

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081418\
 Data File : VN050608.D
 Acq On : 14 Aug 2018 17:39
 Operator : MD\SY
 Sample : J4442-40
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1-4

Quant Time: Aug 14 18:17:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	625570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1024996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	883592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	338328	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	428325	54.32	ug/l	0.00
Spiked Amount			Recovery	=	108.64%	
35) Dibromofluoromethane	7.59	113	400902	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
50) Toluene-d8	10.09	98	1411638	45.84	ug/l	0.00
Spiked Amount			Recovery	=	91.68%	
62) 4-Bromofluorobenzene	12.40	95	388938	38.23	ug/l	0.00
Spiked Amount			Recovery	=	76.46%	

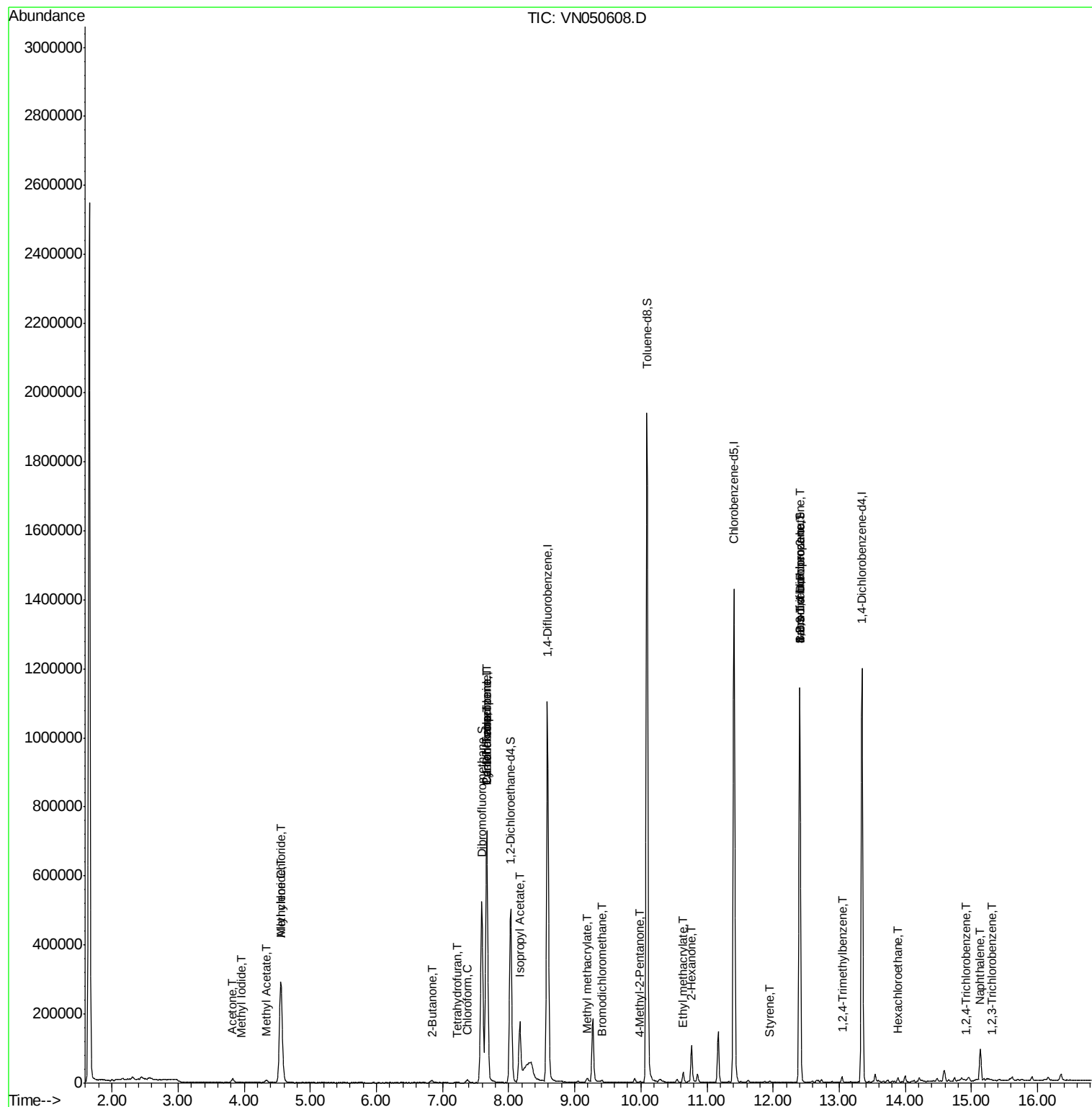
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2595	Below Cal		95
5) Bromomethane	2.57	94	3622	Below Cal	#	78
6) Chloroethane	2.70	64	167	Below Cal	#	43
10) Methyl Iodide	3.95	142	1471	7.188	ug/l #	78
14) Allyl chloride	4.56	41	8771	0.831	ug/l #	25
16) Acetone	3.82	43	18378	7.931	ug/l	100
18) Methyl Acetate	4.33	43	13093	1.397	ug/l #	71
20) Methylene Chloride	4.55	84	230176	30.207	ug/l	97
25) 2-Butanone	6.86	43	3669	1.135	ug/l	97
29) Tetrahydrofuran	7.22	42	749	0.444	ug/l #	53
30) Chloroform	7.38	83	9176	0.646	ug/l	97
31) Cyclohexane	7.67	56	11563	0.626	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	44004	3.857	ug/l #	48
38) Carbon Tetrachloride	7.67	117	56046	4.735	ug/l #	17
43) Isopropyl Acetate	8.17	43	214223	18.226	ug/l	99
47) Bromodichloromethane	9.41	83	2847	0.244	ug/l #	84
48) Methyl methacrylate	9.18	41	7587	1.283	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	2124	0.267	ug/l #	80
56) Ethyl methacrylate	10.63	69	190	1.923	ug/l #	28
59) 2-Hexanone	10.77	43	15751	3.070	ug/l #	56
70) Styrene	11.96	104	348	0.955	ug/l #	38
71) Bromoform	12.40	173	3844	0.703	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.41	83	220	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	186204	33.730	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	186204	122.358	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	8942	0.421	ug/l	97
90) Hexachloroethane	13.89	117	999	0.244	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	97	2.689	ug/l #	18
95) Naphthalene	15.13	128	83294	9.767	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	61	1.949	ug/l #	1

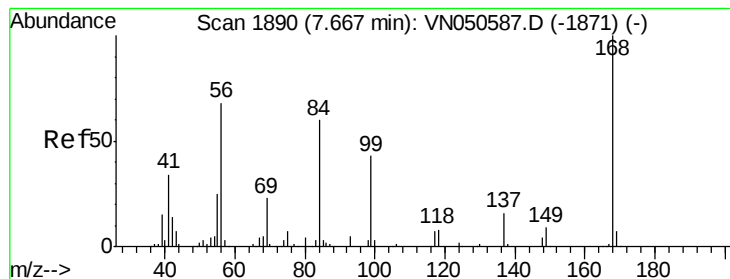
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050608.D

Acq: 14 Aug 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

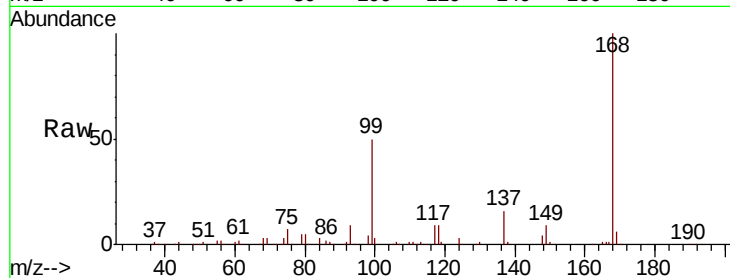
SP-1-4

Tgt Ion:168 Resp: 625570

Ion Ratio Lower Upper

168 100

99 50.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

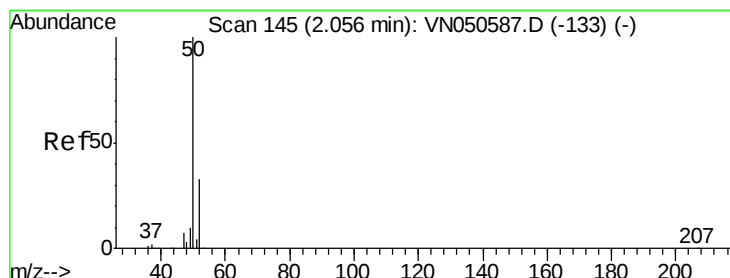
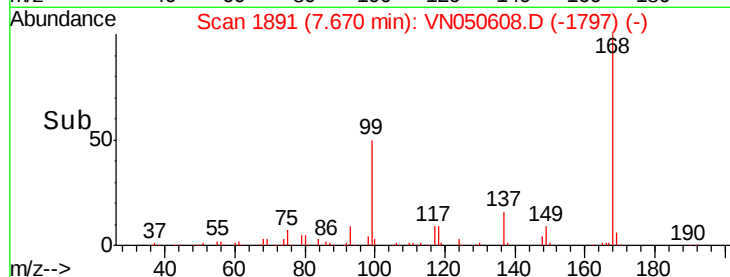
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050608.D

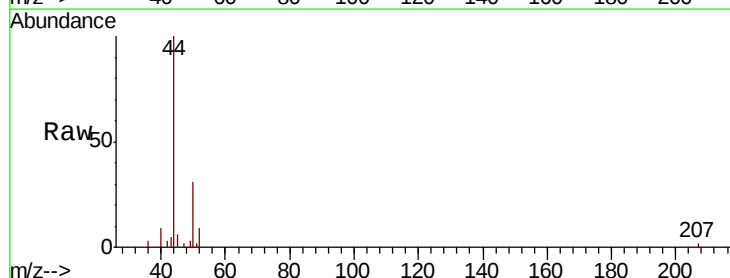
Acq: 14 Aug 2018 17:39

Tgt Ion: 50 Resp: 2595

Ion Ratio Lower Upper

50 100

52 29.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN050587.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN050587.D (-133) (-)

2.06

2000

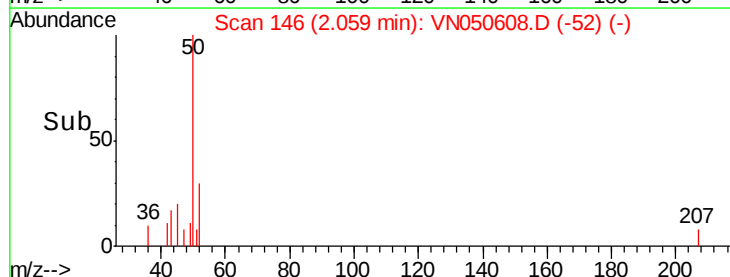
1500

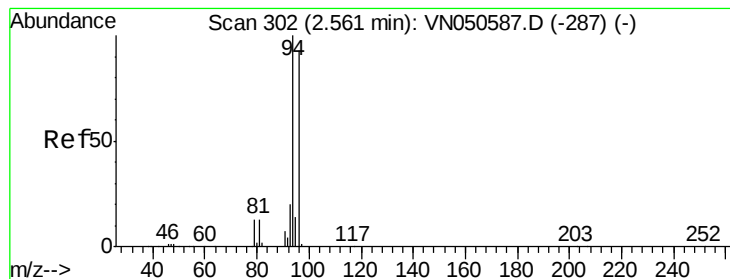
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050608.D

Acq: 14 Aug 2018 17:39

Instrument :

MSVOA_N

ClientSampled :

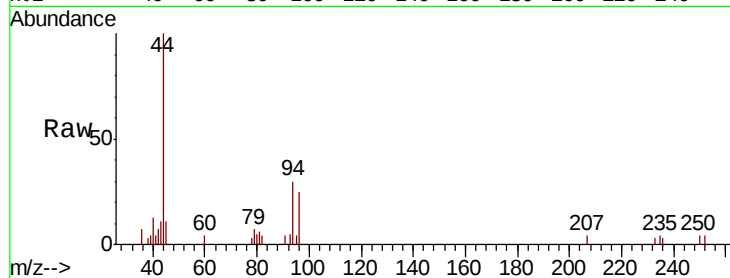
SP-1-4

Tgt Ion: 94 Resp: 3622

Ion Ratio Lower Upper

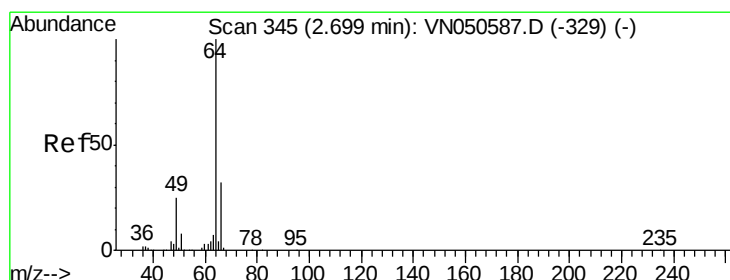
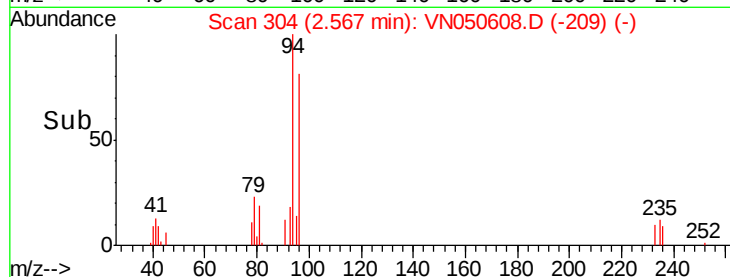
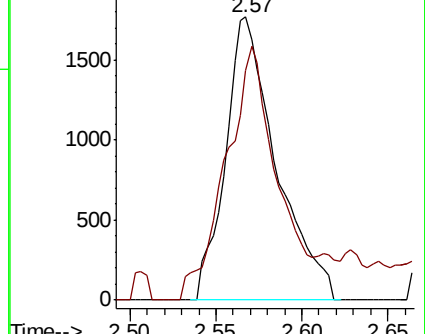
94 100

