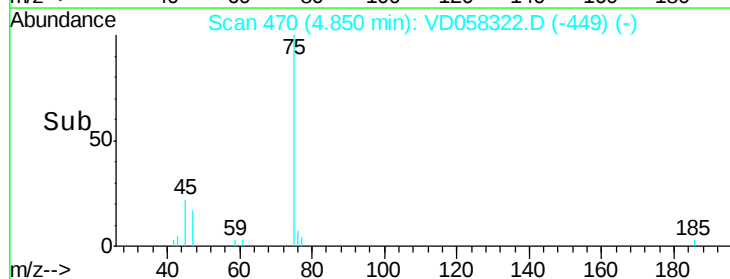
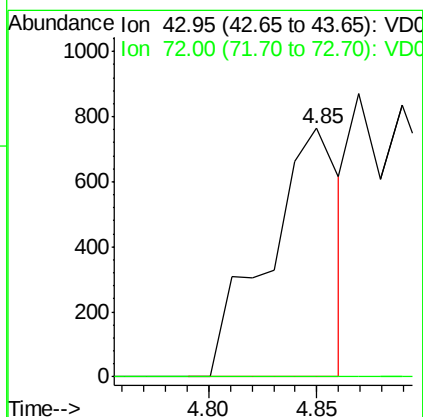
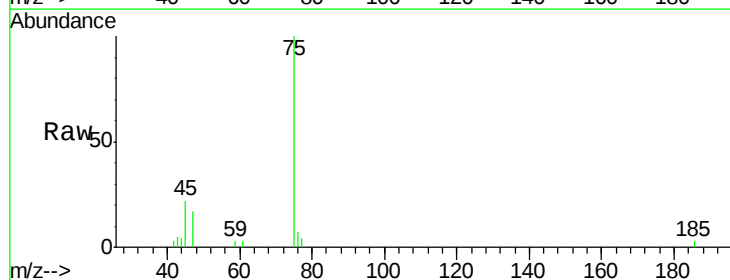
Instrument :
MSVOA_D
ClientSampleID :
SP-B

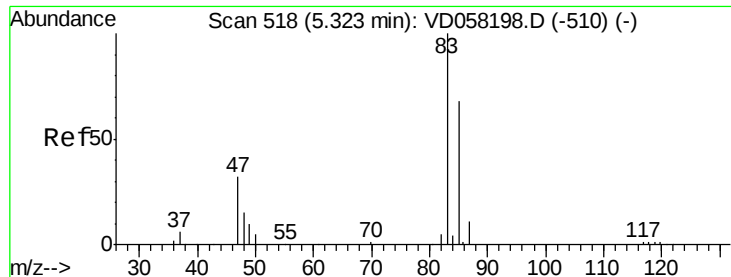
Tot Ion: 43 Resp: 2380
Ion Ratio Lower Upper
43 100
74 0.0 11.7 17.5#



#25
2-Butanone
Concen: 1.587 ug/l
RT: 4.85 min Scan# 470
Delta R.T. 0.01 min
Lab File: VD058322.D
Acq: 23 Jun 2018 5:13

Tgt Ion: 43 Resp: 1759
Ion Ratio Lower Upper
43 100
72 0.0 14.1 21.1#

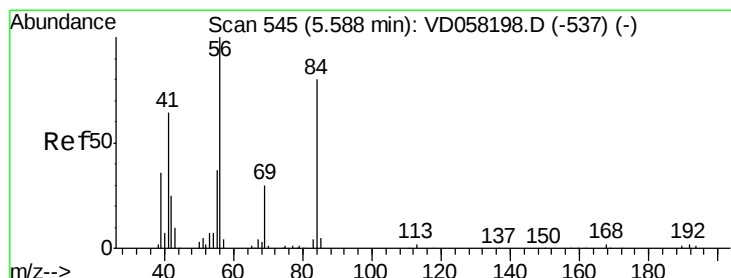
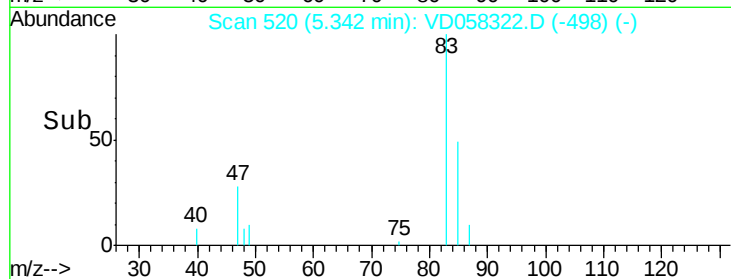
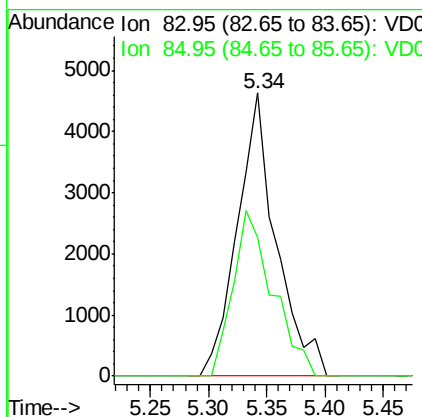
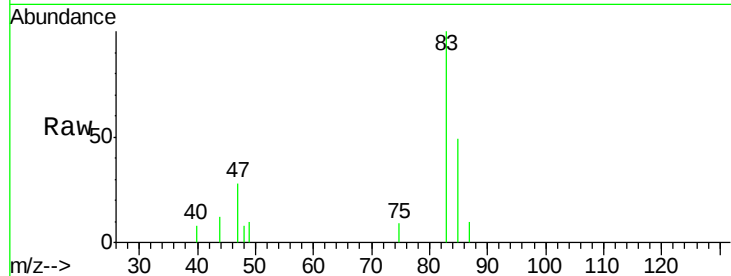




