

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050823.D
 Acq On : 22 Aug 2018 16:41
 Operator : MD\SY
 Sample : PB112269ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#05

Quant Time: Aug 23 01:07:00 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	789289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1239306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1046649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	403026	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	485742	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
35) Dibromofluoromethane	7.59	113	457324	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	
50) Toluene-d8	10.09	98	1703258	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
62) 4-Bromofluorobenzene	12.40	95	499306	40.76	ug/l	0.00
Spiked Amount			Recovery	=	81.52%	

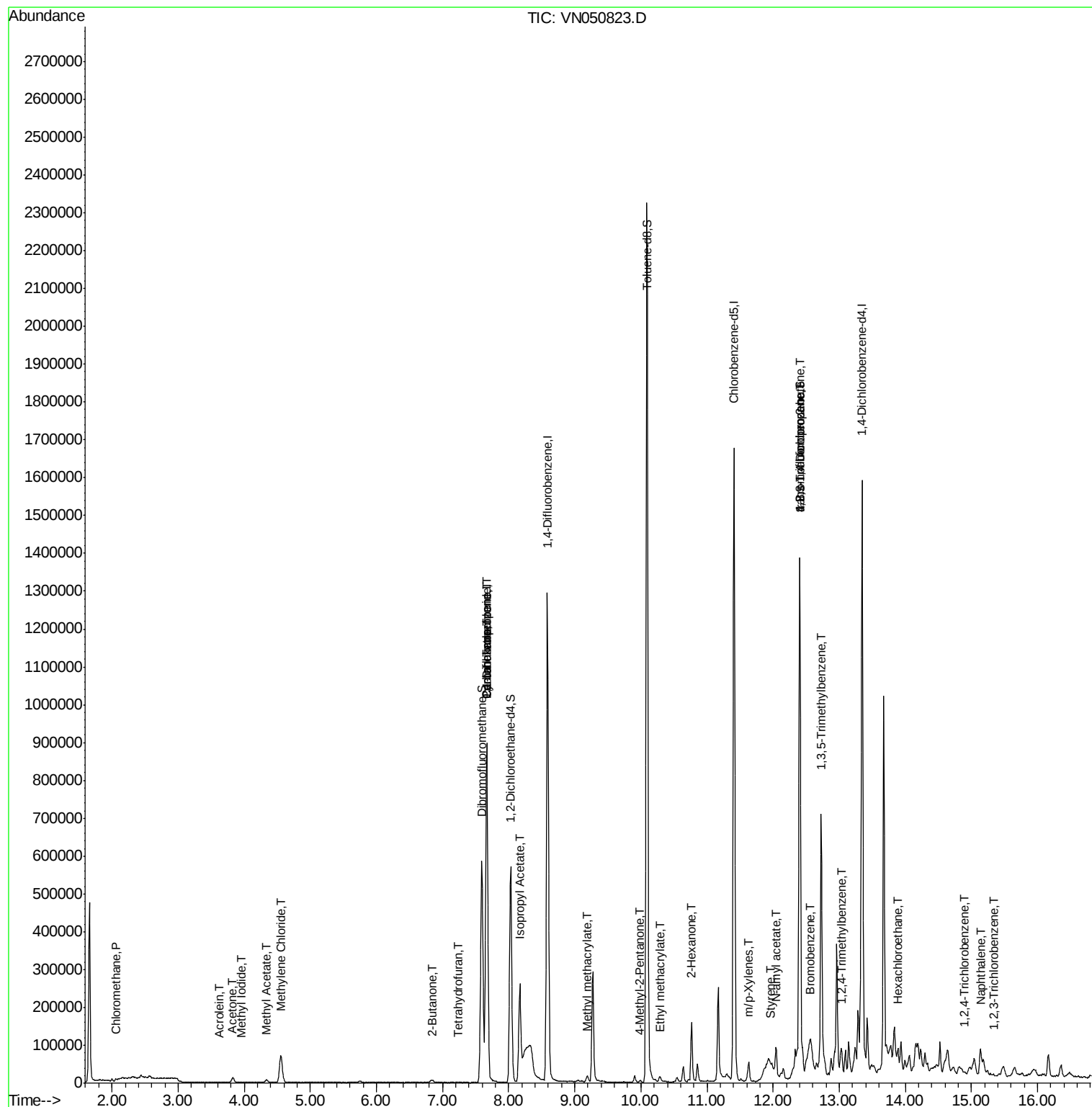
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2752	0.21	ug/l	92
5) Bromomethane	2.57	94	3693	Below Cal		84
10) Methyl Iodide	3.96	142	1204	6.46	ug/l #	66
13) Acrolein	3.63	56	31	17.99	ug/l #	14
16) Acetone	3.83	43	22898	3.20	ug/l	98
18) Methyl Acetate	4.33	43	15990	1.78	ug/l	94
20) Methylene Chloride	4.55	84	57776	5.39	ug/l	97
25) 2-Butanone	6.86	43	4169	1.09	ug/l	99
29) Tetrahydrofuran	7.24	42	1629	0.74	ug/l #	70
31) Cyclohexane	7.67	56	12931	1.26	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	52604	3.60	ug/l #	49
38) Carbon Tetrachloride	7.67	117	69564	4.71	ug/l #	17
43) Isopropyl Acetate	8.17	43	330783	22.90	ug/l	96
48) Methyl methacrylate	9.18	41	10115	1.37	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	3177	0.37	ug/l #	87
56) Ethyl methacrylate	10.30	69	134	2.36	ug/l #	28
59) 2-Hexanone	10.77	43	21865	3.81	ug/l #	54
68) m/p-Xylenes	11.62	106	5965	0.35	ug/l	92
70) Styrene	11.97	104	1027	1.31	ug/l #	75
74) N-amyl acetate	12.04	43	11676	1.39	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.49	83	484	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	233073	33.02	ug/l #	100
77) Bromobenzene	12.56	156	130165	14.35	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.73	105	12392	0.46	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	233073	111.62	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	16878	0.62	ug/l	98
90) Hexachloroethane	13.89	117	1361	0.46	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.90	180	226	4.11	ug/l #	66
95) Naphthalene	15.13	128	56552	8.53	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	202	3.32	ug/l #	1

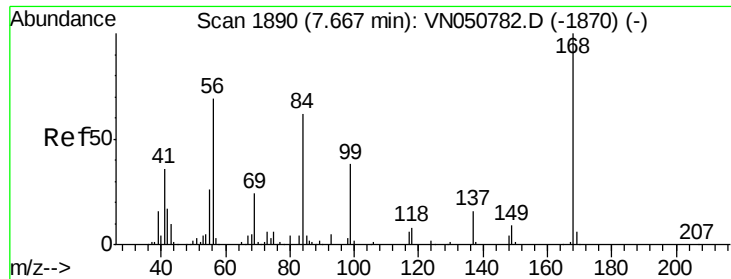
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

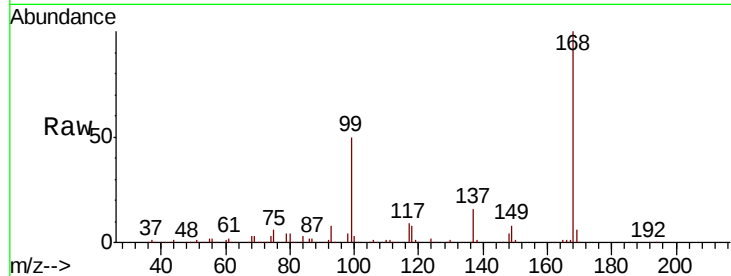
PB112269ZHE#05

Tot Ion:168 Resp: 789289

Ion Ratio Lower Upper

168 100

99 50.0 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050823.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050823.D (-1797) (-)

7.67

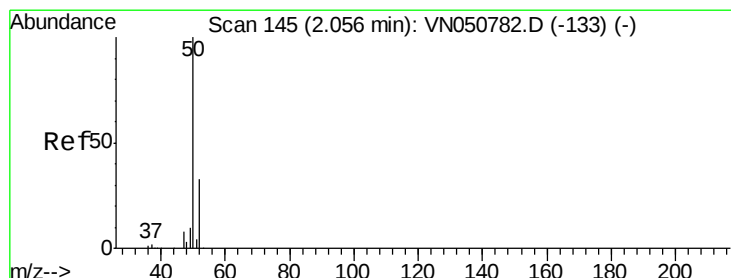
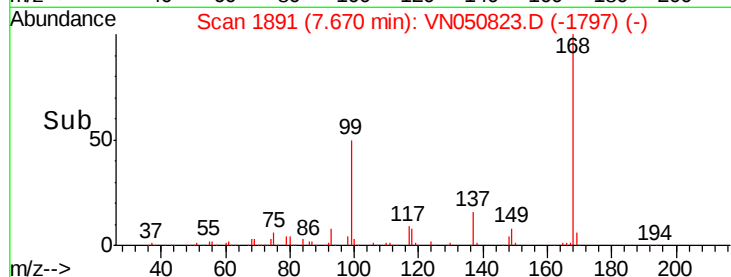
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.21 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050823.D

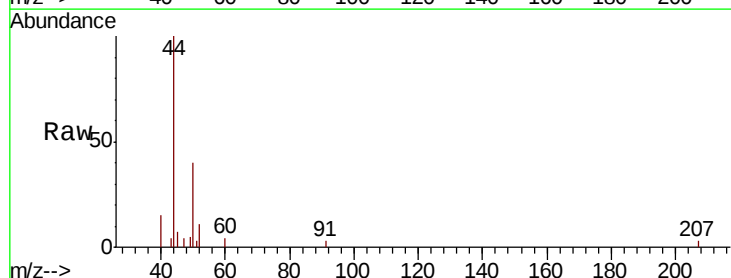
Acq: 22 Aug 2018 16:41

Tgt Ion: 50 Resp: 2752

Ion Ratio Lower Upper

50 100

52 28.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN050823.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN050823.D (-52) (-)

2.06

2500

2000

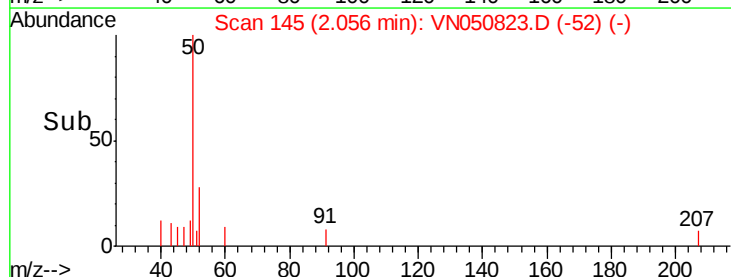
1500

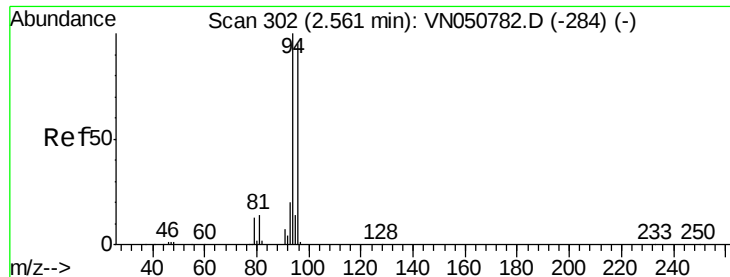
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