96 71.3 74.0 111.0#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: Below Cal

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050608.D

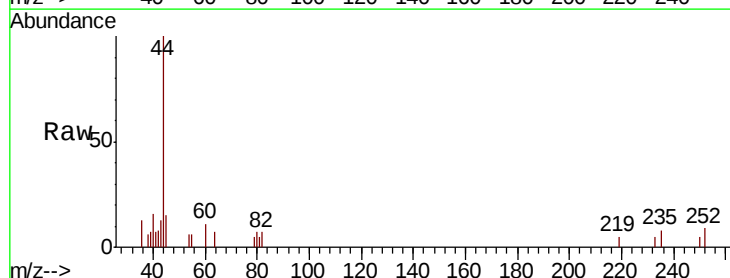
Acq: 14 Aug 2018 17:39

Tgt Ion: 64 Resp: 167

Ion Ratio Lower Upper

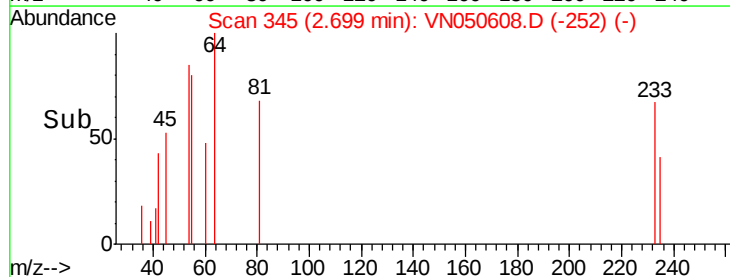
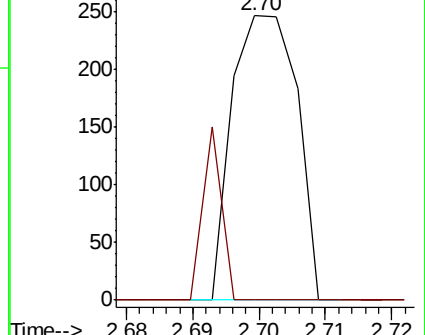
64 100

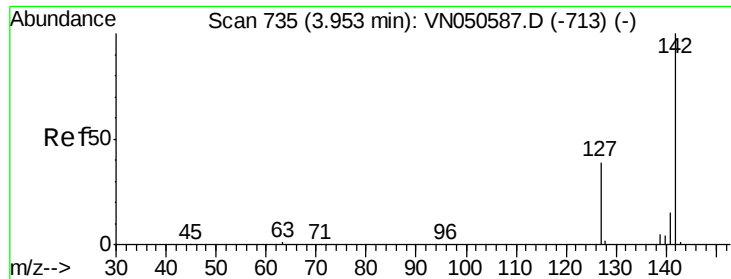
66 0.0 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

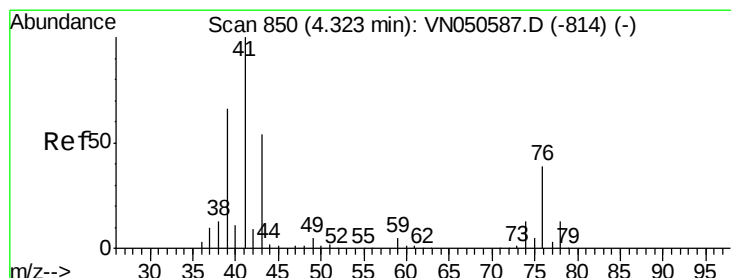
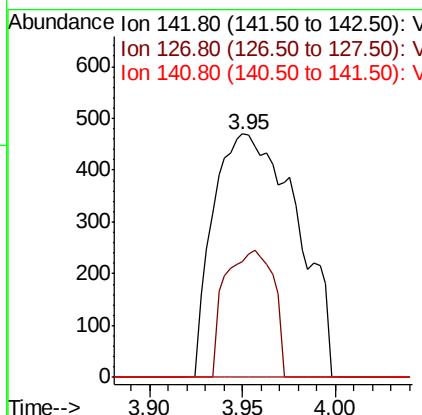
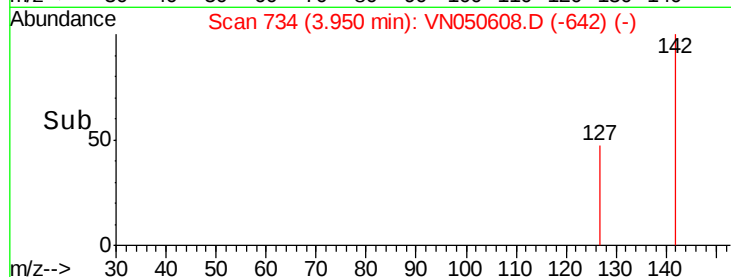
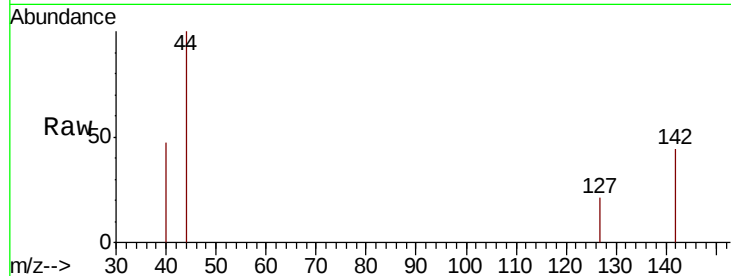




#10
Methyl Iodide
Concen: 7.188 ug/l
RT: 3.95 min Scan# 734
Delta R.T. -0.00 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

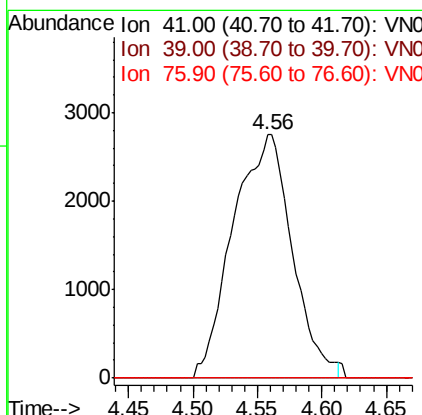
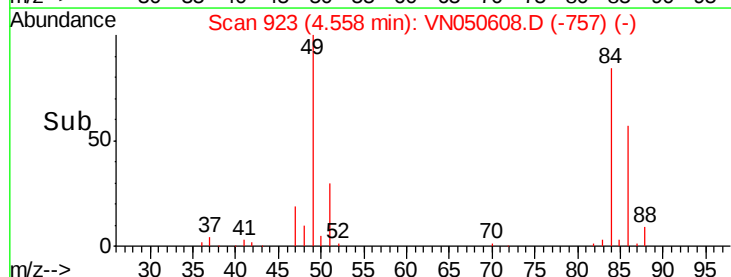
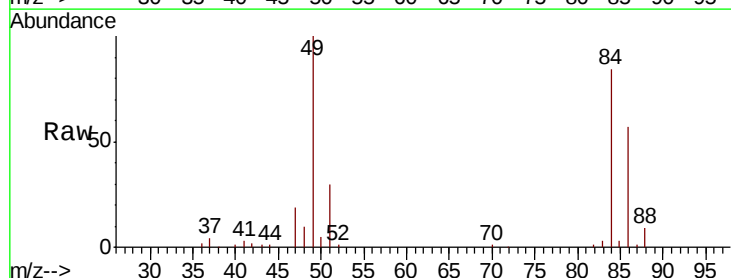
Instrument :
MSVOA_N
ClientSampleId :
SP-1-4

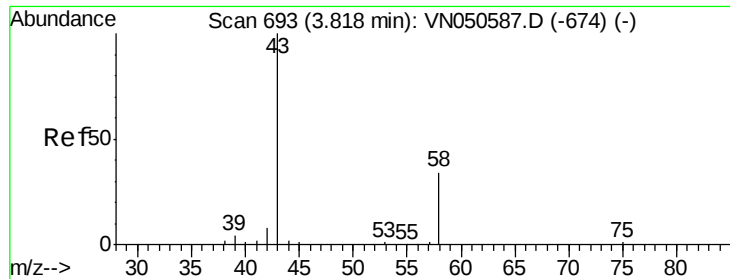
Tgt Ion: 142 Resp: 1471
Ion Ratio Lower Upper
142 100
127 30.3 32.6 49.0#
141 0.0 11.5 17.3#



#14
Allyl chloride
Concen: 0.831 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.23 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

Tgt Ion: 41 Resp: 8771
Ion Ratio Lower Upper
41 100
39 0.0 51.4 77.0#
76 0.0 29.4 44.0#





#16

Acetone

Concen: 7.931 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050608.D

Acq: 14 Aug 2018 17:39

Instrument :

MSVOA_N

ClientSampled :

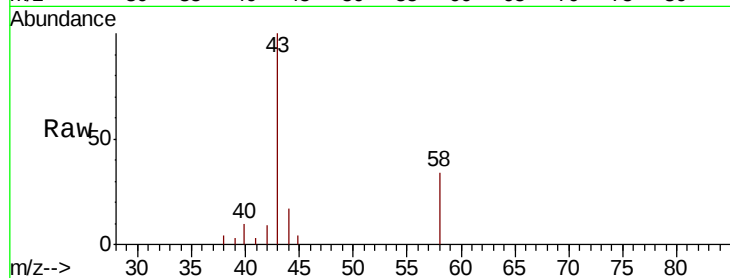
SP-1-4

Tgt Ion: 43 Resp: 18378

Ion Ratio Lower Upper

43 100

58 33.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

6000

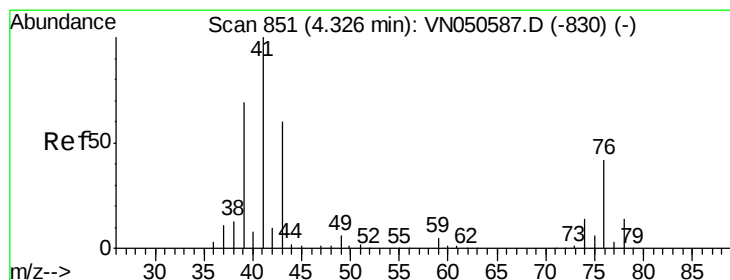
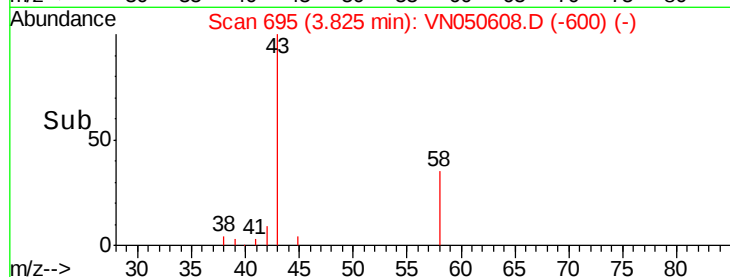
4000

2000

0

3.75 3.80 3.85 3.90

Time-->



#18

Methyl Acetate

Concen: 1.397 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050608.D

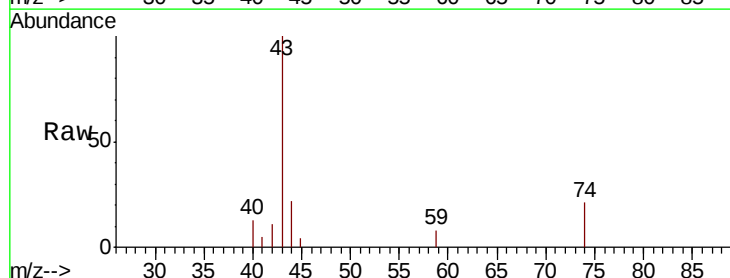
Acq: 14 Aug 2018 17:39

Tgt Ion: 43 Resp: 13093

Ion Ratio Lower Upper

43 100

74 10.0 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

5000

4000

3000

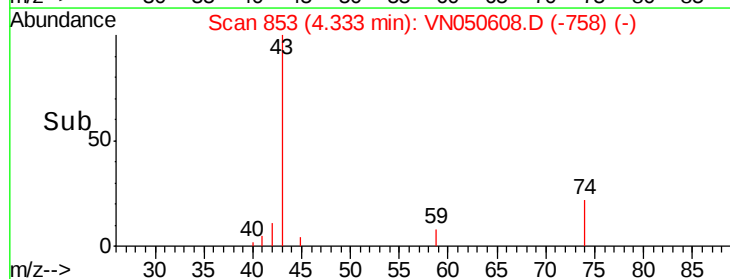
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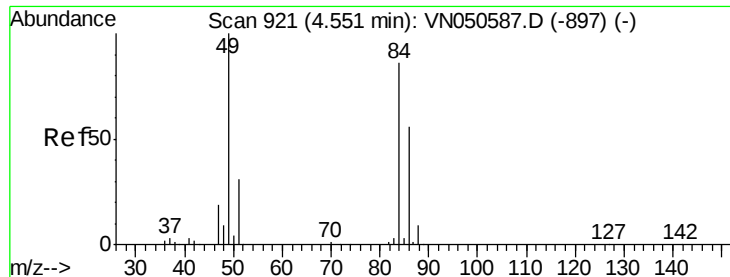
1000

