

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091918\
 Data File : VN051327.D
 Acq On : 19 Sep 2018 18:31
 Operator : MD\SY
 Sample : PB112984ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 01:46:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	543286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	866855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	719113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	234932	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	315172	53.38	ug/l	0.00
Spiked Amount			Recovery	=	106.76%	
35) Dibromofluoromethane	7.59	113	323568	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
50) Toluene-d8	10.09	98	1142907	45.90	ug/l	0.00
Spiked Amount			Recovery	=	91.80%	
62) 4-Bromofluorobenzene	12.40	95	299530	37.82	ug/l	0.00
Spiked Amount			Recovery	=	75.64%	

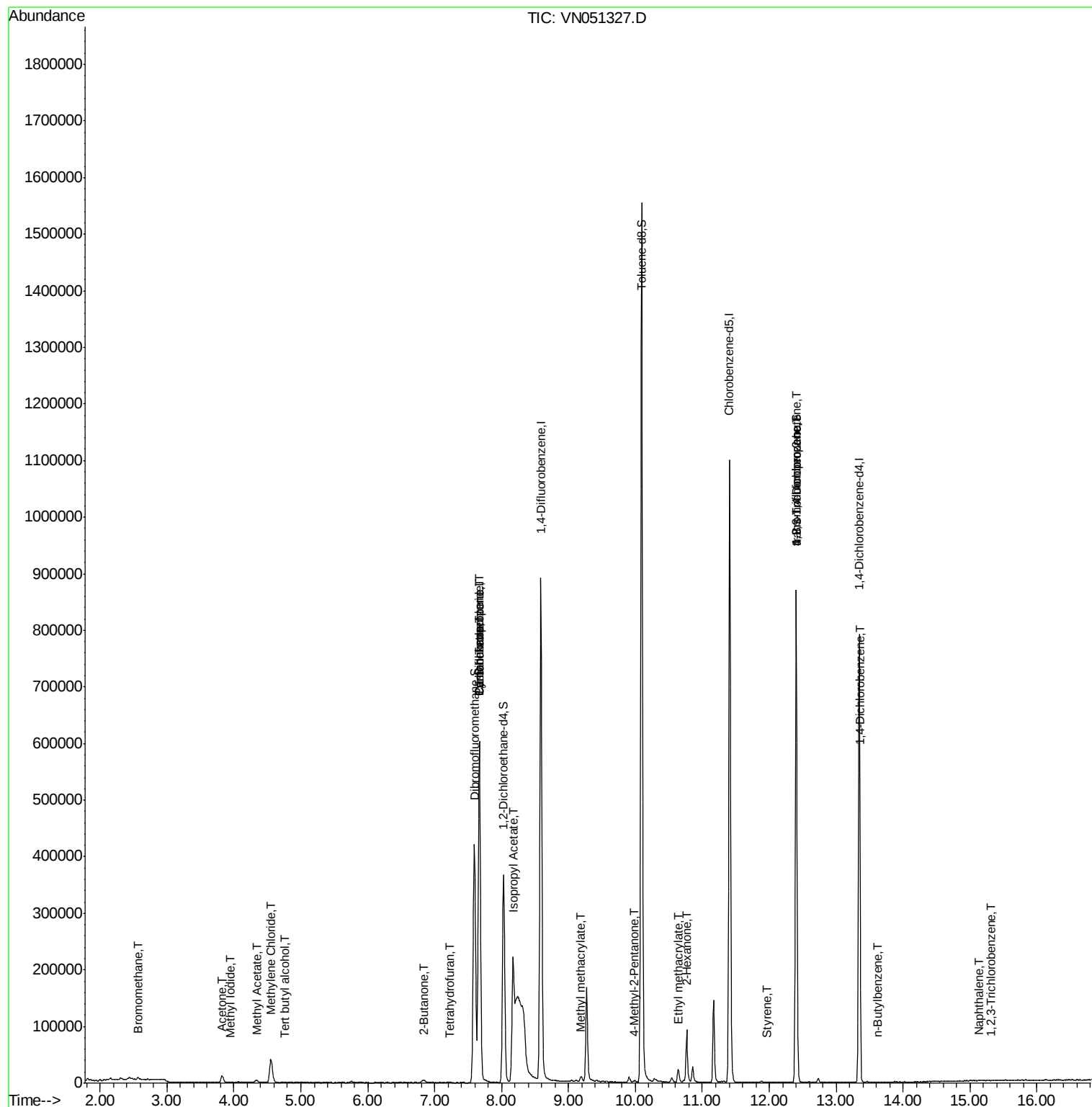
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	1701	Below Cal	#	82
5) Bromomethane	2.57	94	1969	0.99	ug/l	# 76
10) Methyl Iodide	3.96	142	410	6.17	ug/l	# 43
11) Tert butyl alcohol	4.75	59	127	0.39	ug/l	# 73
16) Acetone	3.82	43	20797	6.18	ug/l	100
17) Carbon Disulfide	4.05	76	885	Below Cal	#	75
18) Methyl Acetate	4.34	43	9573	1.67	ug/l	98
20) Methylene Chloride	4.56	84	32386	5.01	ug/l	96
25) 2-Butanone	6.85	43	4212	2.23	ug/l	96
29) Tetrahydrofuran	7.22	42	339	0.29	ug/l	# 67
31) Cyclohexane	7.66	56	8044	0.78	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	33407	3.56	ug/l	# 48
38) Carbon Tetrachloride	7.67	117	47363	4.84	ug/l	# 16
43) Isopropyl Acetate	8.17	43	266446	31.92	ug/l	# 91
48) Methyl methacrylate	9.18	41	5777	1.44	ug/l	# 15
51) 4-Methyl-2-Pentanone	9.99	43	2598	0.60	ug/l	# 81
56) Ethyl methacrylate	10.63	69	90	2.08	ug/l	# 29
59) 2-Hexanone	10.77	43	13118	4.63	ug/l	# 56
70) Styrene	11.97	104	240	1.26	ug/l	# 26
75) 1,1,2,2-Tetrachloroethane	12.42	83	67	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	139870	43.17	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	139870	132.23	ug/l	# 15
88) 1,4-Dichlorobenzene	13.36	146	211	0.44	ug/l	# 1
89) n-Butylbenzene	13.61	91	138	2.03	ug/l	# 34
91) 1,2-Dichlorobenzene	13.66	146	155	Below Cal	#	25
95) Naphthalene	15.13	128	227	5.95	ug/l	# 69
96) 1,2,3-Trichlorobenzene	15.32	180	29	3.87	ug/l	# 12

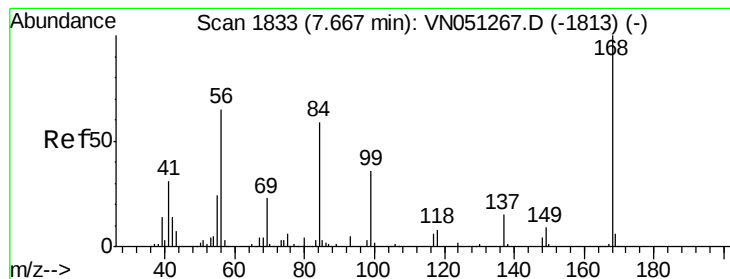
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 20 01:46:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 18 06:04:06 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

Instrument :

MSVOA_N

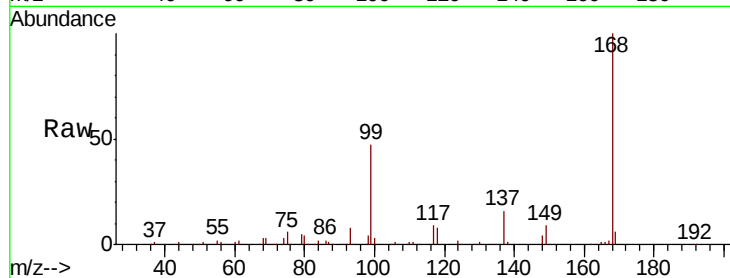
ClientSampled :

Tot Ion:168 Resp: 543286

Ion Ratio Lower Upper

168 100

99 47.3 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

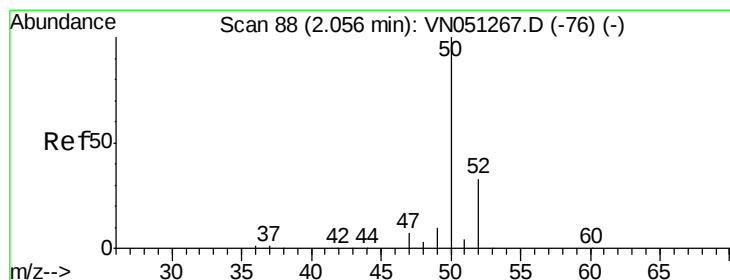
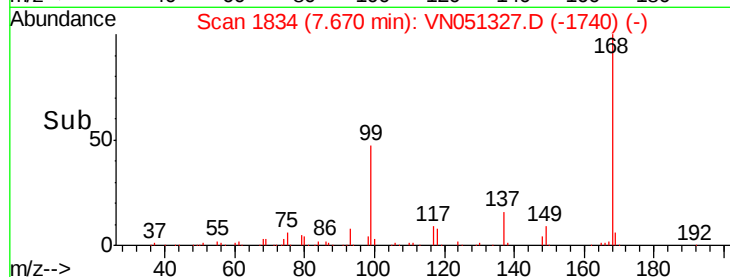
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051327.D

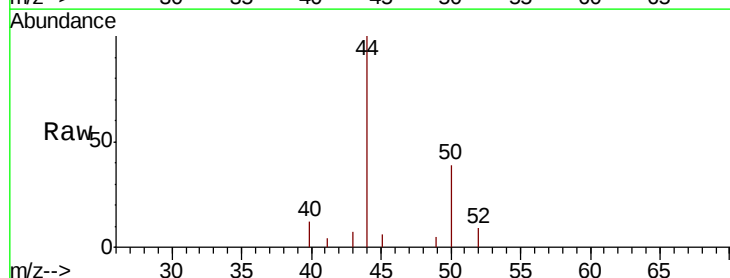
Acq: 19 Sep 2018 18:31

Tgt Ion: 50 Resp: 1701

Ion Ratio Lower Upper

50 100

52 23.1 26.6 40.0#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

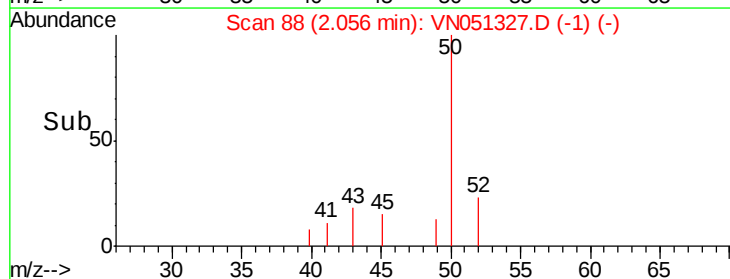
1500

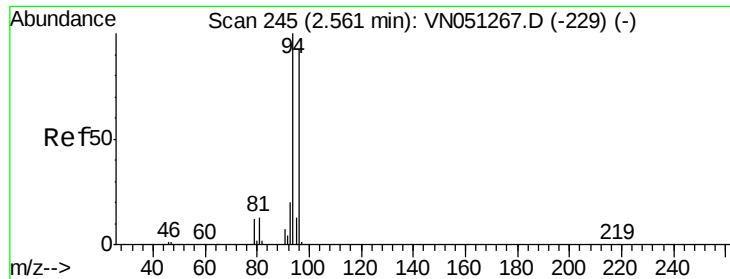
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.99 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

Instrument :

MSVOA_N

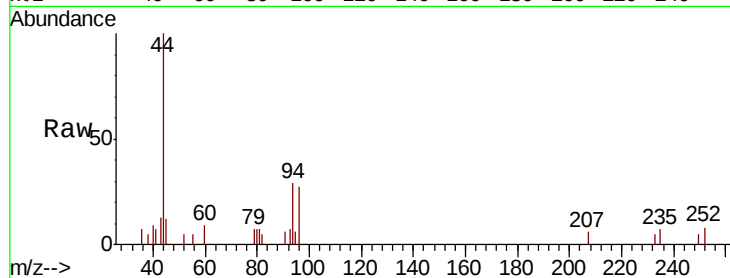
ClientSampled :