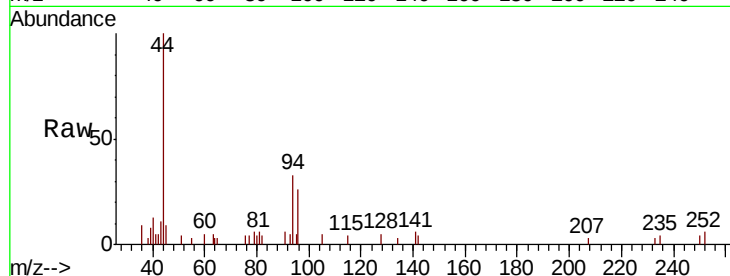
PB112269ZHE#05

Tot Ion: 94 Resp: 3693

Ion Ratio Lower Upper

94 100

96 79.2 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050823.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050823.D (-284) (-)

2.57

2000

1500

1000

500

0

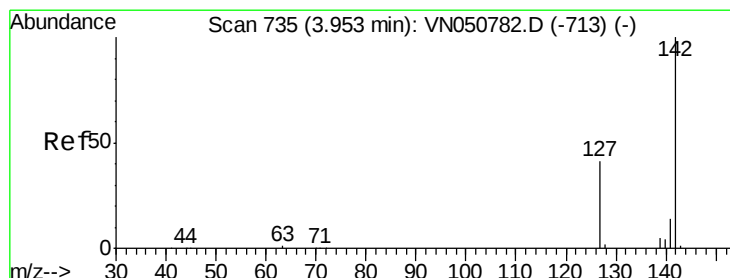
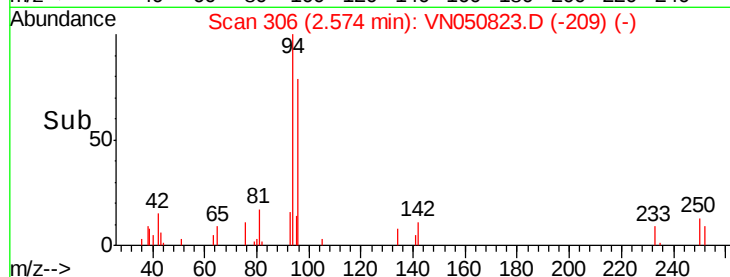
2.50

2.55

2.60

2.65

Time-->



#10

Methyl Iodide

Concen: 6.46 ug/l

RT: 3.96 min Scan# 736

Delta R.T. 0.00 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

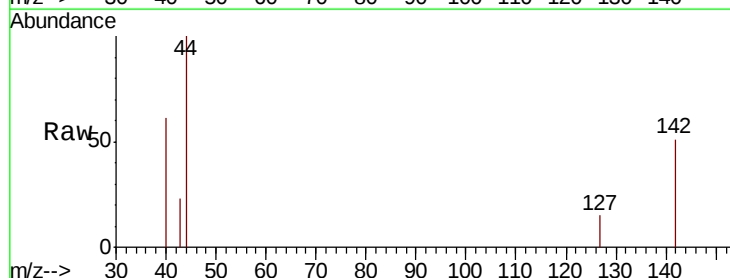
Tgt Ion: 142 Resp: 1204

Ion Ratio Lower Upper

142 100

127 19.0 31.7 47.5#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): VN050823.D (-642) (-)

Ion 126.80 (126.50 to 127.50): VN050823.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN050823.D (-642) (-)

3.96

600

400

200

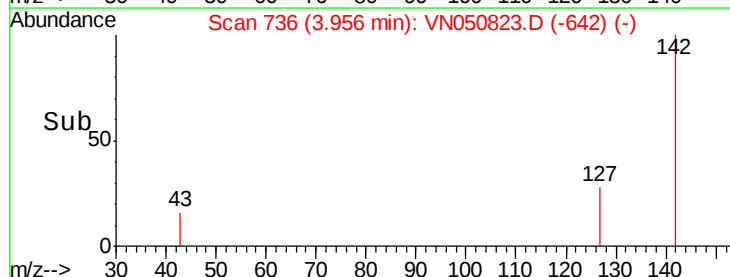
0

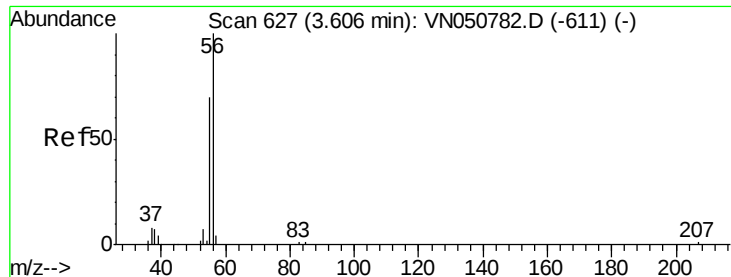
3.90

3.95

4.00

Time-->





#13

Acrolein

Concen: 17.99 ug/l

RT: 3.63 min Scan# 634

Delta R.T. 0.02 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

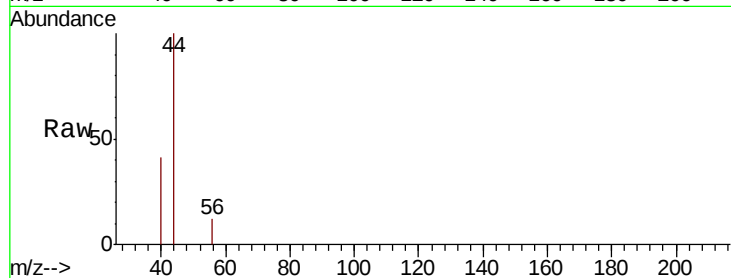
PB112269ZHE#05

Tot Ion: 56 Resp: 31

Ion Ratio Lower Upper

56 100

55 0.0 57.7 86.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.63

150

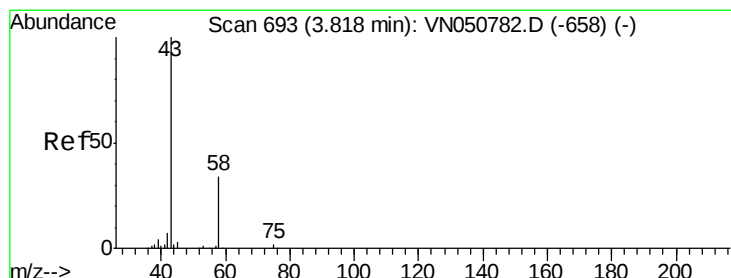
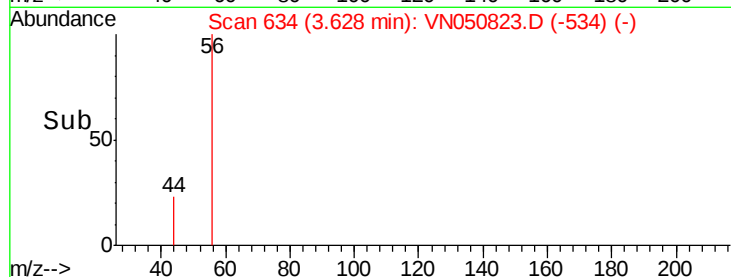
100

50

0

3.62 3.63 3.63 3.63

Time-->



#16

Acetone

Concen: 3.20 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050823.D

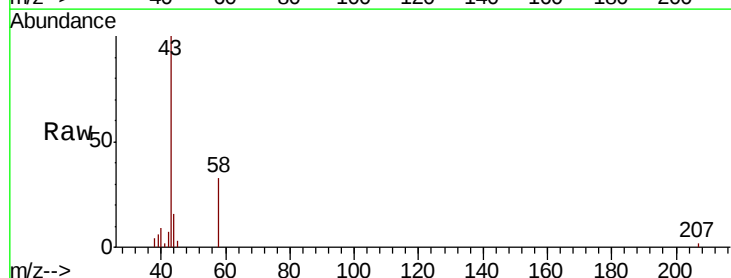
Acq: 22 Aug 2018 16:41

Tgt Ion: 43 Resp: 22898

Ion Ratio Lower Upper

43 100

58 32.7 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

8000

6000

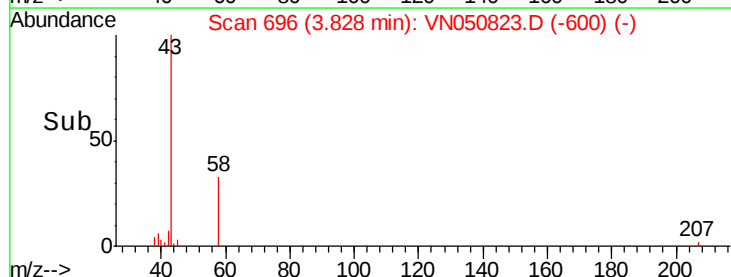
4000

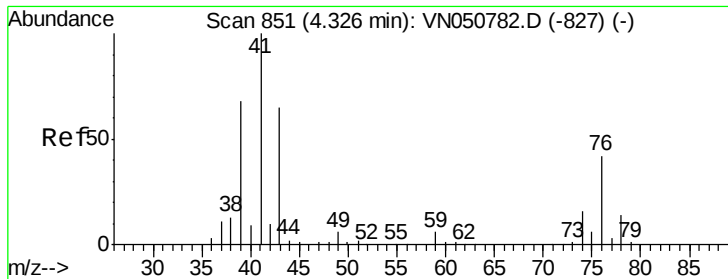
2000

0

3.75 3.80 3.85 3.90

Time-->

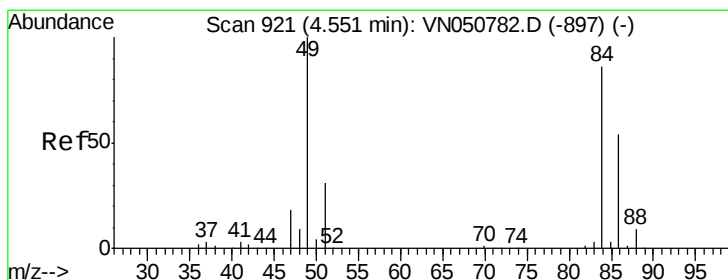
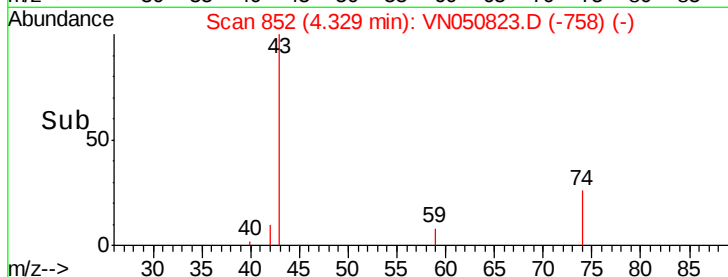
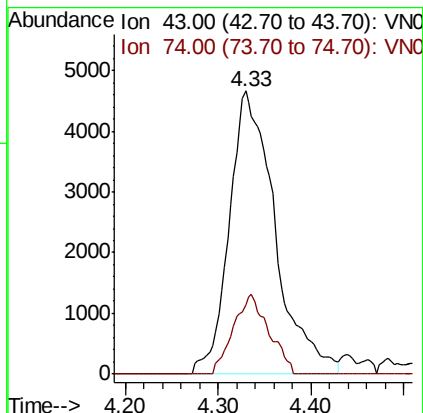
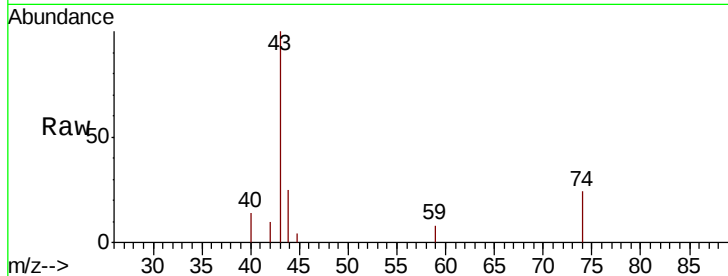