0

4.30 4.40

Time-->

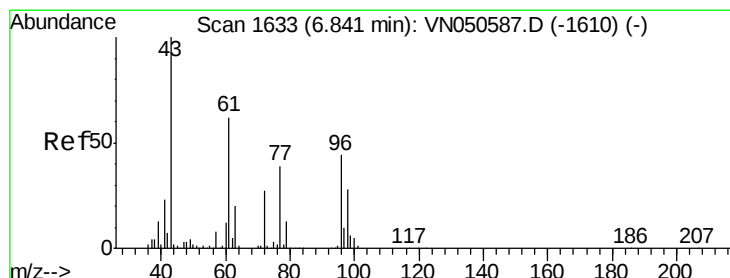
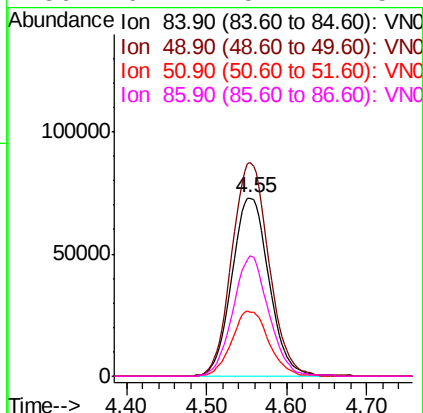
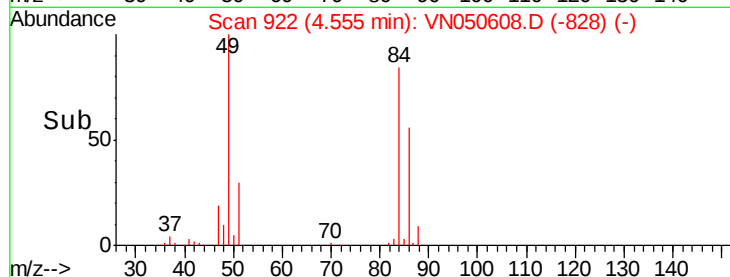
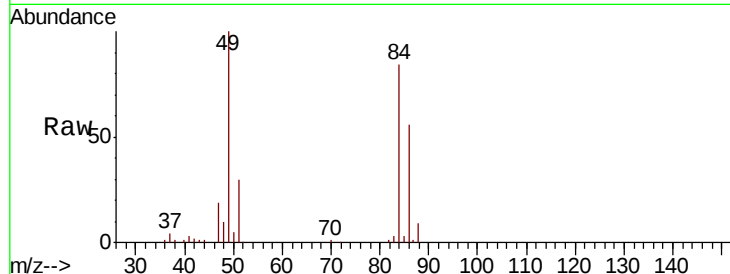




#20
Methylene Chloride
Concen: 30.207 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

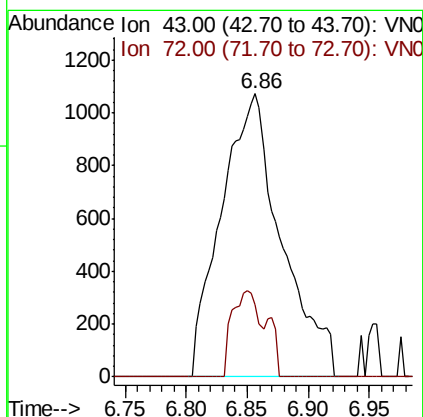
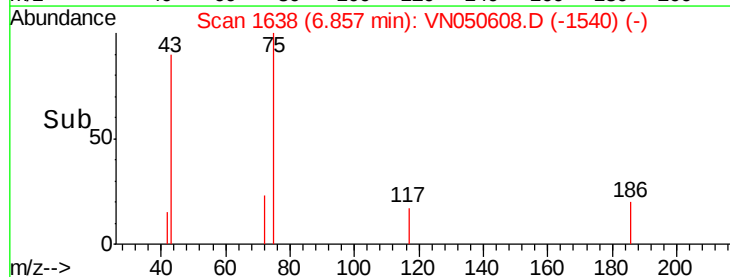
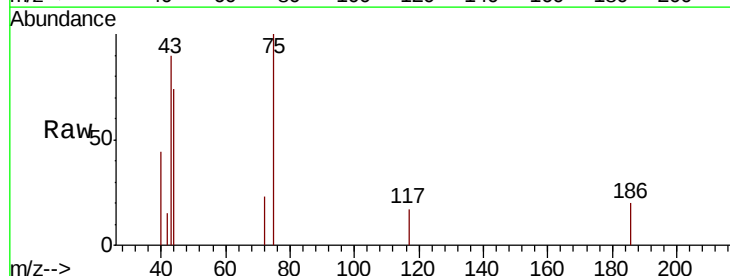
Instrument :
MSVOA_N
ClientSampled :
SP-1-4

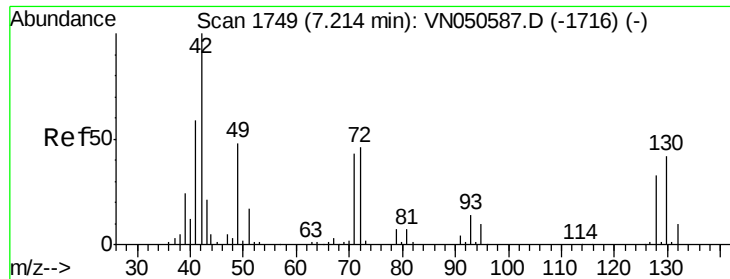
Tgt Ion: 84 Resp: 230176
Ion Ratio Lower Upper
84 100
49 119.7 92.6 138.8
51 36.2 28.6 43.0
86 67.4 52.2 78.2



#25
2-Butanone
Concen: 1.135 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. 0.02 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

Tgt Ion: 43 Resp: 3669
Ion Ratio Lower Upper
43 100
72 25.7 21.8 32.6





#29

Tetrahydrofuran

Concen: 0.444 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050608.D

Acq: 14 Aug 2018 17:39

Instrument :

MSVOA_N

ClientSampled :

SP-1-4

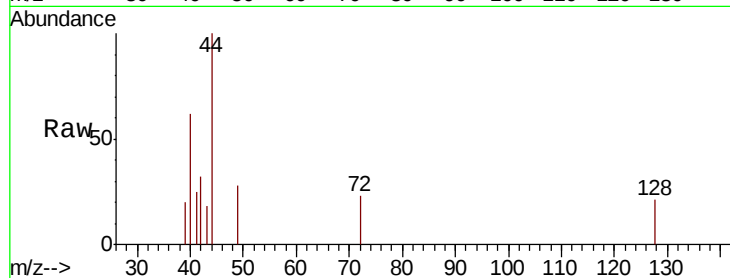
Tgt Ion: 42 Resp: 749

Ion Ratio Lower Upper

42 100

72 26.0 35.8 53.6#

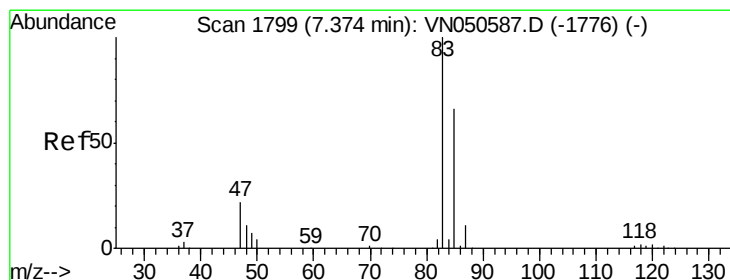
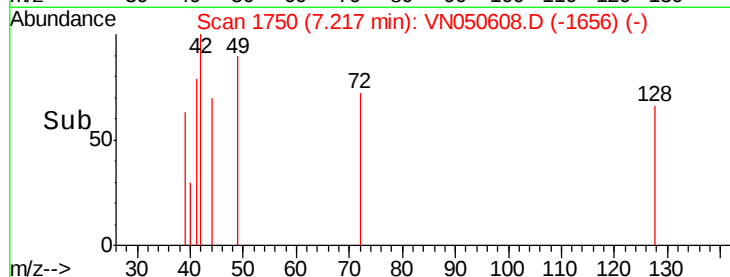
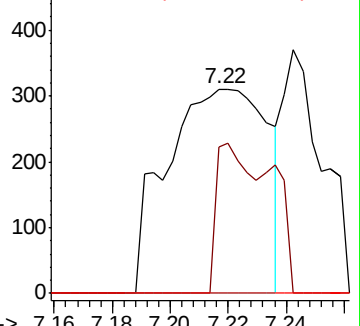
71 0.0 33.4 50.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.646 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050608.D

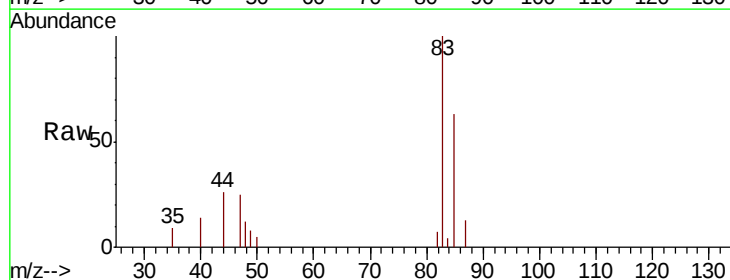
Acq: 14 Aug 2018 17:39

Tgt Ion: 83 Resp: 9176

Ion Ratio Lower Upper

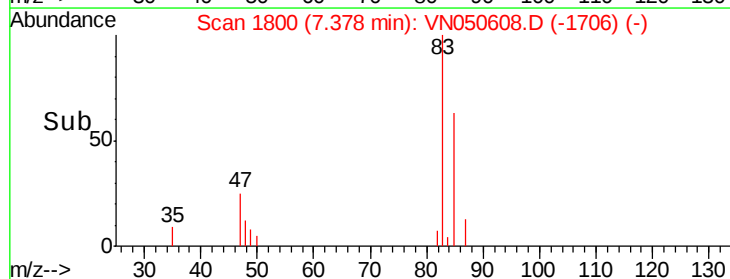
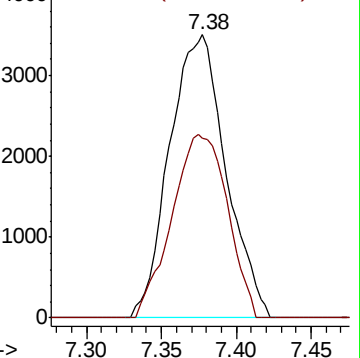
83 100

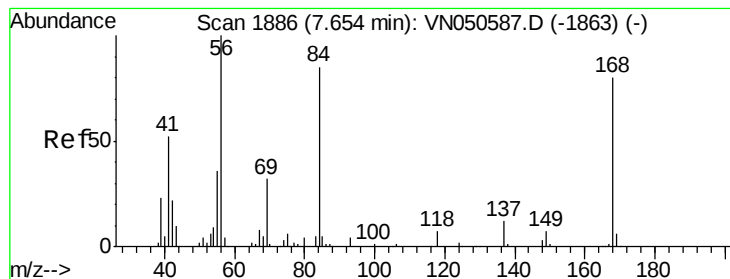
85 63.5 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 0.626 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.02 min

Lab File: VN050608.D

Acq: 14 Aug 2018 17:39

Instrument :

MSVOA_N

ClientSampled :

SP-1-4

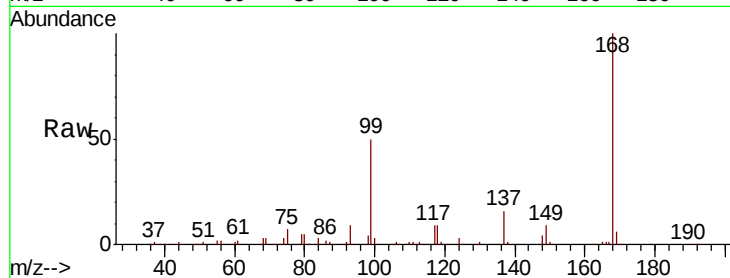
Tgt Ion: 56 Resp: 11563

Ion Ratio Lower Upper

56 100

69 179.5 25.8 38.6#

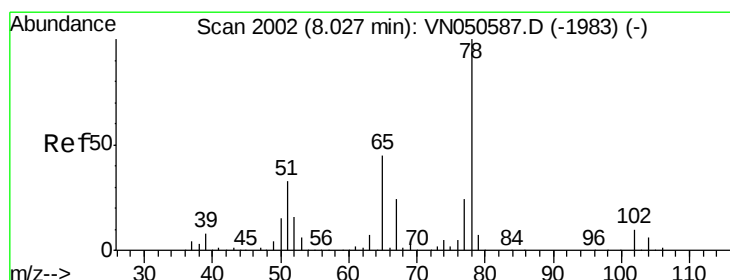
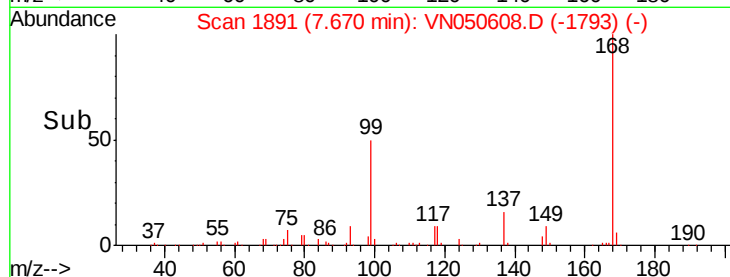
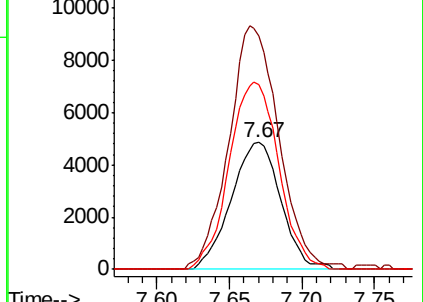
84 145.0 67.8 101.6#