Tot Ion: 94 Resp: 1969

Ion Ratio Lower Upper

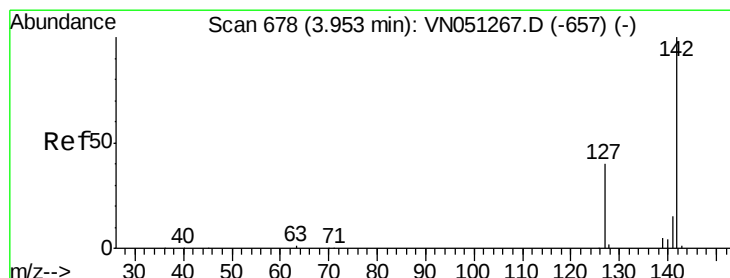
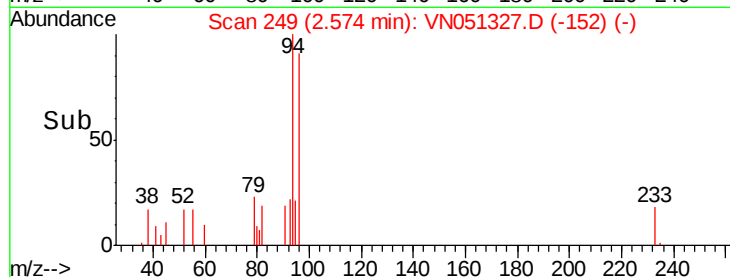
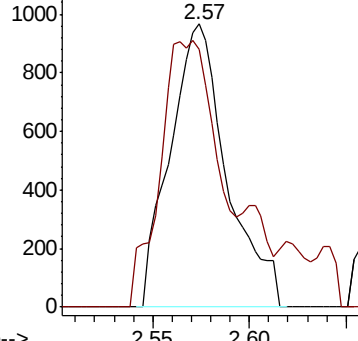
94 100

96 69.7 73.8 110.8#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 6.17 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

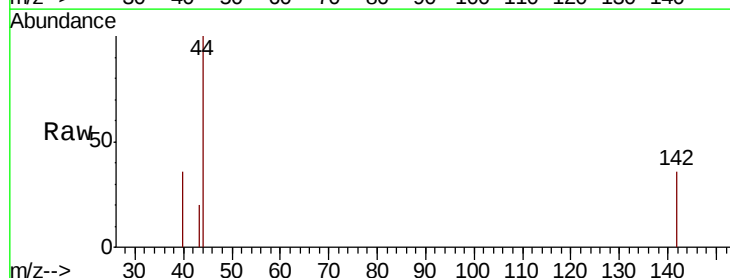
Tgt Ion: 142 Resp: 410

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

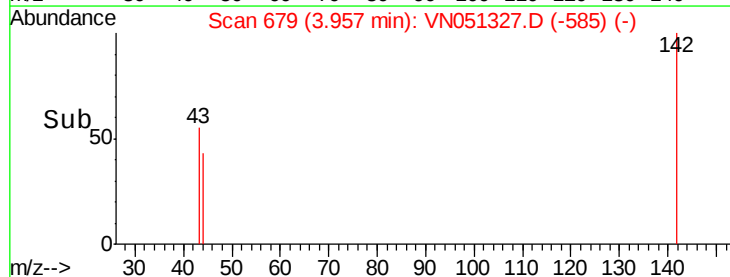
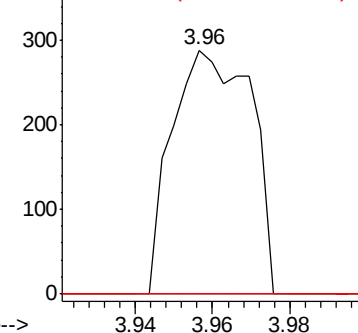
141 0.0 11.6 17.4#

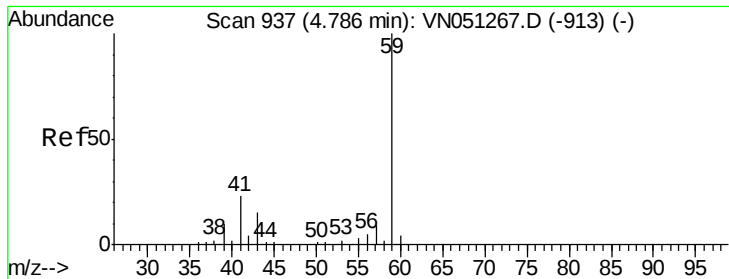


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

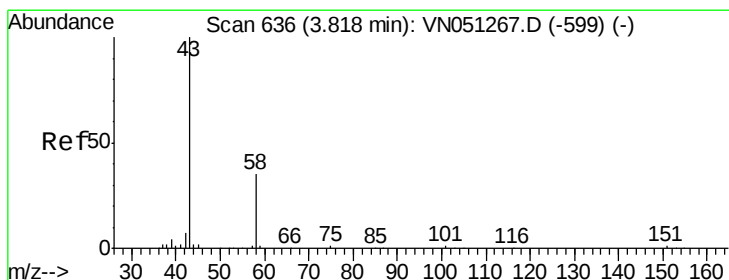
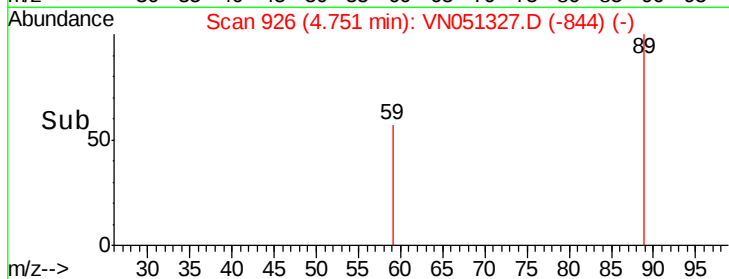
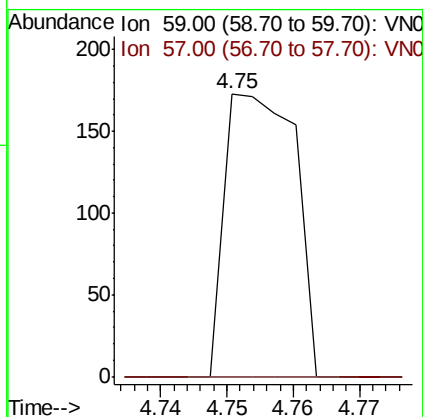
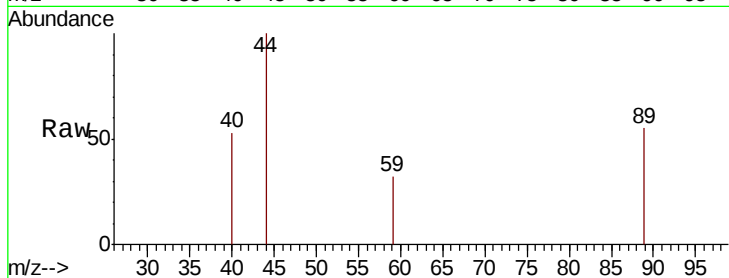




#11
Tert butyl alcohol
Concen: 0.39 ug/l
RT: 4.75 min Scan# 926
Delta R.T. -0.04 min
Lab File: VN051327.D
Acq: 19 Sep 2018 18:31

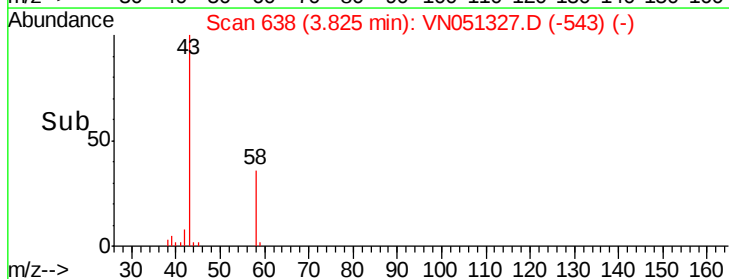
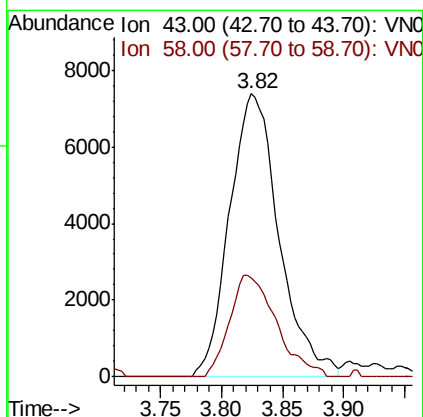
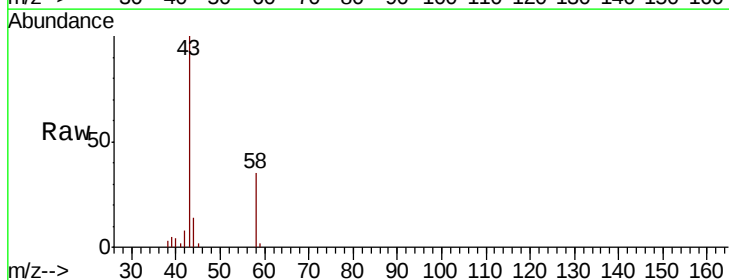
Instrument :
MSVOA_N
ClientSampleId :

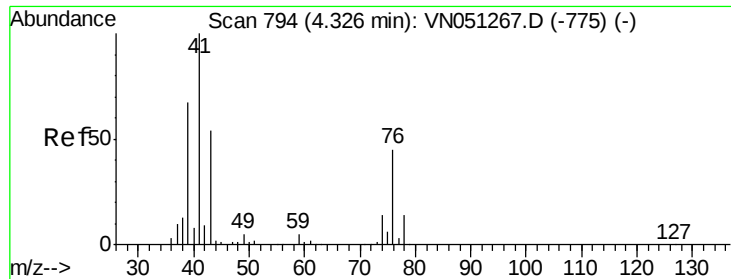
Tot Ion: 59 Resp: 127
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#16
Acetone
Concen: 6.18 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN051327.D
Acq: 19 Sep 2018 18:31

Tgt Ion: 43 Resp: 20797
Ion Ratio Lower Upper
43 100
58 35.0 28.2 42.2

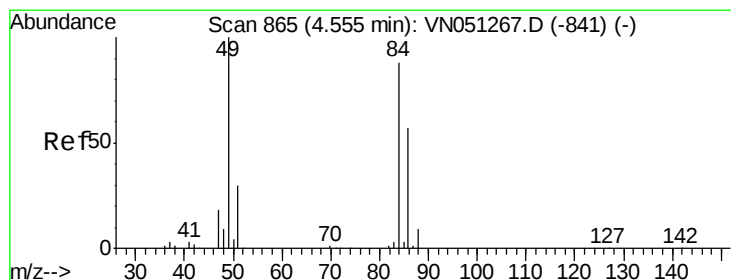
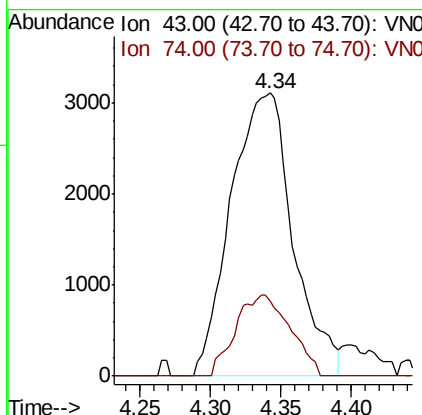
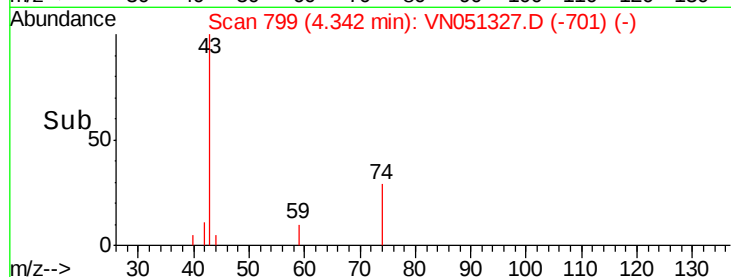
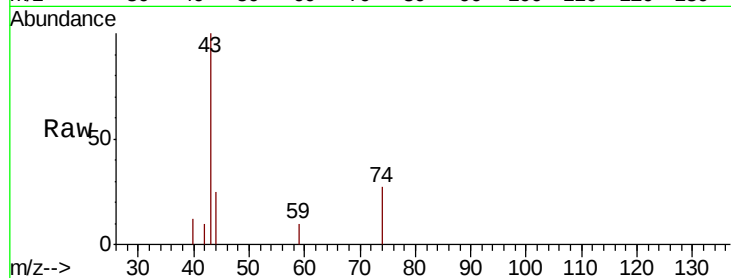




