

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
 Data File : VN051306.D
 Acq On : 18 Sep 2018 18:42
 Operator : MD\SY
 Sample : J4941-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RB47198RT

Quant Time: Sep 19 01:21:00 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	426057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	662265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	546787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	195072	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	237415	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	
35) Dibromofluoromethane	7.59	113	245485	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
50) Toluene-d8	10.09	98	859030	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	
62) 4-Bromofluorobenzene	12.40	95	235724	38.96	ug/l	0.00
Spiked Amount			Recovery	=	77.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	1661	Below Cal	#	87
5) Bromomethane	2.56	94	517	0.683	ug/l #	73
10) Methyl Iodide	3.96	142	189	6.145	ug/l #	43
14) Allyl chloride	4.55	41	3523	0.553	ug/l #	26
16) Acetone	3.82	43	31865	22.227	ug/l	95
17) Carbon Disulfide	4.06	76	1298	Below Cal	#	75
18) Methyl Acetate	4.34	43	10467	2.620	ug/l	99
20) Methylene Chloride	4.55	84	175186	34.568	ug/l	97
25) 2-Butanone	6.85	43	5553	3.744	ug/l	90
28) Bromochloromethane	7.37	49	1316	0.362	ug/l #	6
29) Tetrahydrofuran	7.23	42	1207	1.316	ug/l #	65
30) Chloroform	7.37	83	19535	2.319	ug/l	92
31) Cyclohexane	7.67	56	6383	0.788	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	27118	3.783	ug/l #	48
37) Ethyl Acetate	6.85	43	5553	1.507	ug/l #	66
38) Carbon Tetrachloride	7.67	117	36514	4.885	ug/l #	16
43) Isopropyl Acetate	8.17	43	232321	36.432	ug/l #	91
47) Bromodichloromethane	9.40	83	4694	0.669	ug/l #	89
48) Methyl methacrylate	9.18	41	6339	2.064	ug/l #	17
51) 4-Methyl-2-Pentanone	9.99	43	2834	0.861	ug/l	89
54) cis-1,3-Dichloropropene	9.90	75	1592	0.202	ug/l #	72
56) Ethyl methacrylate	10.27	69	189	2.098	ug/l #	29
59) 2-Hexanone	10.77	43	9997	4.614	ug/l #	56
68) m/p-Xylenes	11.62	106	2104	0.251	ug/l	88
70) Styrene	11.97	104	597	1.285	ug/l #	70
71) Bromoform	12.40	173	1227	0.361	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	107825	39.868	ug/l #	100
77) Bromobenzene	12.54	156	7518	0.945	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.73	105	4304	0.327	ug/l	85
81) trans-1,4-Dichloro-2-buten	12.40	75	107825	122.766	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	11417	0.894	ug/l	99
89) n-Butylbenzene	13.62	91	389	2.054	ug/l #	34
90) Hexachloroethane	13.90	117	205	Below Cal	#	1
91) 1,2-Dichlorobenzene	13.65	146	363	Below Cal	#	75

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
Data File : VN051306.D
Acq On : 18 Sep 2018 18:42
Operator : MD\SY
Sample : J4941-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RB47198RT

Quant Time: Sep 19 01:21:00 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

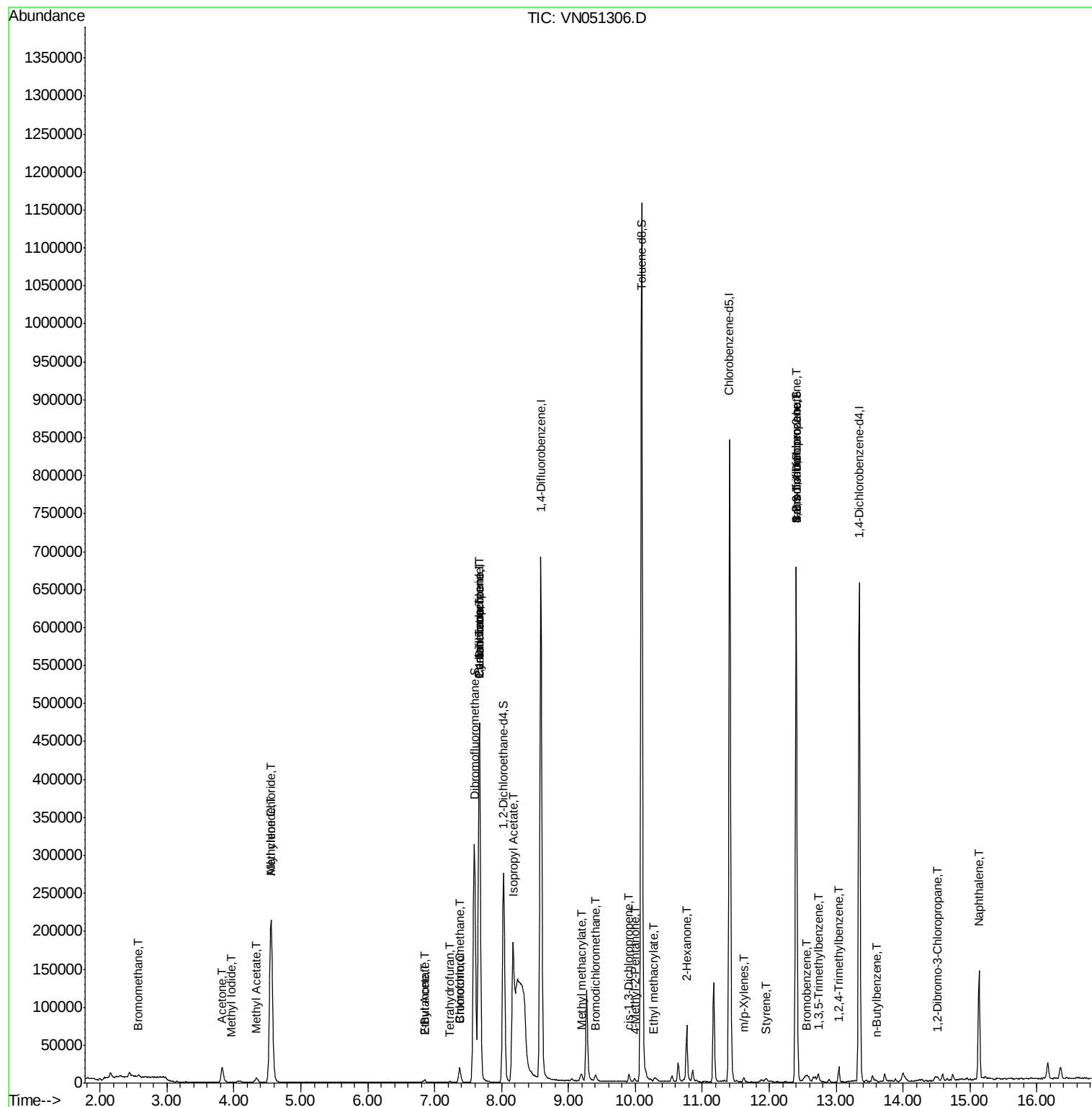
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.51	75	154	0.482	ug/l #	12
95) Naphthalene	15.13	128	129009	24.552	ug/l	100

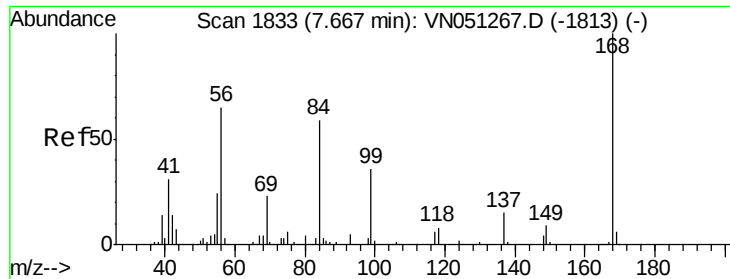
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
Data File : VN051306.D
Acq On : 18 Sep 2018 18:42
Operator : MD\SY
Sample : J4941-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RB47198RT

Quant Time: Sep 19 01:21:00 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: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

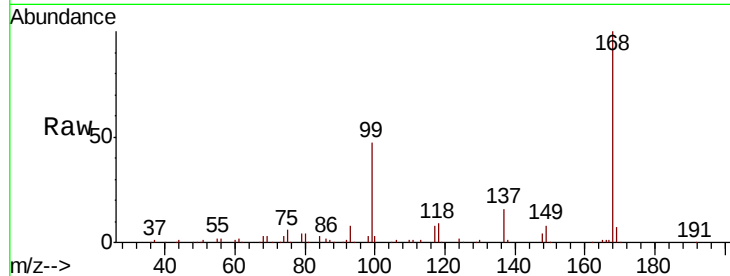
RB47198RT

Tgt Ion:168 Resp: 426057

Ion Ratio Lower Upper

168 100

99 47.1 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VN051306.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051306.D (-1740) (-)

7.67

200000

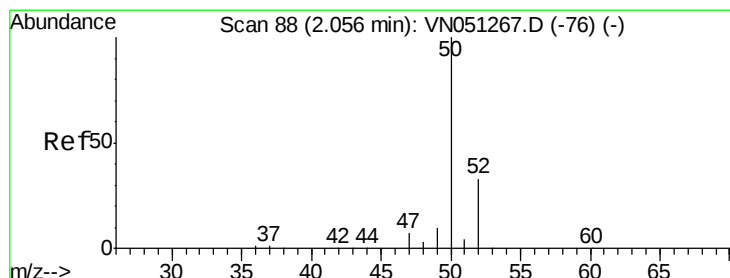
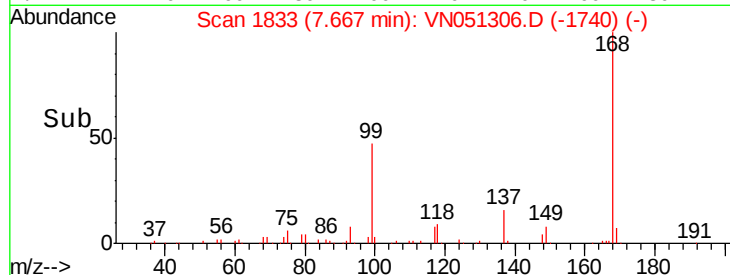
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051306.D

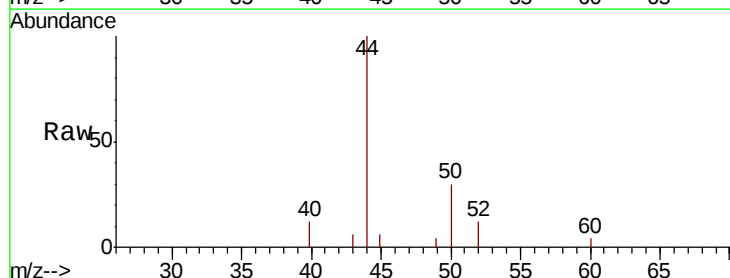
Acq: 18 Sep 2018 18:42

Tgt Ion: 50 Resp: 1661

Ion Ratio Lower Upper

50 100

52 40.5 26.6 40.0#



Abundance Ion 49.90 (49.60 to 50.60): VN051306.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN051306.D (-1) (-)

2.06

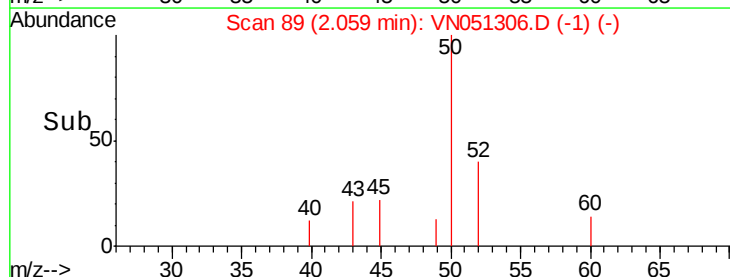
1500

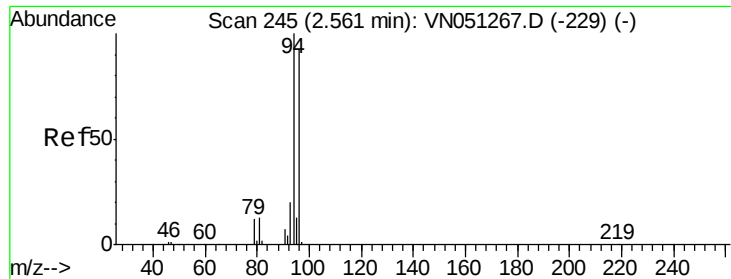
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.683 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

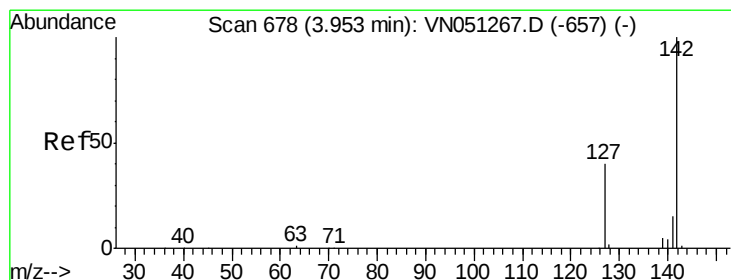
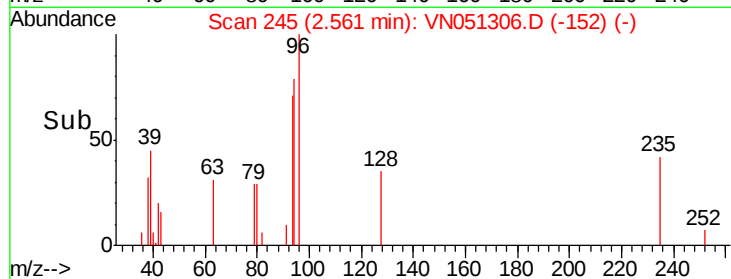
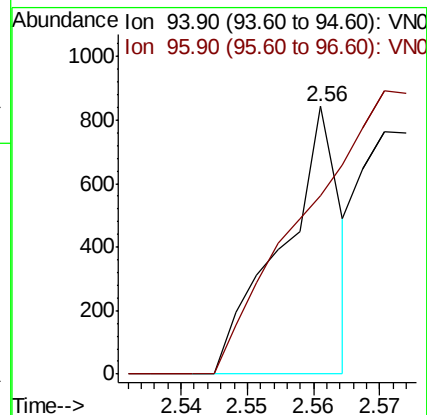
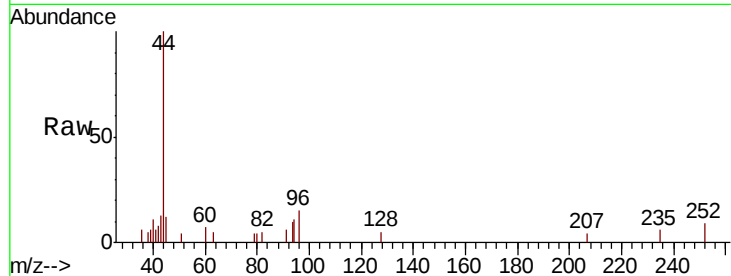
RB47198RT

Tgt Ion: 94 Resp: 517

Ion Ratio Lower Upper

94 100

96 66.7 73.8 110.8#



#10

Methyl Iodide

Concen: 6.145 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.01 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