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: 54.319 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050608.D

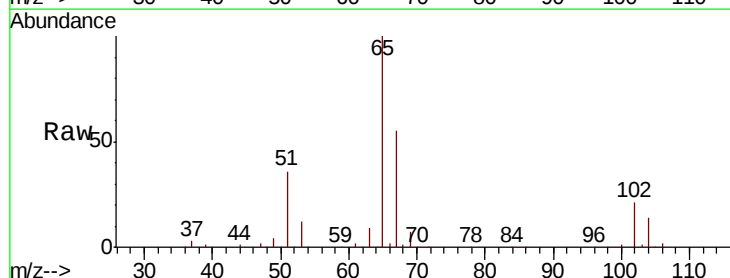
Acq: 14 Aug 2018 17:39

Tgt Ion: 65 Resp: 428325

Ion Ratio Lower Upper

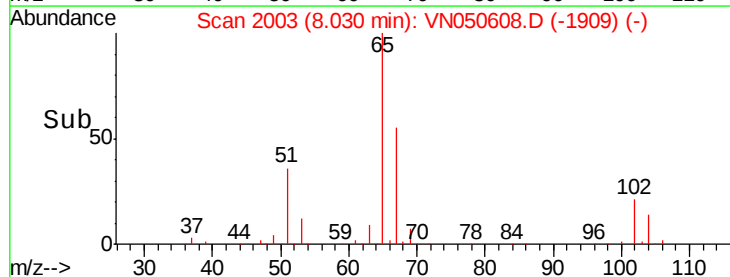
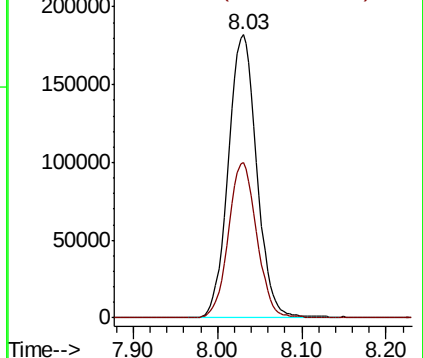
65 100

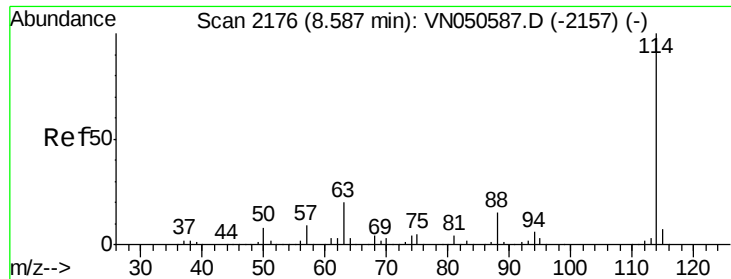
67 54.3 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

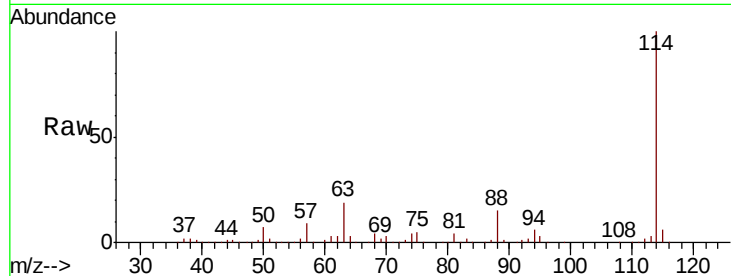




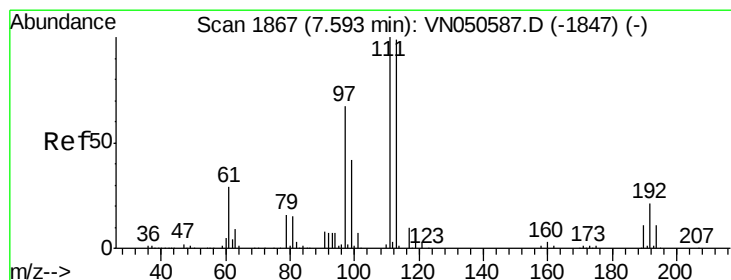
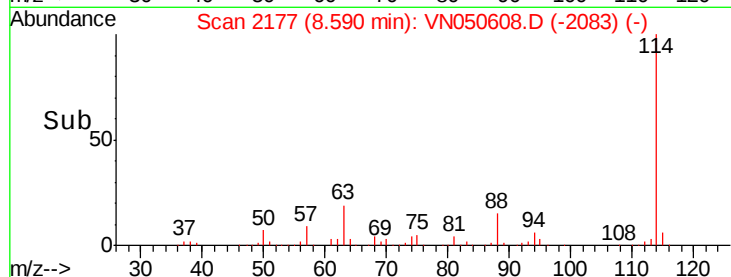
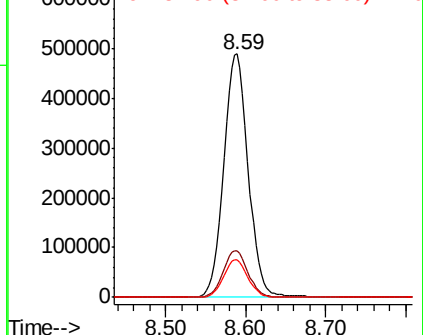
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050608.D
 Acq: 14 Aug 2018 17:39

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1-4

Tgt Ion:114 Resp: 1024996
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 15.3 0.0 30.8

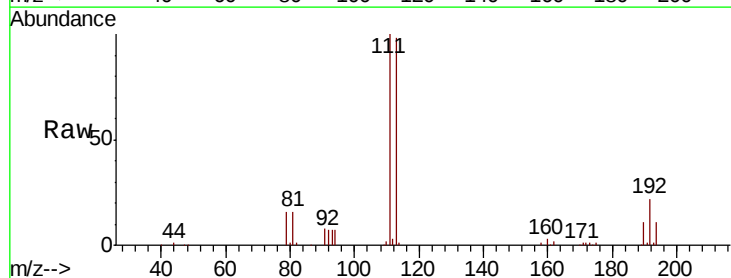


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

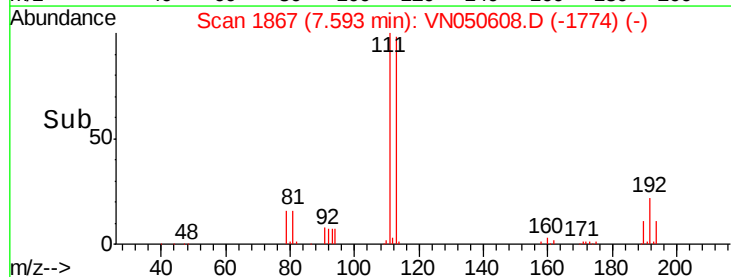
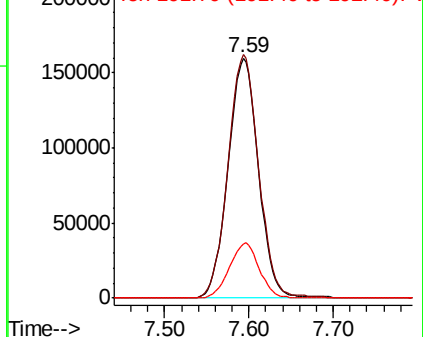


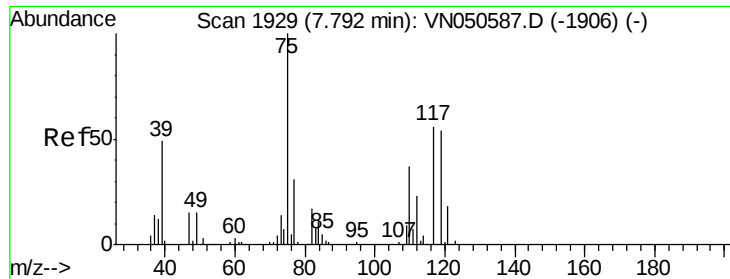
#35
 Dibromofluoromethane
 Concen: 48.991 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050608.D
 Acq: 14 Aug 2018 17:39

Tgt Ion:113 Resp: 400902
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.0 121.6
 192 22.7 17.6 26.4



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

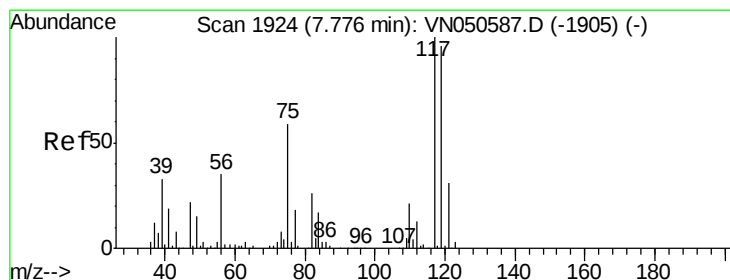
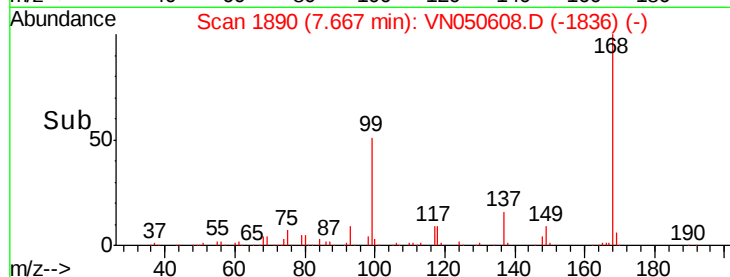
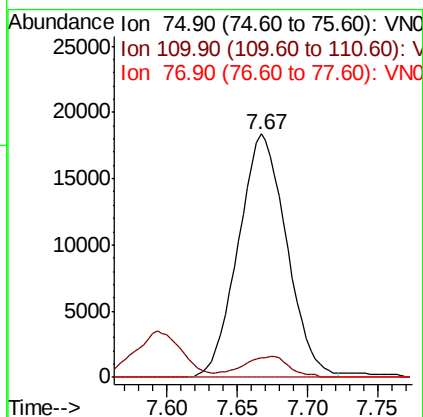
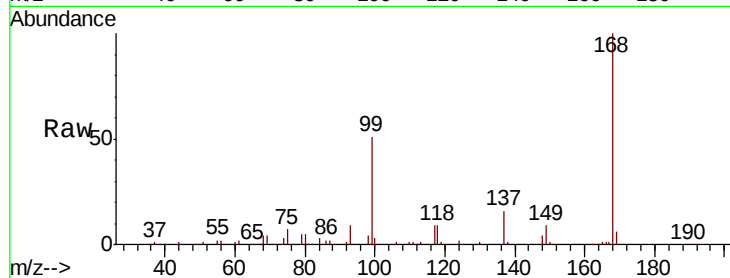




#36
 1,1-Dichloropropene
 Concen: 3.857 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050608.D
 Acq: 14 Aug 2018 17:39

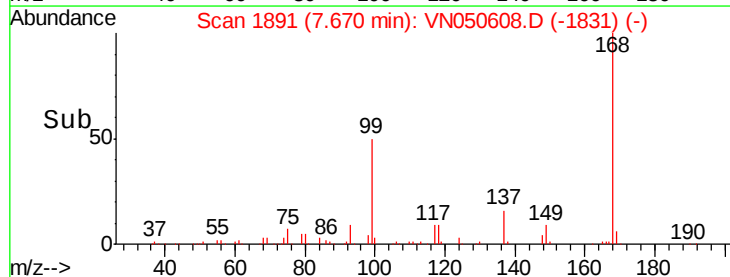
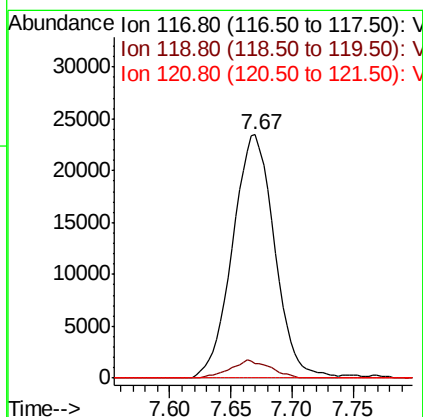
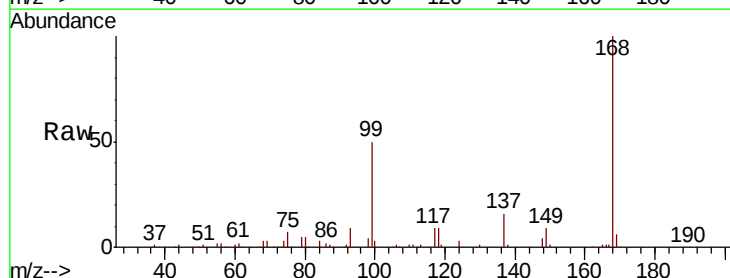
Instrument :
 MSVOA_N
 ClientSampleID :
 SP-1-4