#18
Methyl Acetate
Concen: 1.67 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN051327.D
Acq: 19 Sep 2018 18:31

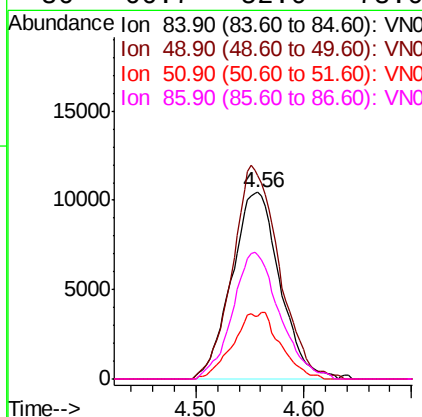
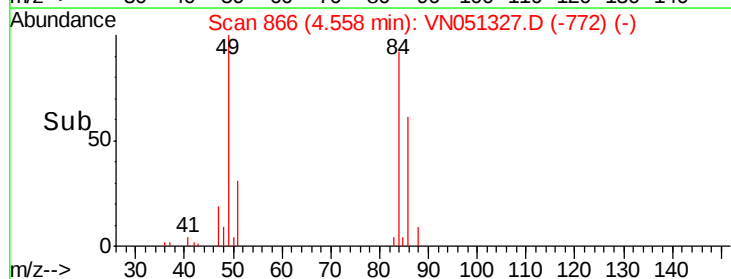
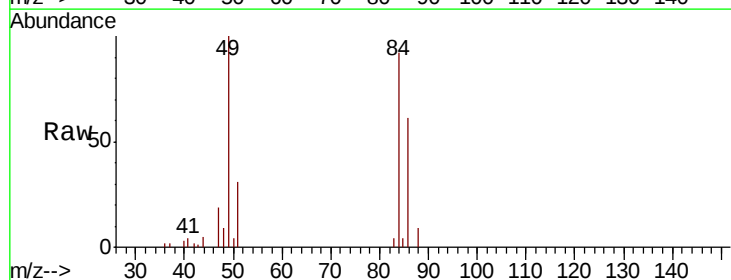
Instrument :
MSVOA_N
ClientSampled :

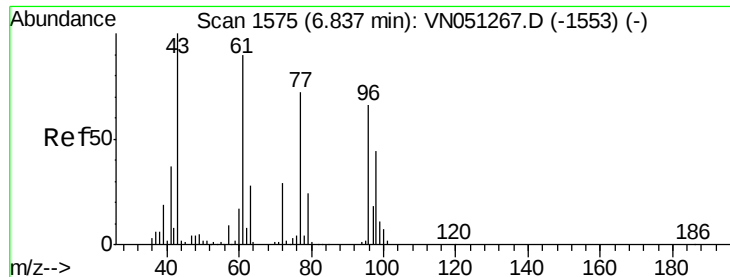
Tot Ion: 43 Resp: 9573
Ion Ratio Lower Upper
43 100
74 25.0 20.8 31.2



#20
Methylene Chloride
Concen: 5.01 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN051327.D
Acq: 19 Sep 2018 18:31

Tgt Ion: 84 Resp: 32386
Ion Ratio Lower Upper
84 100
49 108.7 91.2 136.8
51 33.8 27.7 41.5
86 66.7 52.0 78.0





#25

2-Butanone

Concen: 2.23 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

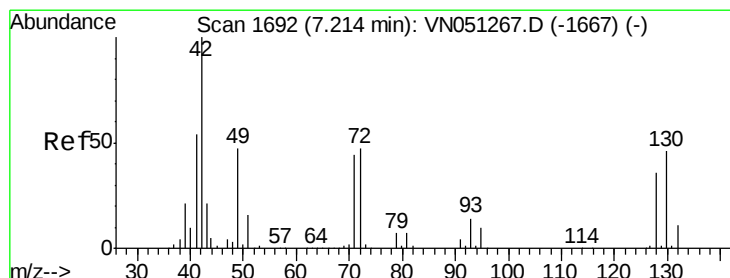
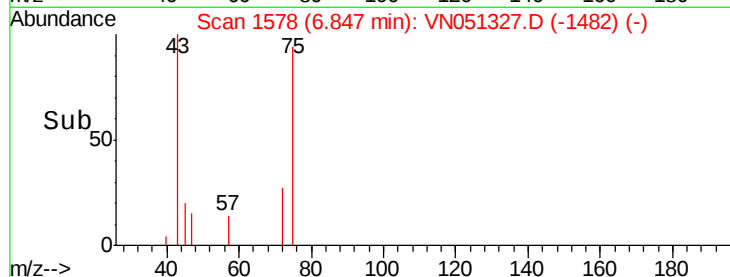
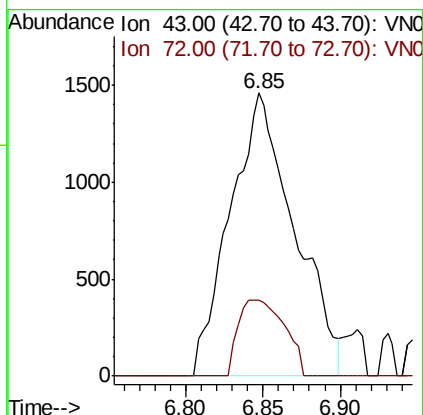
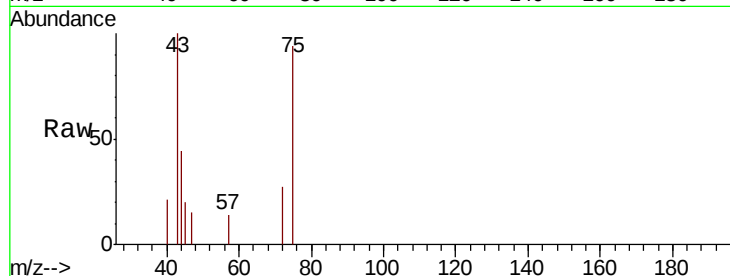
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 4212

Ion Ratio Lower Upper

43 100

72 27.0 23.4 35.0



#29

Tetrahydrofuran

Concen: 0.29 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

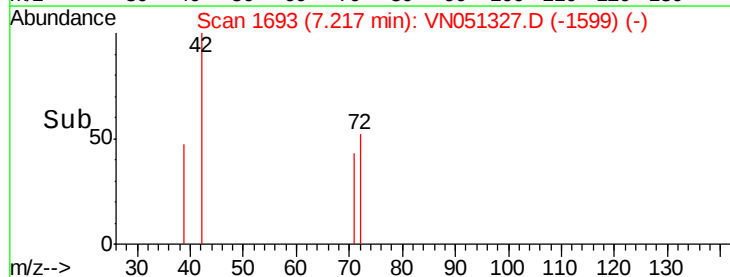
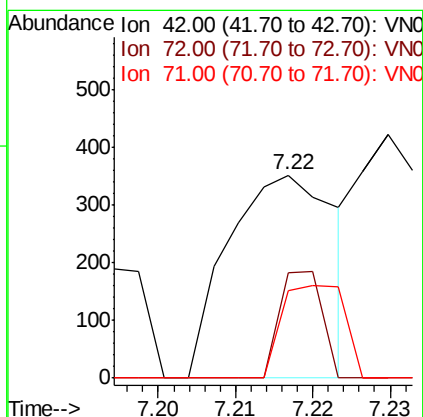
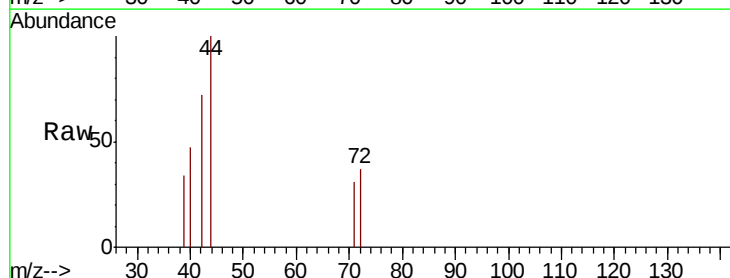
Tgt Ion: 42 Resp: 339

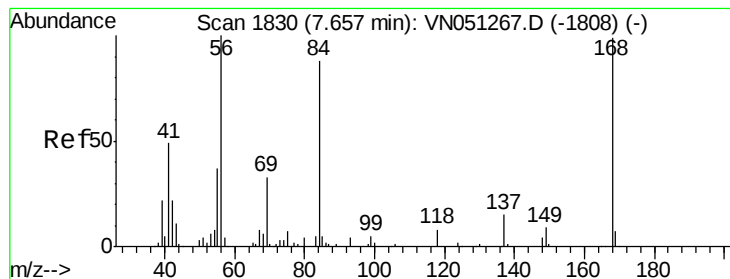
Ion Ratio Lower Upper

42 100

72 20.9 37.6 56.4#

71 26.8 35.4 53.2#





#31

Cyclohexane

Concen: 0.78 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

Instrument :

MSVOA_N

ClientSampled :

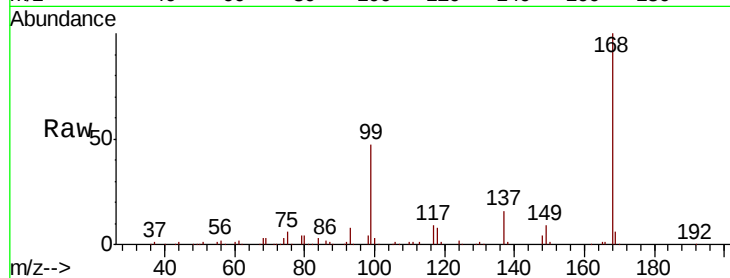
Tot Ion: 56 Resp: 8044

Ion Ratio Lower Upper

56 100

69 189.4 26.2 39.2#

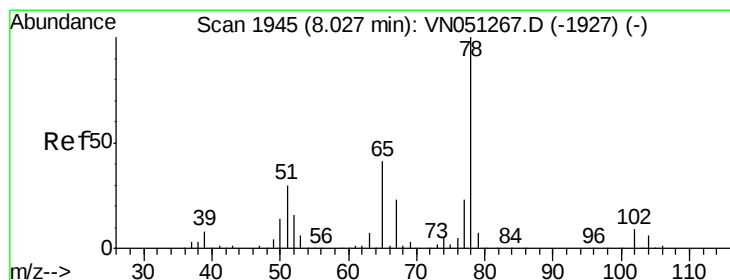
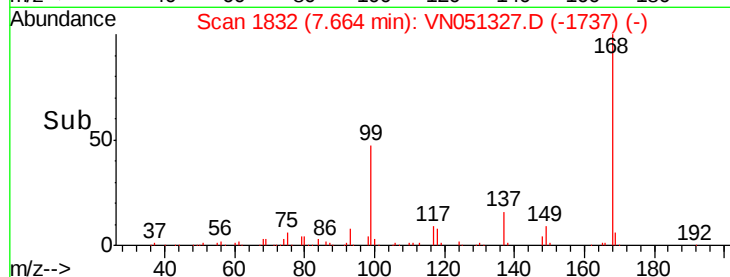
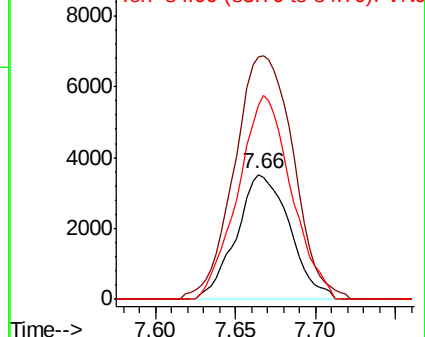
84 155.3 70.6 106.0#