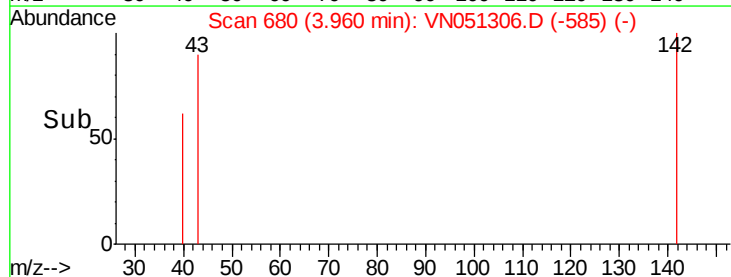
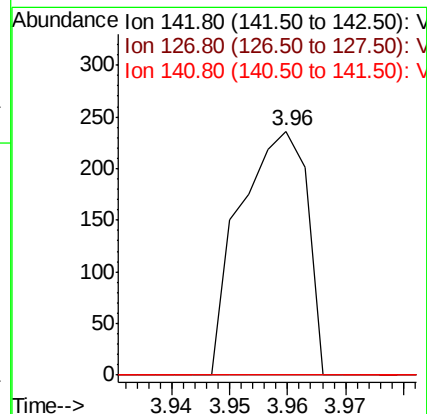
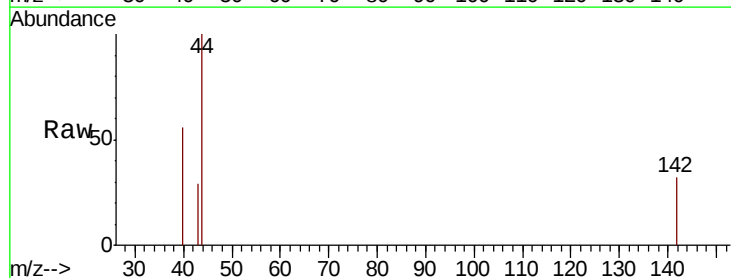
Tgt Ion: 142 Resp: 189

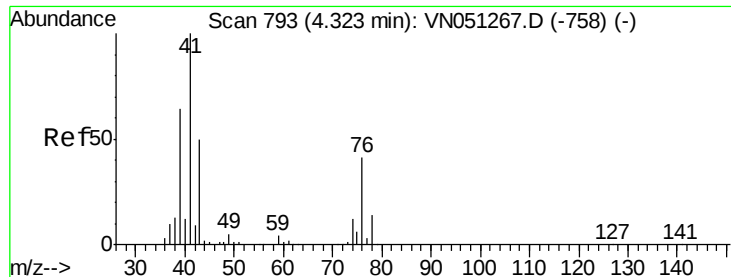
Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

141 0.0 11.6 17.4#

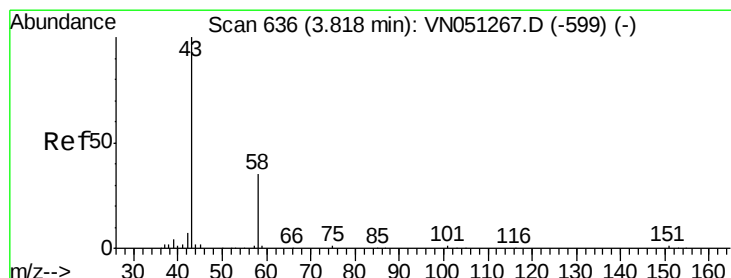
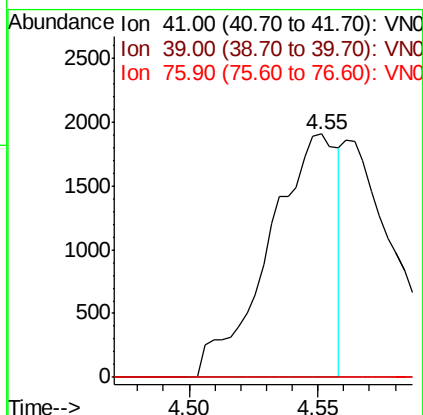
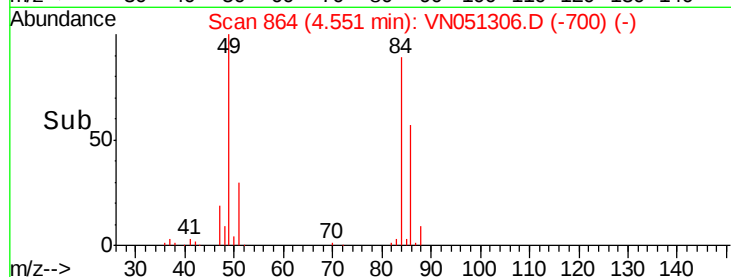
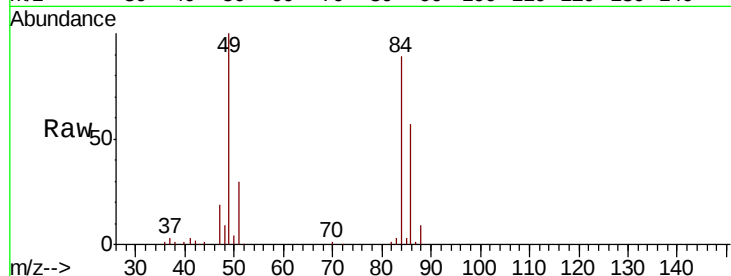




#14
 Allyl chloride
 Concen: 0.553 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. 0.23 min
 Lab File: VN051306.D
 Acq: 18 Sep 2018 18:42

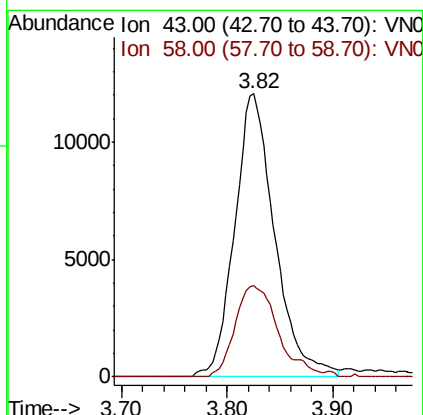
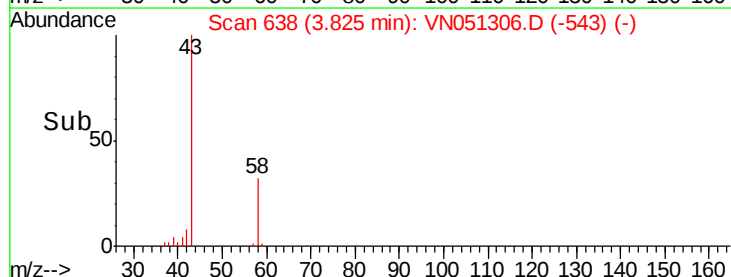
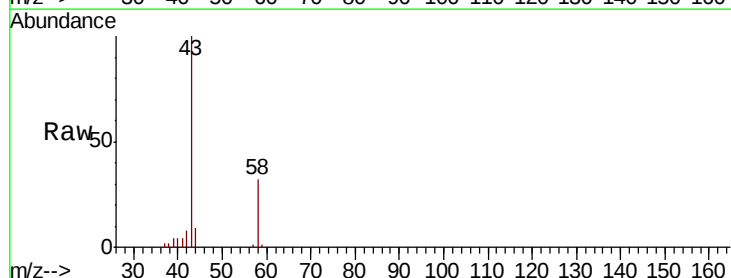
Instrument :
 MSVOA_N
 ClientSampleId :
 RB47198RT

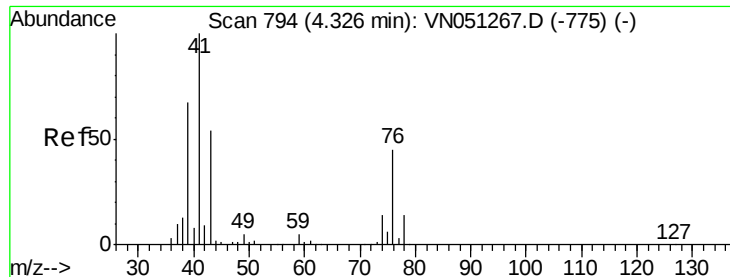
Tgt Ion: 41 Resp: 3523
 Ion Ratio Lower Upper
 41 100
 39 0.0 49.0 73.4#
 76 0.0 31.4 47.0#



#16
 Acetone
 Concen: 22.227 ug/l
 RT: 3.82 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VN051306.D
 Acq: 18 Sep 2018 18:42

Tgt Ion: 43 Resp: 31865
 Ion Ratio Lower Upper
 43 100
 58 32.2 28.2 42.2

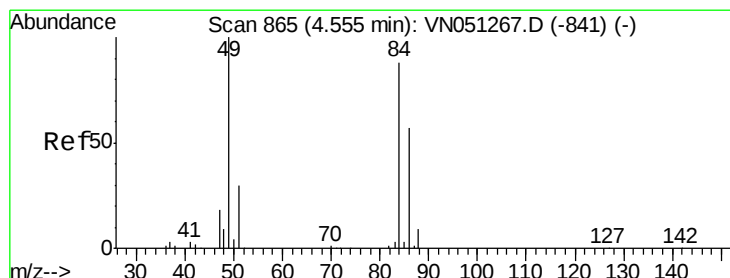
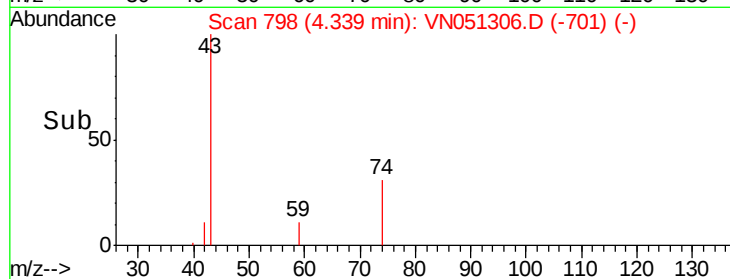
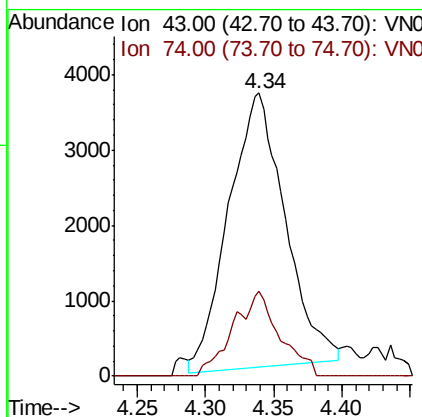
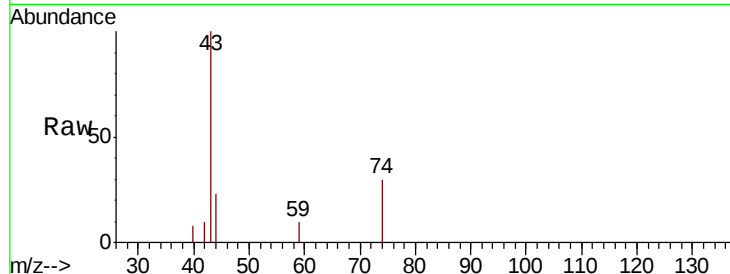




#18
Methyl Acetate
Concen: 2.620 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051306.D
Acq: 18 Sep 2018 18:42

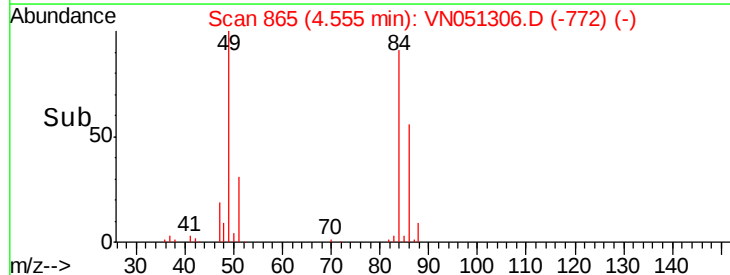
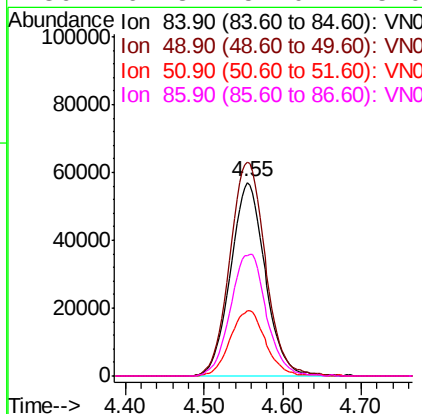
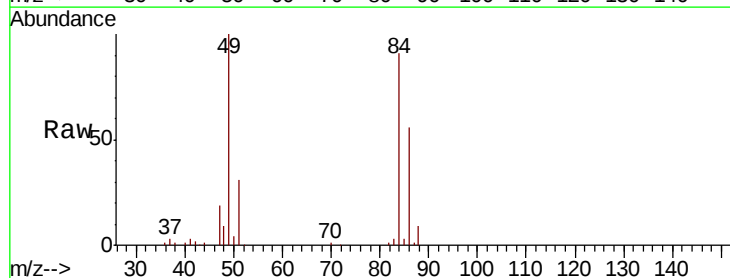
Instrument :
MSVOA_N
ClientSampleId :
RB47198RT

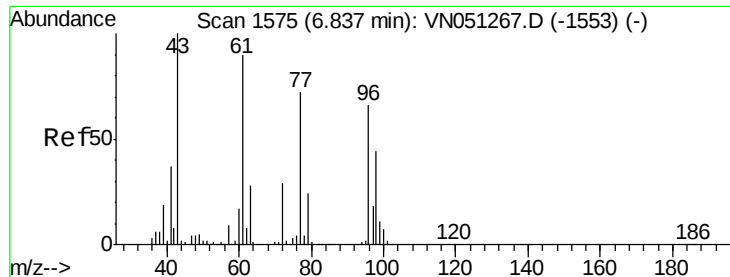
Tgt Ion: 43 Resp: 10467
Ion Ratio Lower Upper
43 100
74 25.6 20.8 31.2



#20
Methylene Chloride
Concen: 34.568 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN051306.D
Acq: 18 Sep 2018 18:42

Tgt Ion: 84 Resp: 175186
Ion Ratio Lower Upper
84 100
49 110.5 91.2 136.8
51 33.7 27.7 41.5
86 62.3 52.0 78.0