#30
Chloroform
Concen: 1.609 ug/l
RT: 5.34 min Scan# 520
Delta R.T. 0.02 min
Lab File: VD058322.D
Acq: 23 Jun 2018 5:13

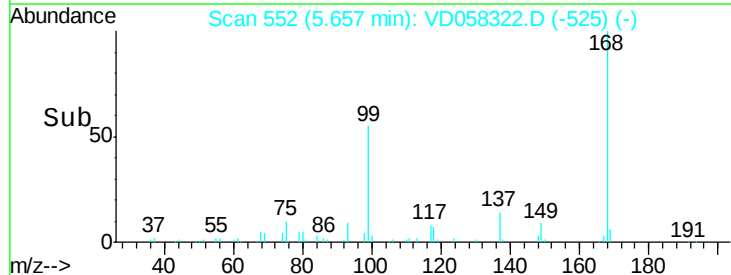
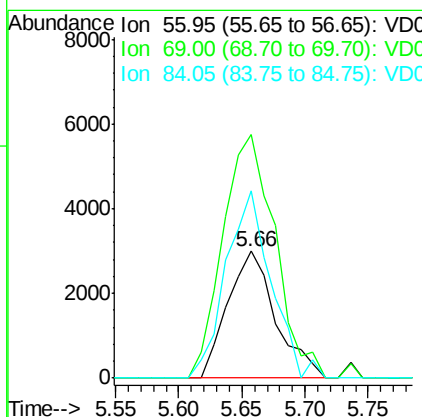
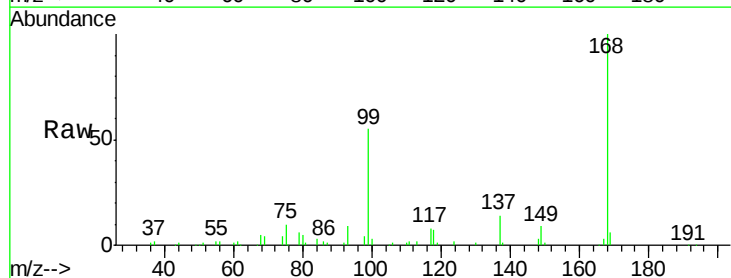
Instrument :
MSVOA_D
ClientSampled :
SP-B

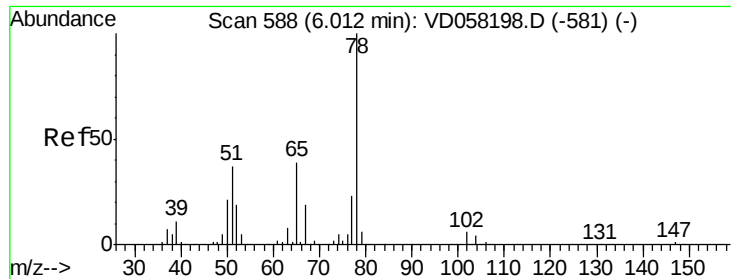
Tot Ion: 83 Resp: 10699
Ion Ratio Lower Upper
83 100
85 49.2 54.8 82.2#



#31
Cyclohexane
Concen: Below Cal
RT: 5.66 min Scan# 552
Delta R.T. 0.07 min
Lab File: VD058322.D
Acq: 23 Jun 2018 5:13

Tgt Ion: 56 Resp: 7900
Ion Ratio Lower Upper
56 100
69 192.0 23.6 35.4#
84 147.6 65.2 97.8#