Abundance Ion 56.00 (55.70 to 56.70): VN051327.D (-1808) (-)

Ion 69.00 (68.70 to 69.70): VN051327.D (-1808) (-)

Ion 84.00 (83.70 to 84.70): VN051327.D (-1808) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.38 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051327.D

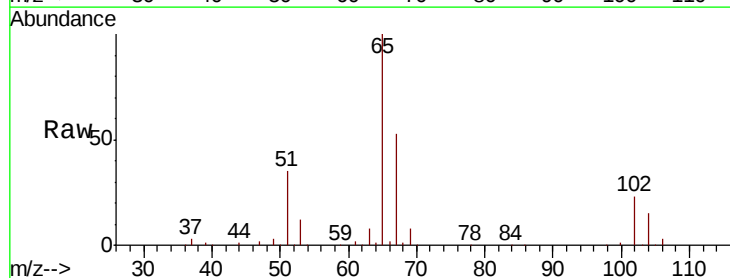
Acq: 19 Sep 2018 18:31

Tgt Ion: 65 Resp: 315172

Ion Ratio Lower Upper

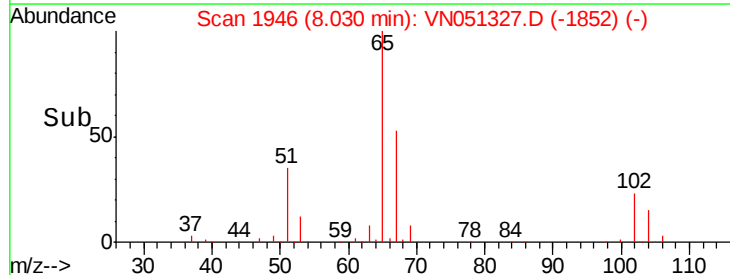
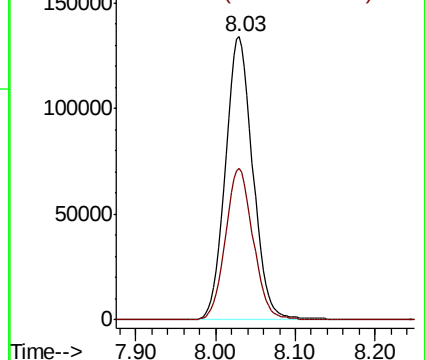
65 100

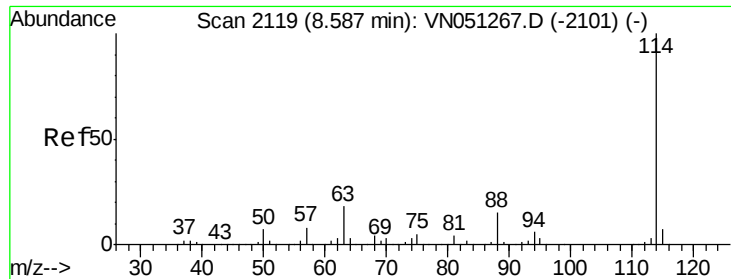
67 53.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN051327.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN051327.D (-1852) (-)

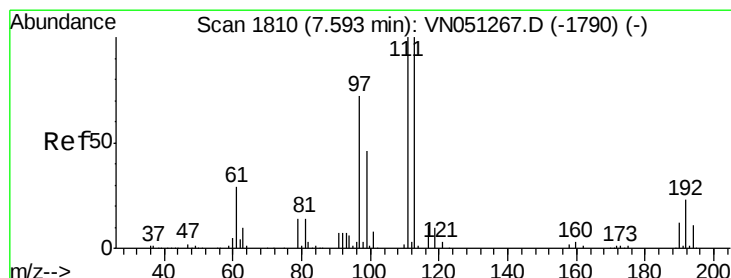
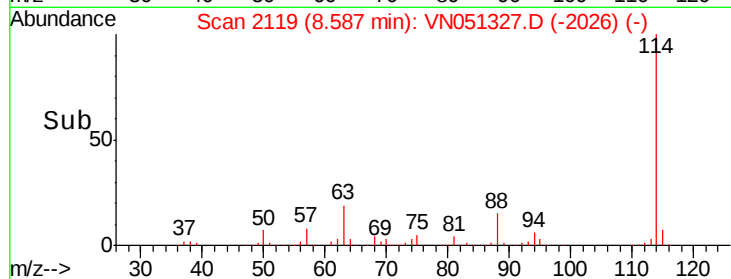
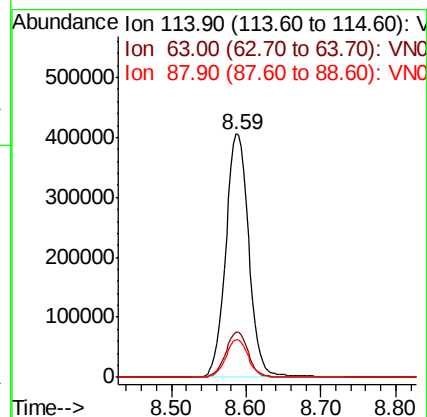
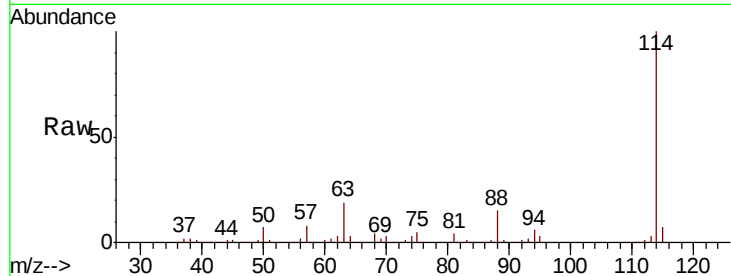




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051327.D
 Acq: 19 Sep 2018 18:31

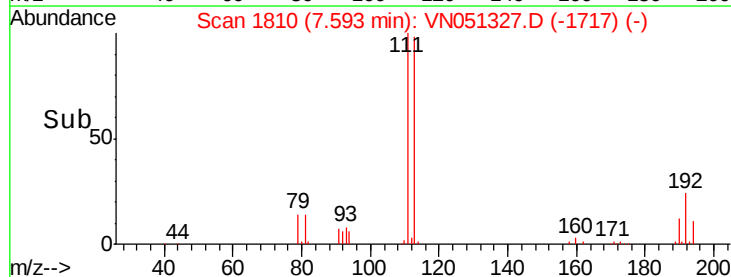
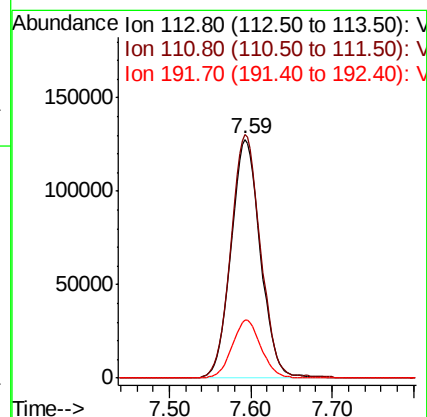
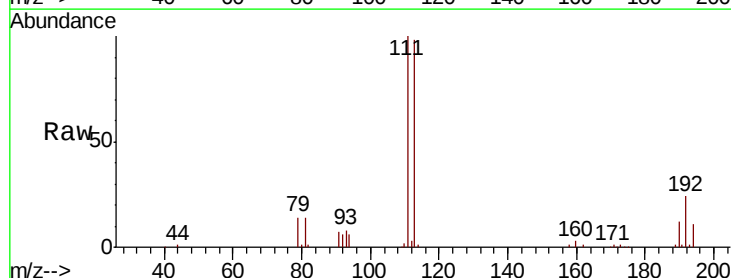
Instrument :
 MSVOA_N
 ClientSampled :

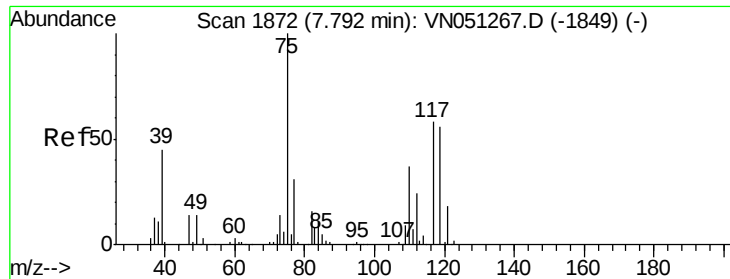
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.8
88	15.5	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 48.03 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051327.D
 Acq: 19 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	23.8	19.0	28.6





#36

1,1-Dichloropropene

Concen: 3.56 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.12 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

Instrument :
MSVOA_N
ClientSampleId :

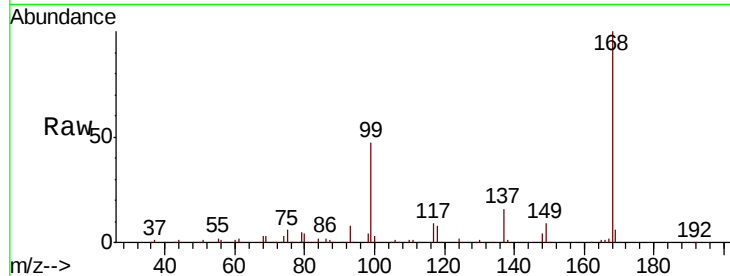
Tot Ion: 75 Resp: 33407

Ion Ratio Lower Upper

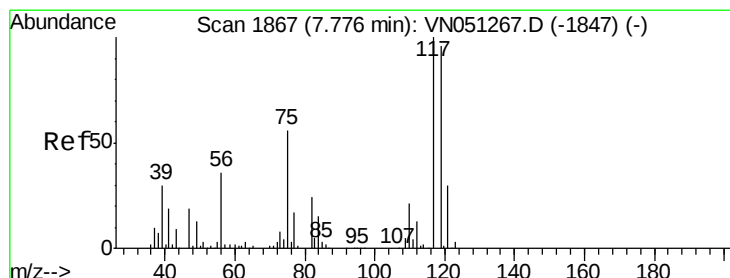
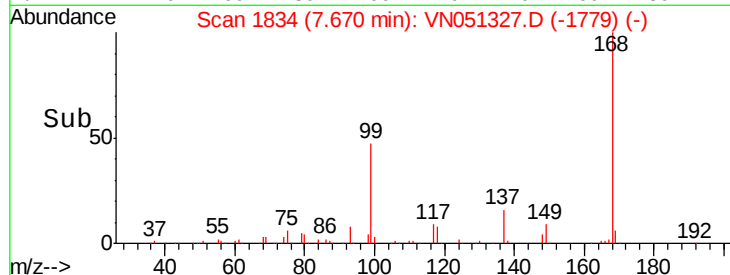
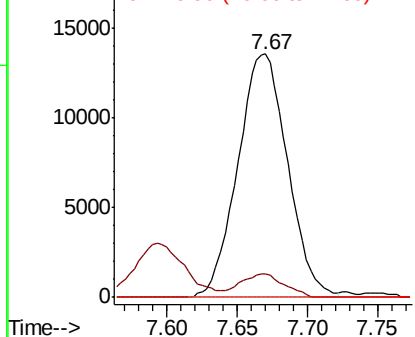
75 100

110 8.6 18.6 56.0#

77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VN0



#38

Carbon Tetrachloride

Concen: 4.84 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

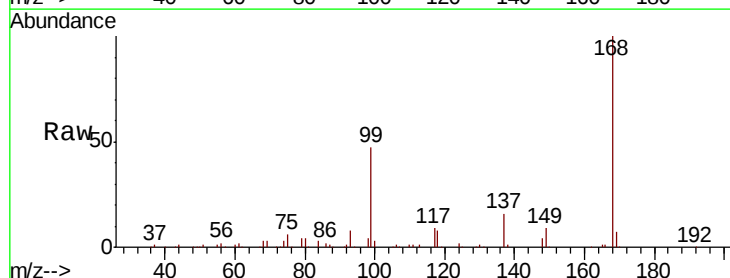
Tgt Ion: 117 Resp: 47363

Ion Ratio Lower Upper

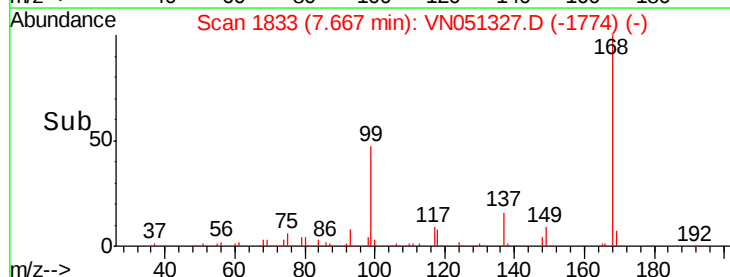
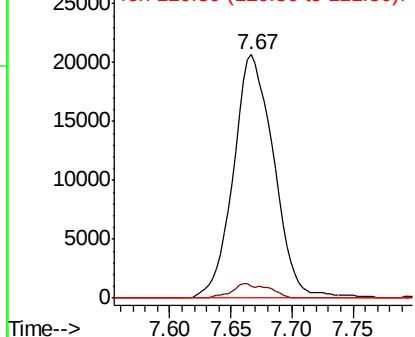
117 100