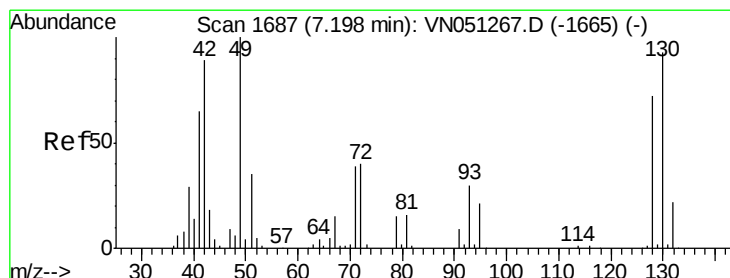
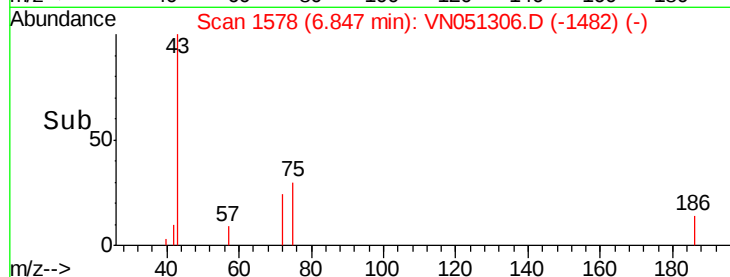
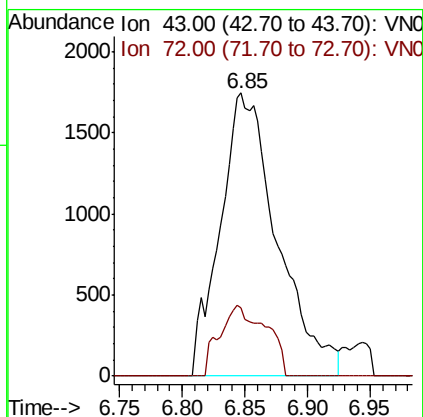
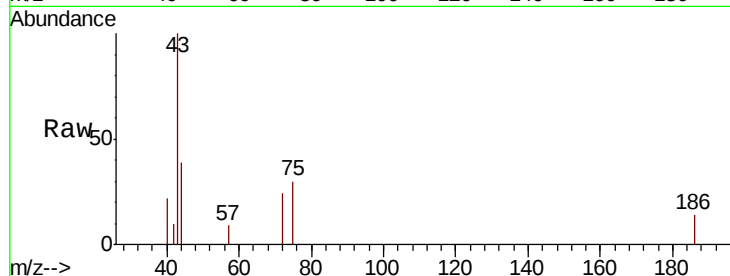




#25
2-Butanone
Concen: 3.744 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN051306.D
Acq: 18 Sep 2018 18:42

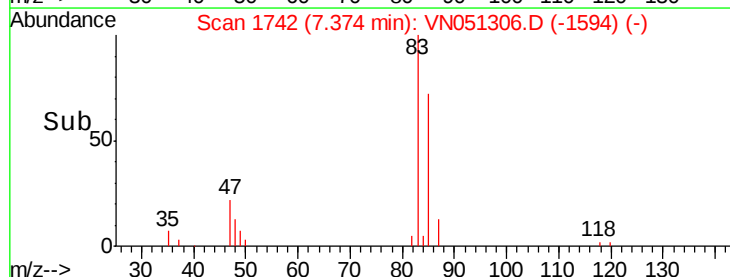
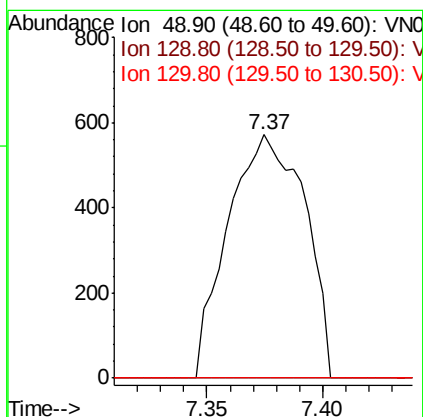
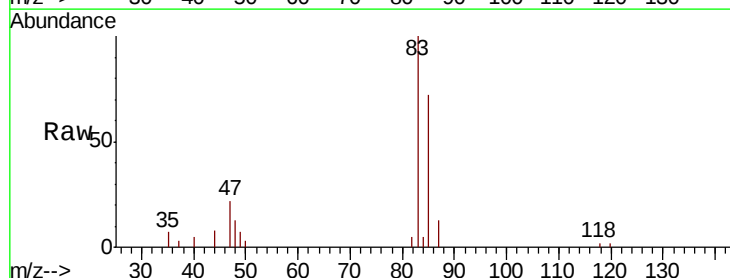
Instrument :
MSVOA_N
ClientSampleId :
RB47198RT

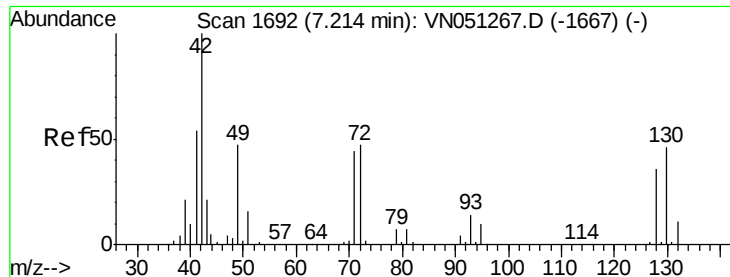
Tgt Ion: 43 Resp: 5553
Ion Ratio Lower Upper
43 100
72 24.0 23.4 35.0



#28
Bromochloromethane
Concen: 0.362 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.18 min
Lab File: VN051306.D
Acq: 18 Sep 2018 18:42

Tgt Ion: 49 Resp: 1316
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 73.7 110.5#





#29

Tetrahydrofuran

Concen: 1.316 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

RB47198RT

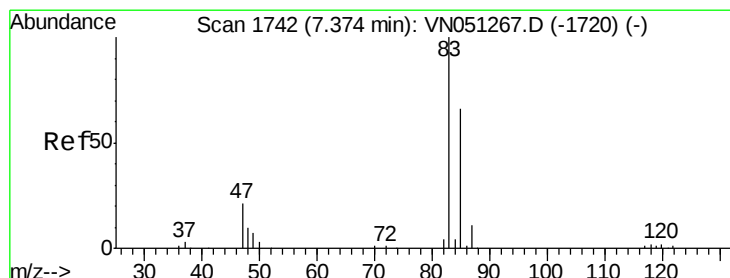
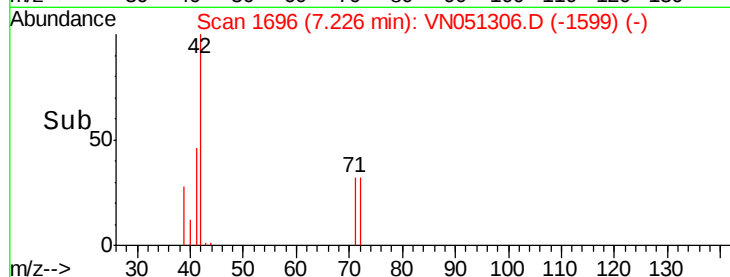
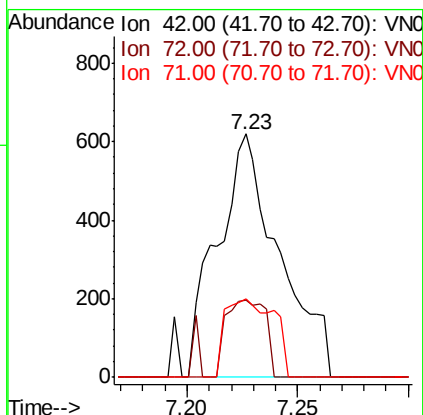
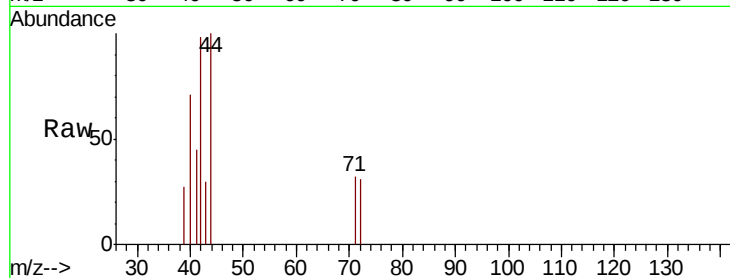
Tgt Ion: 42 Resp: 1207

Ion Ratio Lower Upper

42 100

72 20.2 37.6 56.4#

71 25.3 35.4 53.2#



#30

Chloroform

Concen: 2.319 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN051306.D

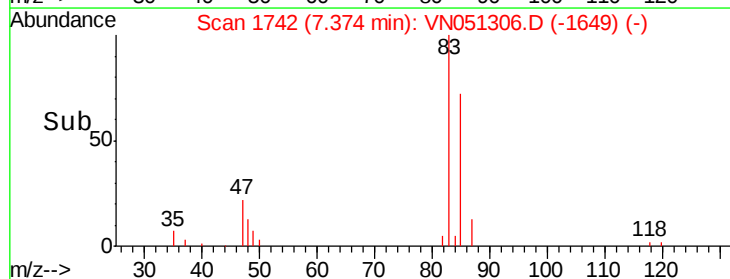
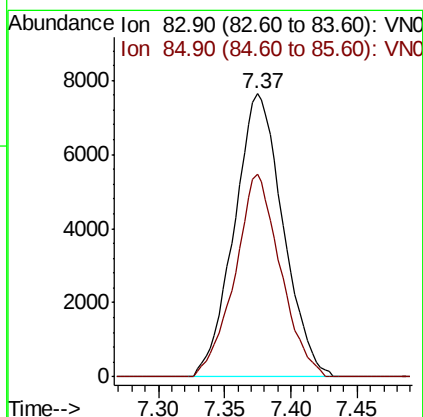
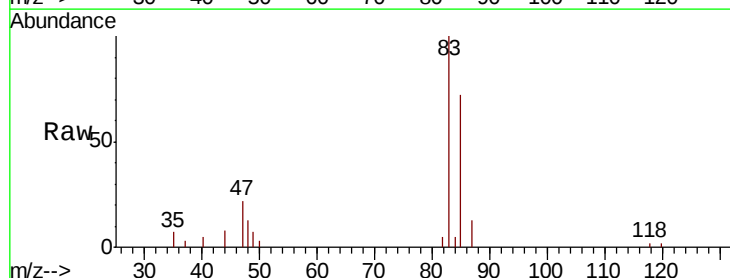
Acq: 18 Sep 2018 18:42

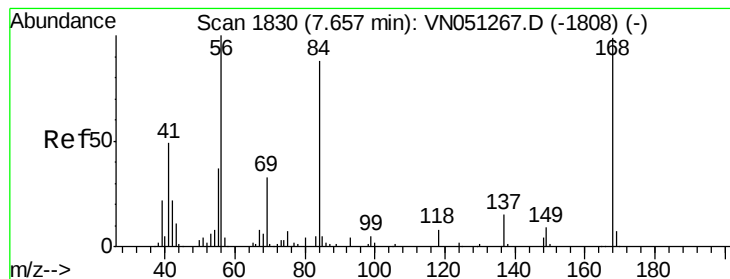
Tgt Ion: 83 Resp: 19535

Ion Ratio Lower Upper

83 100

85 71.7 52.4 78.6





#31

Cyclohexane

Concen: 0.788 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

RB47198RT

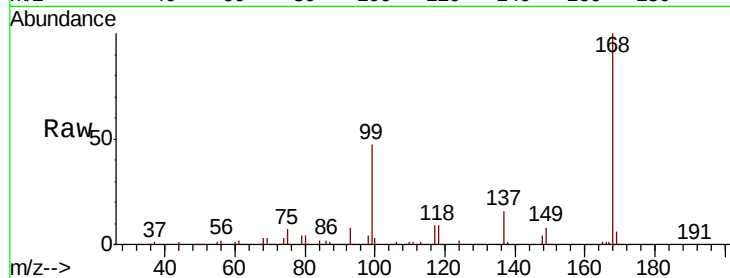
Tgt Ion: 56 Resp: 6383

Ion Ratio Lower Upper

56 100

69 197.9 26.2 39.2#

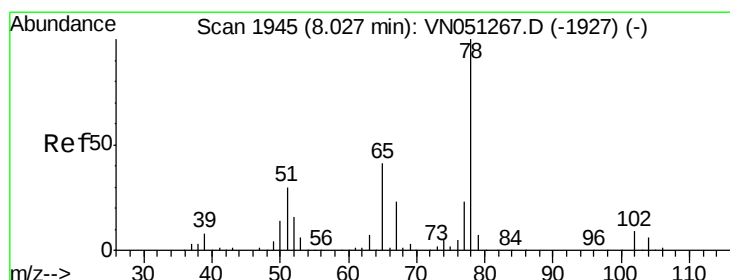
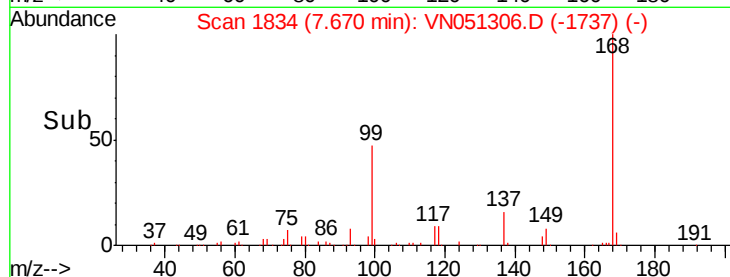
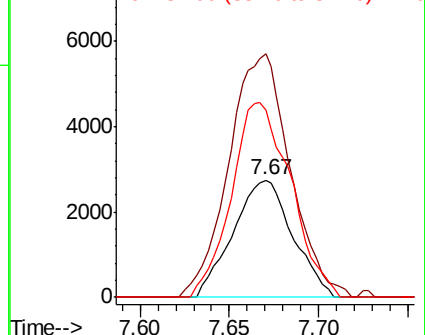
84 160.0 70.6 106.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.274 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051306.D

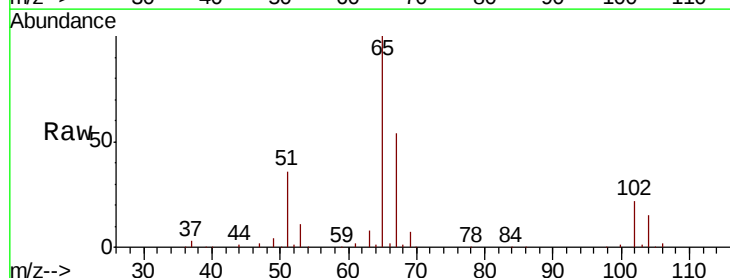
Acq: 18 Sep 2018 18:42

Tgt Ion: 65 Resp: 237415

Ion Ratio Lower Upper

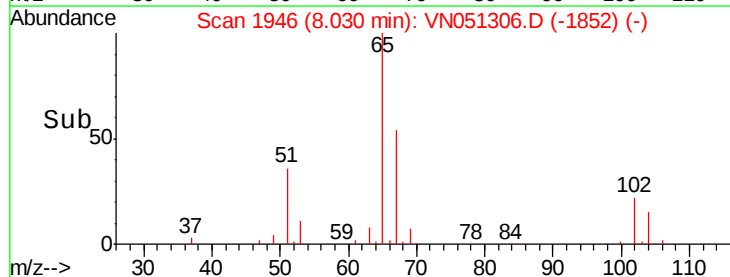
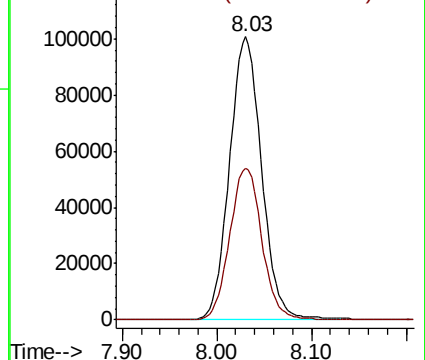
65 100

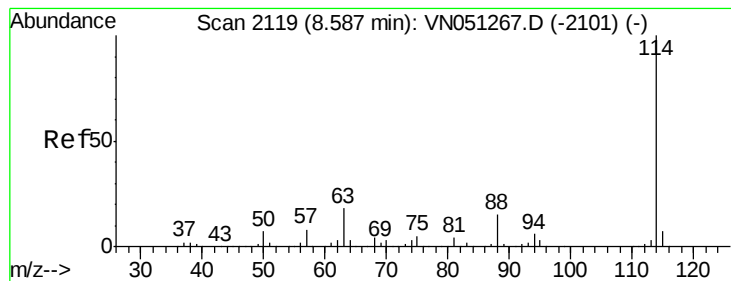
67 53.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