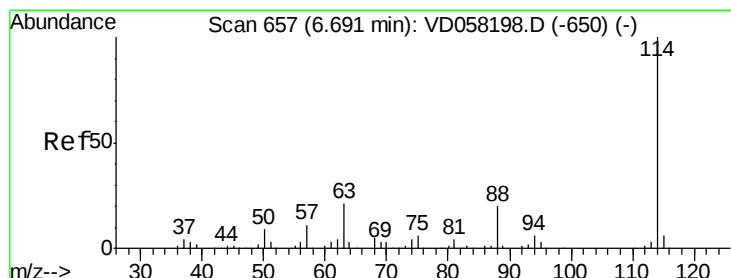
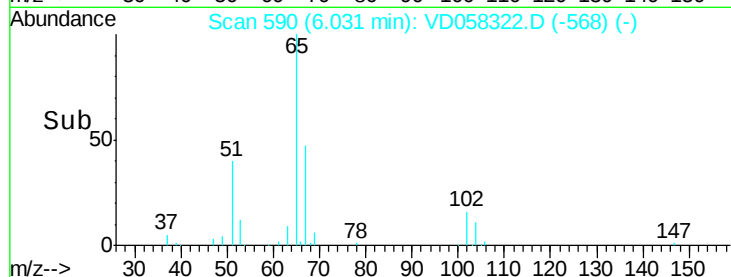
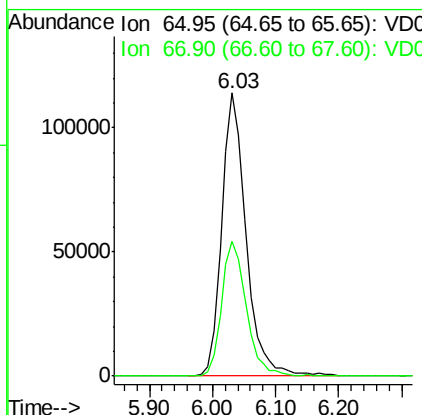
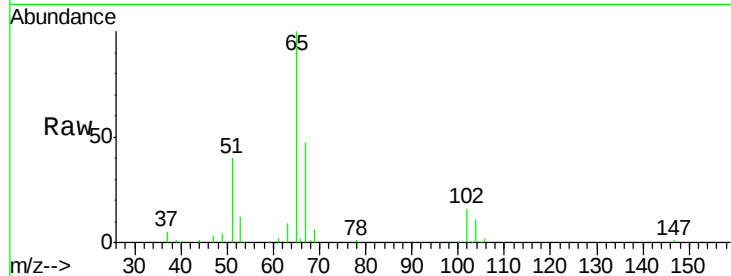




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.03 min Scan# 590
 Delta R.T. 0.02 min
 Lab File: VD058322.D
 Acq: 23 Jun 2018 5:13

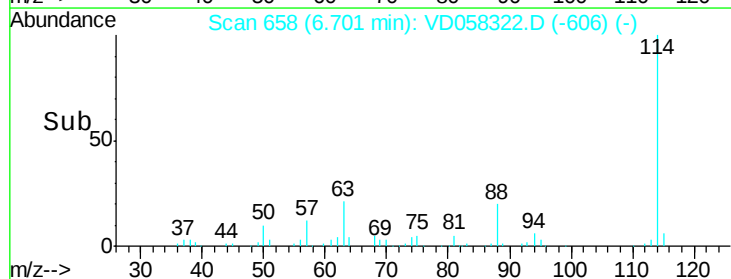
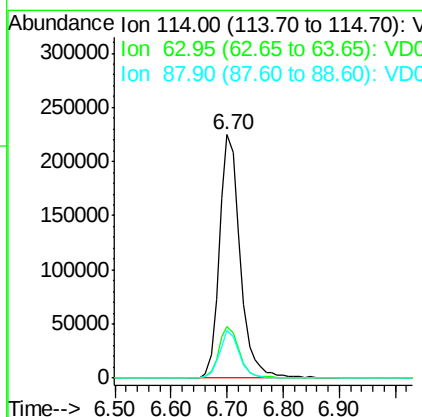
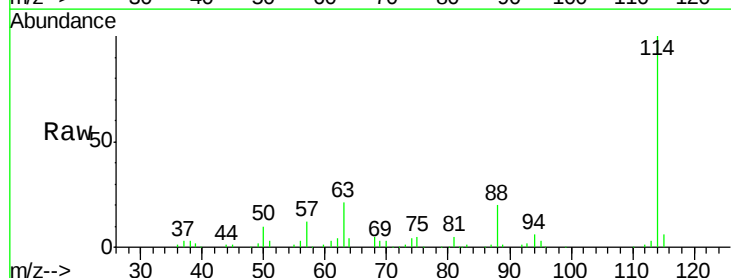
Instrument :
 MSVOA_D
 ClientSampled :
 SP-B