#18
Methyl Acetate
Concen: 1.78 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

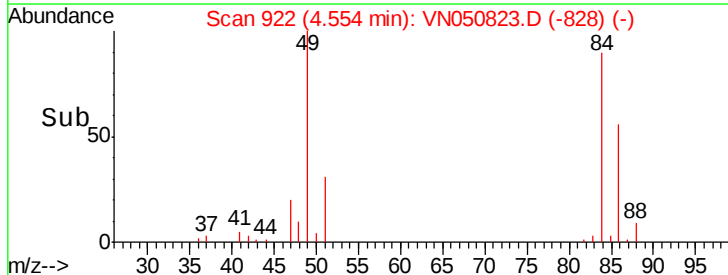
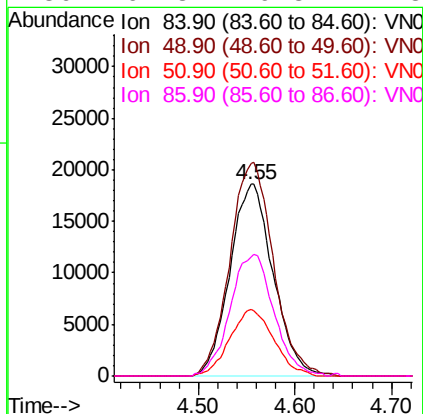
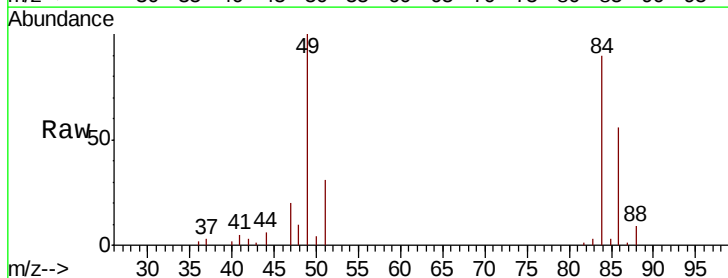
Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#05

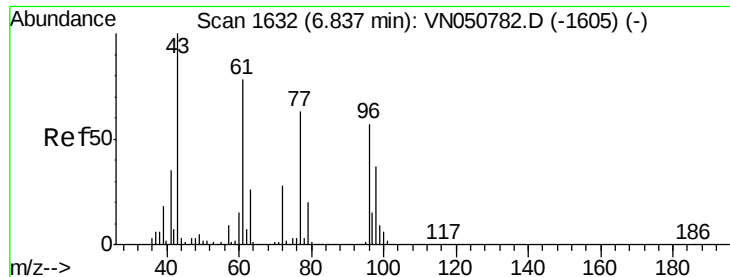
Tot Ion: 43 Resp: 15990
Ion Ratio Lower Upper
43 100
74 21.7 19.8 29.8



#20
Methylene Chloride
Concen: 5.39 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

Tgt Ion: 84 Resp: 57776
Ion Ratio Lower Upper
84 100
49 111.0 93.2 139.8
51 34.9 29.0 43.6
86 62.3 49.8 74.8





#25

2-Butanone

Concen: 1.09 ug/l

RT: 6.86 min Scan# 1638

Delta R.T. 0.02 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

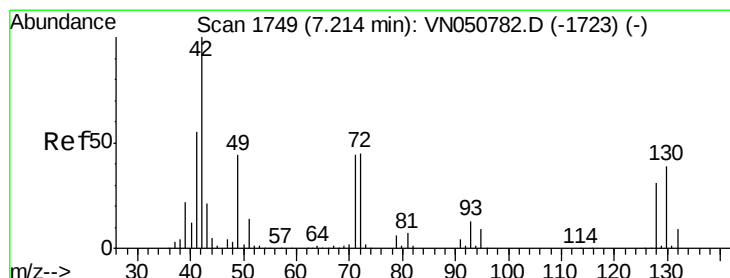
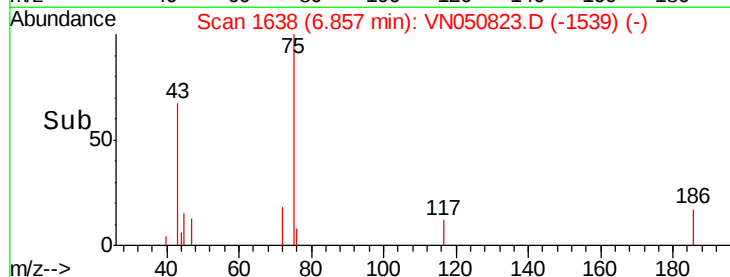
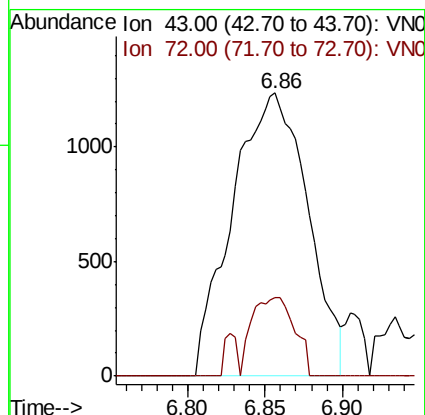
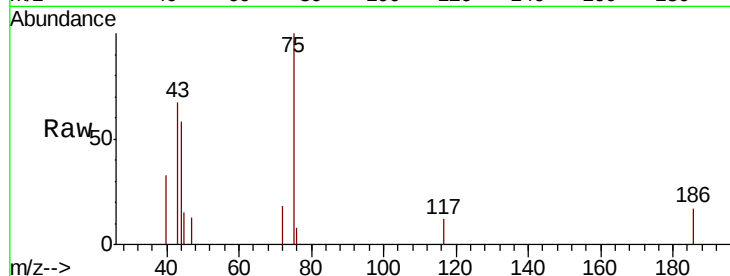
PB112269ZHE#05

Tot Ion: 43 Resp: 4169

Ion Ratio Lower Upper

43 100

72 27.6 22.3 33.5



#29

Tetrahydrofuran

Concen: 0.74 ug/l

RT: 7.24 min Scan# 1756

Delta R.T. 0.02 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

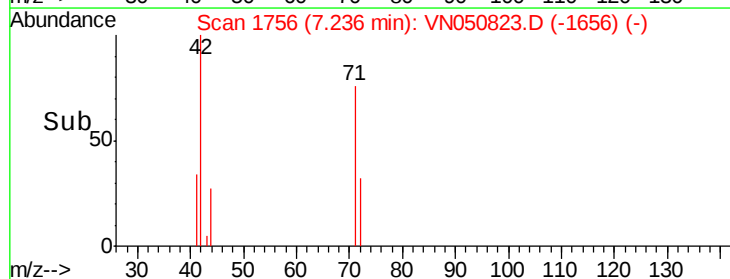
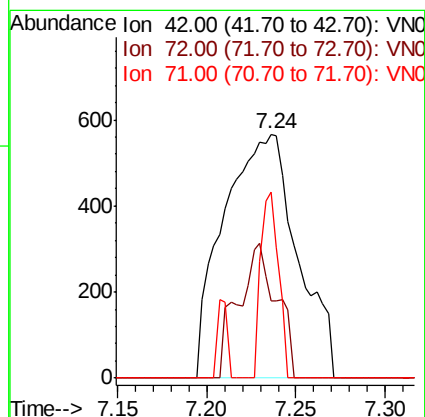
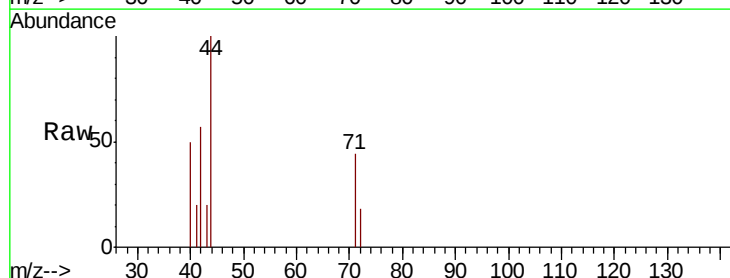
Tgt Ion: 42 Resp: 1629

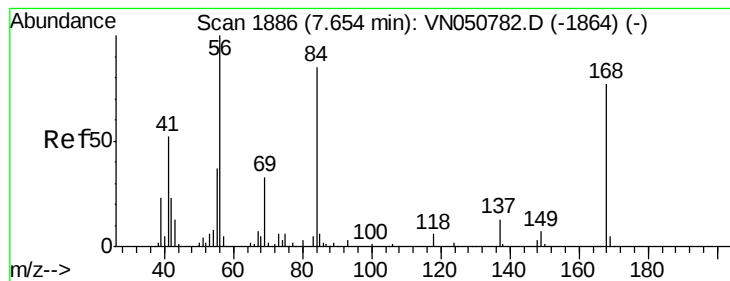
Ion Ratio Lower Upper

42 100

72 28.9 35.5 53.3#

71 18.8 33.7 50.5#





#31

Cyclohexane

Concen: 1.26 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.02 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#05

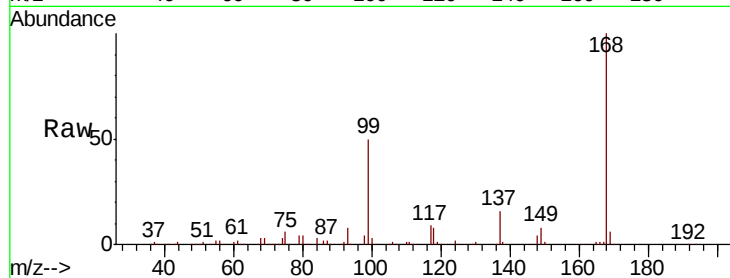
Tot Ion: 56 Resp: 12931

Ion Ratio Lower Upper

56 100

69 205.9 26.2 39.4#

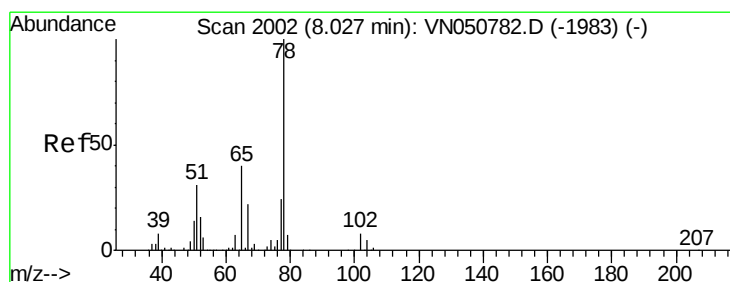
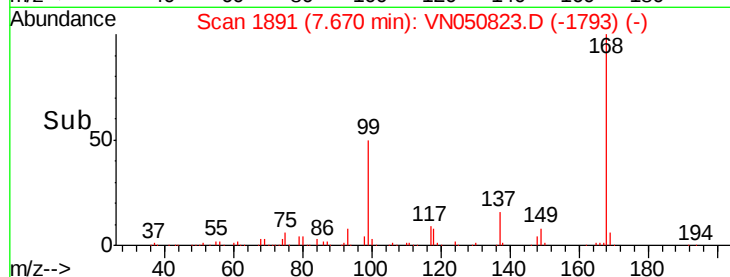
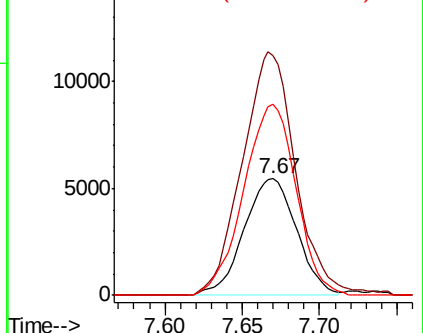
84 163.6 68.3 102.5#