RB47198RT

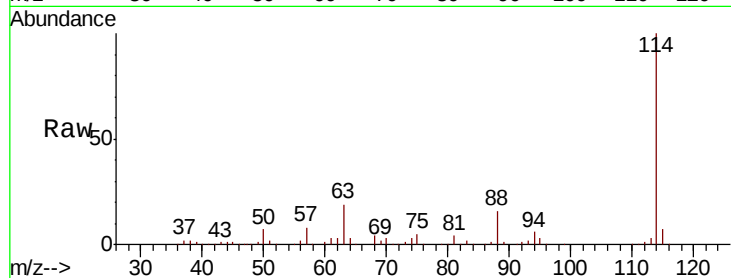
Tgt Ion:114 Resp: 662265

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

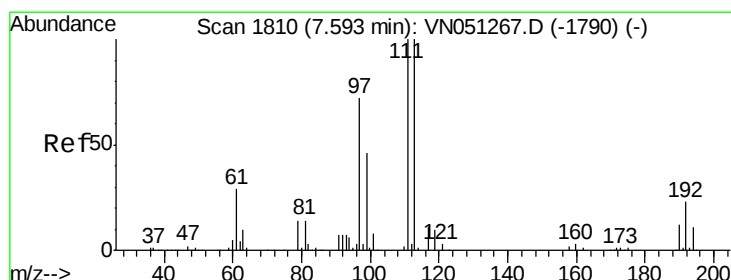
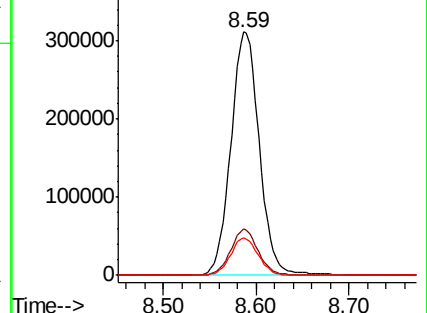
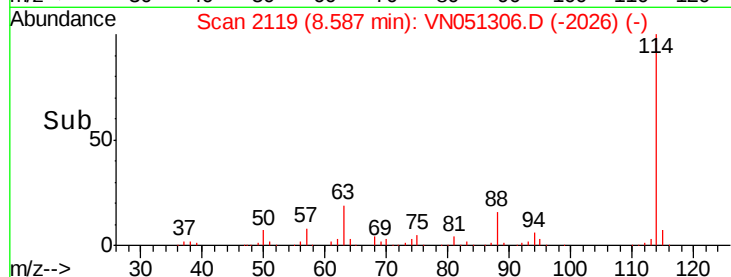
88 15.5 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.701 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

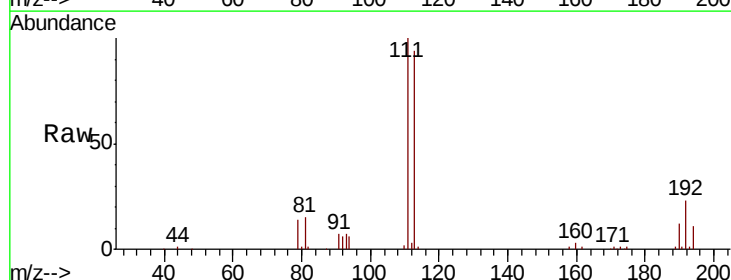
Tgt Ion:113 Resp: 245485

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

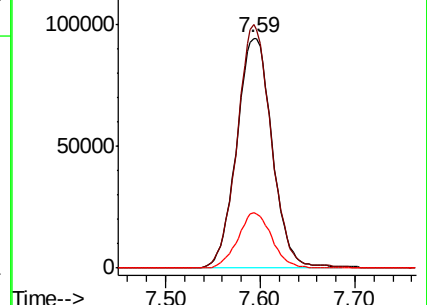
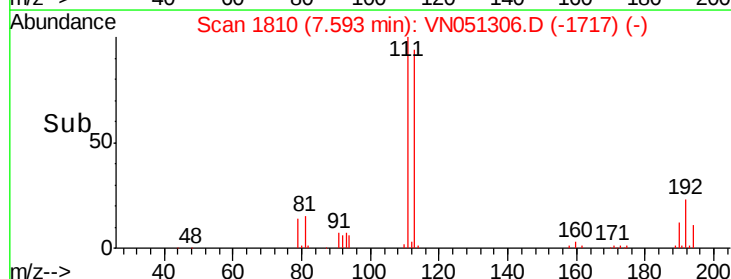
192 23.0 19.0 28.6

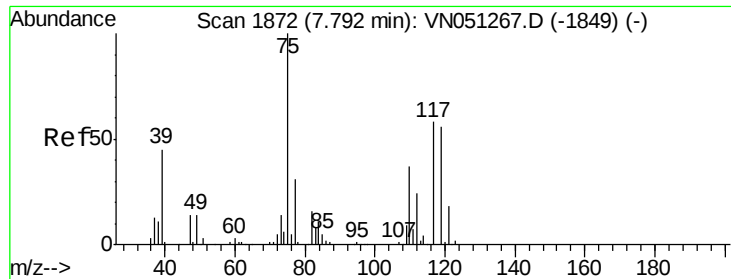


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

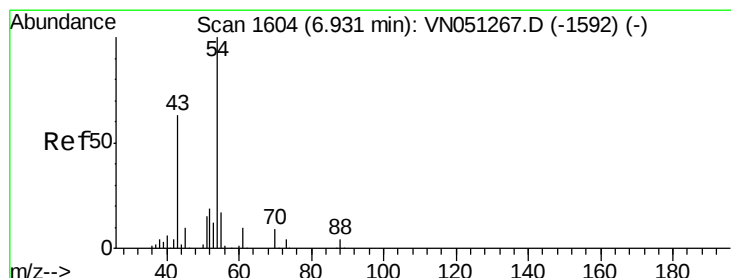
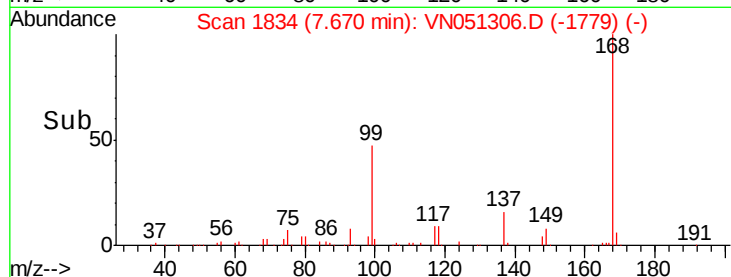
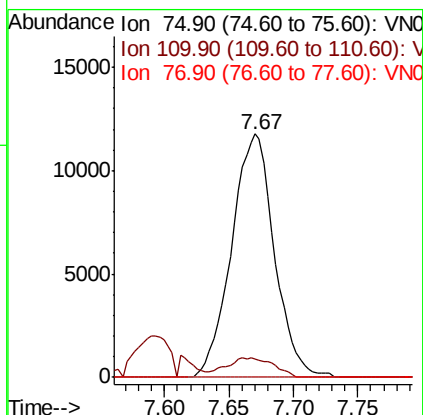
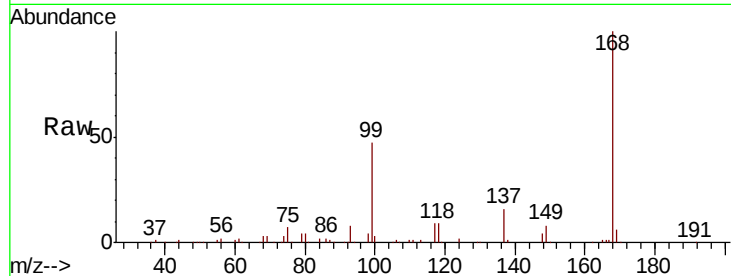




#36
 1,1-Dichloropropene
 Concen: 3.783 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN051306.D
 Acq: 18 Sep 2018 18:42

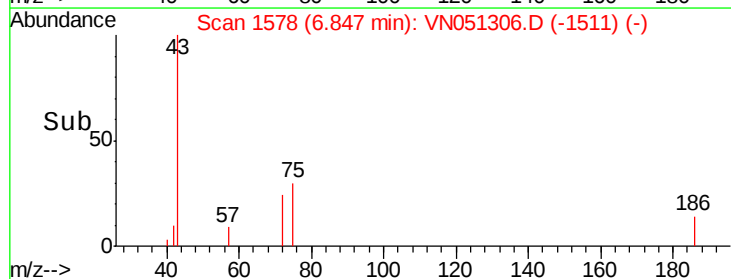
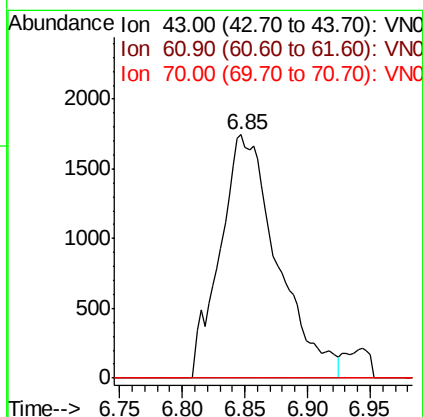
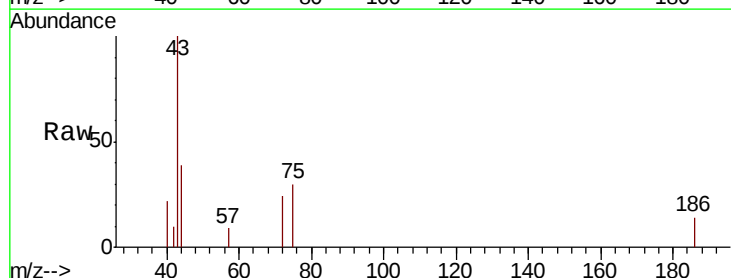
Instrument :
 MSVOA_N
 ClientSampleId :
 RB47198RT

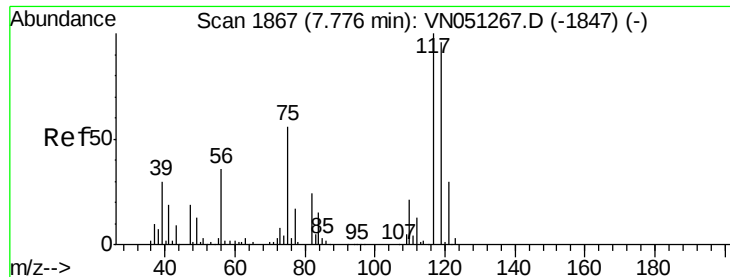
Tgt Ion: 75 Resp: 27118
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.6 56.0#
 77 0.0 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 1.507 ug/l
 RT: 6.85 min Scan# 1578
 Delta R.T. -0.08 min
 Lab File: VN051306.D
 Acq: 18 Sep 2018 18:42

Tgt Ion: 43 Resp: 5553
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.3 18.5#
 70 0.0 9.4 14.0#





#38

Carbon Tetrachloride

Concen: 4.885 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.11 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

RB47198RT

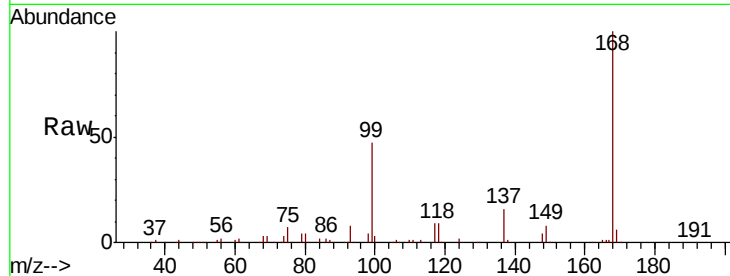
Tgt Ion: 117 Resp: 36514

Ion Ratio Lower Upper

117 100

119 4.9 76.8 115.2#

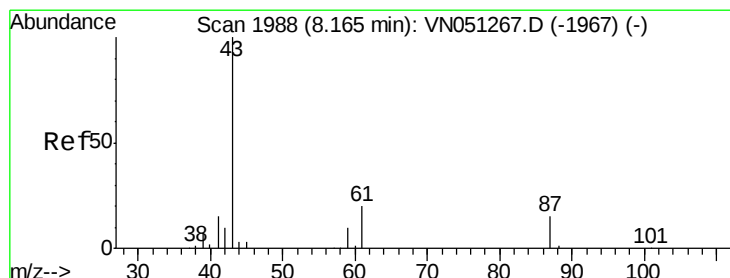
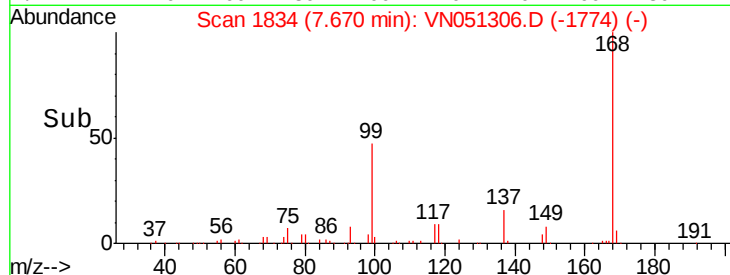
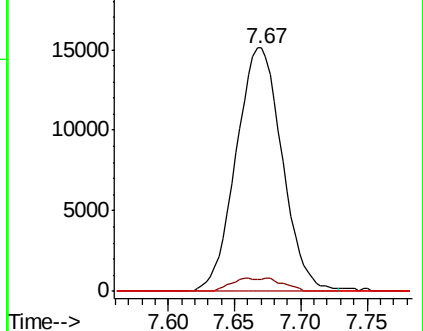
121 0.0 24.2 36.2#



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: 36.432 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

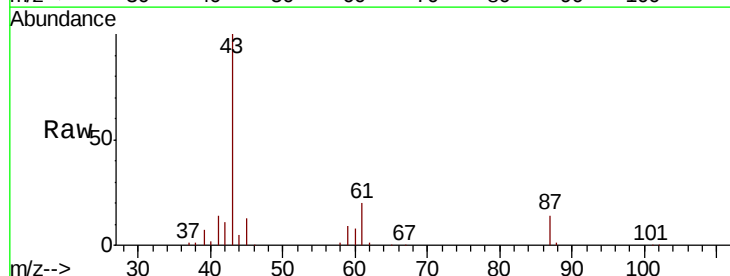
Tgt Ion: 43 Resp: 232321

Ion Ratio Lower Upper

43 100

61 18.0 17.4 26.2

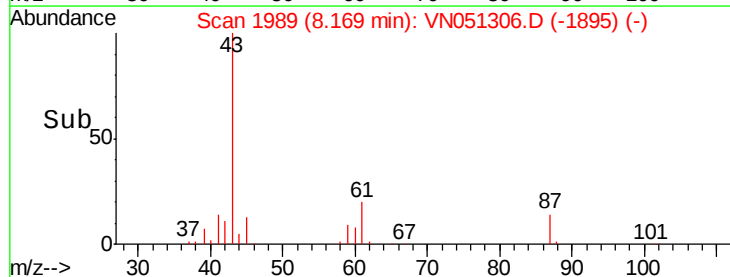
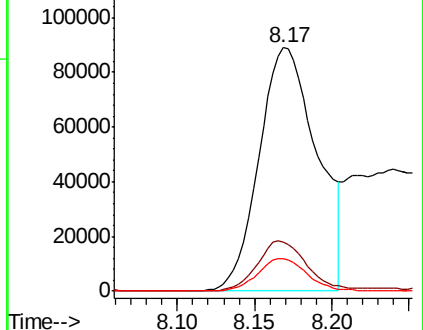
87 11.4 12.2 18.4#