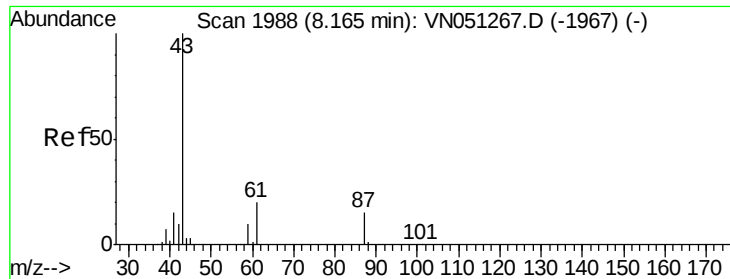
119 5.1 76.8 115.2#

121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



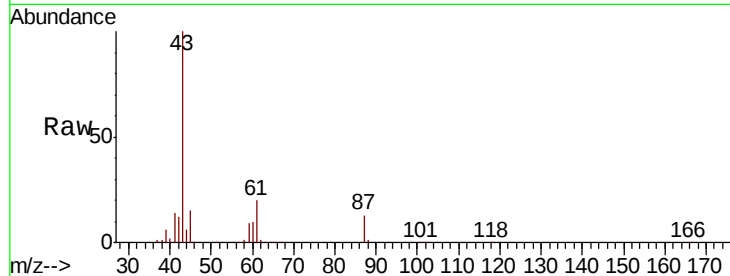


#43

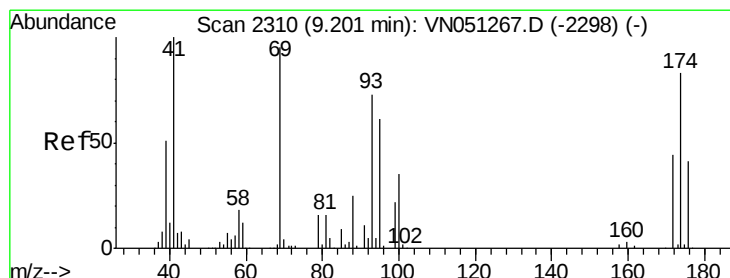
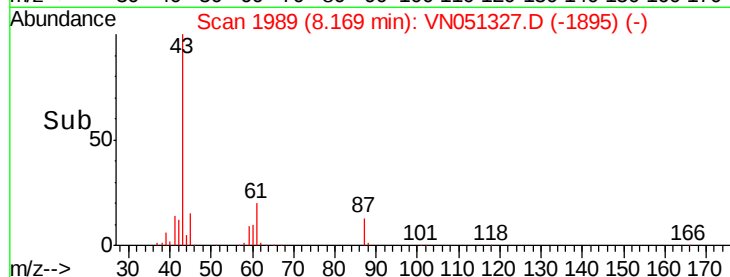
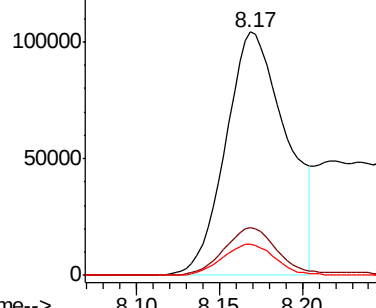
Isopropyl Acetate
 Concen: 31.92 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051327.D
 Acq: 19 Sep 2018 18:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 43 Resp: 266446
 Ion Ratio Lower Upper
 43 100
 61 17.9 17.4 26.2
 87 11.1 12.2 18.4#



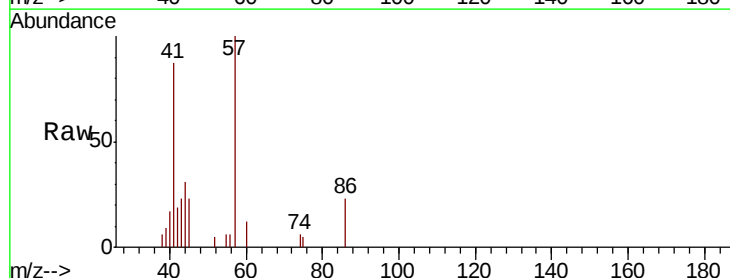
Abundance Ion 43.00 (42.70 to 43.70): VNC
 Ion 61.00 (60.70 to 61.70): VNC
 Ion 87.00 (86.70 to 87.70): VNC



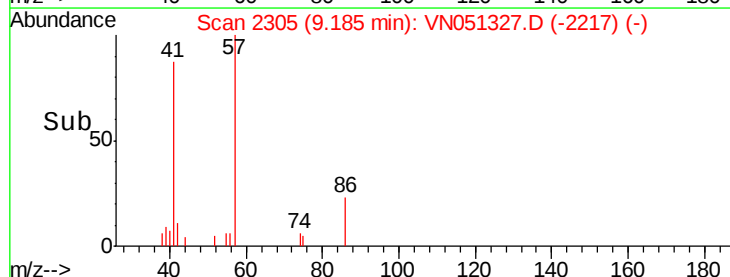
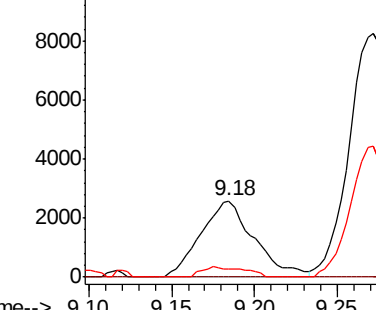
#48

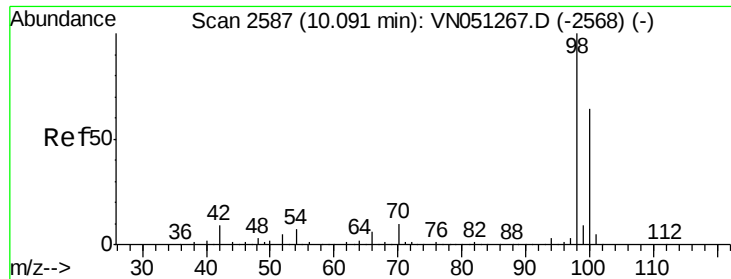
Methyl methacrylate
 Concen: 1.44 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. -0.02 min
 Lab File: VN051327.D
 Acq: 19 Sep 2018 18:31

Tgt Ion: 41 Resp: 5777
 Ion Ratio Lower Upper
 41 100
 69 0.0 78.9 118.3#
 39 11.1 42.2 63.2#



Abundance Ion 41.00 (40.70 to 41.70): VNC
 Ion 69.00 (68.70 to 69.70): VNC
 Ion 39.00 (38.70 to 39.70): VNC





#50

Toluene-d8

Concen: 45.90 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

Instrument :

MSVOA_N

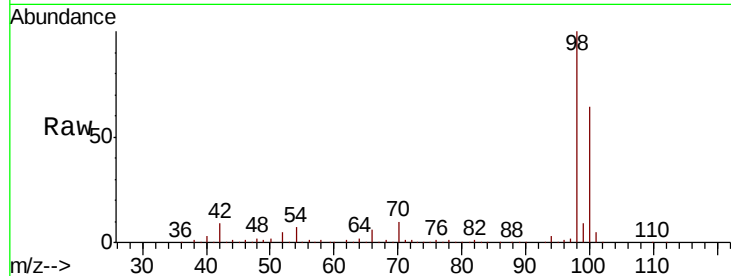
ClientSampled :

Tot Ion: 98 Resp: 1142907

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN051267.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051267.D (-2568) (-)

10.09

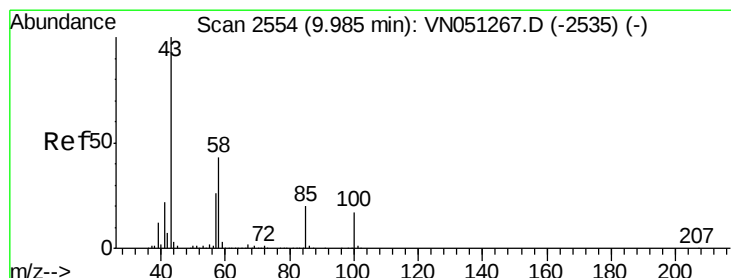
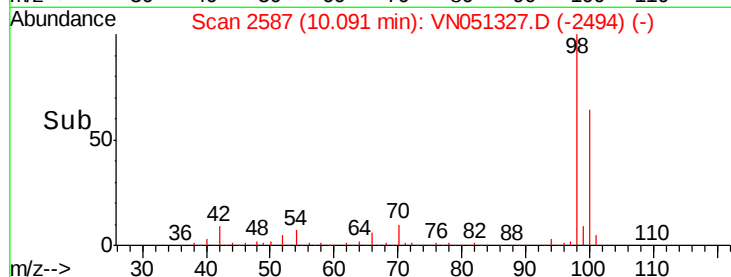
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.60 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN051327.D

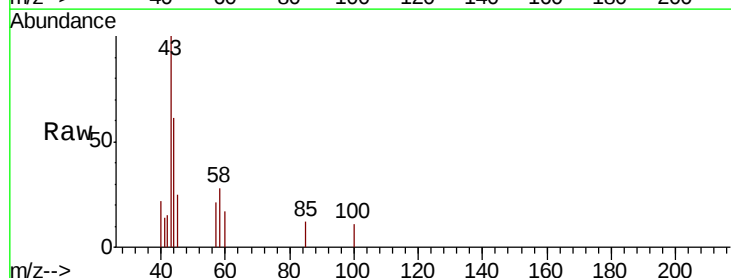
Acq: 19 Sep 2018 18:31

Tgt Ion: 43 Resp: 2598

Ion Ratio Lower Upper

43 100

58 30.3 33.8 50.6#



Abundance Ion 43.00 (42.70 to 43.70): VN051267.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN051267.D (-2535) (-)

2500

2000

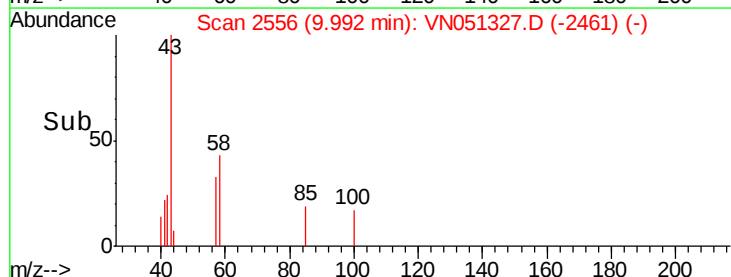
1500

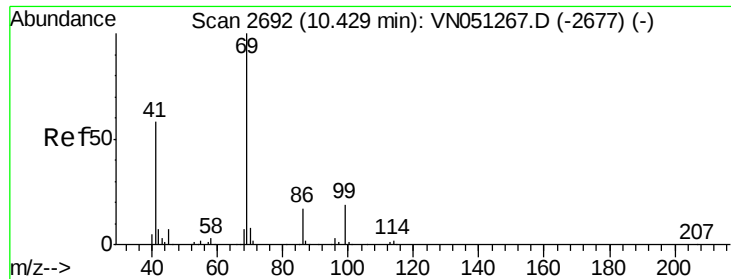
1000

500

0

Time-->





#56

Ethyl methacrylate

Concen: 2.08 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.20 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

Instrument :

MSVOA_N

ClientSampled :