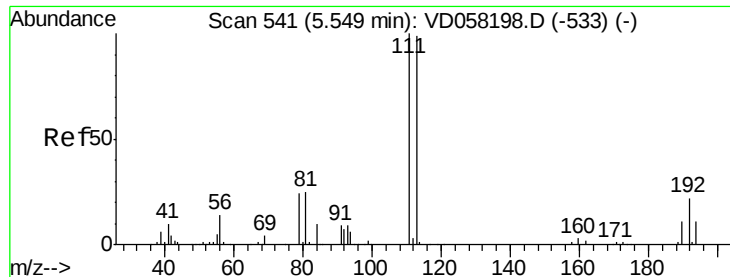
Tot Ion: 65 Resp: 305514
 Ion Ratio Lower Upper
 65 100
 67 47.5 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058322.D
 Acq: 23 Jun 2018 5:13

Tgt Ion: 114 Resp: 580251
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.6
 88 19.5 0.0 40.6

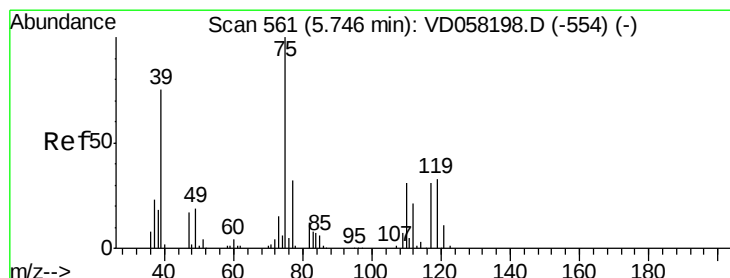
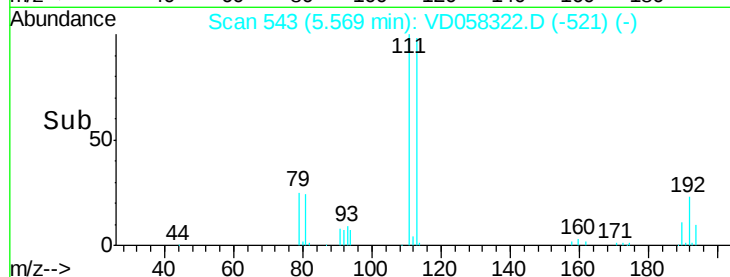
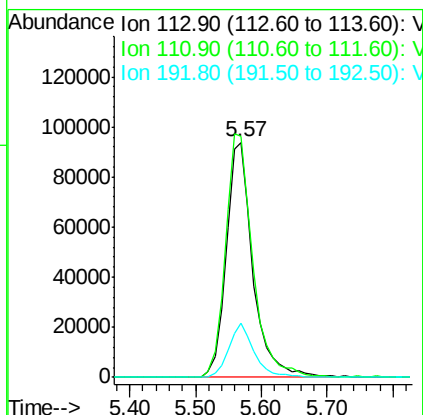
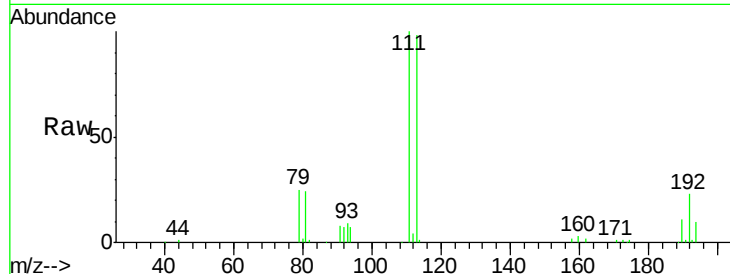




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.57 min Scan# 543
 Delta R.T. 0.02 min
 Lab File: VD058322.D
 Acq: 23 Jun 2018 5:13

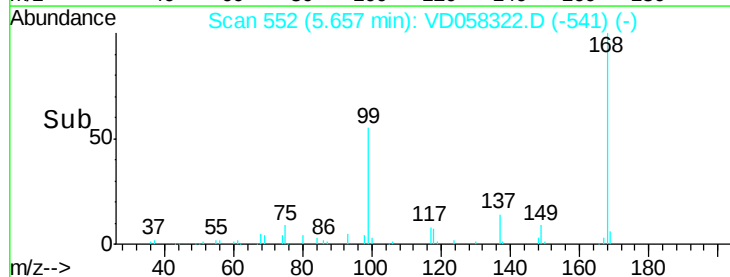
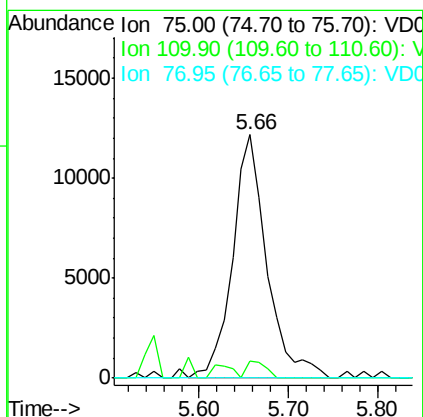
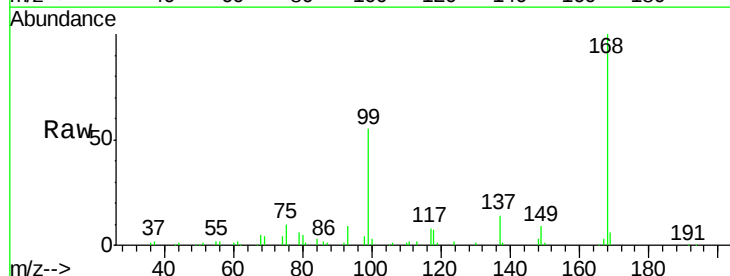
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 MSVOA_D
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 SP-B