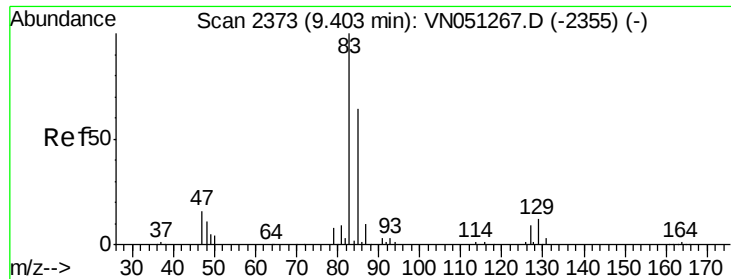


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#47

Bromodichloromethane

Concen: 0.669 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

RB47198RT

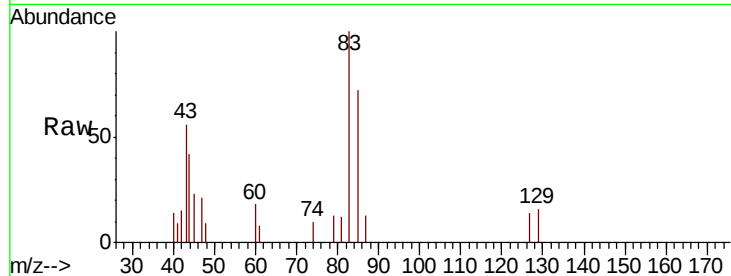
Tgt Ion: 83 Resp: 4694

Ion Ratio Lower Upper

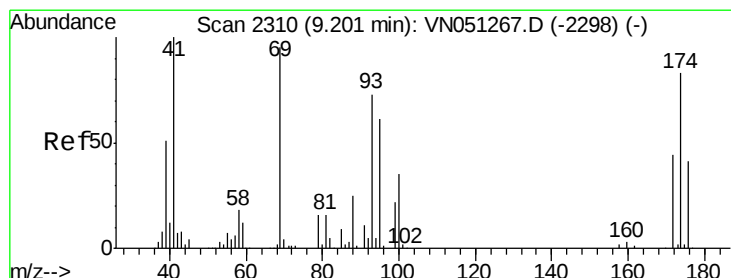
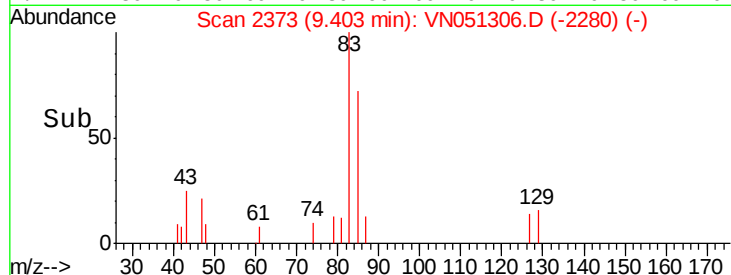
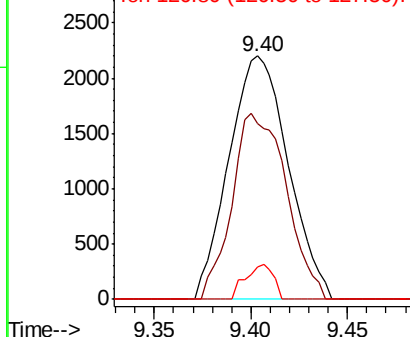
83 100

85 72.3 51.0 76.4

127 13.5 7.1 10.7#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 2.064 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

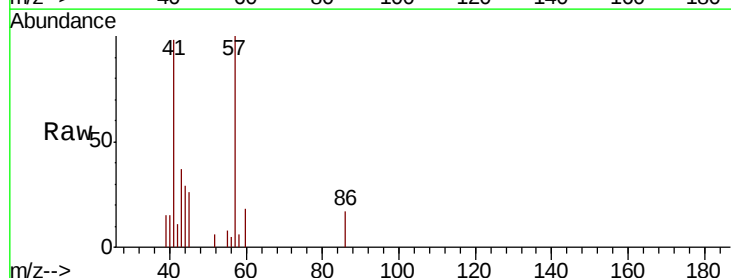
Tgt Ion: 41 Resp: 6339

Ion Ratio Lower Upper

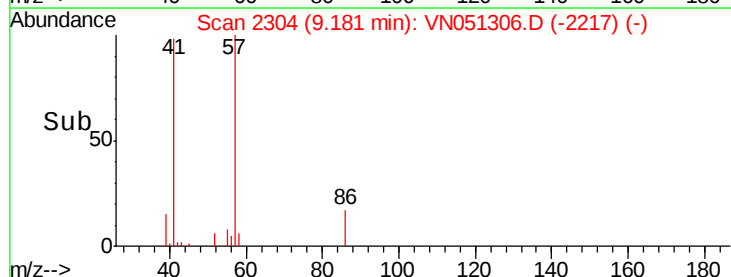
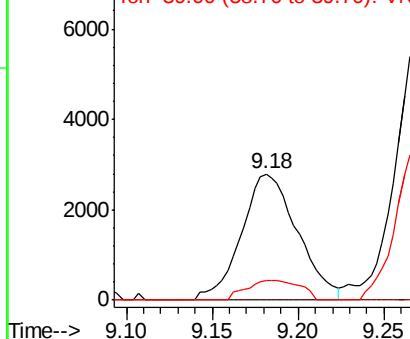
41 100

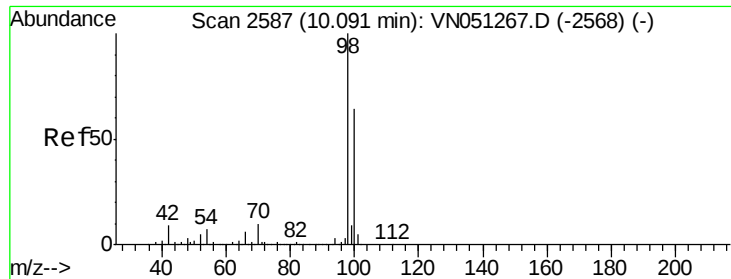
69 0.0 78.9 118.3#

39 14.9 42.2 63.2#



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





#50

Toluene-d8

Concen: 45.158 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

Instrument :

MSVOA_N

ClientSampled :

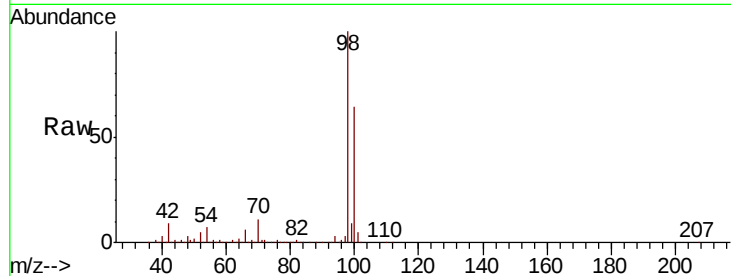
RB47198RT

Tgt Ion: 98 Resp: 859030

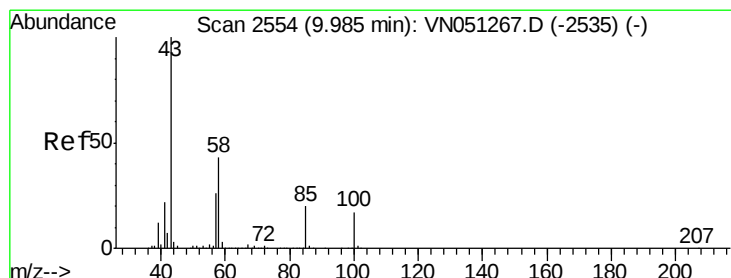
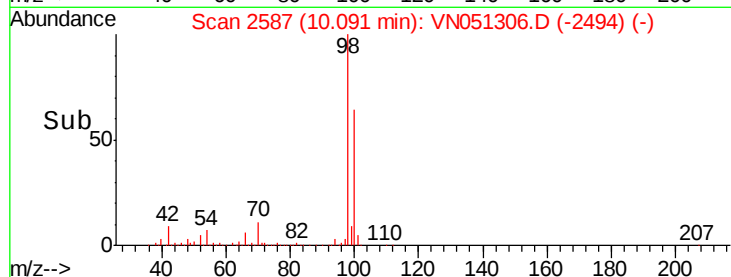
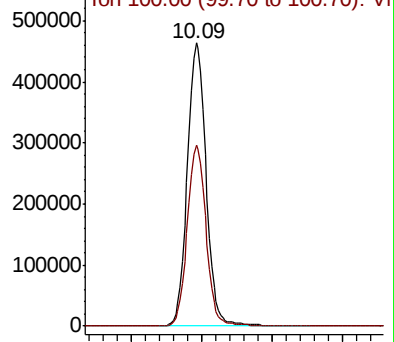
Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN051306.D (-2494) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.861 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN051306.D

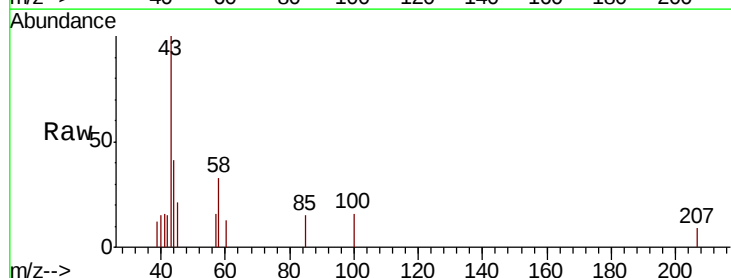
Acq: 18 Sep 2018 18:42

Tgt Ion: 43 Resp: 2834

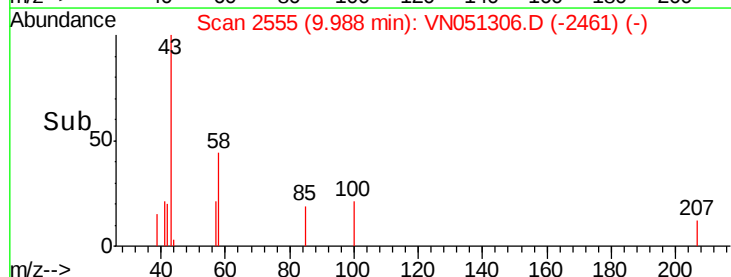
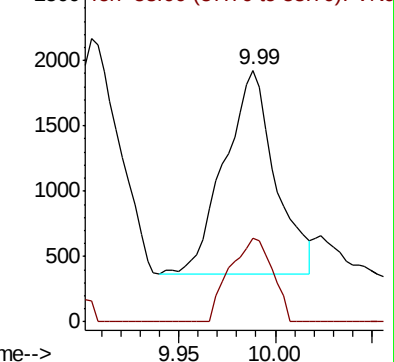
Ion Ratio Lower Upper

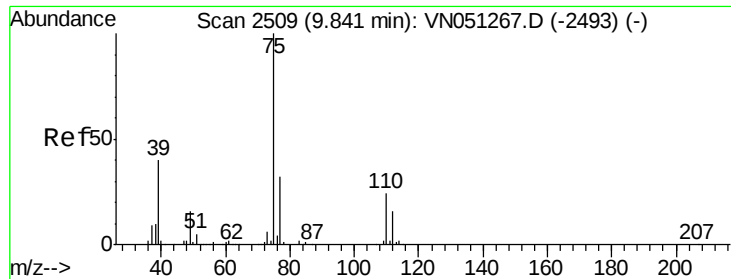
43 100

58 34.9 33.8 50.6



Abundance Ion 43.00 (42.70 to 43.70): VN051306.D (-2461) (-)





#54

cis-1,3-Dichloropropene

Concen: 0.202 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.06 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

Instrument :

MSVOA_N

ClientSampled :

RB47198RT

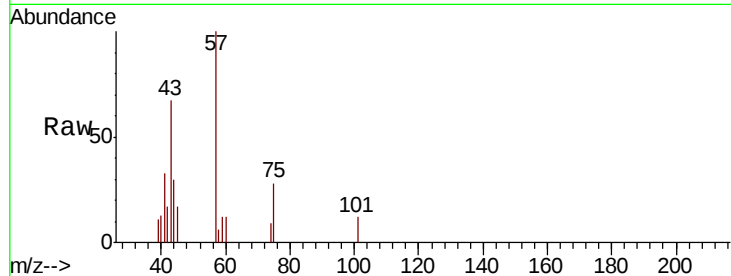
Tgt Ion: 75 Resp: 1592

Ion Ratio Lower Upper

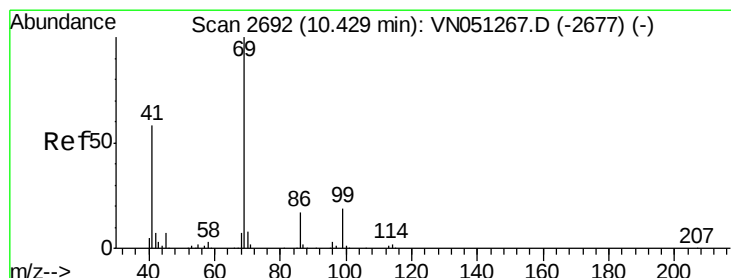
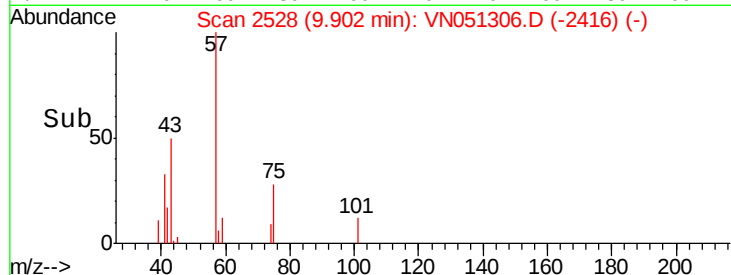
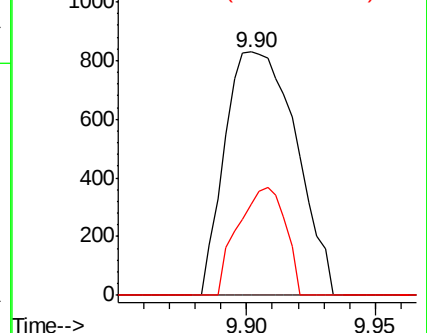
75 100

77 0.0 25.8 38.8#

39 37.2 31.8 47.8



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 76.90 (76.60 to 77.60): VNO
Ion 39.00 (38.70 to 39.70): VNO