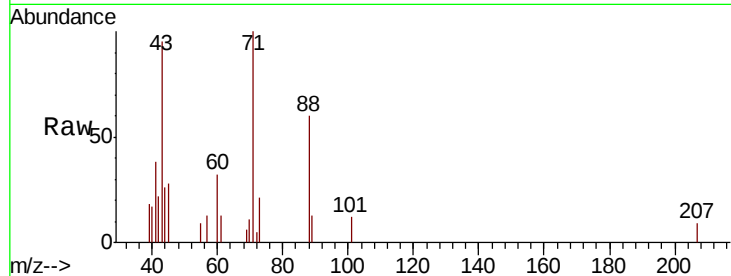
Tot Ion: 69 Resp: 90

Ion Ratio Lower Upper

69 100

41 0.0 47.4 71.0#

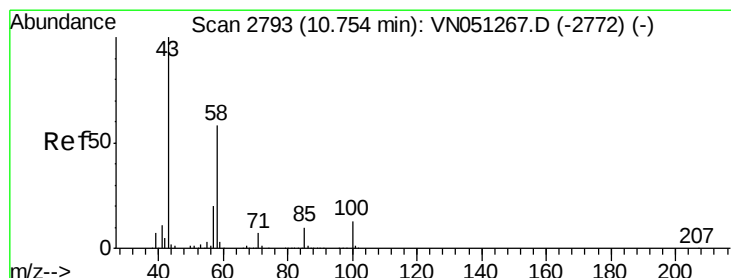
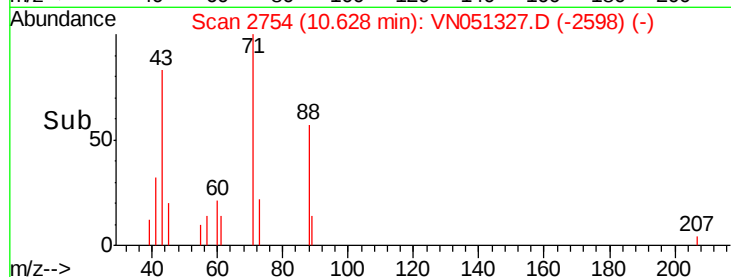
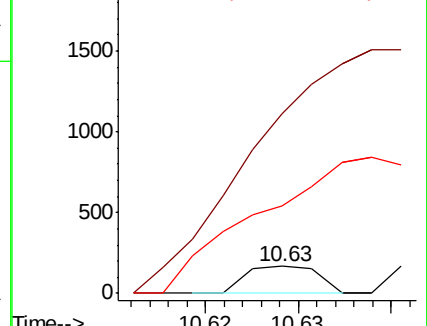
39 0.0 23.7 35.5#



Abundance Ion 69.00 (68.70 to 69.70): VN051267.D (-2677) (-)

Ion 41.00 (40.70 to 41.70): VN051267.D (-2677) (-)

Ion 39.00 (38.70 to 39.70): VN051267.D (-2677) (-)



#59

2-Hexanone

Concen: 4.63 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN051327.D

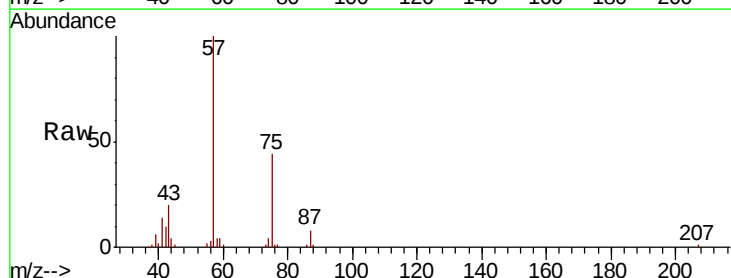
Acq: 19 Sep 2018 18:31

Tgt Ion: 43 Resp: 13118

Ion Ratio Lower Upper

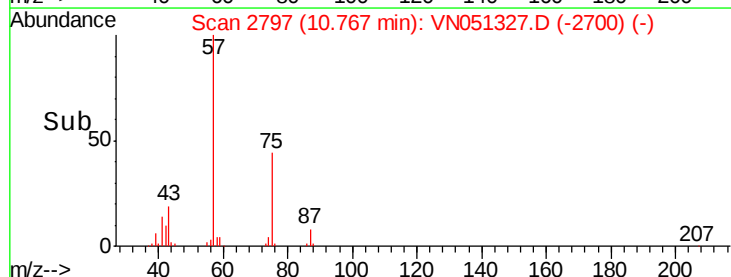
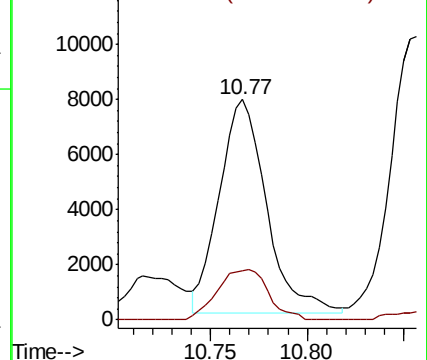
43 100

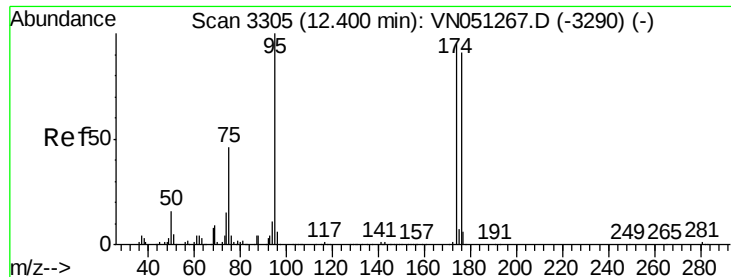
58 25.5 28.9 86.8#



Abundance Ion 43.00 (42.70 to 43.70): VN051267.D (-2772) (-)

Ion 58.00 (57.70 to 58.70): VN051267.D (-2772) (-)





#62

4-Bromofluorobenzene

Concen: 37.82 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

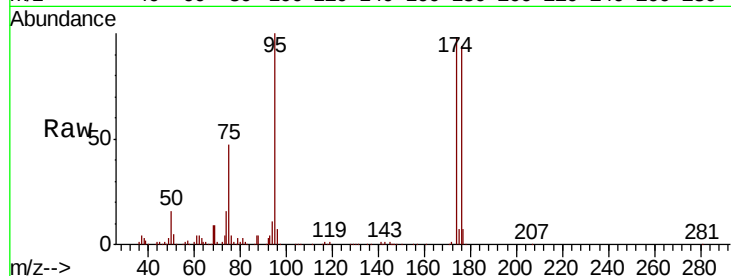
Tot Ion: 95 Resp: 299530

Ion Ratio Lower Upper

95 100

174 98.0 0.0 189.6

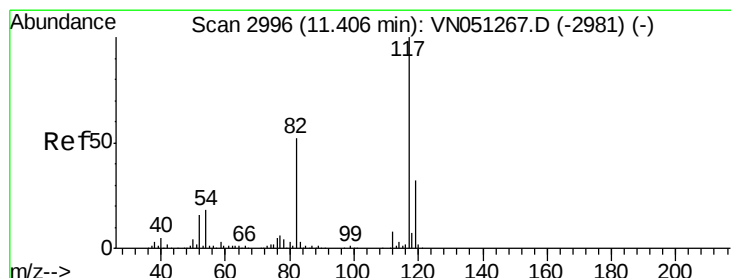
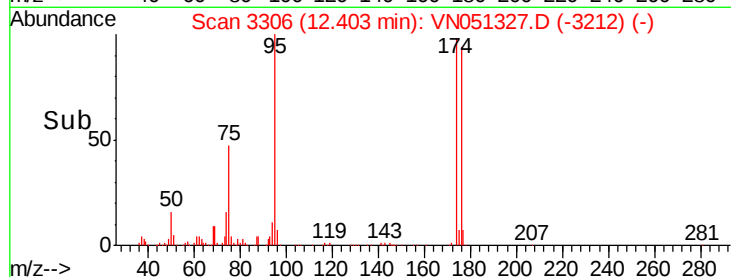
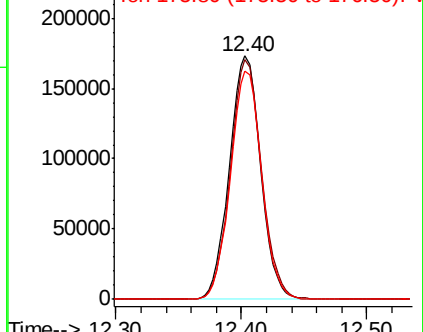
176 93.6 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN051267.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051267.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051267.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

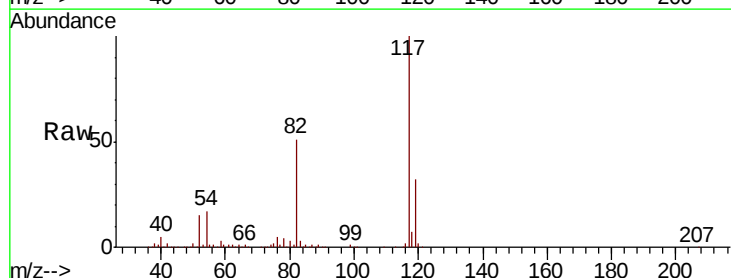
Tgt Ion: 117 Resp: 719113

Ion Ratio Lower Upper

117 100

82 51.3 41.8 62.8

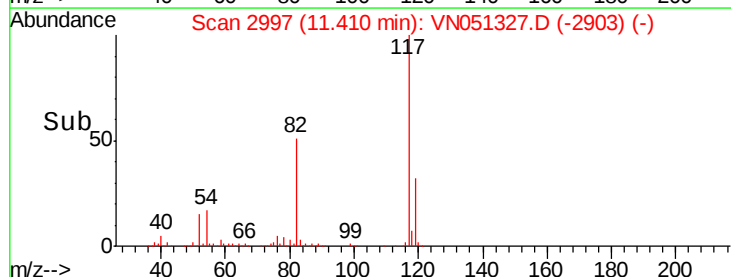
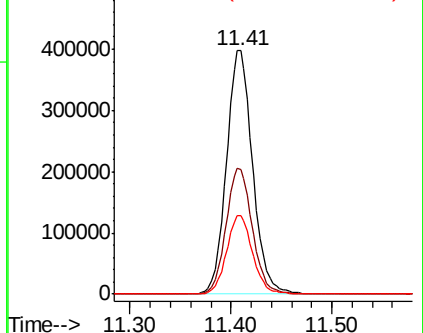
119 32.3 25.6 38.4

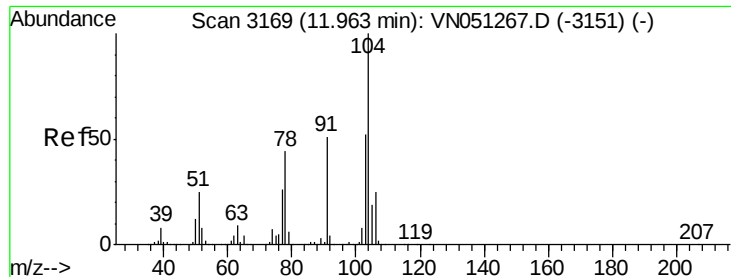


Abundance Ion 116.90 (116.60 to 117.60): VN051267.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051267.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051267.D (-2981) (-)