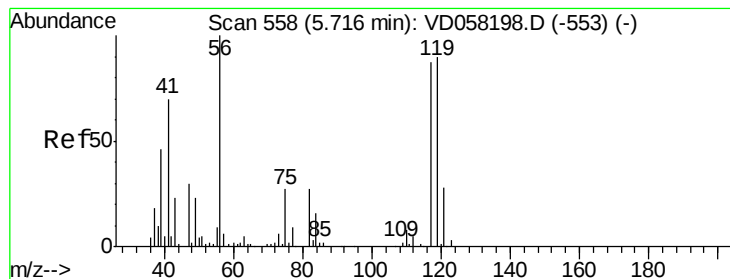
Tot Ion:113 Resp: 265404
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.6 121.0
 192 23.2 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 5.672 ug/l
 RT: 5.66 min Scan# 552
 Delta R.T. -0.09 min
 Lab File: VD058322.D
 Acq: 23 Jun 2018 5:13

Tgt Ion: 75 Resp: 32561
 Ion Ratio Lower Upper
 75 100
 110 7.0 15.4 46.4#
 77 0.0 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 5.324 ug/l

RT: 5.66 min Scan# 552

Delta R.T. -0.06 min

Lab File: VD058322.D

Acq: 23 Jun 2018 5:13

Instrument :

MSVOA_D

ClientSampled :

SP-B

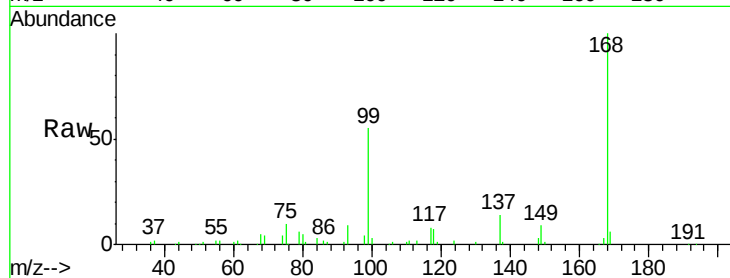
Tot Ion:117 Resp: 30363

Ion Ratio Lower Upper

117 100

119 7.0 78.8 118.2#

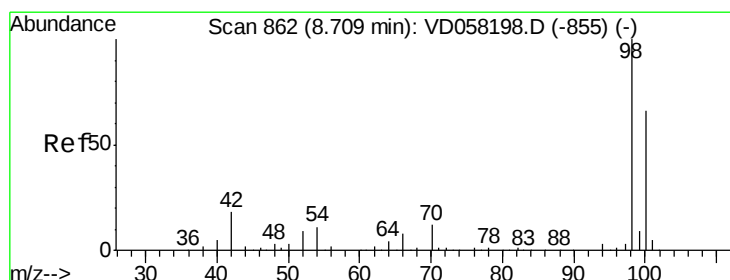
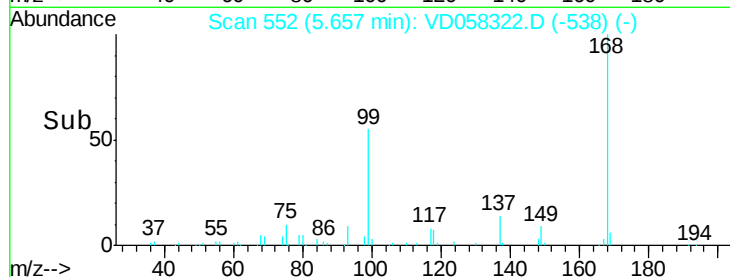
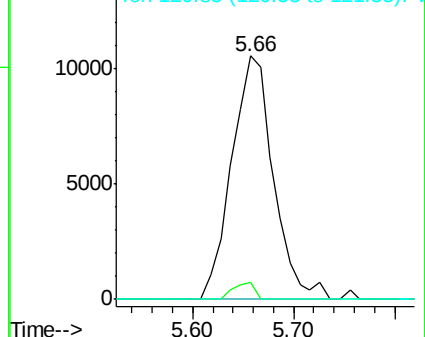
121 0.0 25.0 37.6#