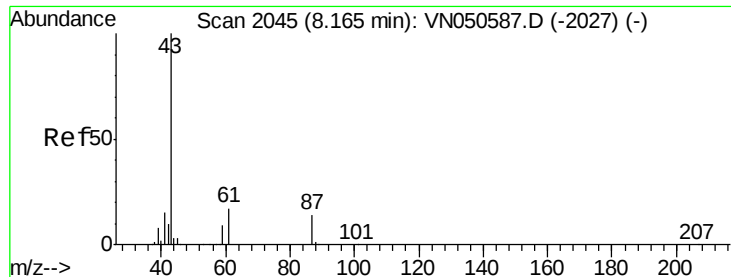
Tgt Ion: 75 Resp: 44004
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.3 54.9#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 4.735 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.11 min
 Lab File: VN050608.D
 Acq: 14 Aug 2018 17:39

Tgt Ion: 117 Resp: 56046
 Ion Ratio Lower Upper
 117 100
 119 6.0 76.6 115.0#
 121 0.0 25.0 37.6#





#43

Isopropyl Acetate

Concen: 18.226 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050608.D

Acq: 14 Aug 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

SP-1-4

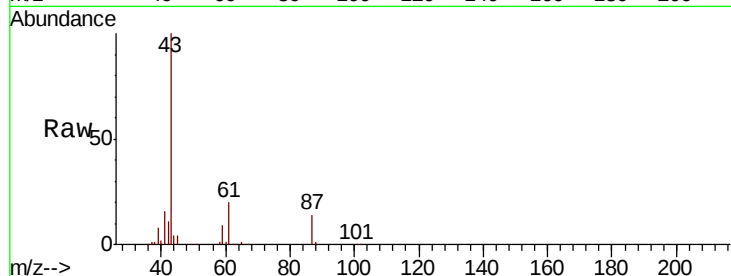
Tgt Ion: 43 Resp: 214223

Ion Ratio Lower Upper

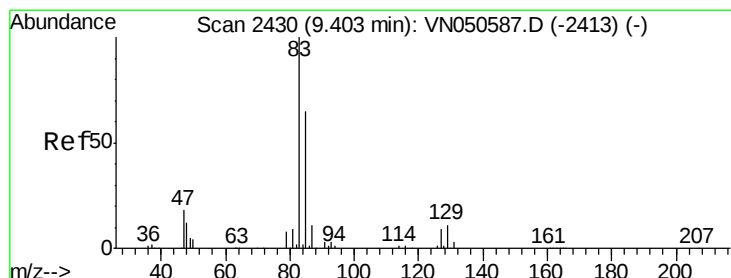
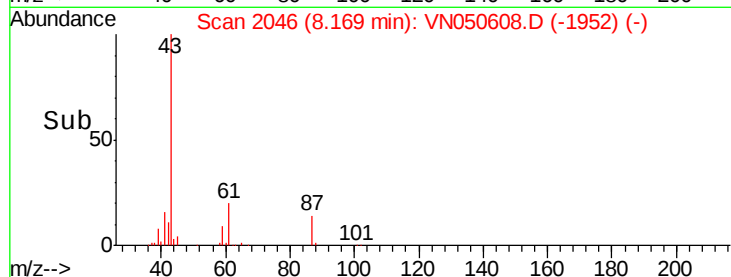
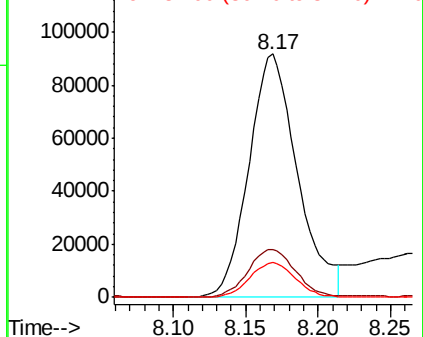
43 100

61 19.4 16.2 24.2

87 13.4 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#47

Bromodichloromethane

Concen: 0.244 ug/l

RT: 9.41 min Scan# 2432

Delta R.T. 0.01 min

Lab File: VN050608.D

Acq: 14 Aug 2018 17:39

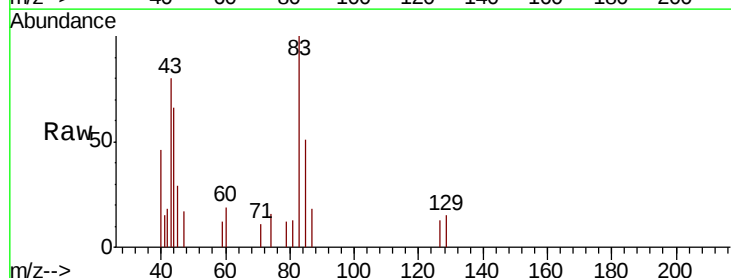
Tgt Ion: 83 Resp: 2847

Ion Ratio Lower Upper

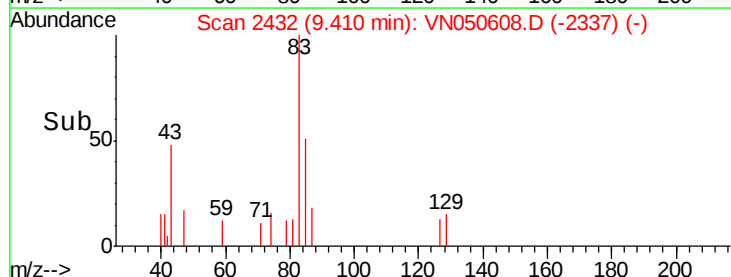
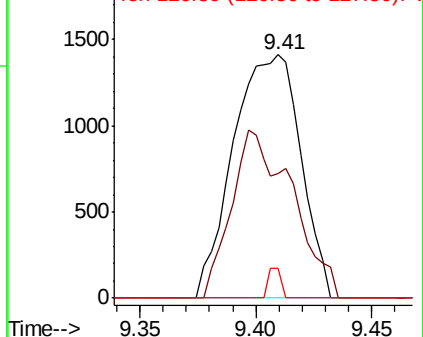
83 100

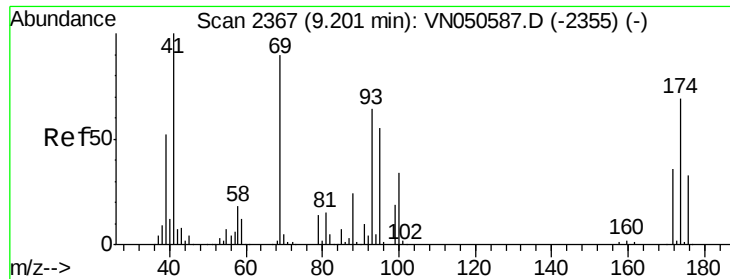
85 51.2 51.8 77.6#

127 12.5 7.2 10.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

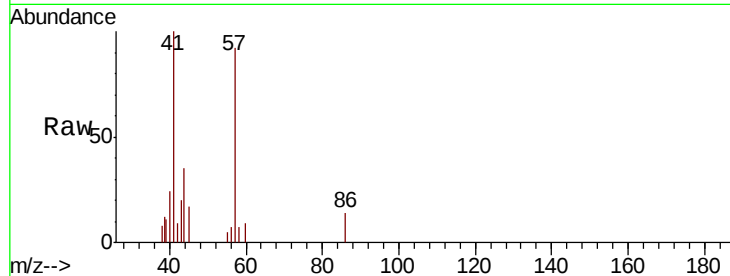




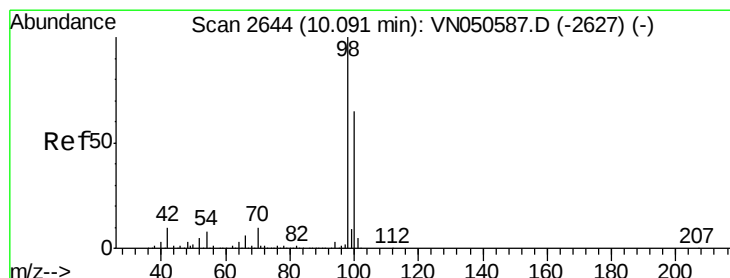
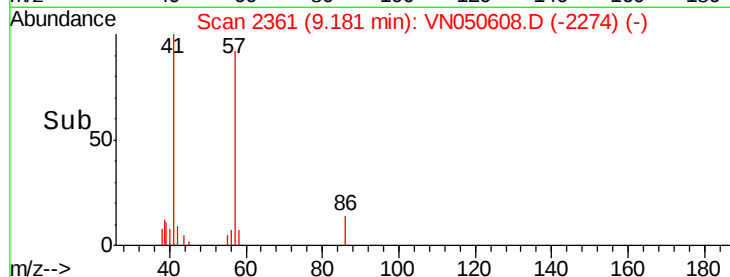
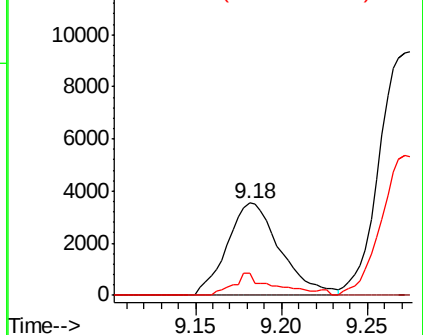
#48
Methyl methacrylate
Concen: 1.283 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

Instrument :
MSVOA_N
ClientSampled :
SP-1-4

Tgt Ion: 41 Resp: 7587
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.0#
39 18.7 43.0 64.6#

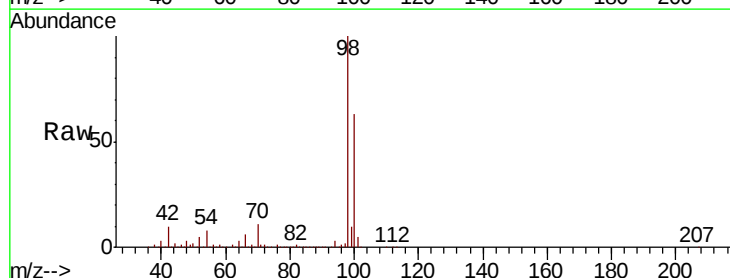


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

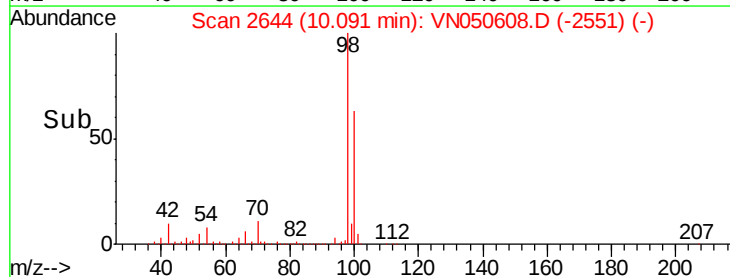
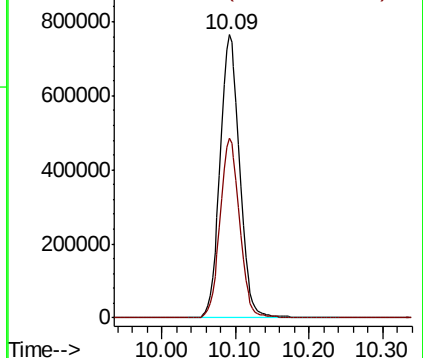


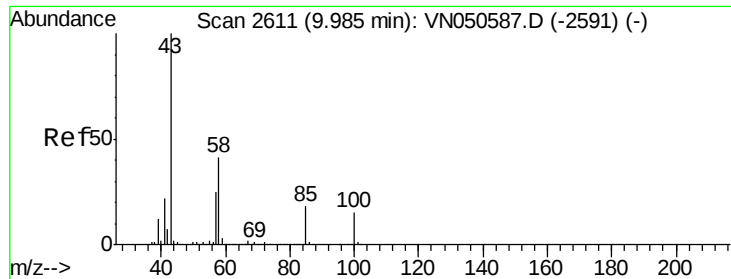
#50
Toluene-d8
Concen: 45.836 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

Tgt Ion: 98 Resp: 1411638
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VNC
Ion 100.00 (99.70 to 100.70): VNC

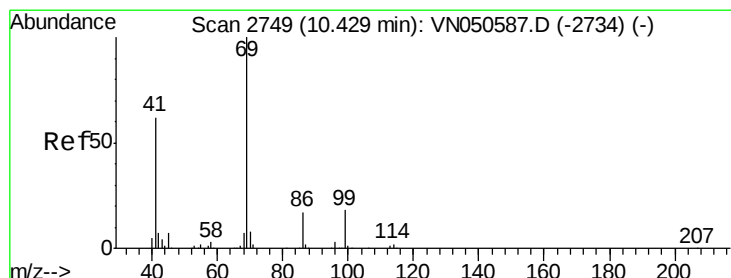
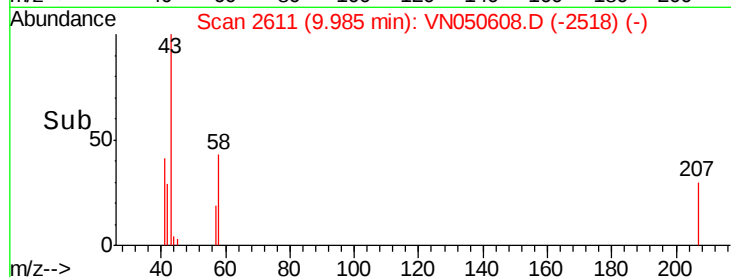
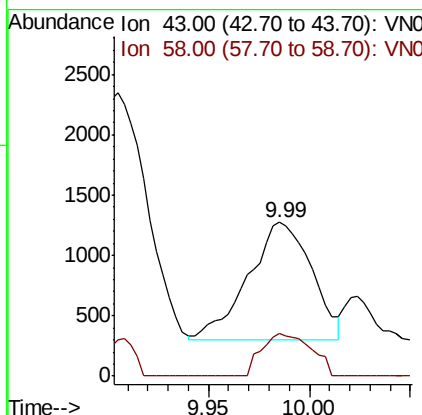
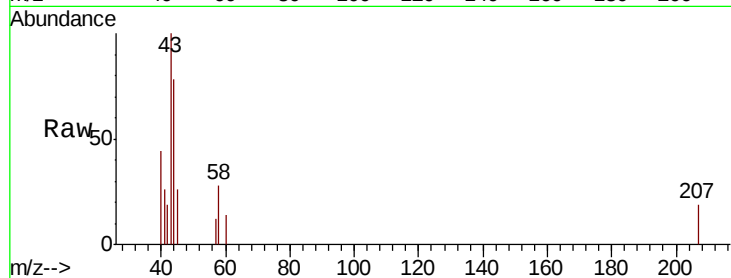