#70

Stvrene

Concen: 1.26 ug/l

RT: 11.97 min Scan# 3171

Delta R.T. 0.01 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

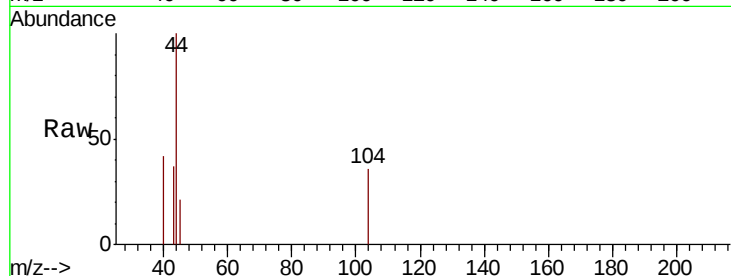
Tot Ion:104 Resp: 240

Ion Ratio Lower Upper

104 100

78 0.0 38.1 57.1#

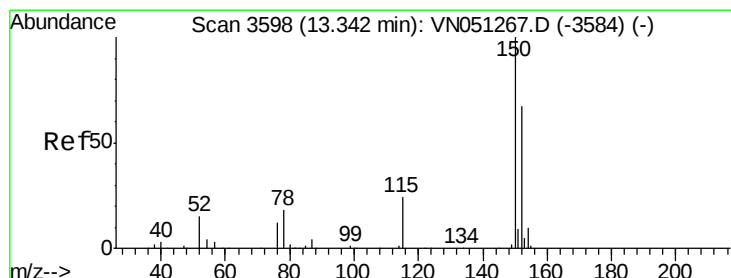
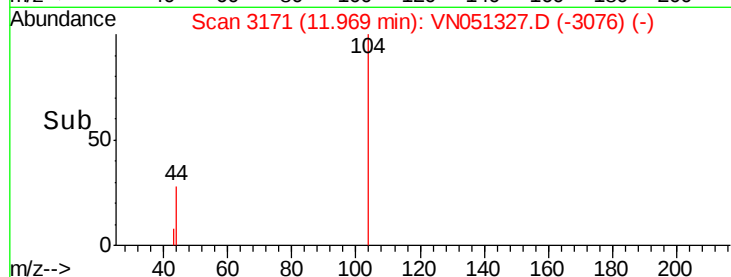
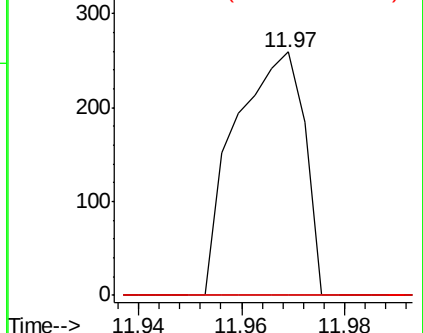
103 0.0 44.8 67.2#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

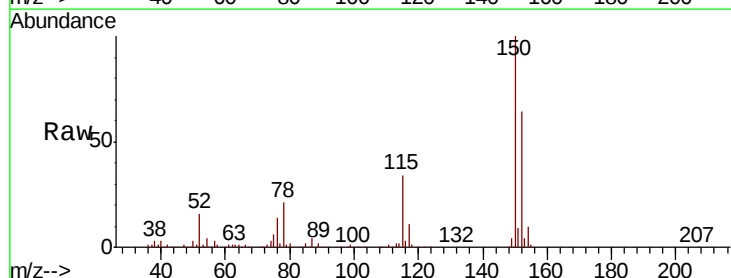
Tgt Ion:152 Resp: 234932

Ion Ratio Lower Upper

152 100

115 53.6 27.1 81.2

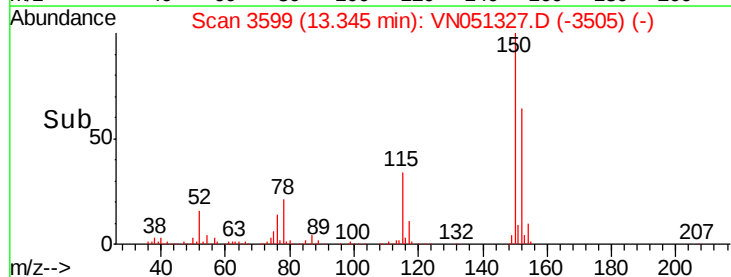
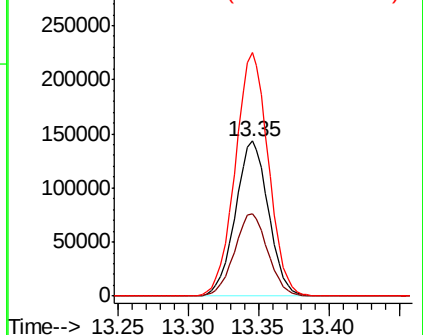
150 157.6 0.0 349.0

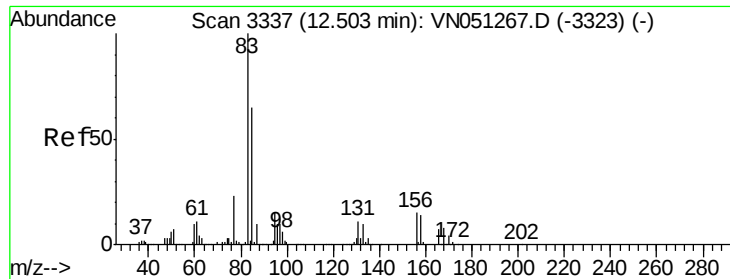


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.42 min Scan# 3310

Delta R.T. -0.09 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

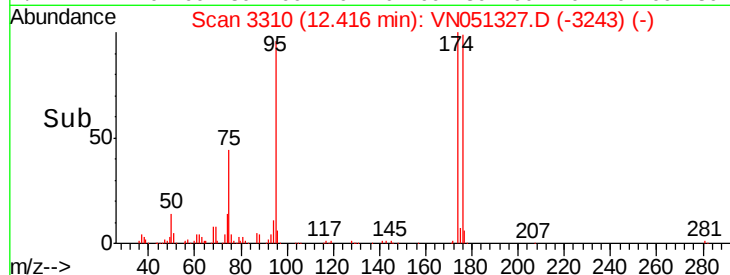
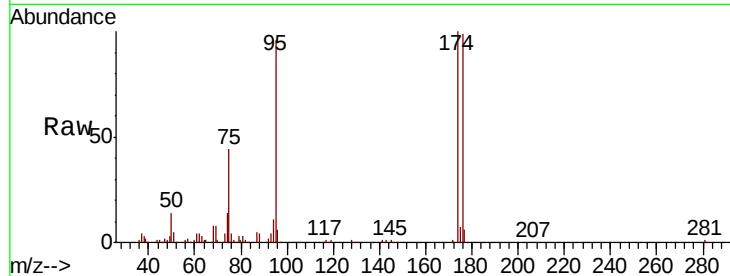
Tot Ion: 83 Resp: 67

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

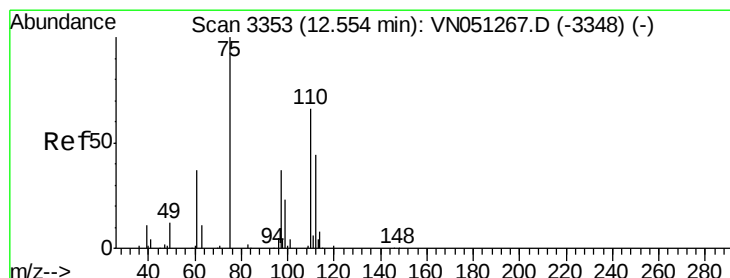
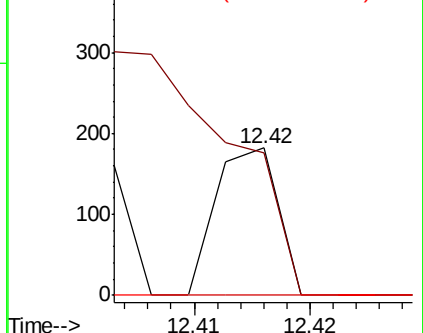
85 0.0 32.3 96.9#



Abundance Ion 82.90 (82.60 to 83.60): VN051267.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN051267.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN051267.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 43.17 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051327.D

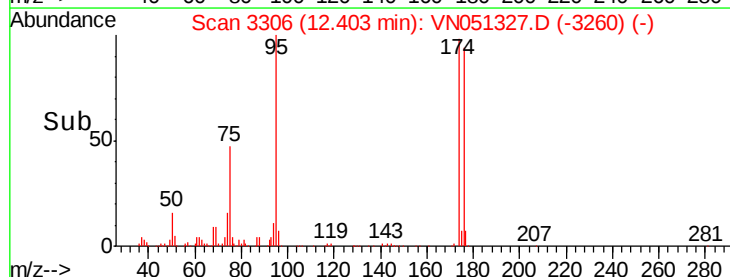
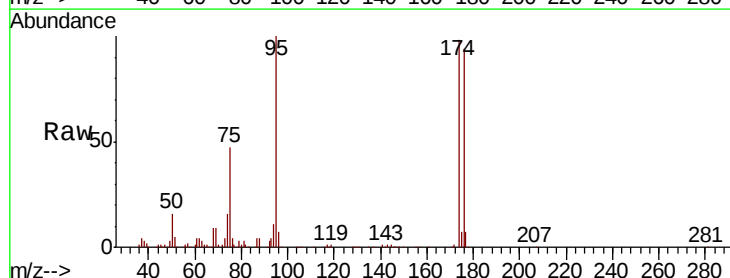
Acq: 19 Sep 2018 18:31

Tgt Ion: 75 Resp: 139870

Ion Ratio Lower Upper

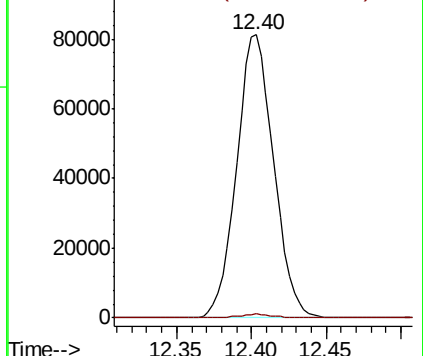
75 100

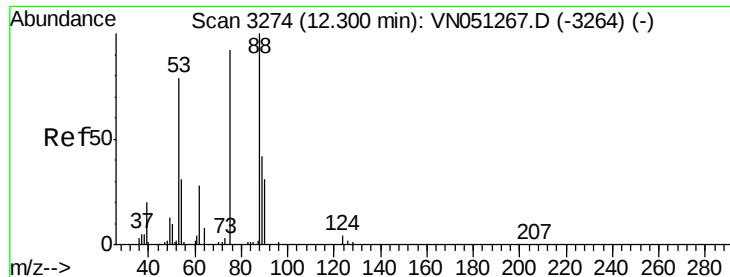
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051267.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN051267.D (-3348) (-)

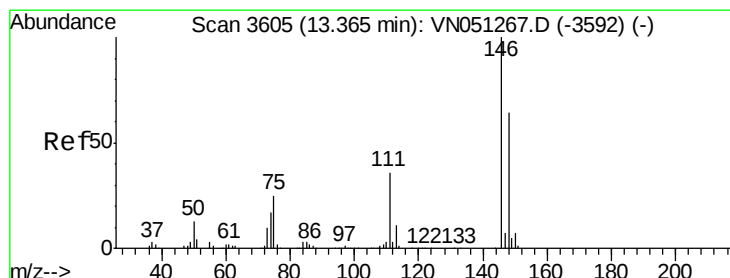
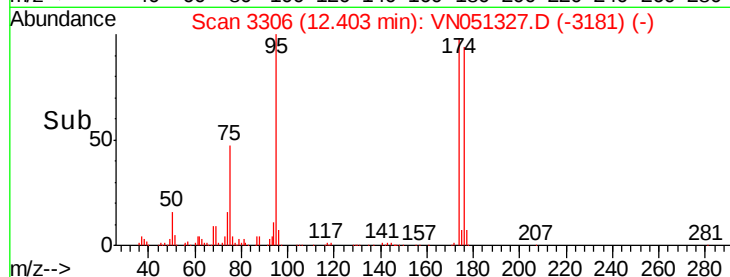
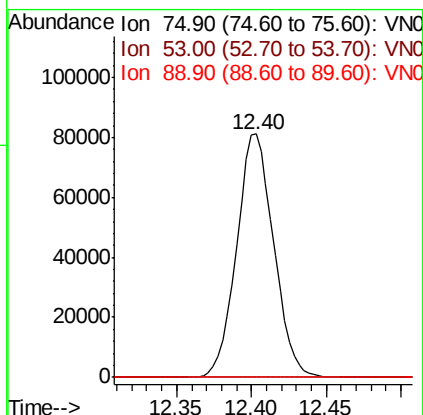
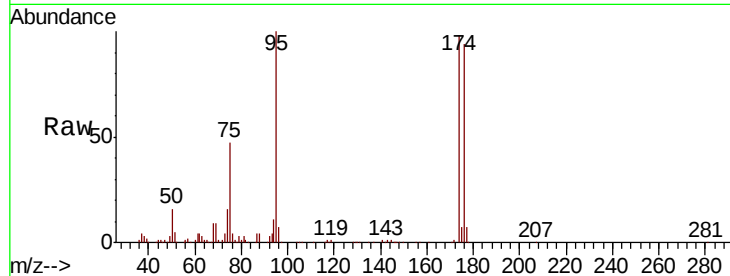