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: 8.72 min Scan# 863

Delta R.T. 0.01 min

Lab File: VD058322.D

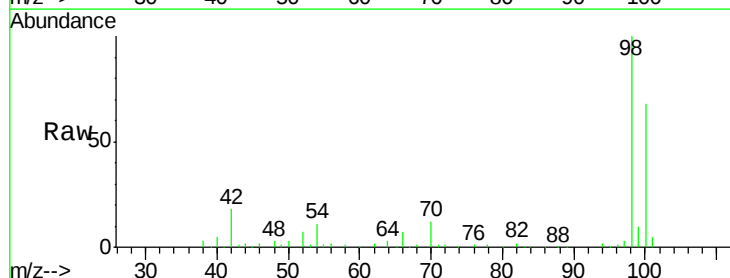
Acq: 23 Jun 2018 5:13

Tgt Ion: 98 Resp: 449967

Ion Ratio Lower Upper

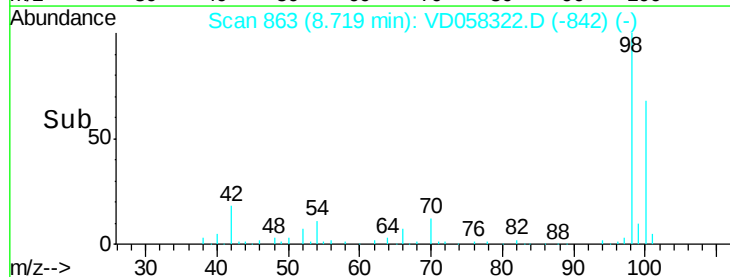
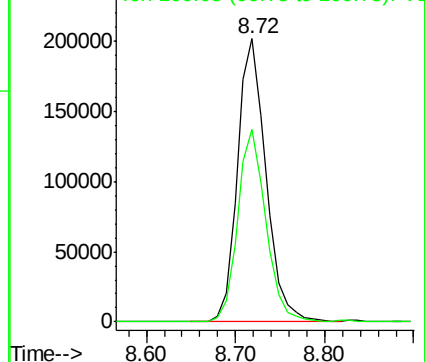
98 100

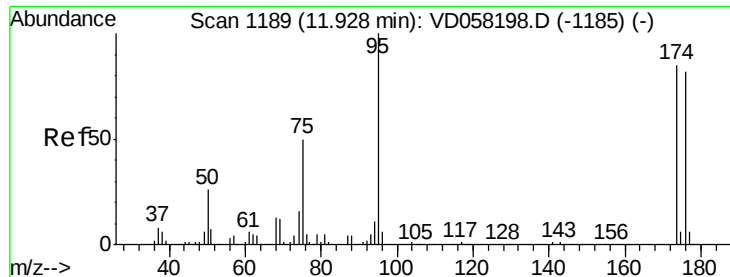
100 68.2 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058322.D

Acq: 23 Jun 2018 5:13

Instrument :

MSVOA_D

ClientSampled :

SP-B

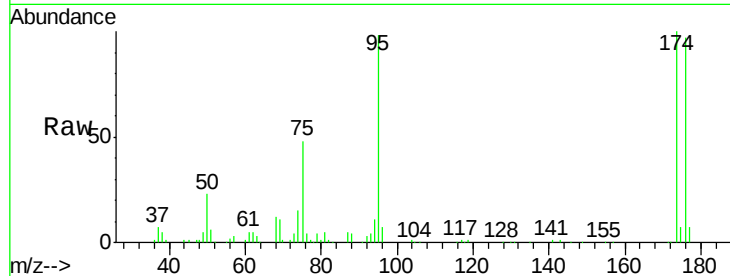
Tot Ion: 95 Resp: 242580

Ion Ratio Lower Upper

95 100

174 101.7 0.0 170.2

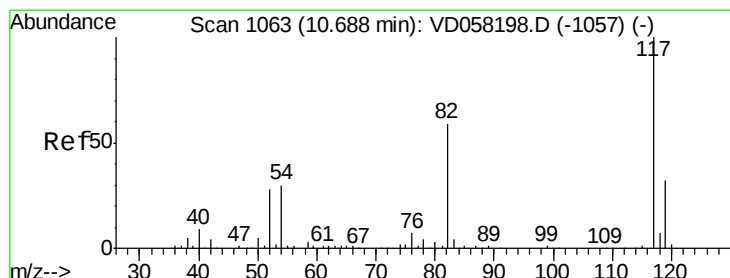
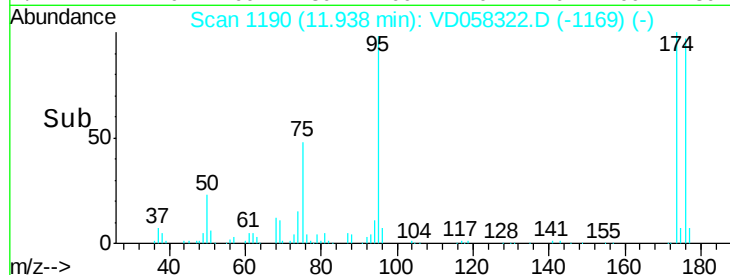
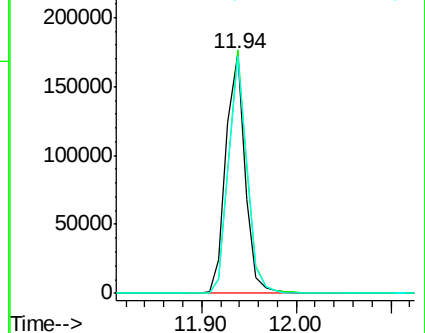
176 99.0 0.0 164.6