#51
 4-Methyl-2-Pentanone
 Concen: 0.267 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: VN050608.D
 Acq: 14 Aug 2018 17:39

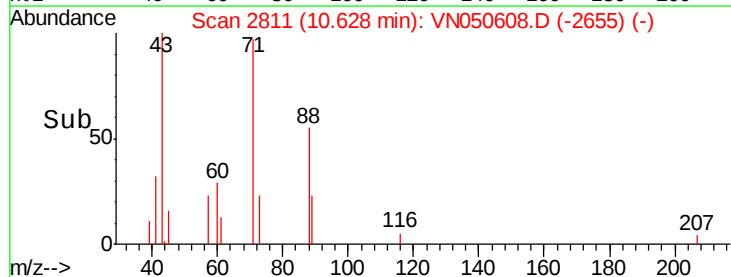
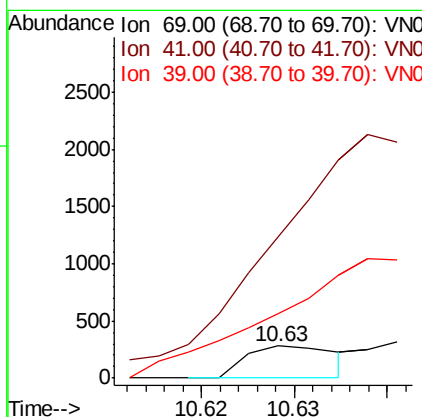
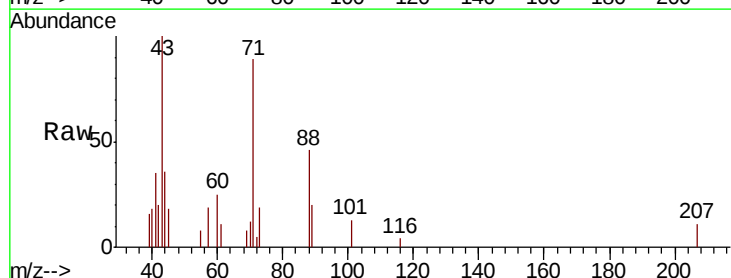
Instrument :
 MSVOA_N
 ClientSampled :
 SP-1-4

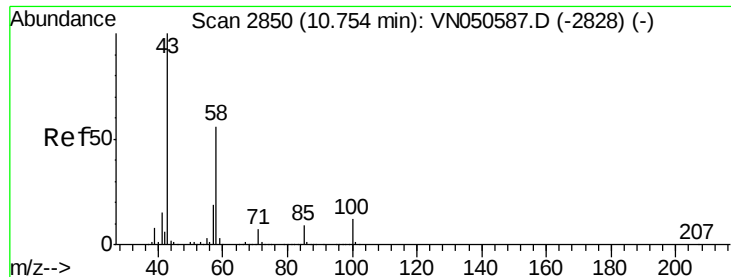
Tgt Ion: 43 Resp: 2124
 Ion Ratio Lower Upper
 43 100
 58 28.4 32.5 48.7#



#56
 Ethyl methacrylate
 Concen: 1.923 ug/l
 RT: 10.63 min Scan# 2811
 Delta R.T. 0.20 min
 Lab File: VN050608.D
 Acq: 14 Aug 2018 17:39

Tgt Ion: 69 Resp: 190
 Ion Ratio Lower Upper
 69 100
 41 0.0 49.7 74.5#
 39 0.0 24.2 36.2#

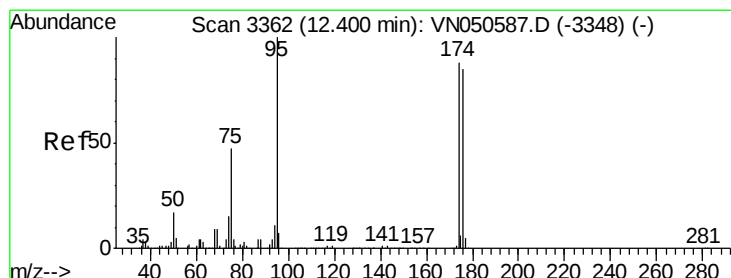
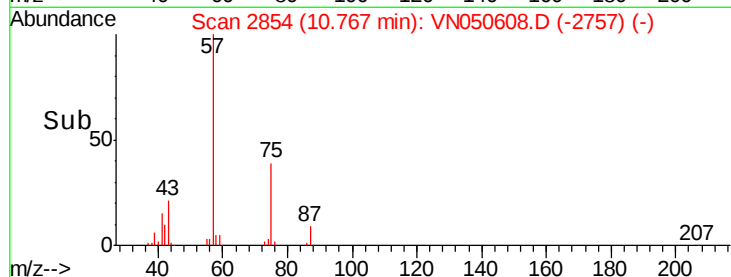
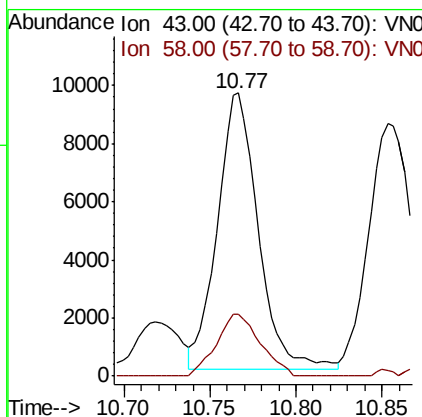
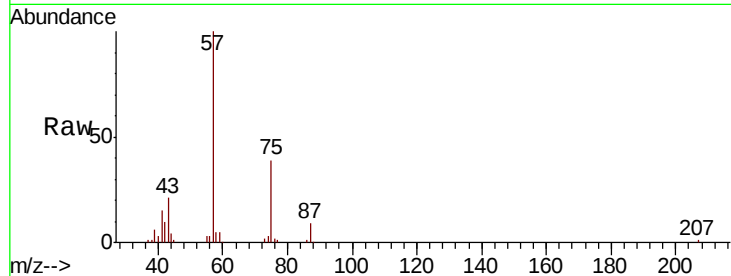




#59
2-Hexanone
Concen: 3.070 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

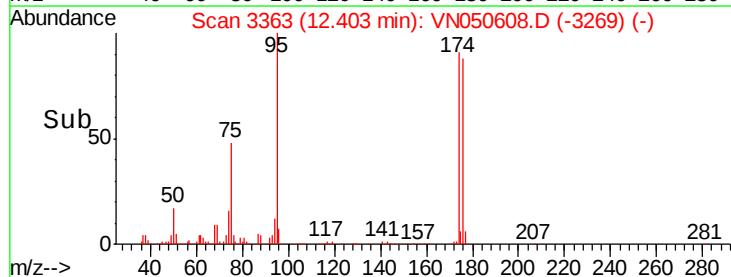
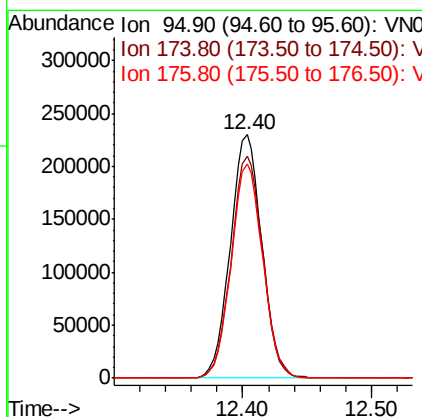
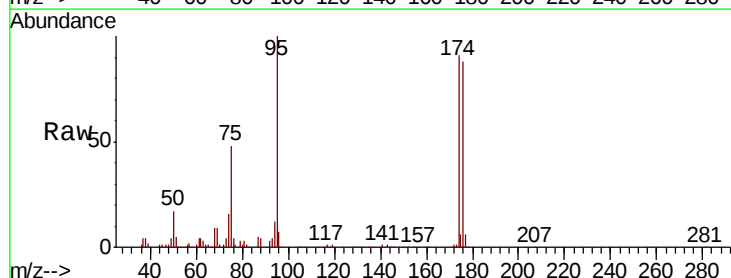
Instrument :
MSVOA_N
ClientSampled :
SP-1-4

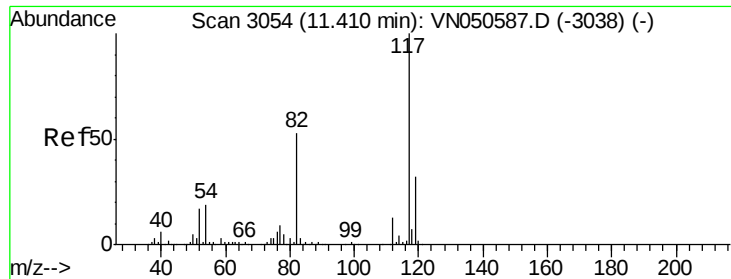
Tgt Ion: 43 Resp: 15751
Ion Ratio Lower Upper
43 100
58 24.1 28.0 84.0#



#62
4-Bromofluorobenzene
Concen: 38.227 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

Tgt Ion: 95 Resp: 388938
Ion Ratio Lower Upper
95 100
174 91.9 0.0 177.8
176 88.1 0.0 175.0

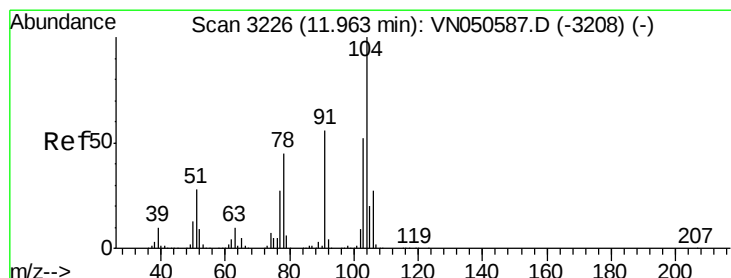
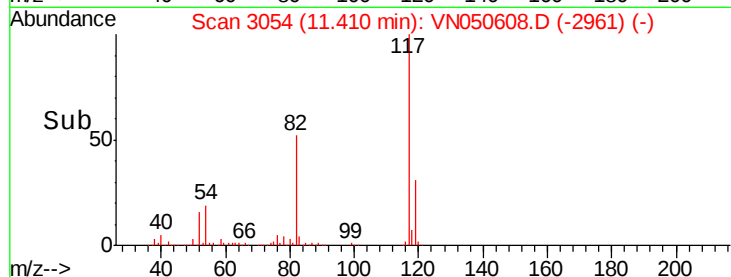
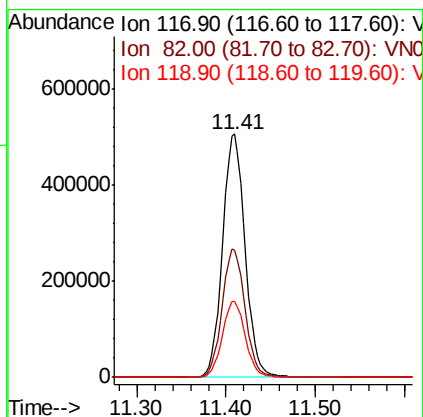
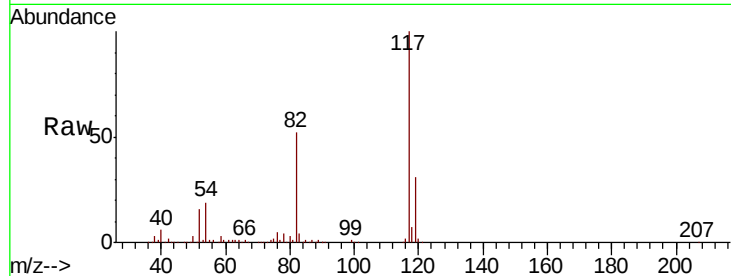