#81
trans-1,4-Dichloro-2-butene
Concen: 132.23 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN051327.D
Acq: 19 Sep 2018 18:31

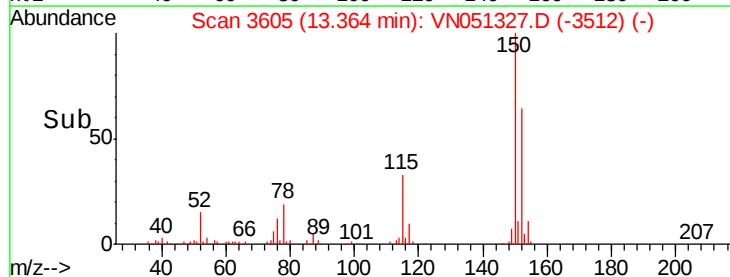
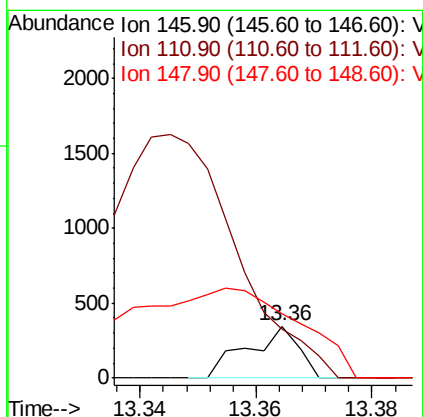
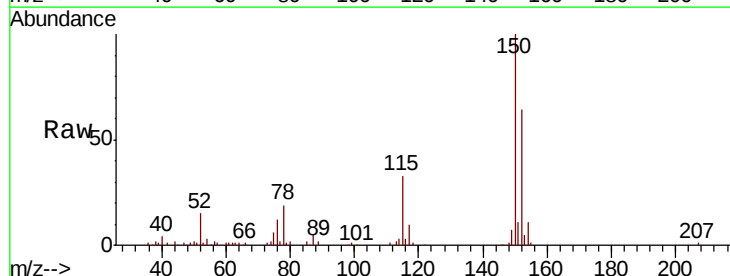
Instrument :
MSVOA_N
ClientSampleId :

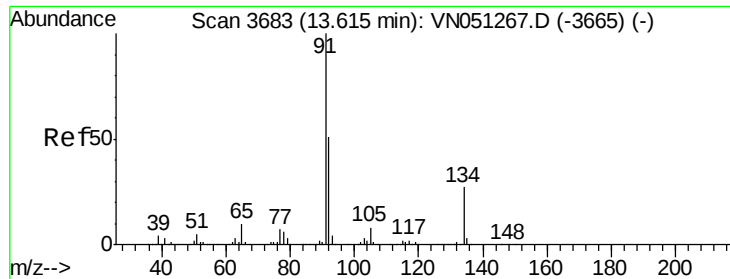
Tot Ion: 75 Resp: 139870
Ion Ratio Lower Upper
75 100
53 0.0 67.7 101.5#
89 0.0 36.9 55.3#



#88
1,4-Dichlorobenzene
Concen: 0.44 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VN051327.D
Acq: 19 Sep 2018 18:31

Tgt Ion: 146 Resp: 211
Ion Ratio Lower Upper
146 100
111 1270.6 18.2 54.6#
148 578.2 31.9 95.7#





#89

n-Butylbenzene

Concen: 2.03 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

Instrument :

MSVOA_N

ClientSampled :

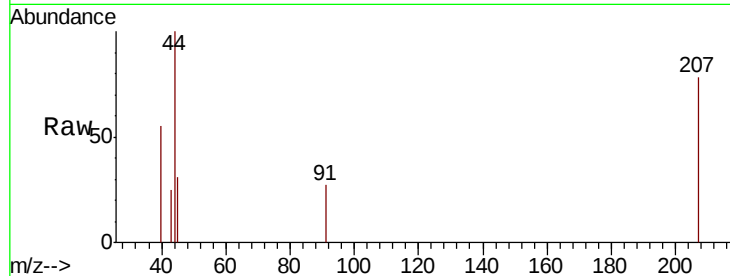
Tot Ion: 91 Resp: 138

Ion Ratio Lower Upper

91 100

92 0.0 25.8 77.4#

134 0.0 13.7 41.0#



Abundance Ion 91.00 (90.70 to 91.70): VN051267.D (-3665) (-)

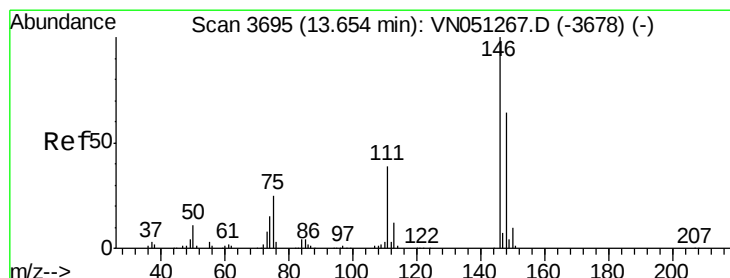
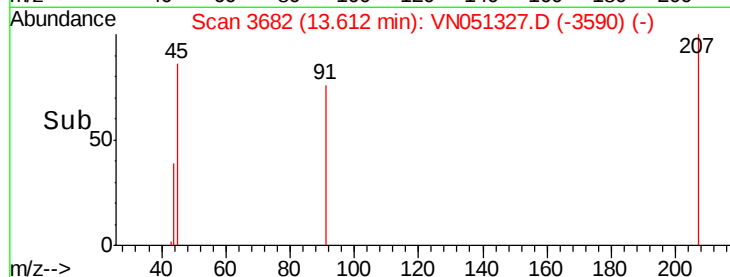
Ion 92.00 (91.70 to 92.70): VN051267.D (-3665) (-)

Ion 134.00 (133.70 to 134.70): VN051267.D (-3665) (-)

Time-->

13.61

13.62



#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

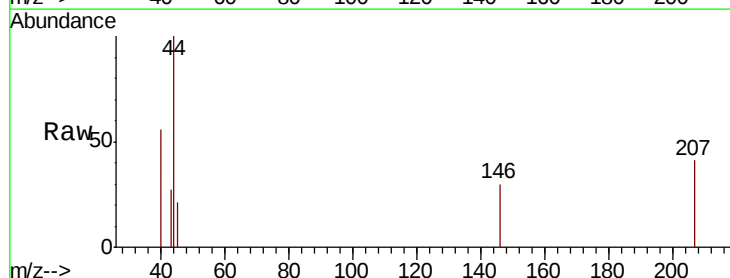
Tgt Ion: 146 Resp: 155

Ion Ratio Lower Upper

146 100

111 0.0 19.6 58.7#

148 0.0 31.9 95.9#



Abundance Ion 145.90 (145.60 to 146.60): VN051267.D (-3678) (-)

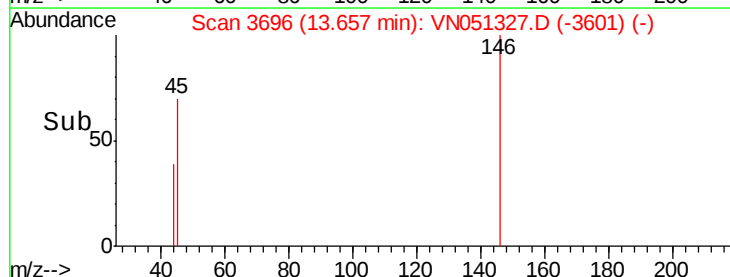
Ion 110.90 (110.60 to 111.60): VN051267.D (-3678) (-)

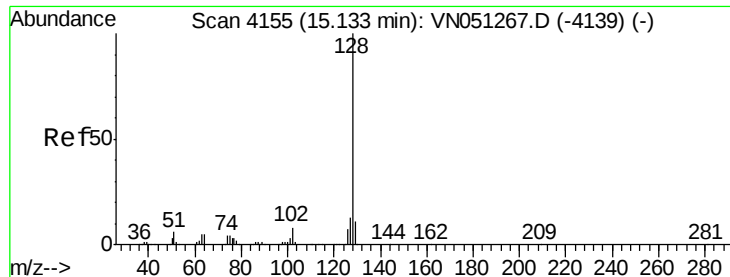
Ion 147.90 (147.60 to 148.60): VN051267.D (-3678) (-)

Time-->

13.66

13.66





#95

Naphthalene

Concen: 5.95 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.01 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

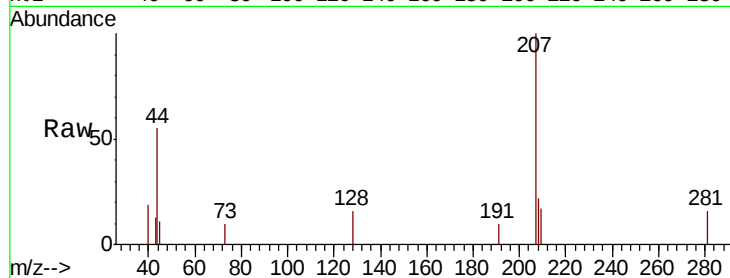
Tot Ion:128 Resp: 227

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

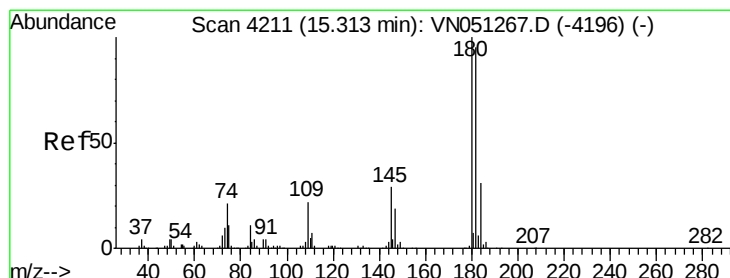
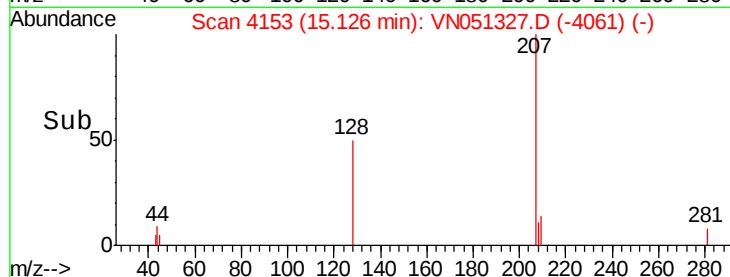
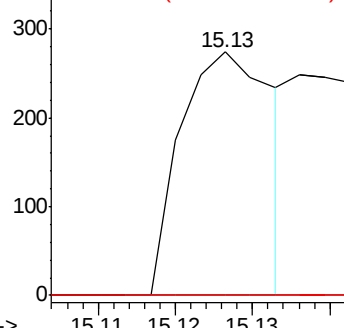
129 0.0 8.9 13.3#



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



#96

1,2,3-Trichlorobenzene

Concen: 3.87 ug/l

RT: 15.32 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

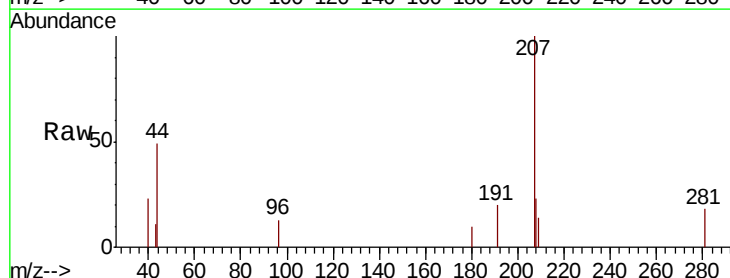
Tgt Ion:180 Resp: 29

Ion Ratio Lower Upper

180 100

182 0.0 47.5 142.6#

145 0.0 14.8 44.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