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: 51.12 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050823.D

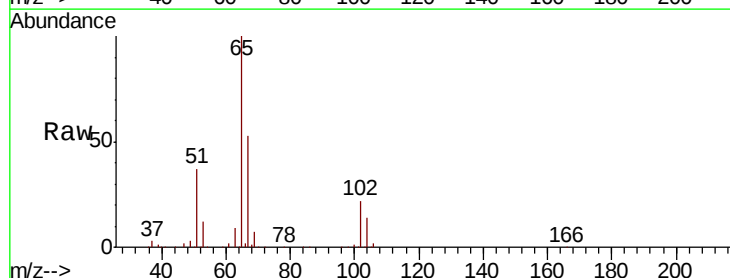
Acq: 22 Aug 2018 16:41

Tgt Ion: 65 Resp: 485742

Ion Ratio Lower Upper

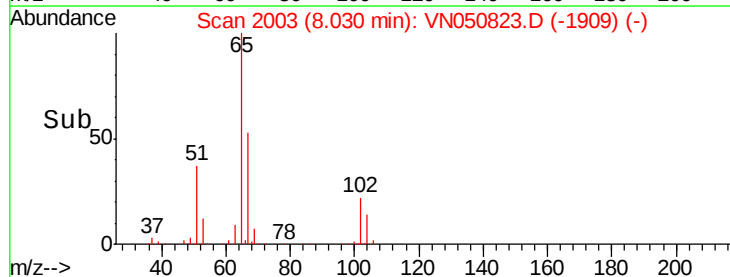
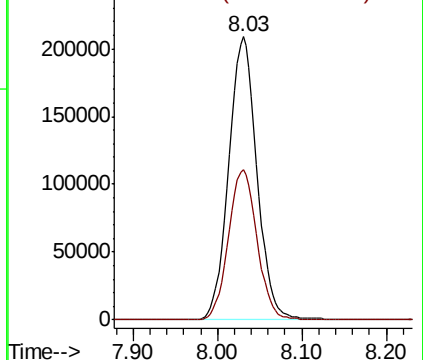
65 100

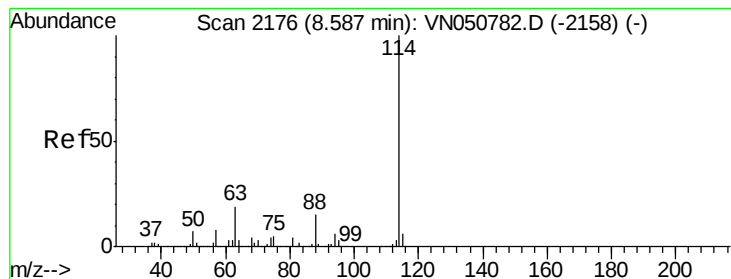
67 54.0 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#05

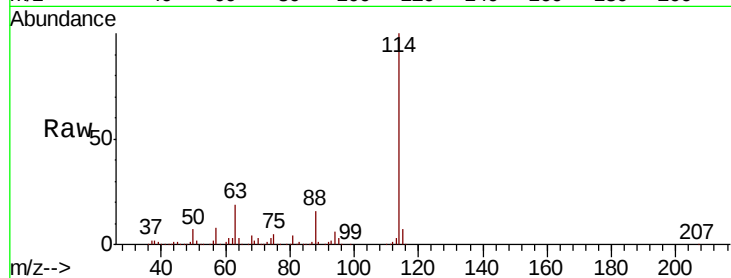
Tot Ion:114 Resp: 1239306

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

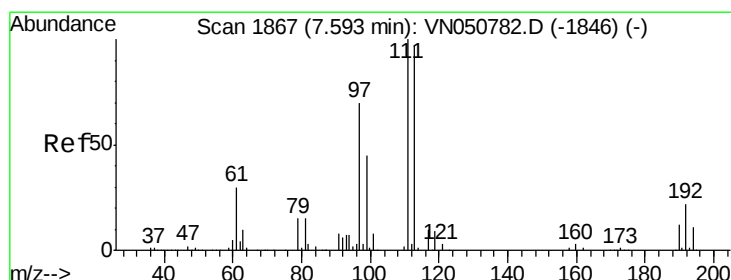
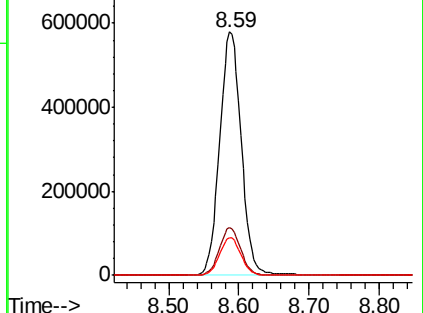
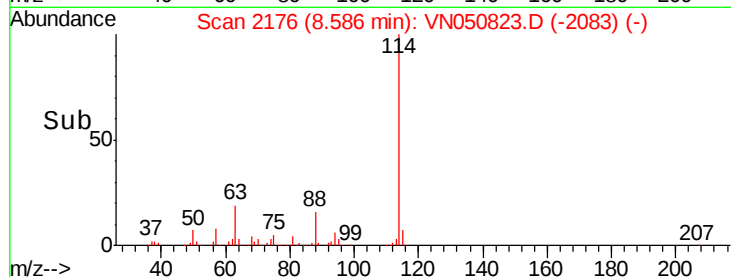
88 15.6 0.0 30.6



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: 46.38 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

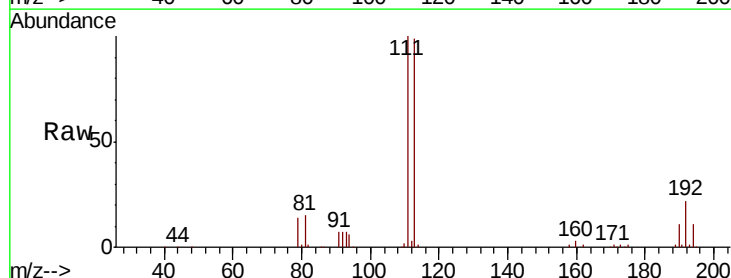
Tgt Ion:113 Resp: 457324

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

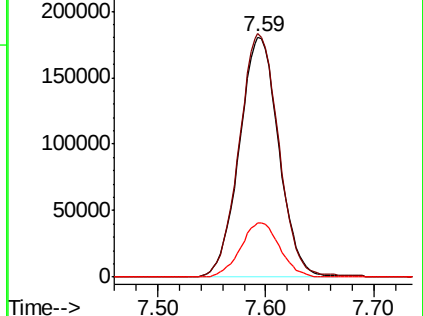
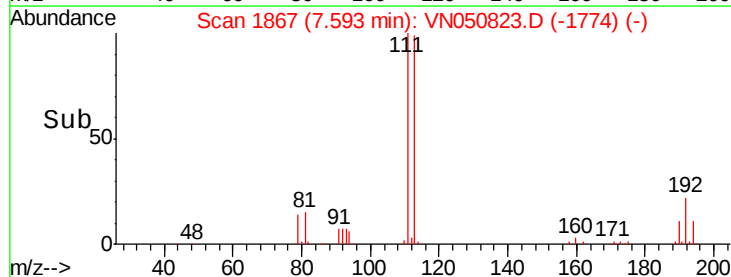
192 22.7 18.0 27.0

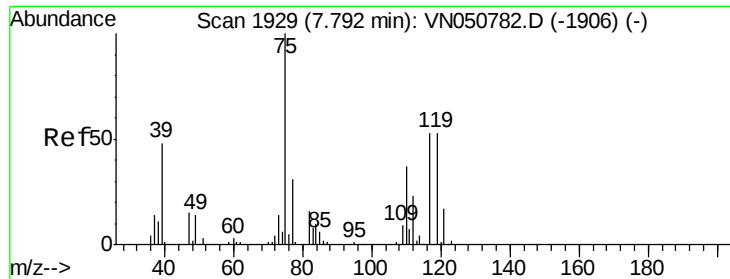


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

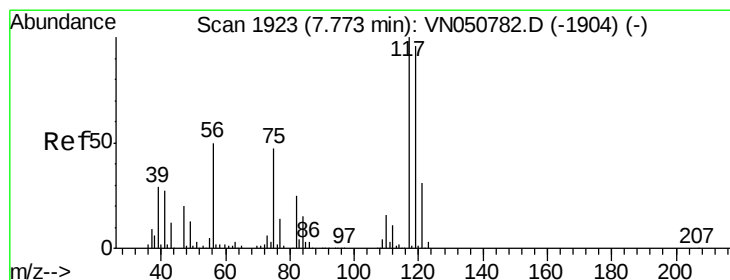
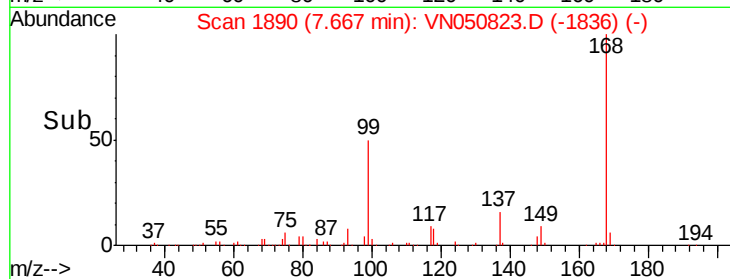
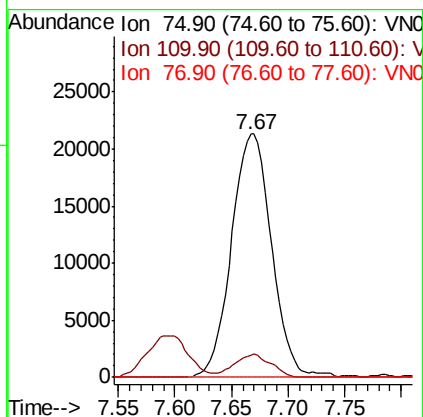
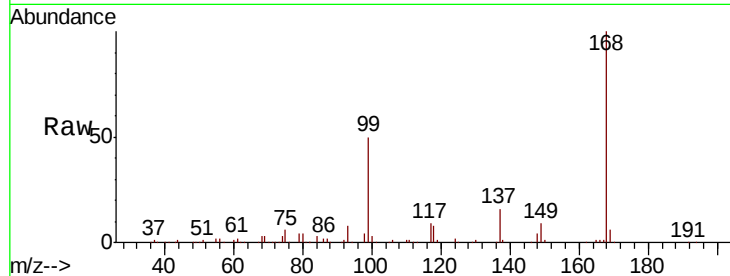




#36
 1,1-Dichloropropene
 Concen: 3.60 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050823.D
 Acq: 22 Aug 2018 16:41