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

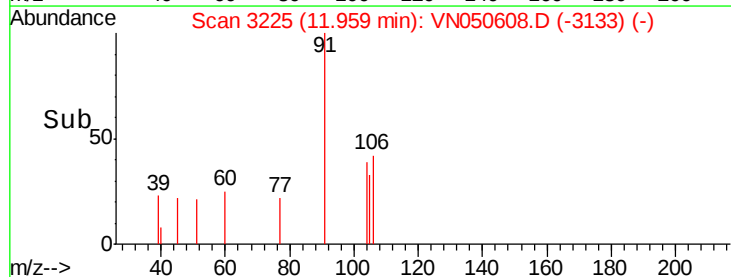
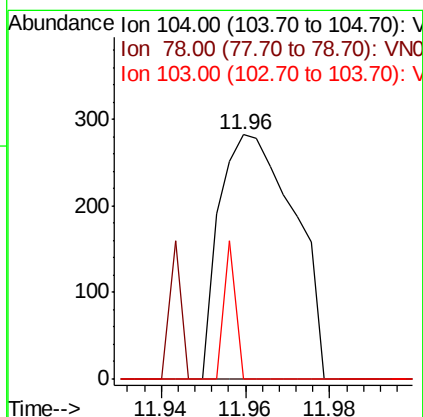
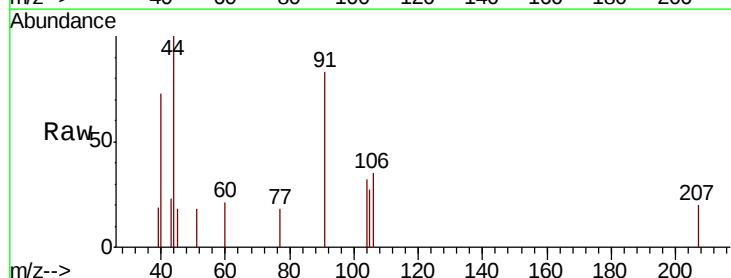
Instrument :
MSVOA_N
ClientSampled :
SP-1-4

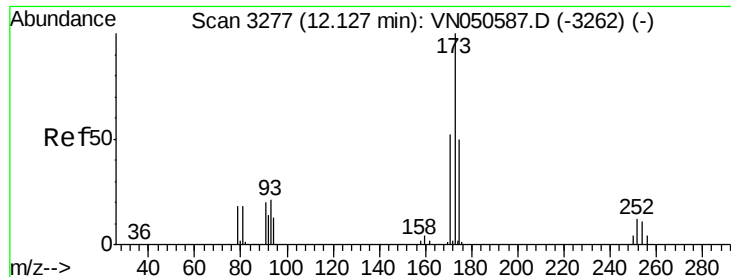
Tgt Ion:117 Resp: 883592
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 31.4 25.8 38.8



#70
Styrene
Concen: 0.955 ug/l
RT: 11.96 min Scan# 3225
Delta R.T. -0.00 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

Tgt Ion:104 Resp: 348
Ion Ratio Lower Upper
104 100
78 8.9 39.1 58.7#
103 8.9 44.9 67.3#

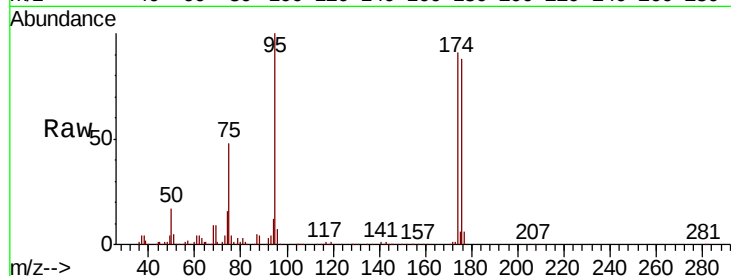




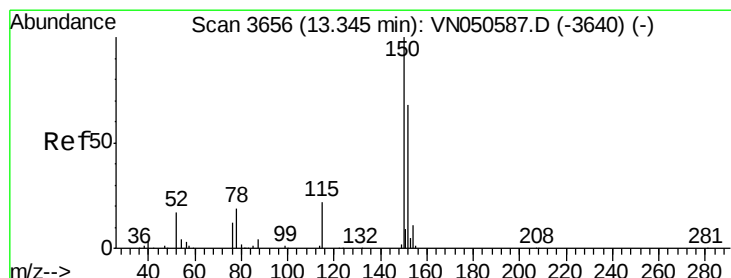
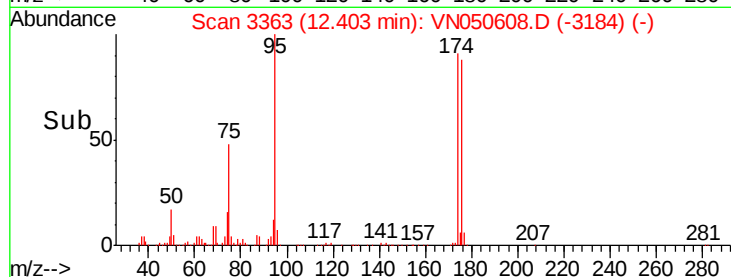
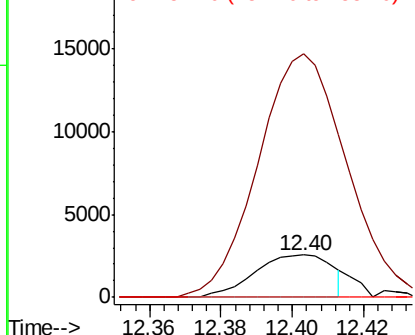
#71
Bromoform
Concen: 0.703 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

Instrument :
MSVOA_N
ClientSampleId :
SP-1-4

Tgt Ion:173 Resp: 3844
Ion Ratio Lower Upper
173 100
175 550.6 24.4 73.2#
254 0.0 0.0 0.0

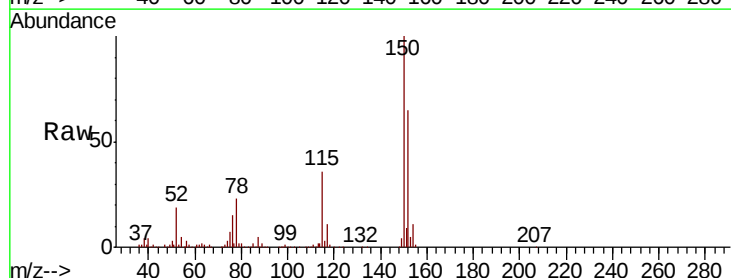


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

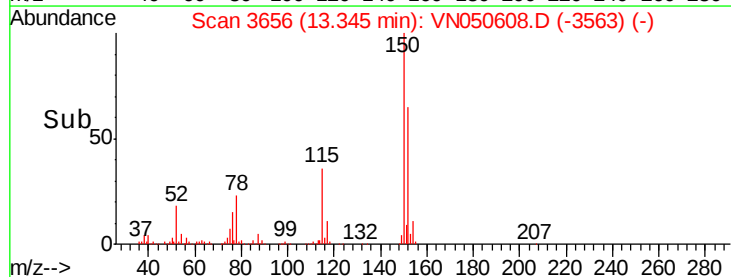
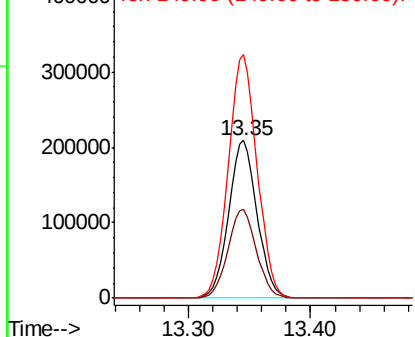


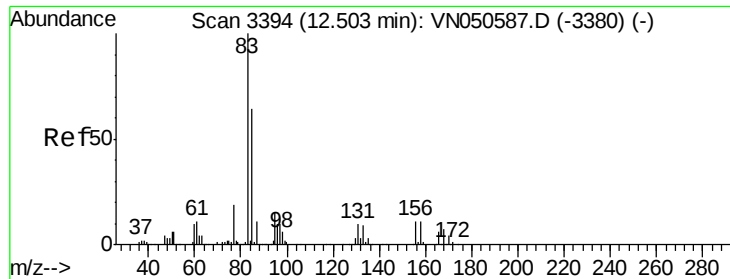
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

Tgt Ion:152 Resp: 338328
Ion Ratio Lower Upper
152 100
115 56.8 28.1 84.2
150 156.9 0.0 347.8



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: 12.41 min Scan# 3364

Delta R.T. -0.10 min

Lab File: VN050608.D

Acq: 14 Aug 2018 17:39

Instrument :

MSVOA_N

ClientSampleId :

SP-1-4

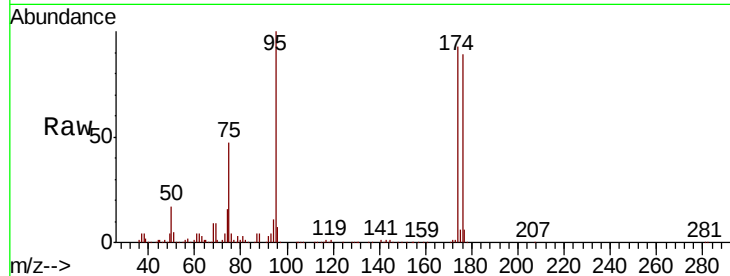
Tgt Ion: 83 Resp: 220

Ion Ratio Lower Upper

83 100

131 203.6 5.3 15.9#

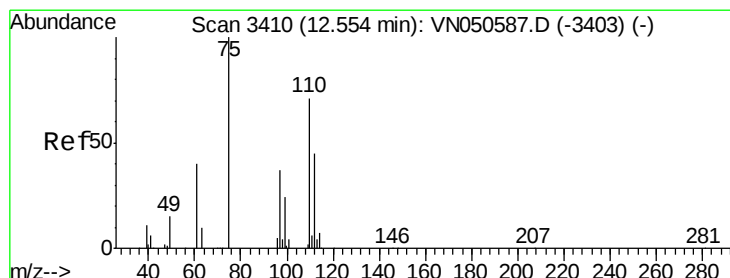
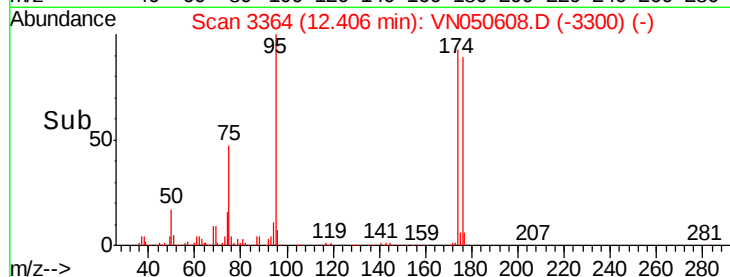
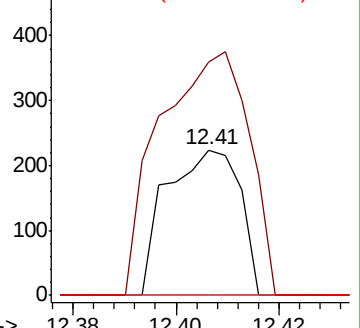
85 0.0 32.1 96.5#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 33.730 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050608.D

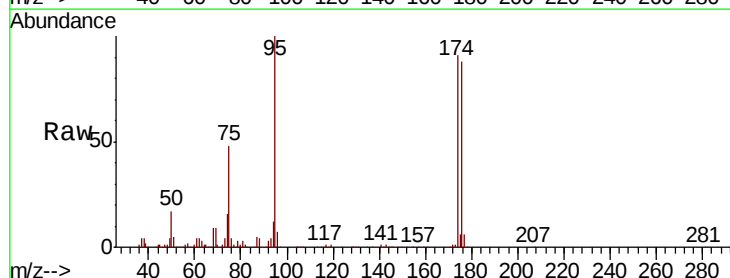
Acq: 14 Aug 2018 17:39

Tgt Ion: 75 Resp: 186204

Ion Ratio Lower Upper

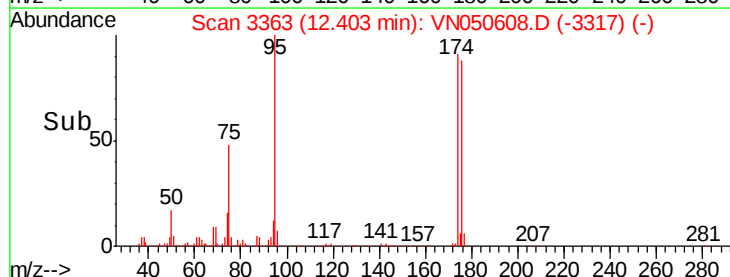
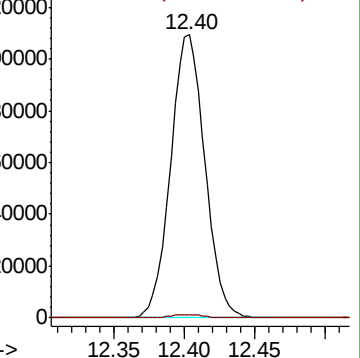
75 100

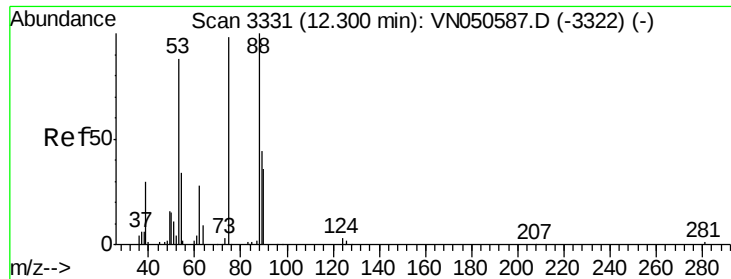
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 122.358 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050608.D

Acq: 14 Aug 2018 17:39

Instrument :

MSVOA_N

ClientSampled :