#56

Ethyl methacrylate

Concen: 2.098 ug/l

RT: 10.27 min Scan# 2642

Delta R.T. -0.16 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

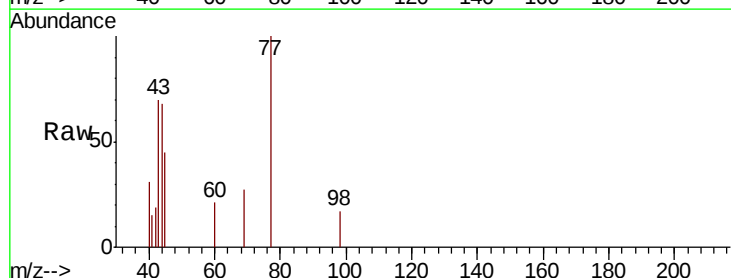
Tgt Ion: 69 Resp: 189

Ion Ratio Lower Upper

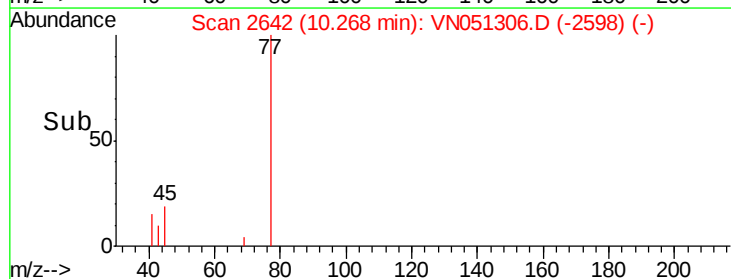
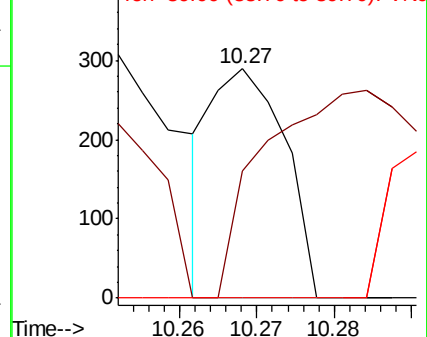
69 100

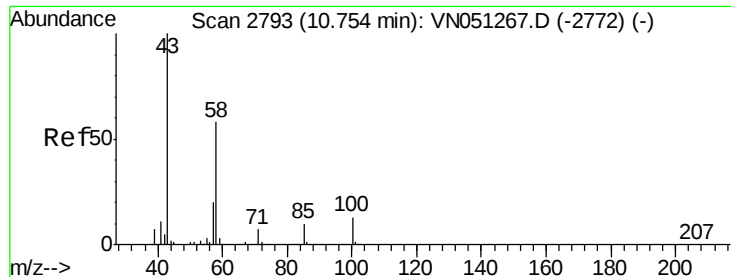
41 0.0 47.4 71.0#

39 0.0 23.7 35.5#



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

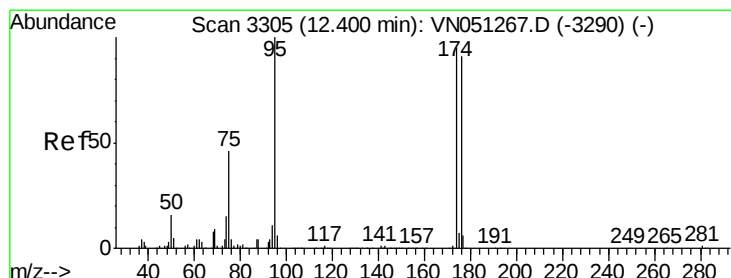
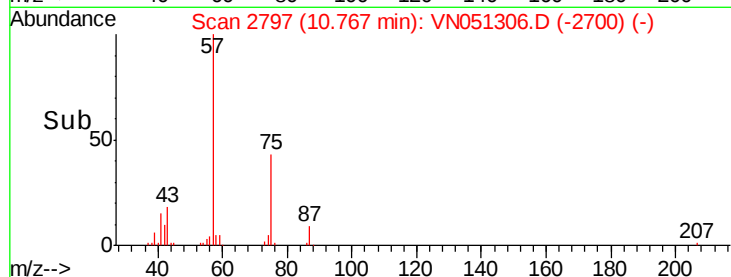
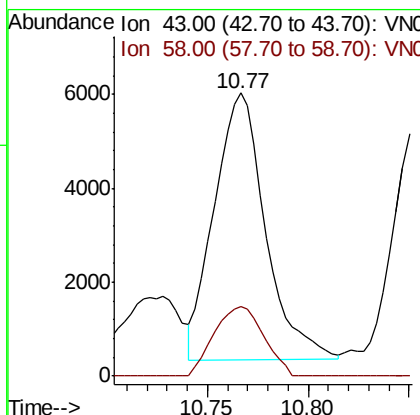
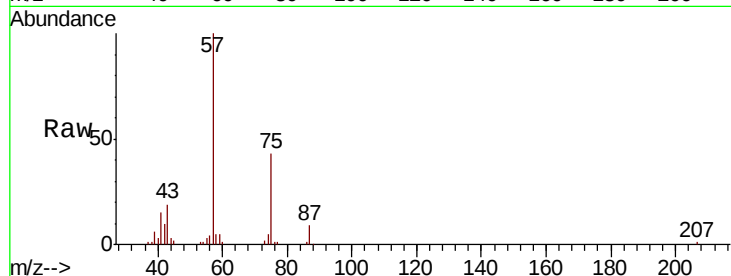




#59
2-Hexanone
Concen: 4.614 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051306.D
Acq: 18 Sep 2018 18:42

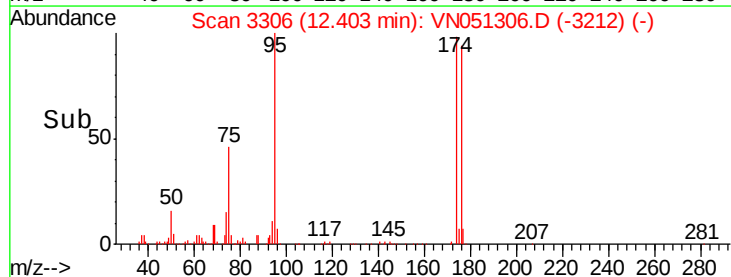
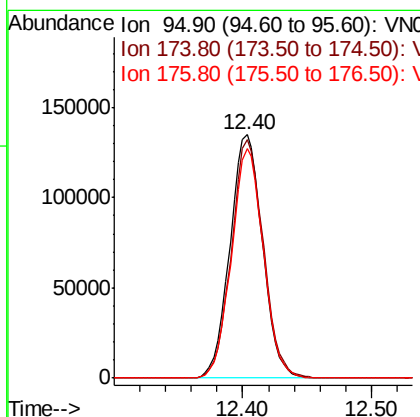
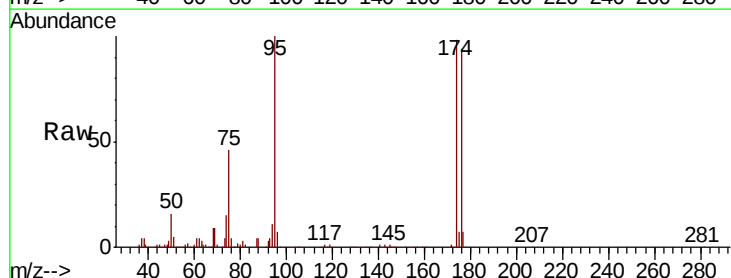
Instrument :
MSVOA_N
ClientSampleId :
RB47198RT

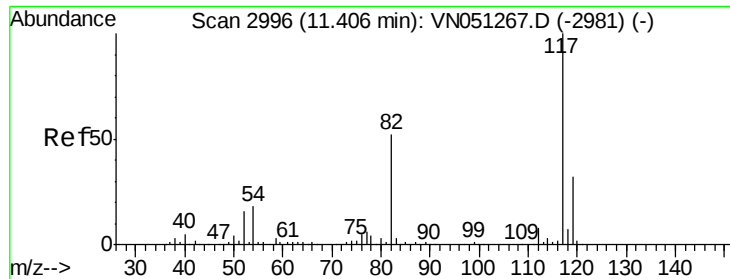
Tgt Ion: 43 Resp: 9997
Ion Ratio Lower Upper
43 100
58 25.4 28.9 86.8#



#62
4-Bromofluorobenzene
Concen: 38.959 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051306.D
Acq: 18 Sep 2018 18:42

Tgt Ion: 95 Resp: 235724
Ion Ratio Lower Upper
95 100
174 96.6 0.0 189.6
176 92.4 0.0 182.6

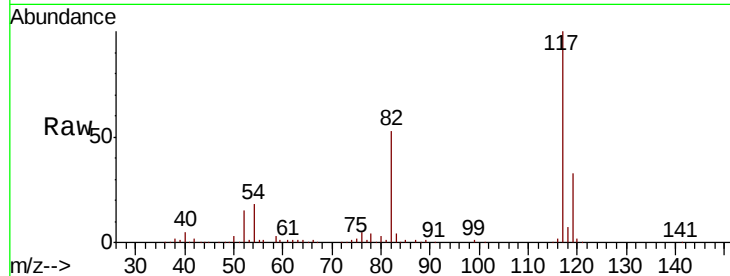




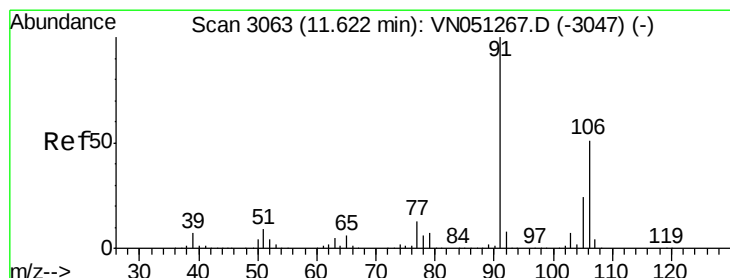
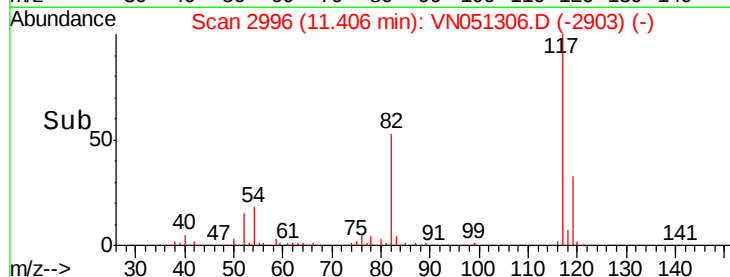
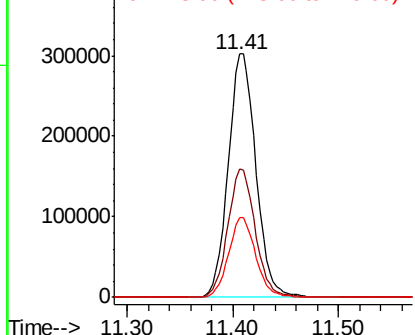
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051306.D
Acq: 18 Sep 2018 18:42

Instrument :
MSVOA_N
ClientSampleId :
RB47198RT

Tgt Ion:117 Resp: 546787
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 32.5 25.6 38.4

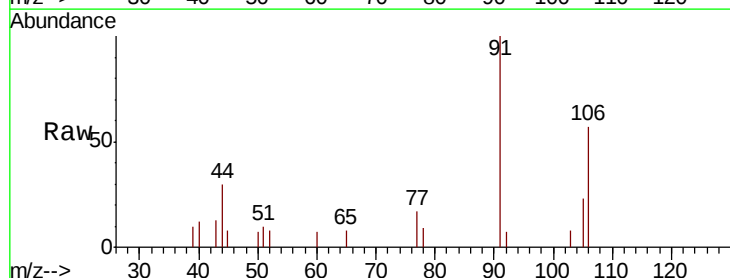


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

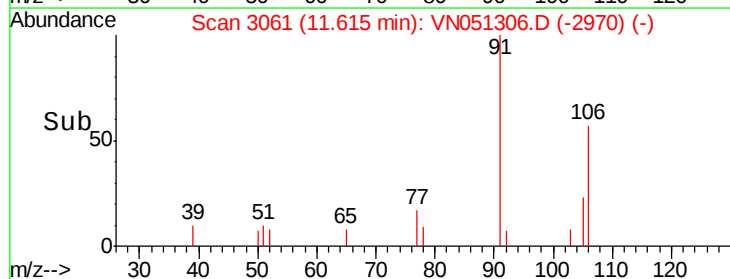
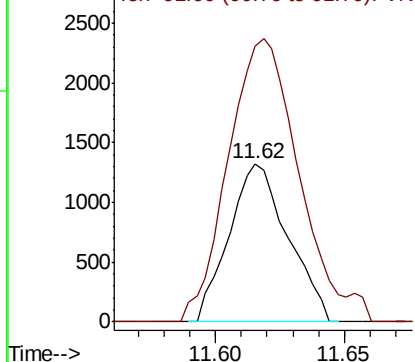


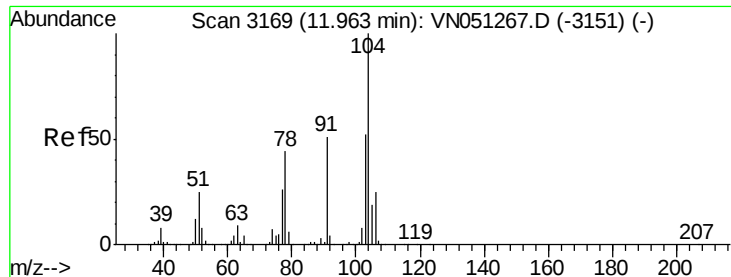
#68
m/p-Xylenes
Concen: 0.251 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN051306.D
Acq: 18 Sep 2018 18:42

Tgt Ion:106 Resp: 2104
Ion Ratio Lower Upper
106 100
91 215.9 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#70

Styrene

Concen: 1.285 ug/l

RT: 11.97 min Scan# 3170

Delta R.T. 0.00 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

Instrument :

MSVOA_N

ClientSampleID :

RB47198RT

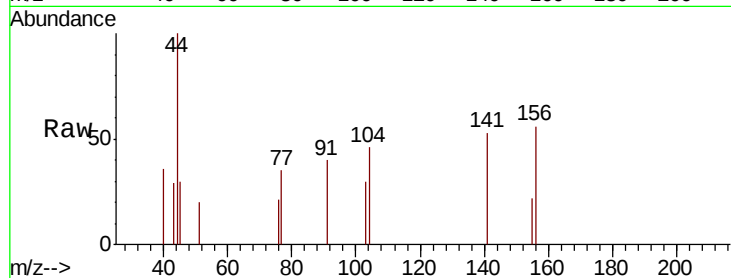
Tgt Ion:104 Resp: 597

Ion Ratio Lower Upper

104 100

78 17.9 38.1 57.1#

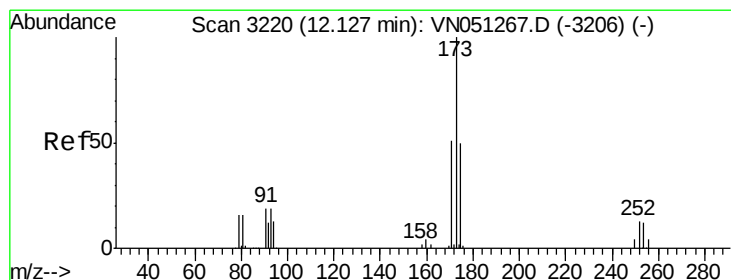
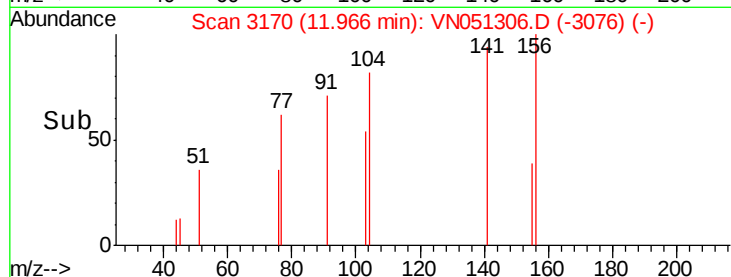
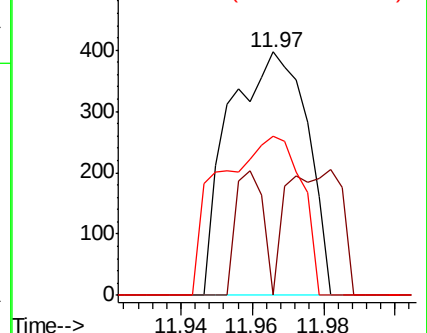
103 69.0 44.8 67.2#