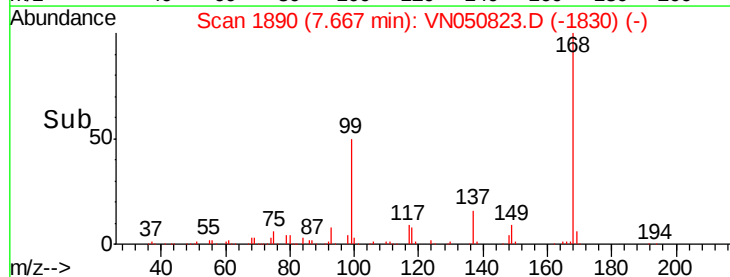
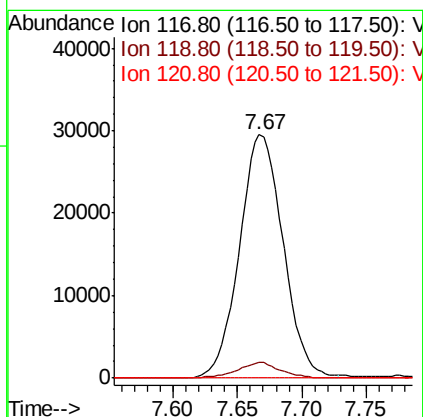
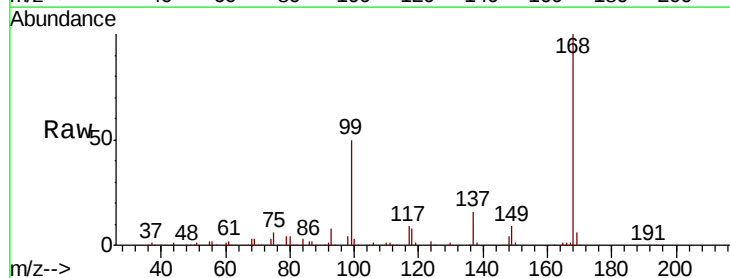
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#05

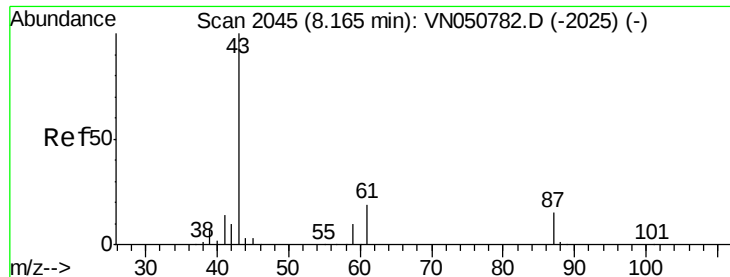
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 4.71 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050823.D
 Acq: 22 Aug 2018 16:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.3	114.5#
121	0.0	24.6	36.8#



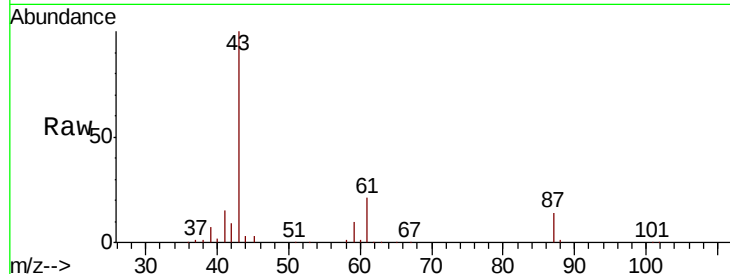


#43

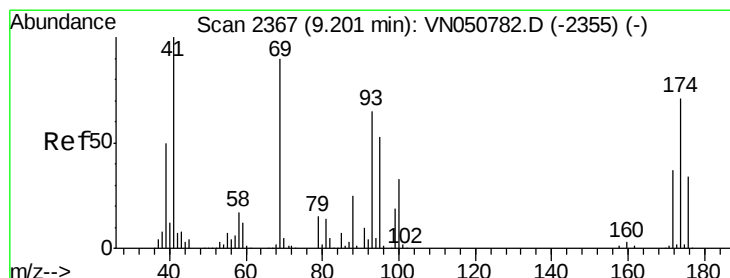
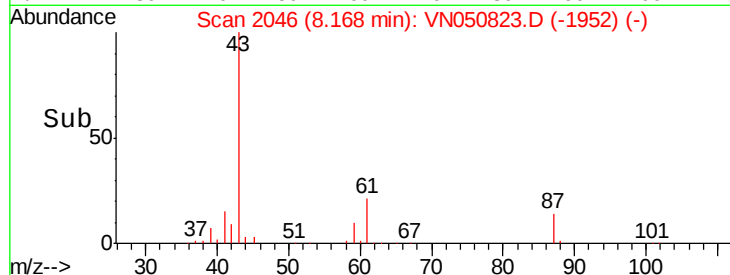
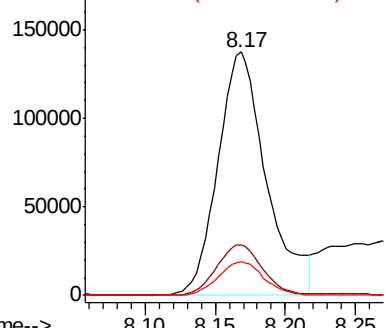
Isopropyl Acetate
 Concen: 22.90 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050823.D
 Acq: 22 Aug 2018 16:41

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#05

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	17.5	26.3
87	13.0	11.3	16.9



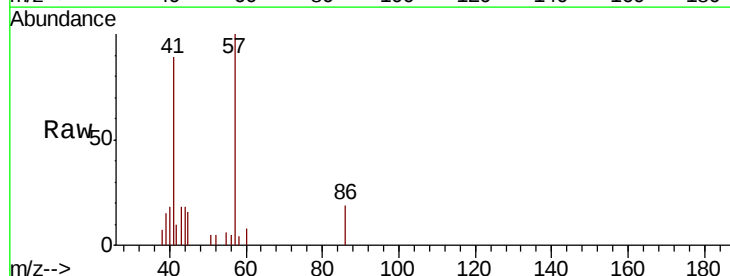
Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO



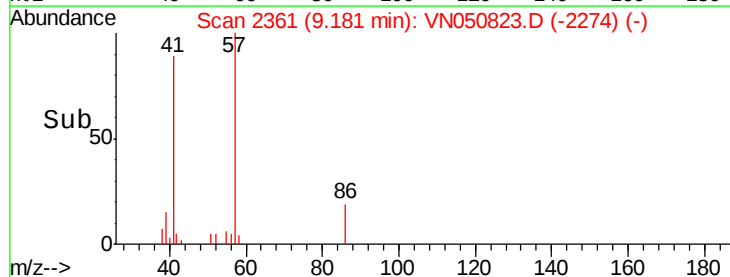
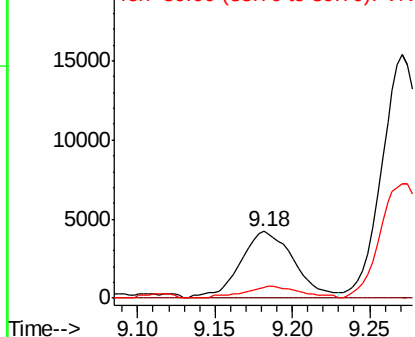
#48

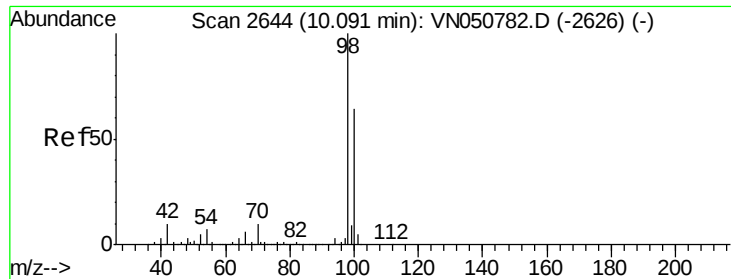
Methyl methacrylate
 Concen: 1.37 ug/l
 RT: 9.18 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: VN050823.D
 Acq: 22 Aug 2018 16:41

Tgt Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.7	112.1#
39	18.6	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

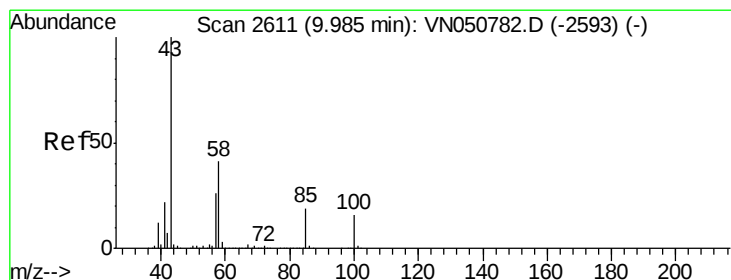
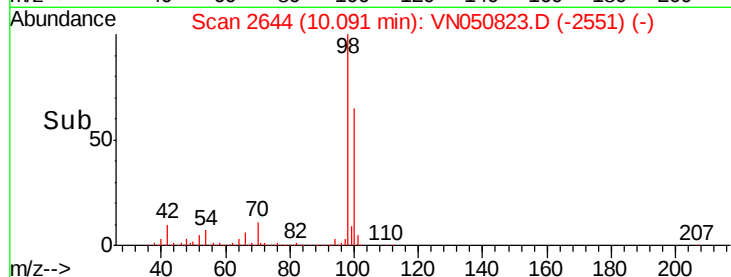
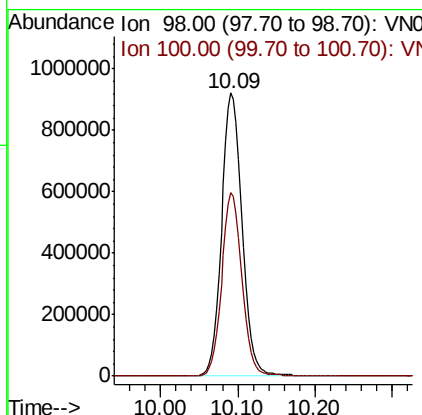
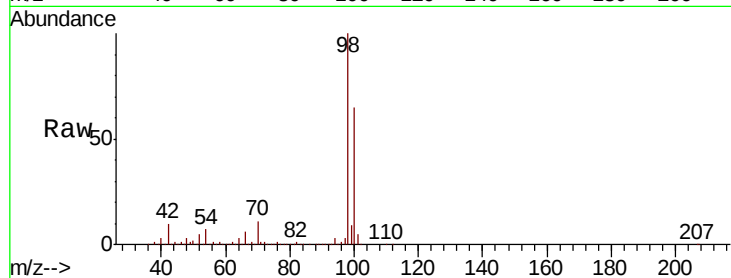




#50
Toluene-d8
Concen: 46.21 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

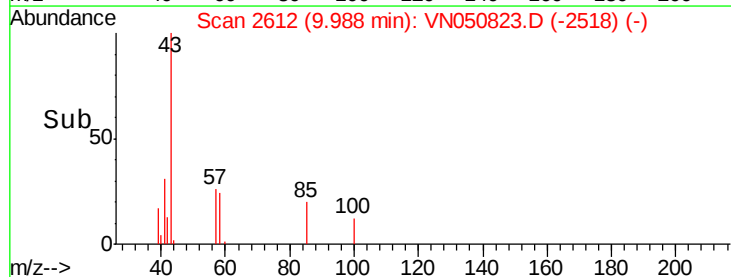
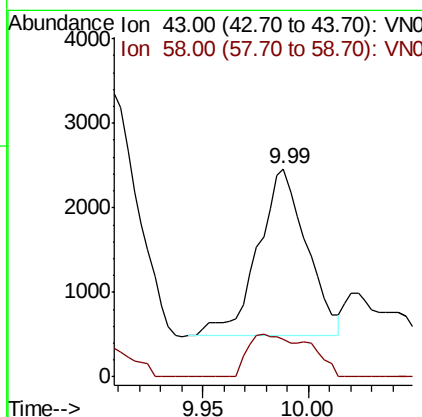
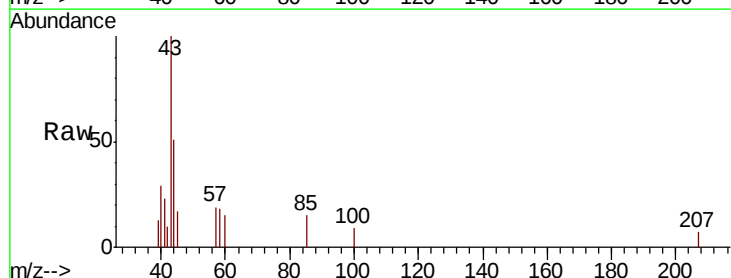
Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#05