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. 0.01 min

Lab File: VD058322.D

Acq: 23 Jun 2018 5:13

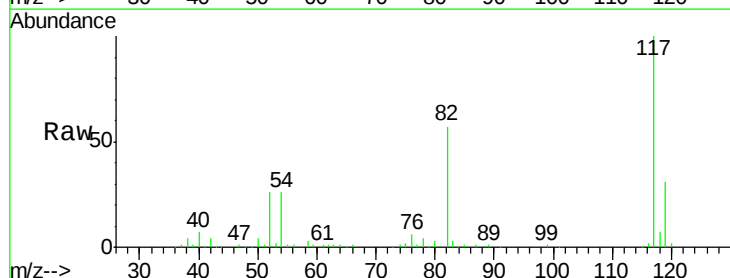
Tgt Ion: 117 Resp: 466344

Ion Ratio Lower Upper

117 100

82 57.4 47.0 70.6

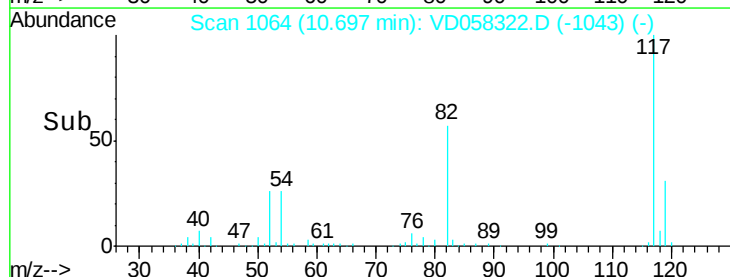
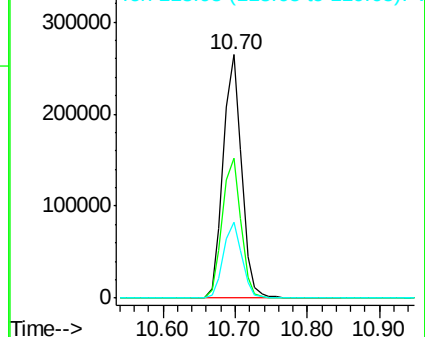
119 31.3 25.3 37.9

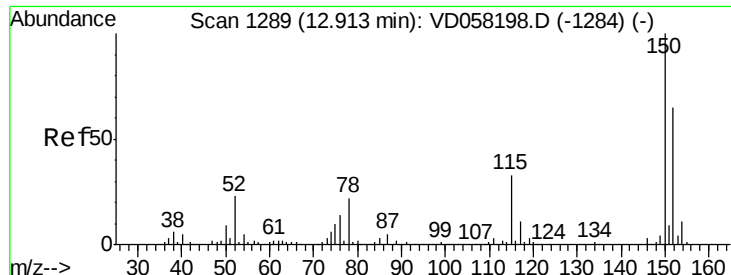


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD058322.D

Acq: 23 Jun 2018 5:13

Instrument :

MSVOA_D

ClientSampleId :