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



#71

Bromoform

Concen: 0.361 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

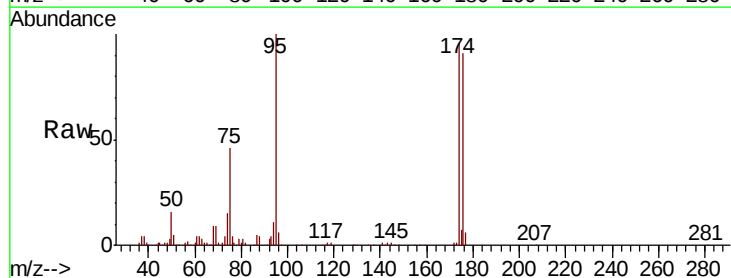
Tgt Ion:173 Resp: 1227

Ion Ratio Lower Upper

173 100

175 1131.1 24.4 73.2#

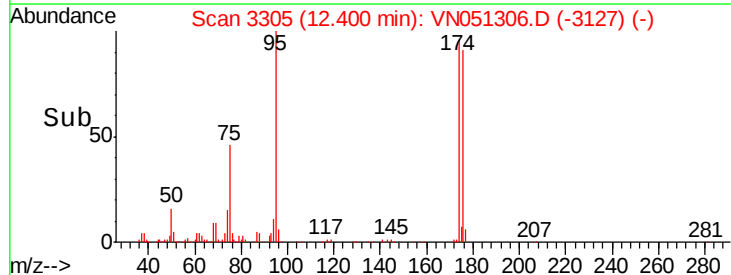
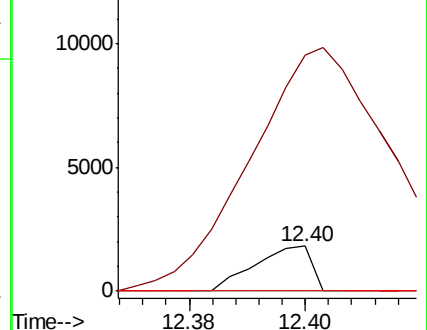
254 0.0 0.1 0.1#

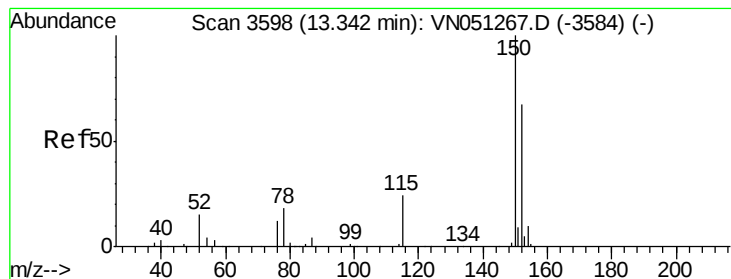


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

RB47198RT

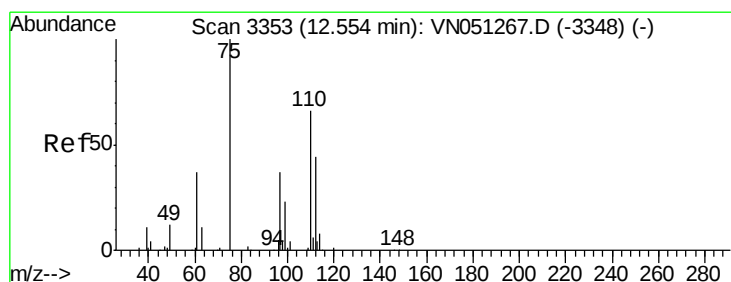
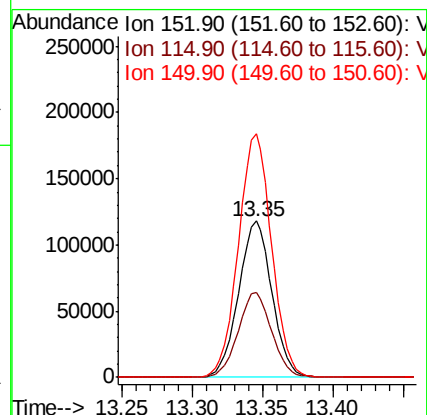
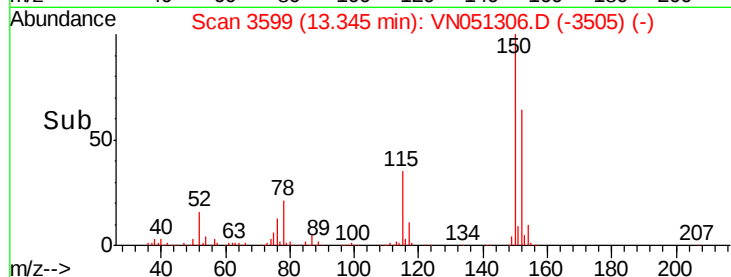
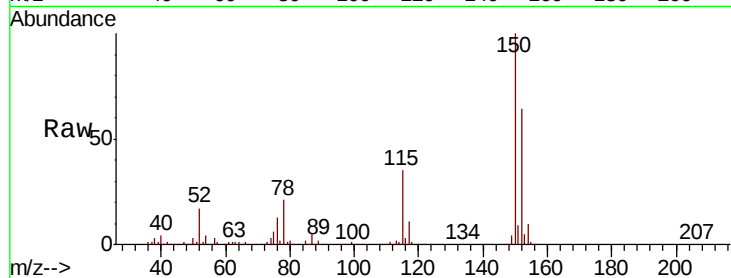
Tgt Ion: 152 Resp: 195072

Ion Ratio Lower Upper

152 100

115 54.9 27.1 81.2

150 155.4 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 39.868 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051306.D

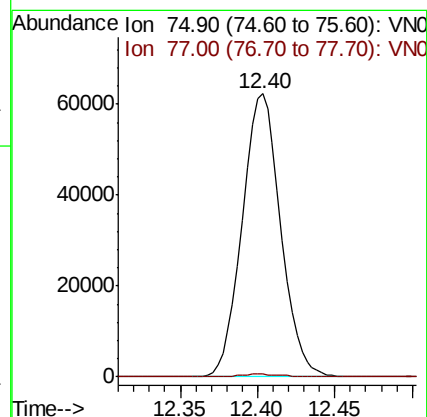
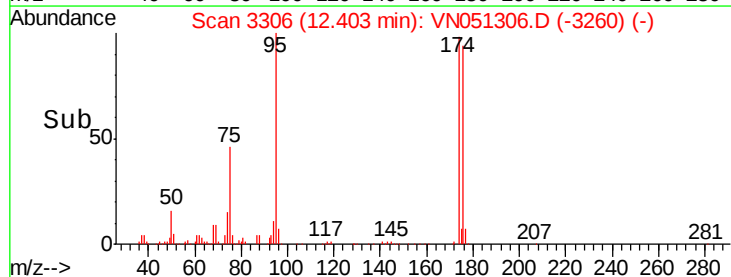
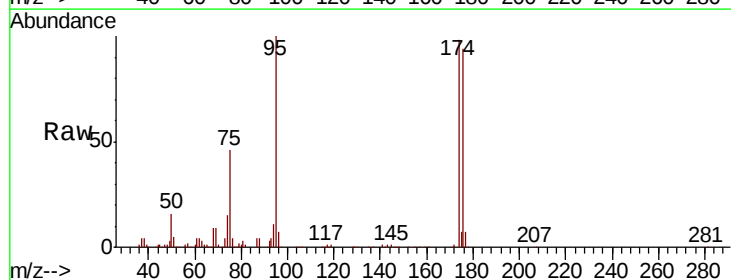
Acq: 18 Sep 2018 18:42

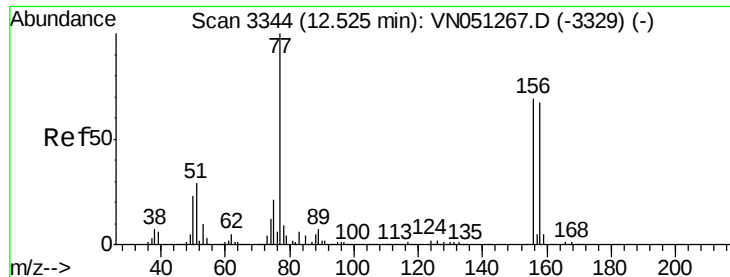
Tgt Ion: 75 Resp: 107825

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#





#77

Bromobenzene

Concen: 0.945 ug/l

RT: 12.54 min Scan# 3350

Delta R.T. 0.02 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

RB47198RT

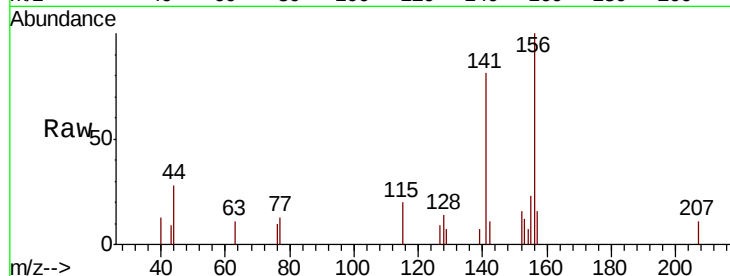
Tgt Ion:156 Resp: 7518

Ion Ratio Lower Upper

156 100

77 8.3 83.7 251.1#

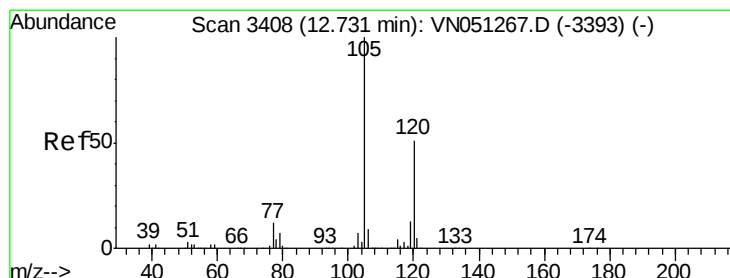
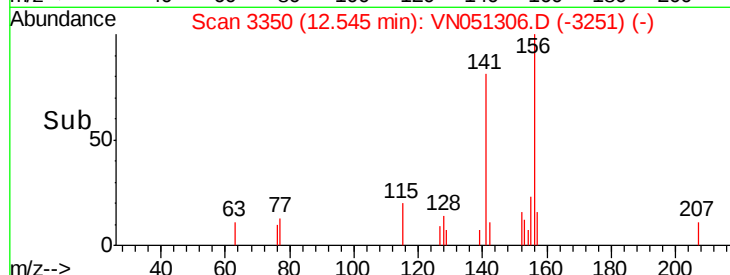
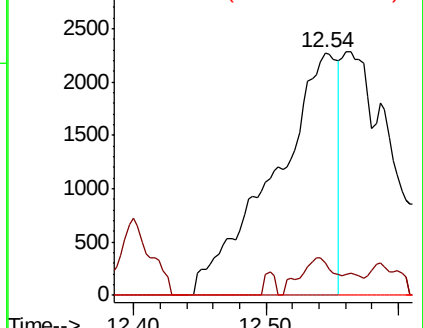
158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.327 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051306.D

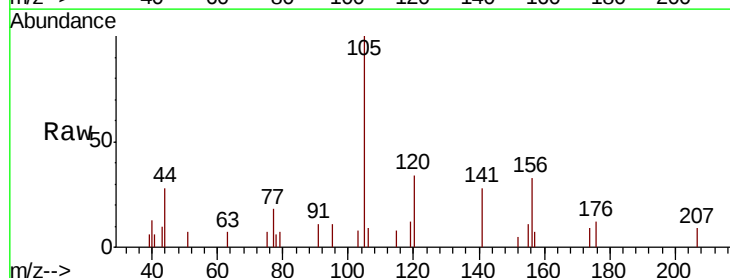
Acq: 18 Sep 2018 18:42

Tgt Ion:105 Resp: 4304

Ion Ratio Lower Upper

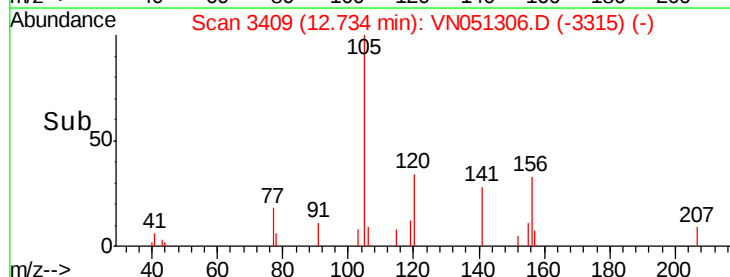
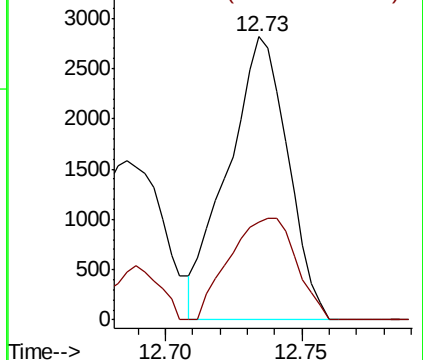
105 100

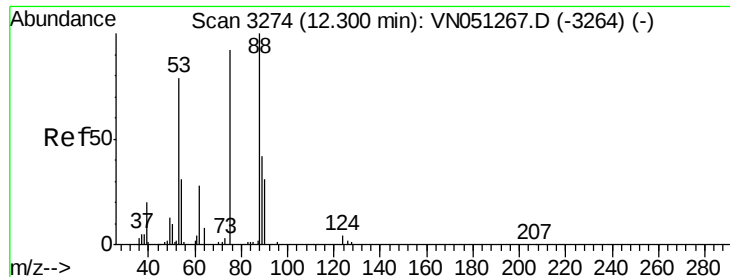
120 39.9 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 122.766 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