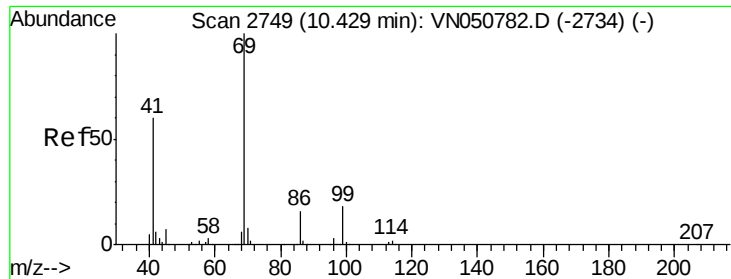
Tot Ion: 98 Resp: 1703258
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.37 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

Tgt Ion: 43 Resp: 3177
Ion Ratio Lower Upper
43 100
58 32.2 32.4 48.6#

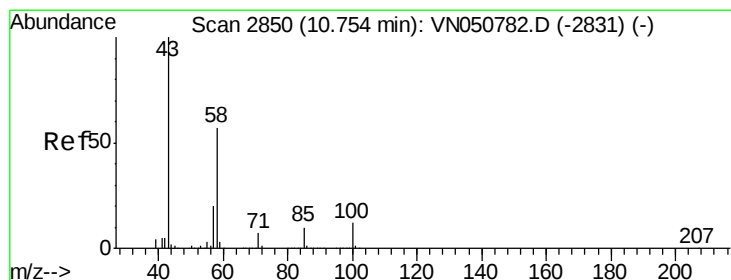
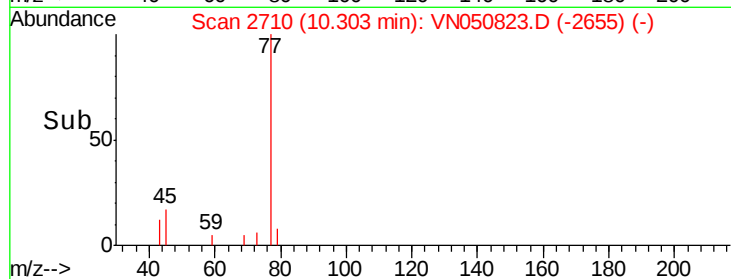
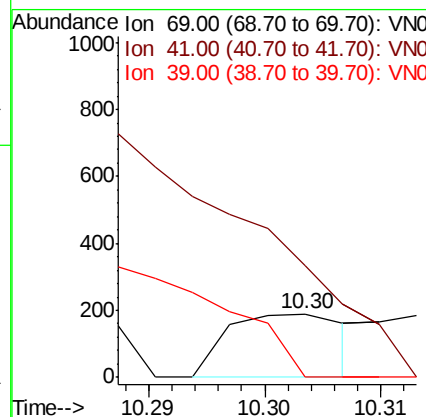
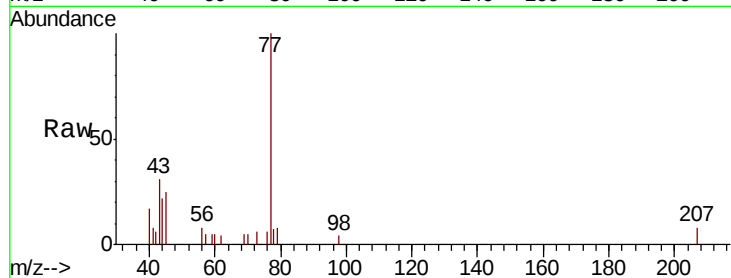




#56
Ethyl methacrylate
Concen: 2.36 ug/l
RT: 10.30 min Scan# 2710
Delta R.T. -0.12 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

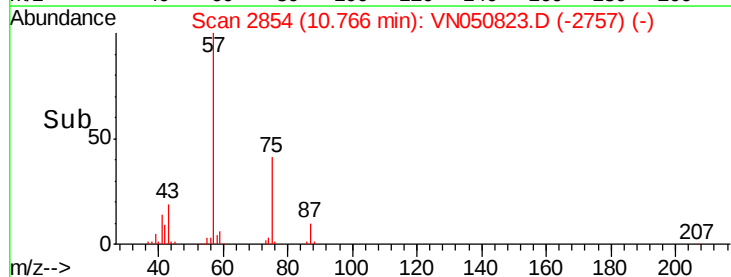
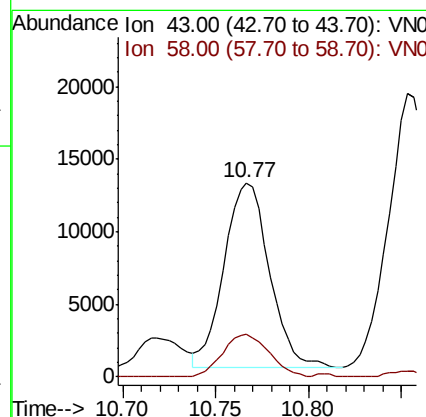
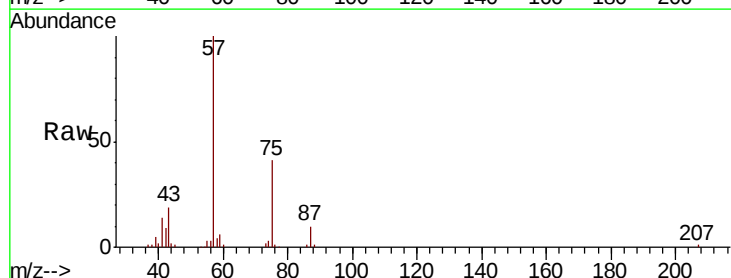
Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#05

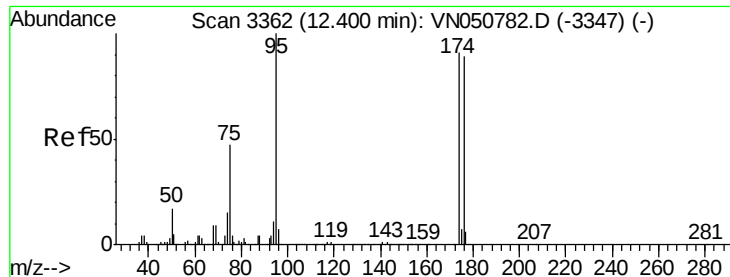
Tot Ion: 69 Resp: 134
Ion Ratio Lower Upper
69 100
41 0.0 48.3 72.5#
39 0.0 24.0 36.0#



#59
2-Hexanone
Concen: 3.81 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

Tgt Ion: 43 Resp: 21865
Ion Ratio Lower Upper
43 100
58 23.2 28.3 85.0#





#62

4-Bromofluorobenzene

Concen: 40.76 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#05

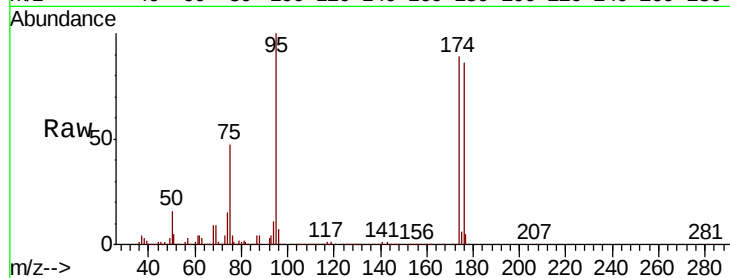
Tot Ion: 95 Resp: 499306

Ion Ratio Lower Upper

95 100

174 89.7 0.0 183.0

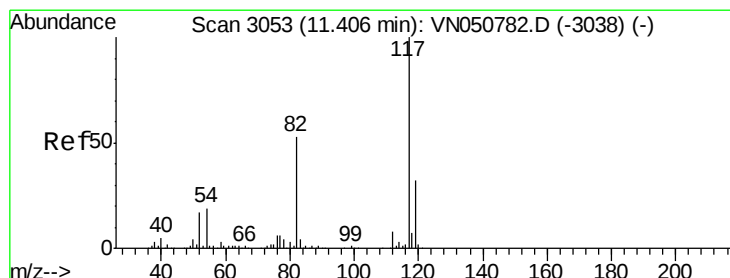
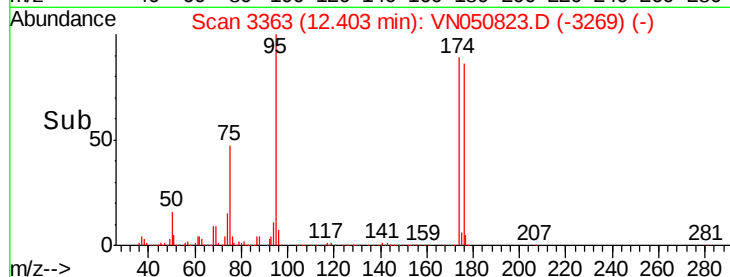
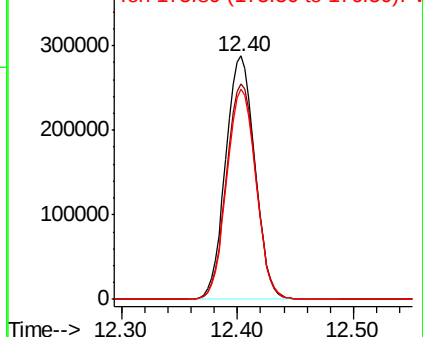
176 86.7 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050823.D (-3269) (-)

Ion 173.80 (173.50 to 174.50): VN050823.D (-3269) (-)

Ion 175.80 (175.50 to 176.50): VN050823.D (-3269) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

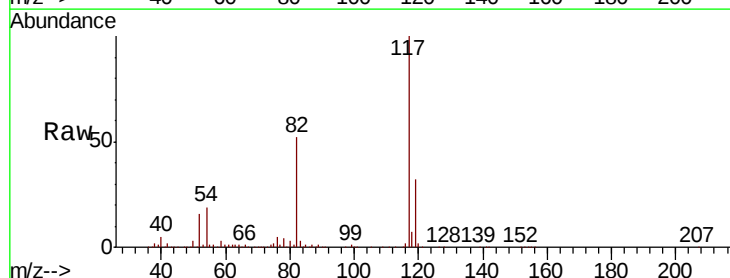
Tgt Ion: 117 Resp: 1046649

Ion Ratio Lower Upper

117 100

82 52.3 42.6 64.0

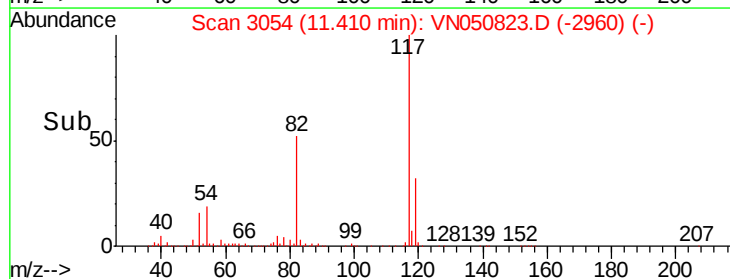
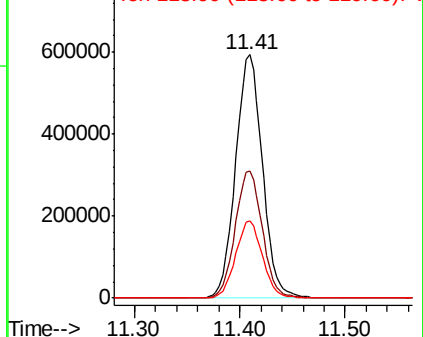
119 31.6 25.8 38.6