SP-1-4

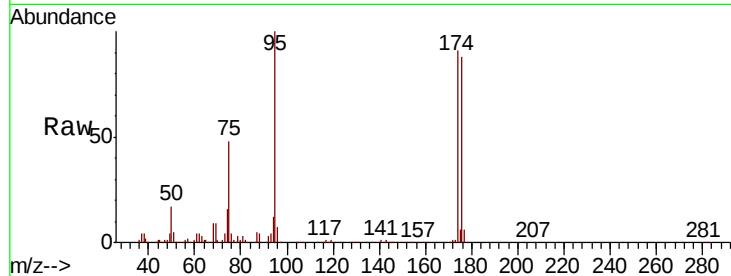
Tgt Ion: 75 Resp: 186204

Ion Ratio Lower Upper

75 100

53 0.2 72.2 108.2#

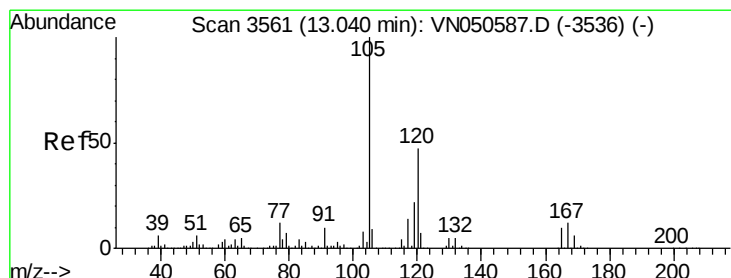
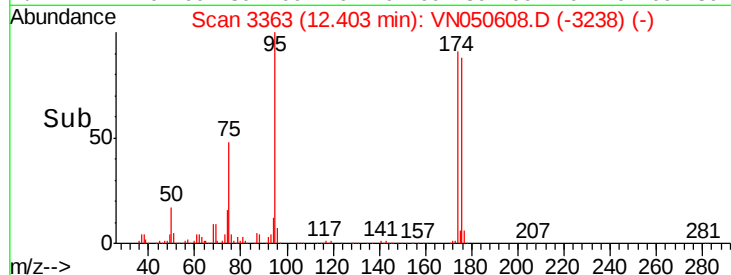
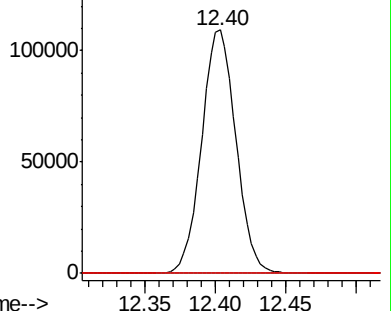
89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN050608.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN050608.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN050608.D (-3363) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.421 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050608.D

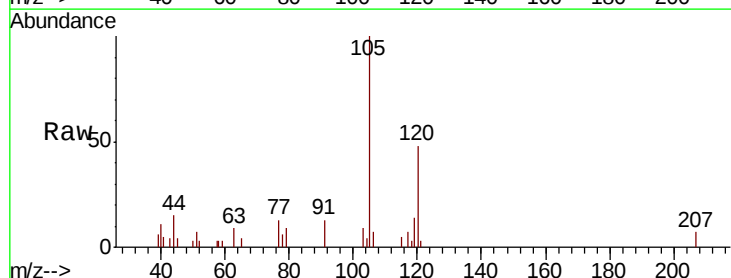
Acq: 14 Aug 2018 17:39

Tgt Ion: 105 Resp: 8942

Ion Ratio Lower Upper

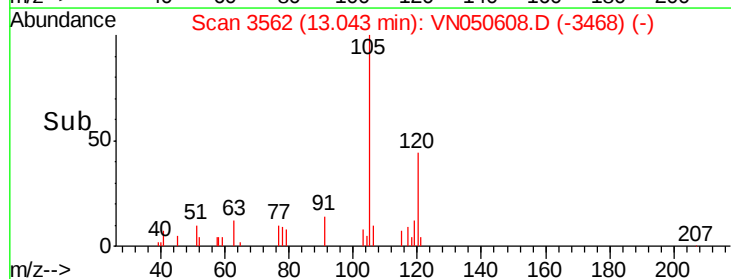
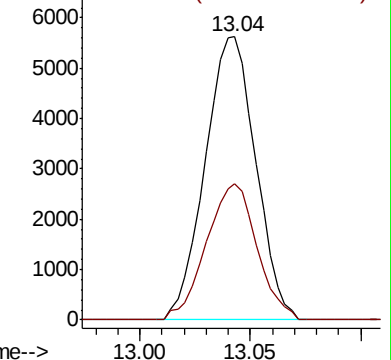
105 100

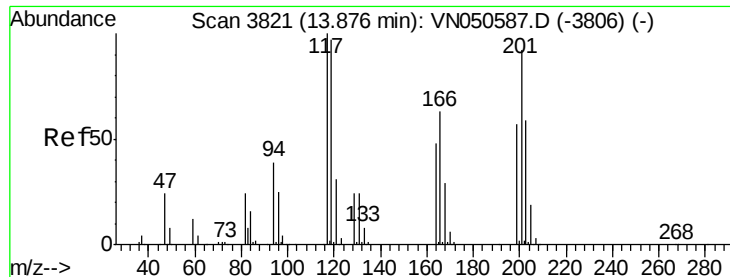
120 48.1 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): VN050608.D (-3562) (-)

Ion 120.00 (119.70 to 120.70): VN050608.D (-3562) (-)

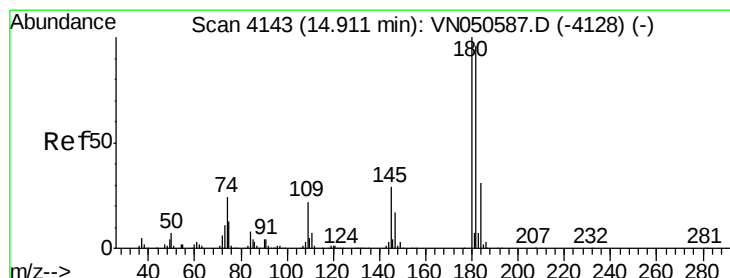
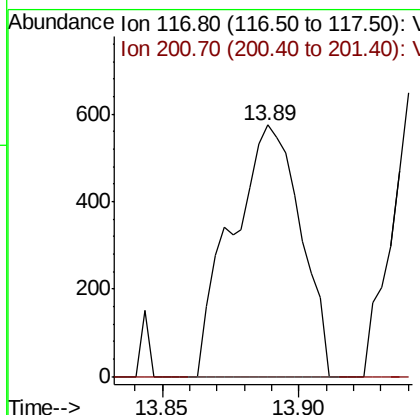
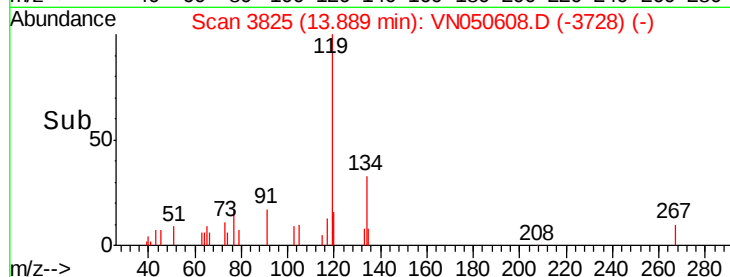
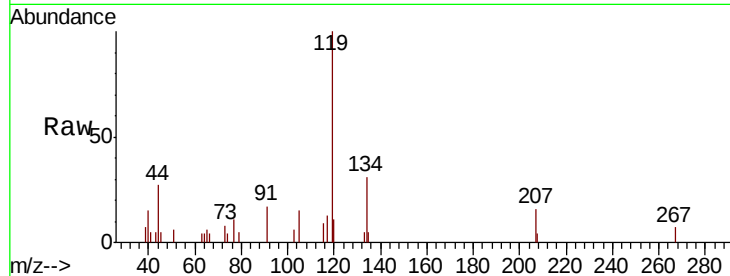




#90
Hexachloroethane
Concen: 0.244 ug/l
RT: 13.89 min Scan# 3825
Delta R.T. 0.01 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

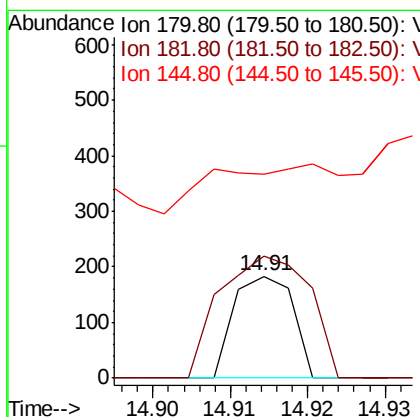
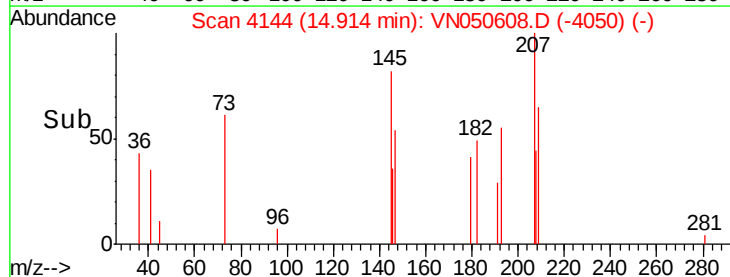
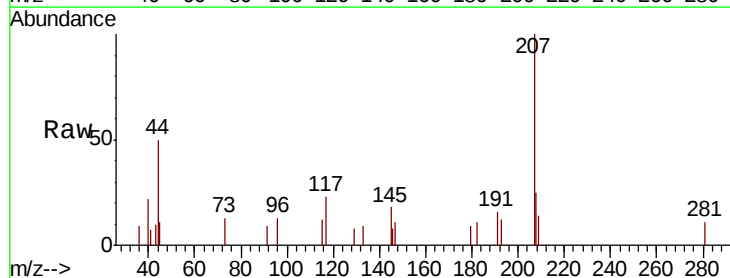
Instrument :
MSVOA_N
ClientSampleId :
SP-1-4

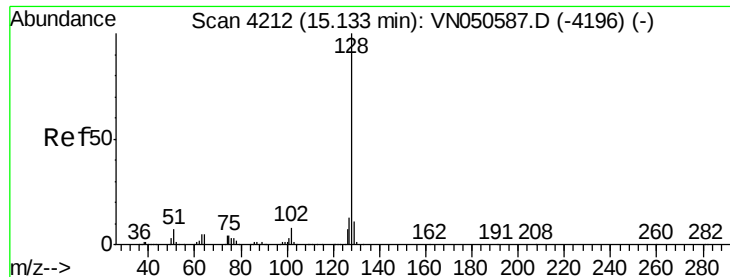
Tgt Ion:117 Resp: 999
Ion Ratio Lower Upper
117 100
201 0.0 45.5 136.5#



#93
1,2,4-Trichlorobenzene
Concen: 2.689 ug/l
RT: 14.91 min Scan# 4144
Delta R.T. 0.00 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

Tgt Ion:180 Resp: 97
Ion Ratio Lower Upper
180 100
182 183.5 47.9 143.7#
145 0.0 14.4 43.4#

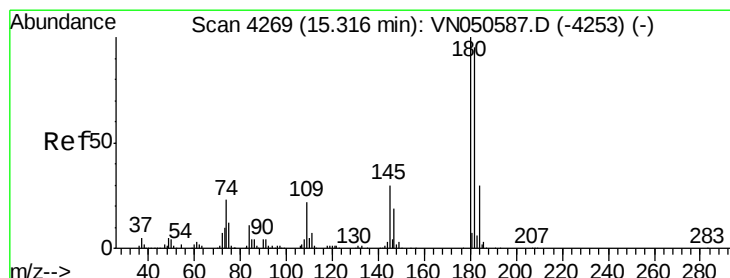
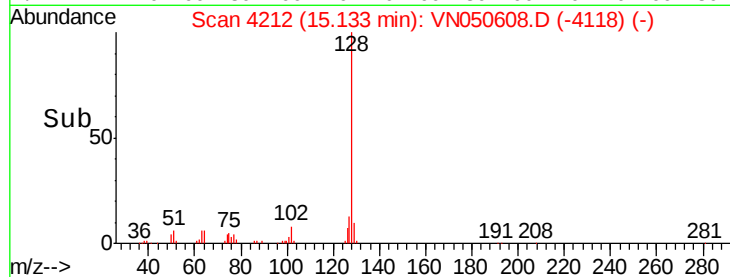
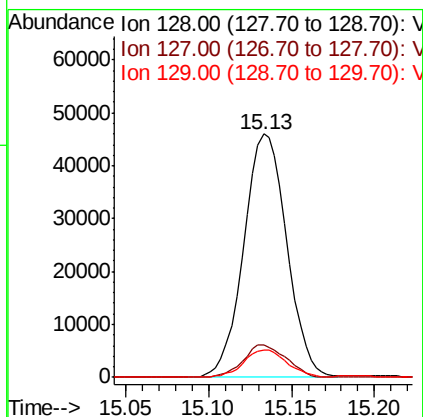
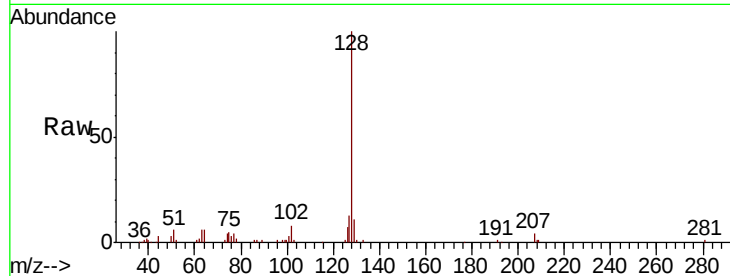




#95
Naphthalene
Concen: 9.767 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

Instrument :
MSVOA_N
ClientSampled :
SP-1-4

Tgt Ion:128 Resp: 83294
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.3 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 1.949 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN050608.D
Acq: 14 Aug 2018 17:39

Tgt Ion:180 Resp: 61
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.8#
145 534.4 14.6 44.0#