SP-B

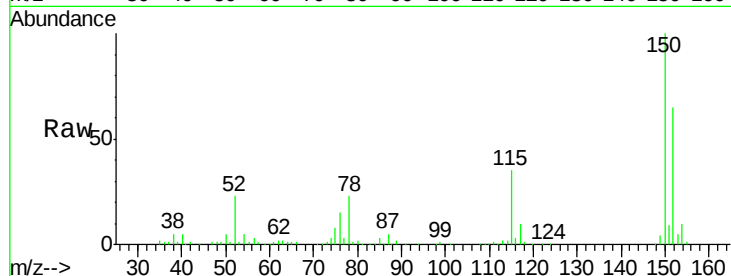
Tot Ion:152 Resp: 248821

Ion Ratio Lower Upper

152 100

115 53.2 25.1 75.3

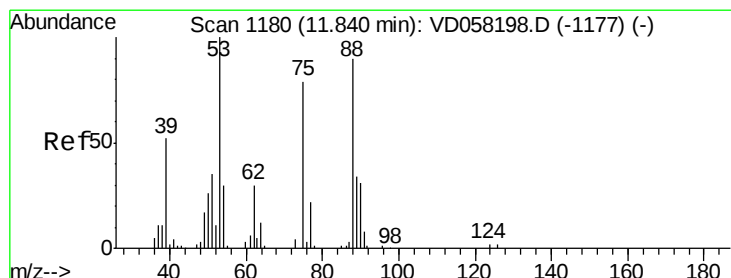
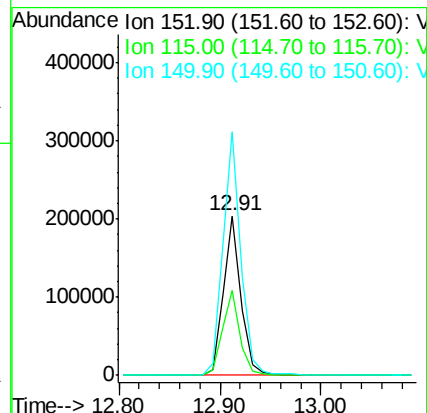
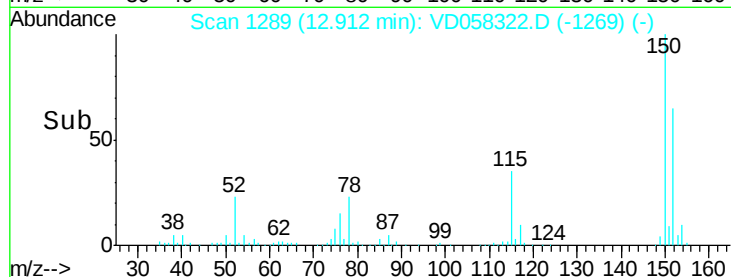
150 152.9 0.0 308.8



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: 137.352 ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.10 min

Lab File: VD058322.D

Acq: 23 Jun 2018 5:13

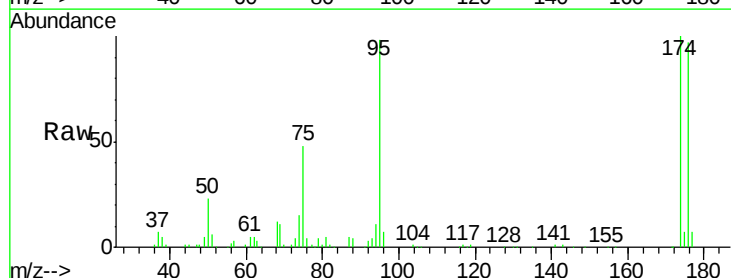
Tgt Ion: 75 Resp: 121698

Ion Ratio Lower Upper

75 100

53 0.0 100.8 151.2#

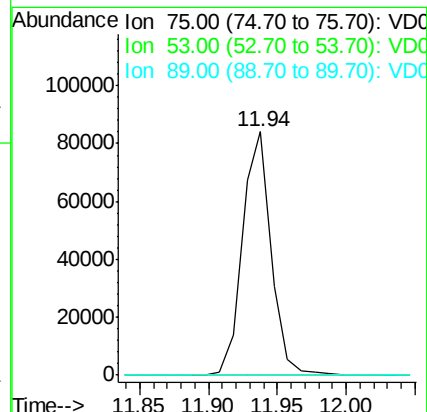
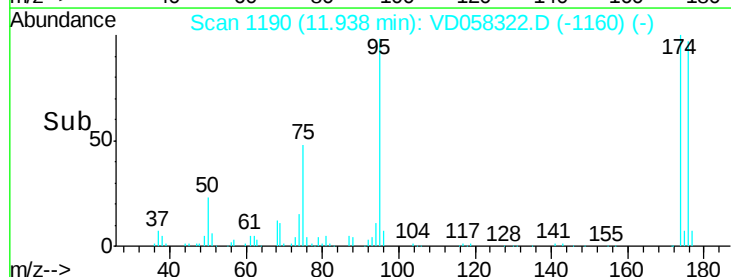
89 0.0 34.6 52.0#

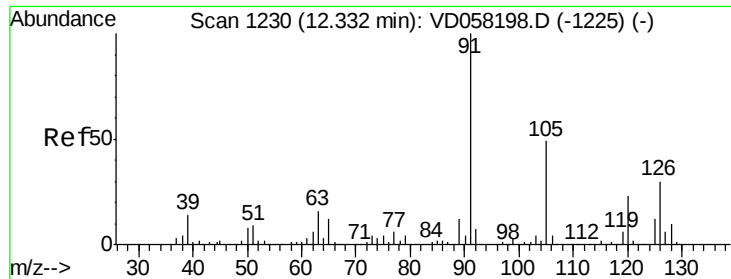


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 12.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VD058322.D
 Acq: 23 Jun 2018 5:13

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-B

Tot Ion: 91 Resp: 936
 Ion Ratio Lower Upper
 91 100
 126 0.0 14.9 44.9#