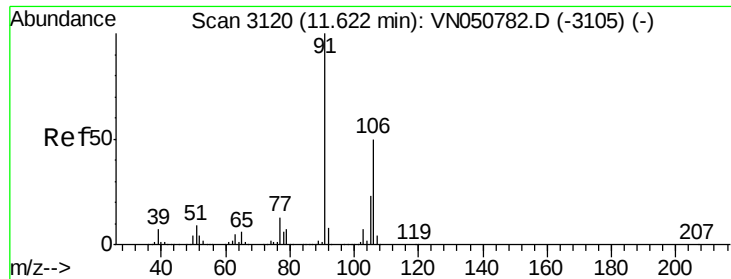


Abundance Ion 116.90 (116.60 to 117.60): VN050823.D (-2960) (-)

Ion 82.00 (81.70 to 82.70): VN050823.D (-2960) (-)

Ion 118.90 (118.60 to 119.60): VN050823.D (-2960) (-)

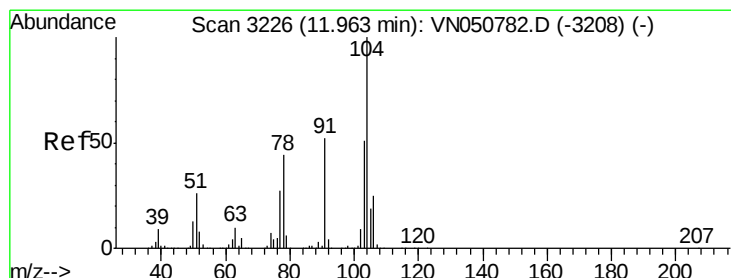
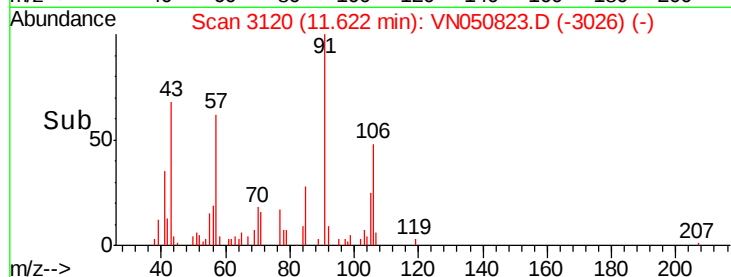
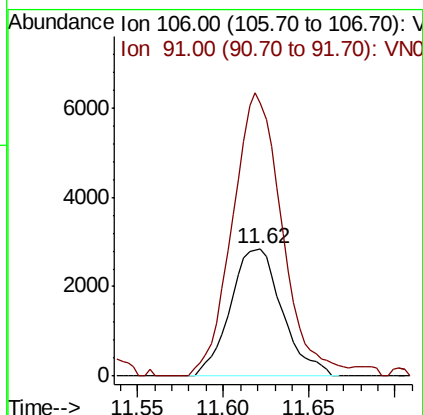
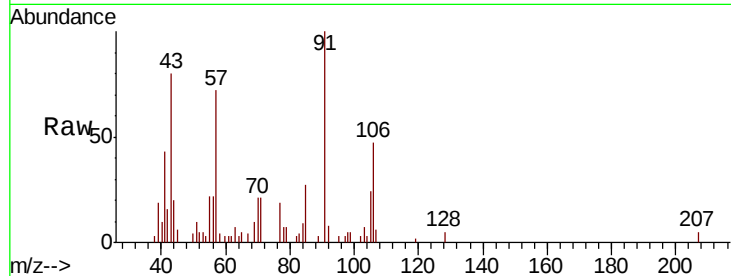




#68
m/p-Xvlenes
Concen: 0.35 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

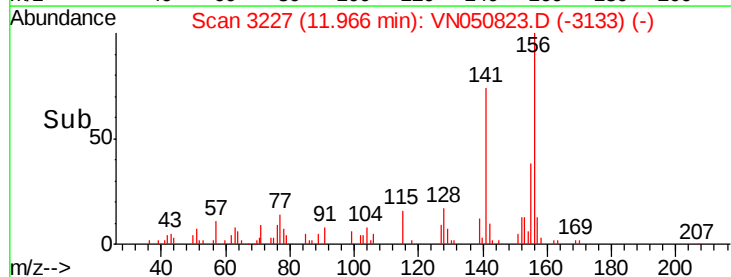
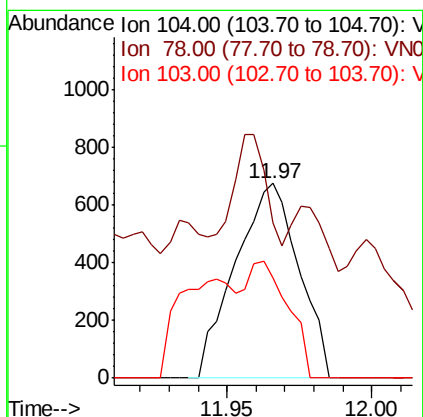
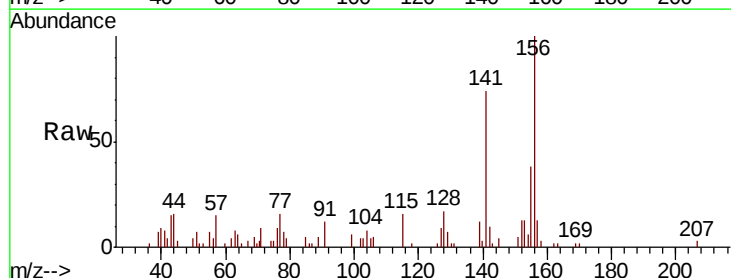
Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#05

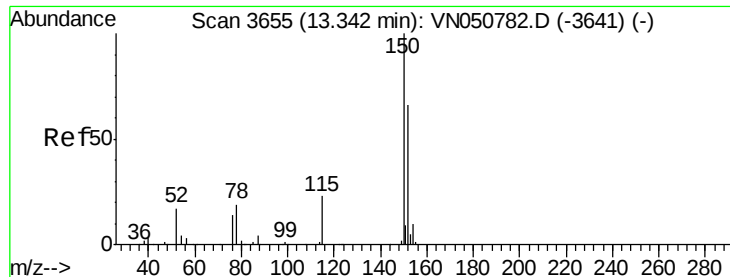
Tot Ion:106 Resp: 5965
Ion Ratio Lower Upper
106 100
91 214.1 161.0 241.6



#70
Styrene
Concen: 1.31 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050823.D
Acq: 22 Aug 2018 16:41

Tgt Ion:104 Resp: 1027
Ion Ratio Lower Upper
104 100
78 26.7 38.2 57.4#
103 40.7 44.4 66.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#05

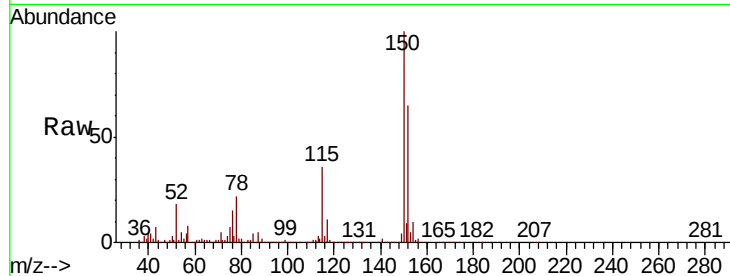
Tot Ion:152 Resp: 403026

Ion Ratio Lower Upper

152 100

115 57.4 27.8 83.4

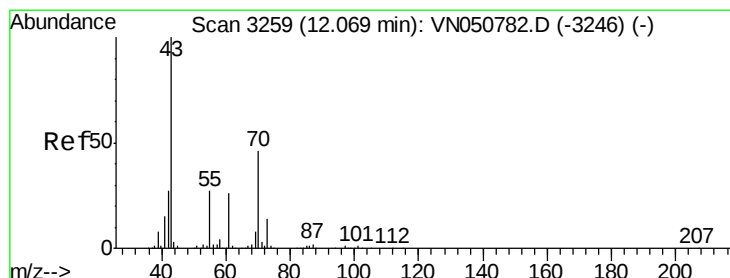
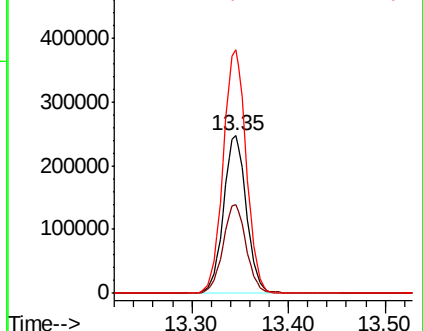
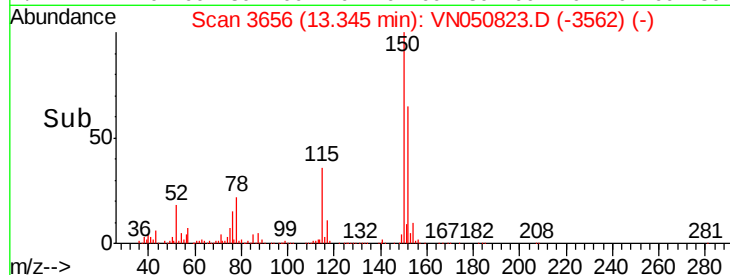
150 156.2 0.0 351.4



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



#74

N-ethyl acetate

Concen: 1.39 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. -0.03 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

Tgt Ion: 43 Resp: 11676

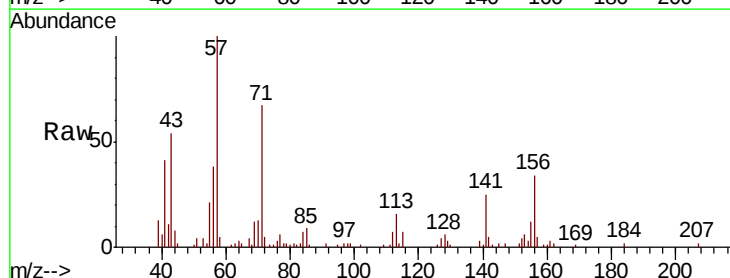
Ion Ratio Lower Upper

43 100

70 29.0 36.2 54.2#

55 32.7 21.8 32.8

61 0.0 20.5 30.7#

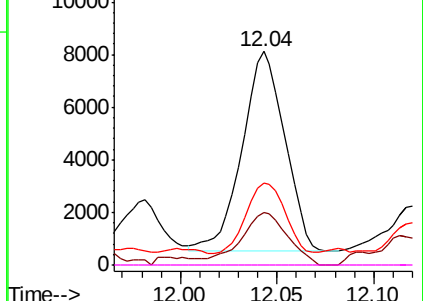
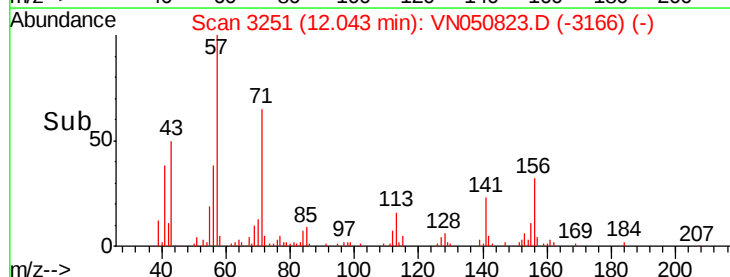