RB47198RT

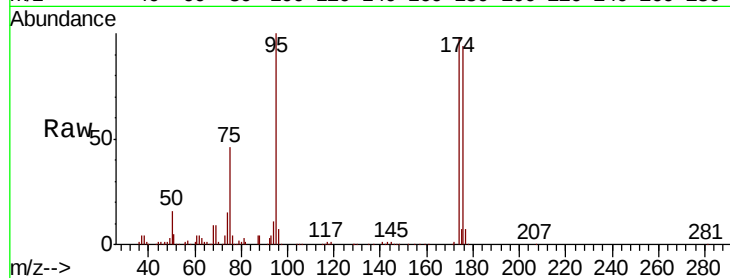
Tgt Ion: 75 Resp: 107825

Ion Ratio Lower Upper

75 100

53 0.1 67.7 101.5#

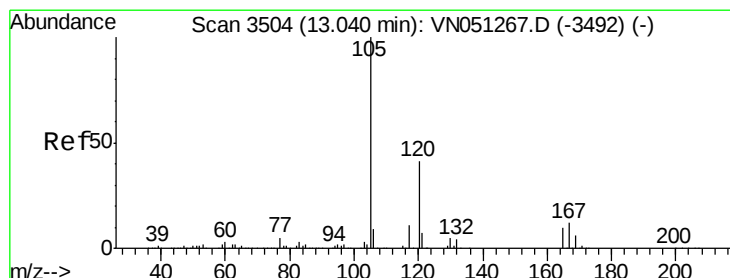
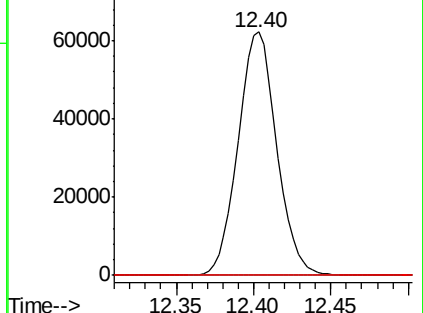
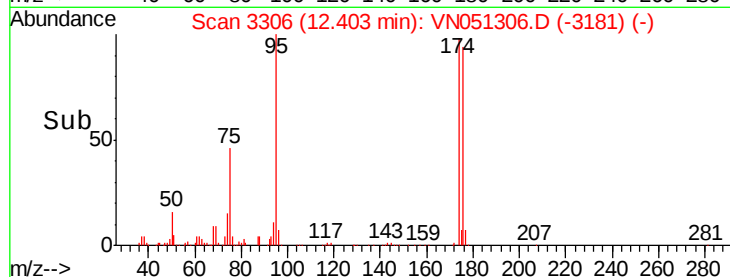
89 0.1 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN051306.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN051306.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN051306.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.894 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051306.D

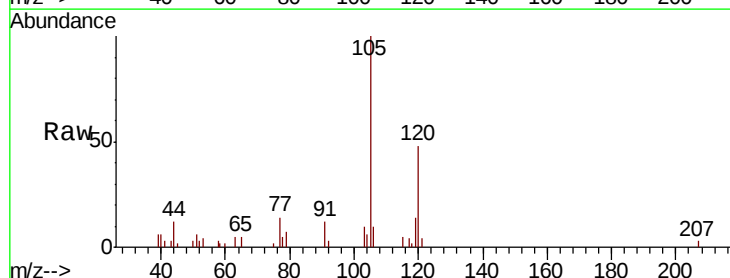
Acq: 18 Sep 2018 18:42

Tgt Ion: 105 Resp: 11417

Ion Ratio Lower Upper

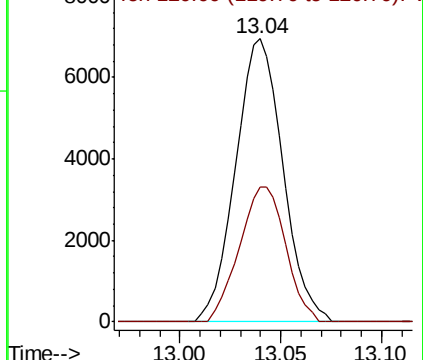
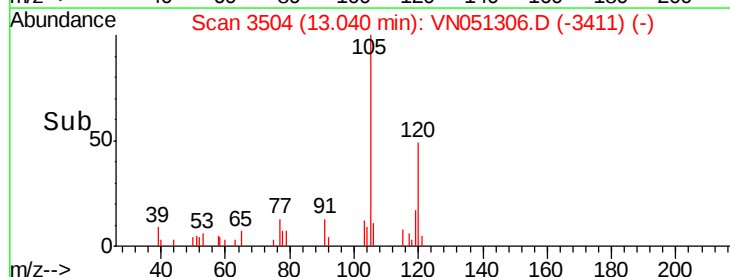
105 100

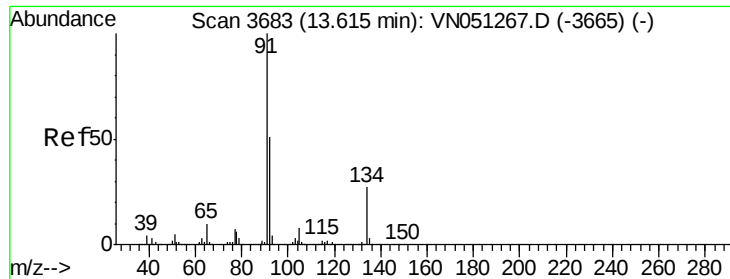
120 46.7 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VN051306.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN051306.D (-3411) (-)





#89

n-Butylbenzene

Concen: 2.054 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

Instrument :

MSVOA_N

ClientSampled :

RB47198RT

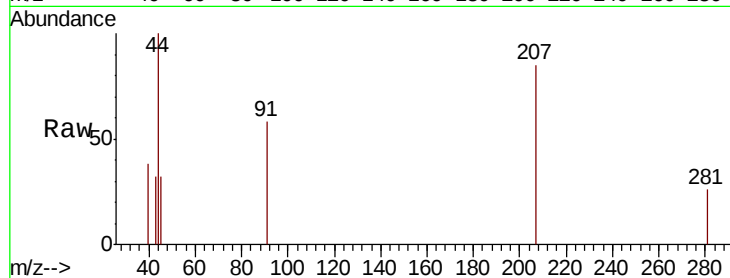
Tgt Ion: 91 Resp: 389

Ion Ratio Lower Upper

91 100

92 0.0 25.8 77.4#

134 0.0 13.7 41.0#

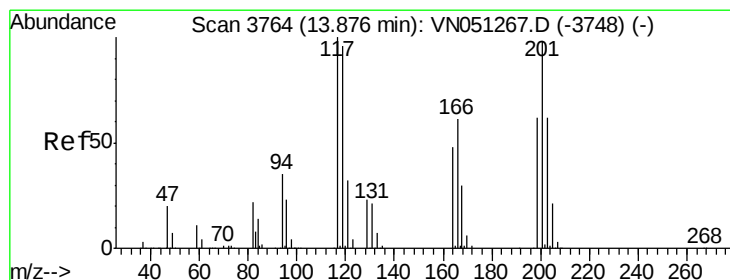
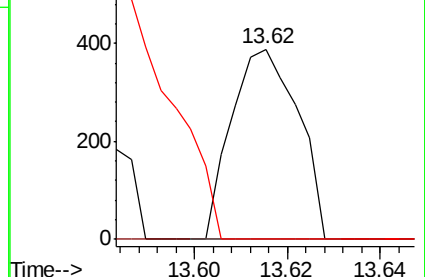
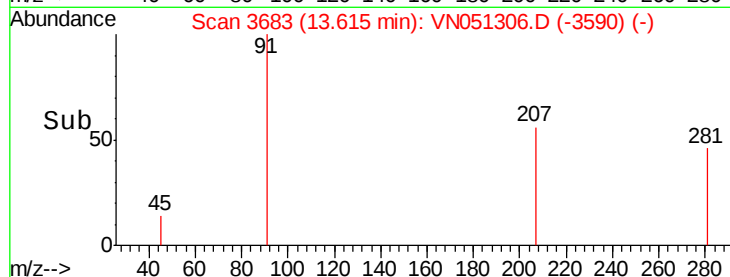


Abundance Ion 91.00 (90.70 to 91.70): VN051267.D (-3665) (-)

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

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

Time-->



#90

Hexachloroethane

Concen: Below Cal

RT: 13.90 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN051306.D

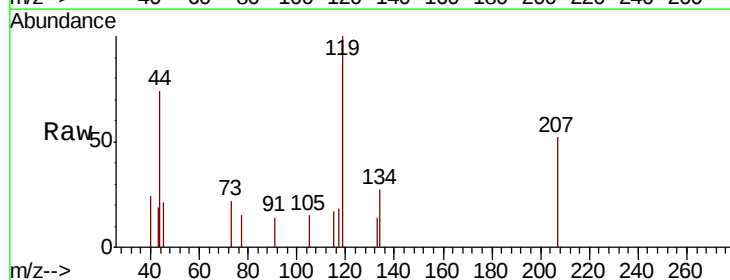
Acq: 18 Sep 2018 18:42

Tgt Ion: 117 Resp: 205

Ion Ratio Lower Upper

117 100

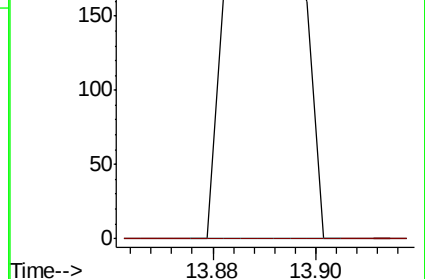
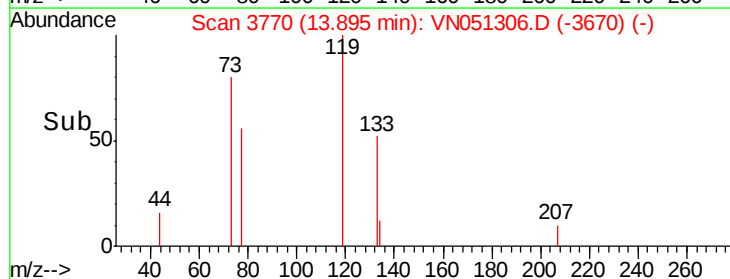
201 0.0 48.4 145.3#

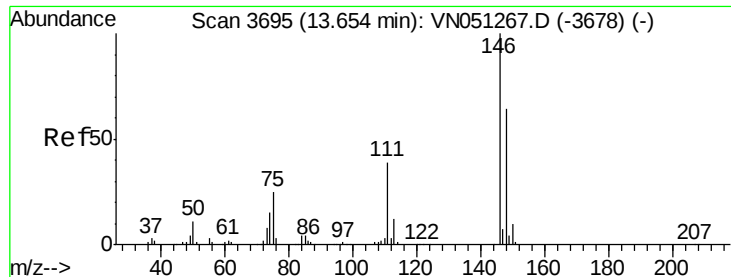


Abundance Ion 116.80 (116.50 to 117.50): VN051267.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN051267.D (-3748) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

RB47198RT

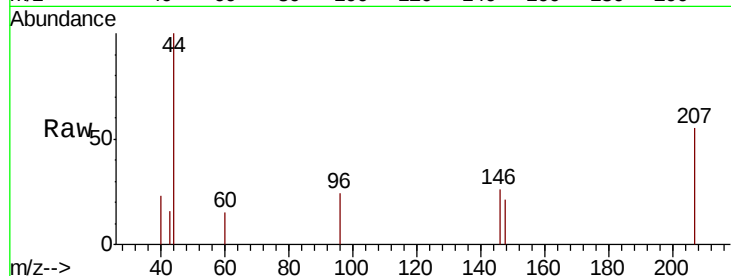
Tgt Ion: 146 Resp: 363

Ion Ratio Lower Upper

146 100

111 0.0 19.6 58.7#

148 64.7 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

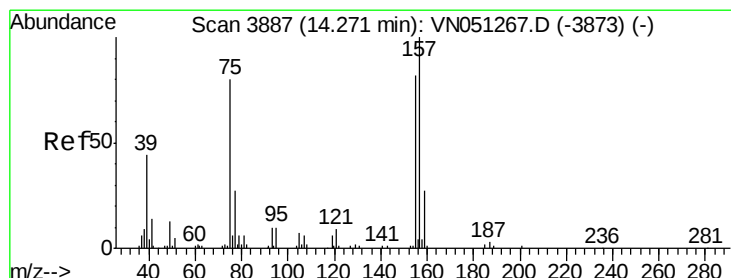
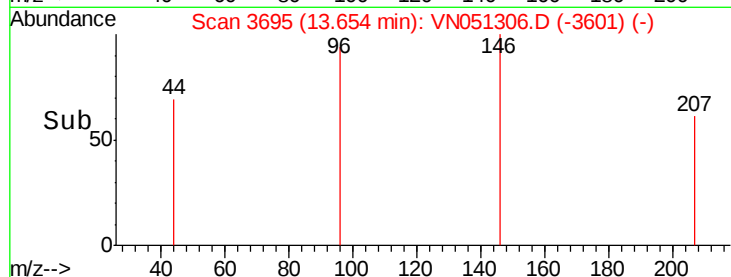
13.65

200

100

0

Time--> 13.62 13.64 13.66 13.68



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.482 ug/l

RT: 14.51 min Scan# 3961

Delta R.T. 0.24 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

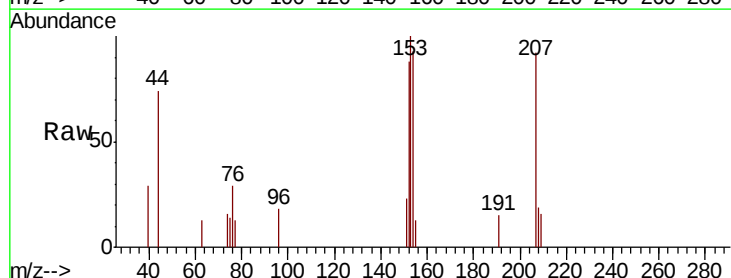
Tgt Ion: 75 Resp: 154

Ion Ratio Lower Upper

75 100

155 39.0 50.2 150.7#

157 0.0 62.9 188.7#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.51

200

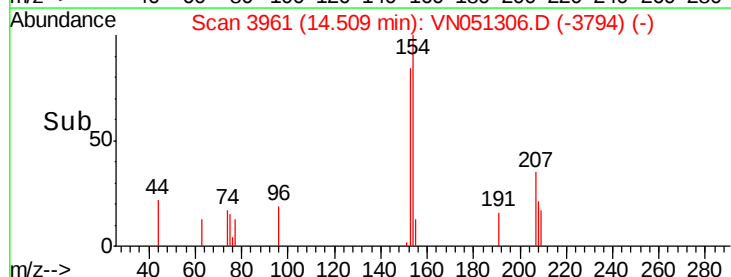
150

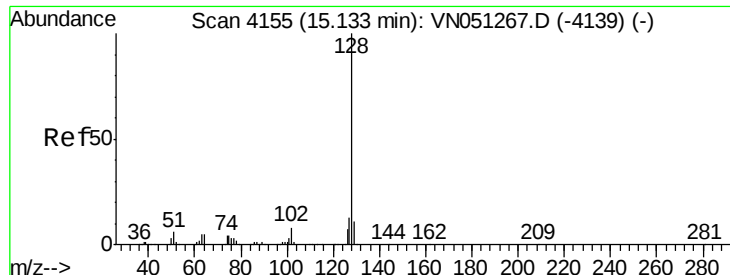
100

50

0

Time--> 14.50 14.52





#95

Naphthalene

Concen: 24.552 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051306.D

Acq: 18 Sep 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

RB47198RT

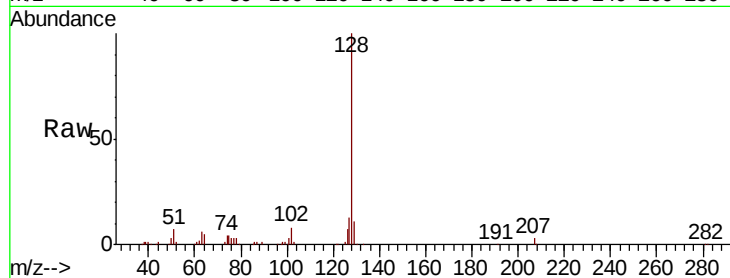
Tgt Ion:128 Resp: 129009

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

129 11.0 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