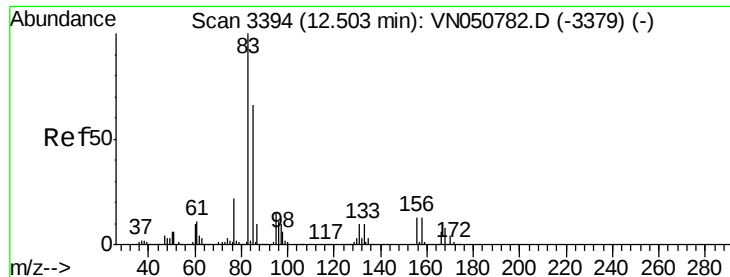
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.49 min Scan# 3389

Delta R.T. -0.02 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#05

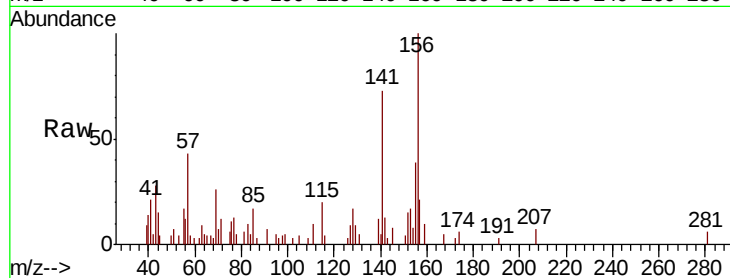
Tot Ion: 83 Resp: 484

Ion Ratio Lower Upper

83 100

131 28.9 5.3 15.9#

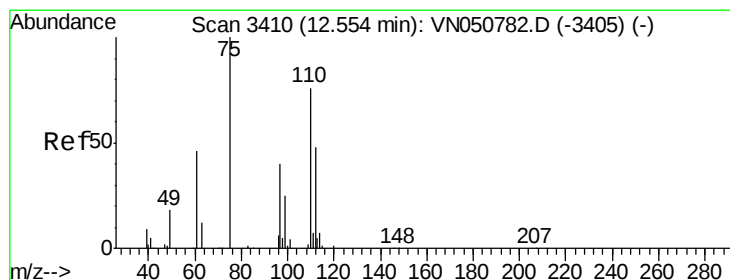
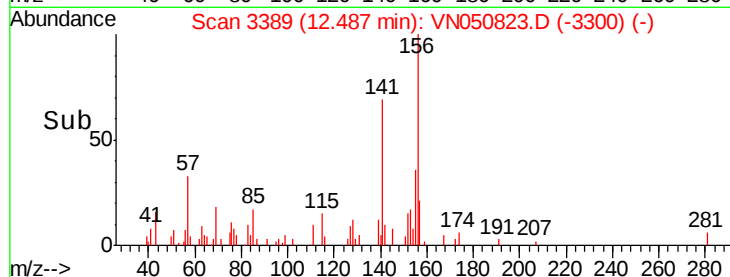
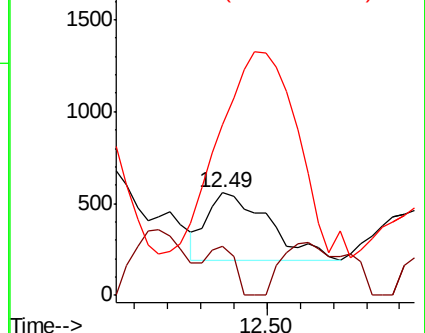
85 397.7 31.9 95.7#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 33.02 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050823.D

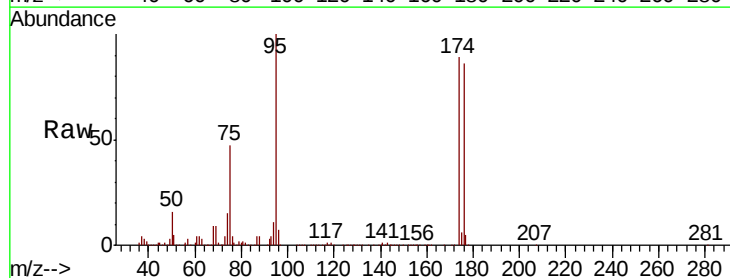
Acq: 22 Aug 2018 16:41

Tgt Ion: 75 Resp: 233073

Ion Ratio Lower Upper

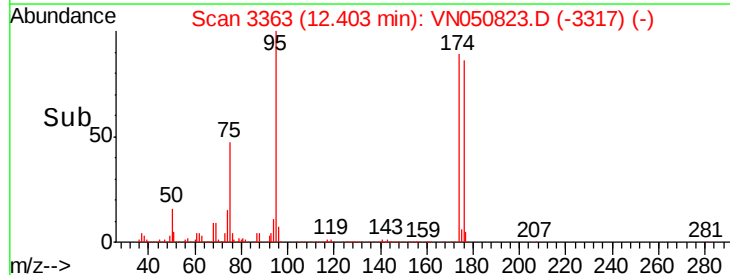
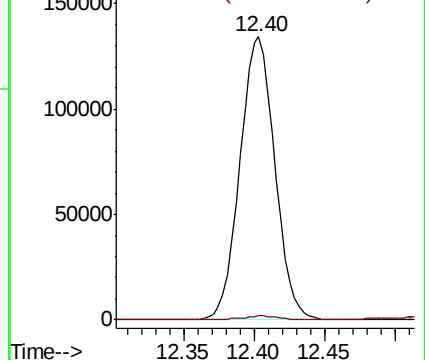
75 100

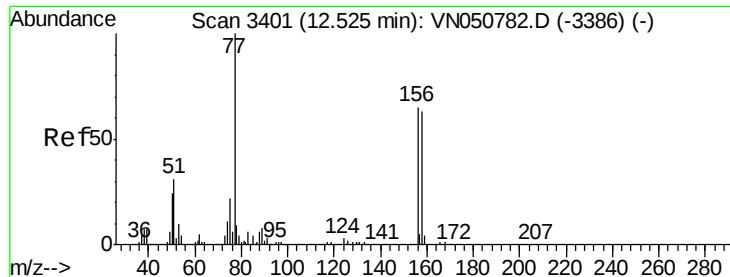
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 14.35 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.04 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#05

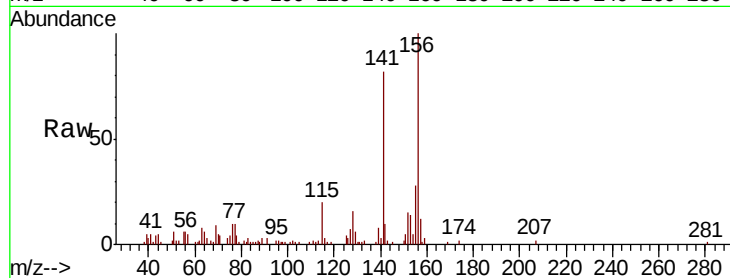
Tot Ion:156 Resp: 130165

Ion Ratio Lower Upper

156 100

77 0.0 89.9 269.7#

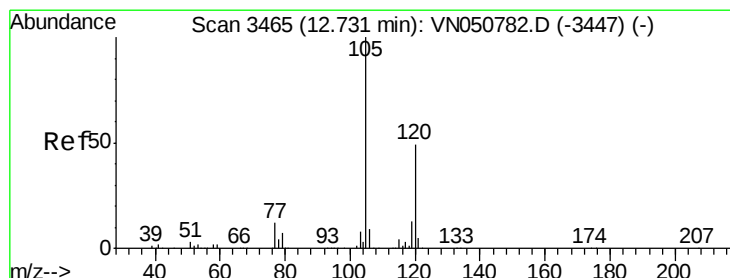
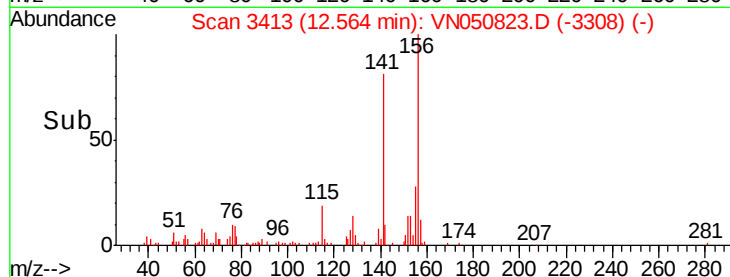
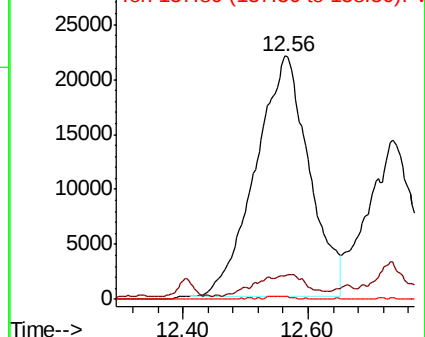
158 0.0 49.3 147.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.46 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050823.D

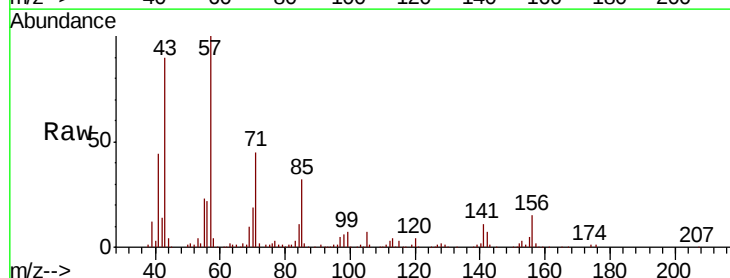
Acq: 22 Aug 2018 16:41

Tgt Ion:105 Resp: 12392

Ion Ratio Lower Upper

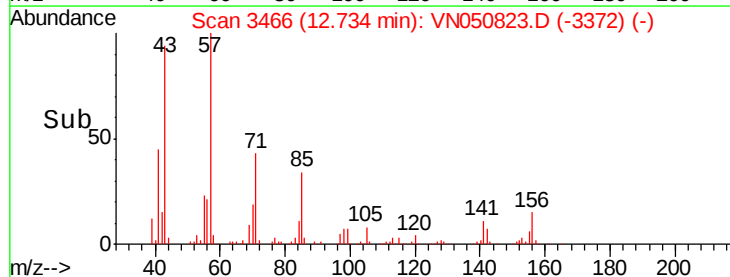
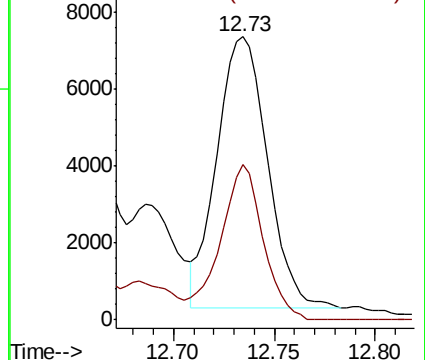
105 100

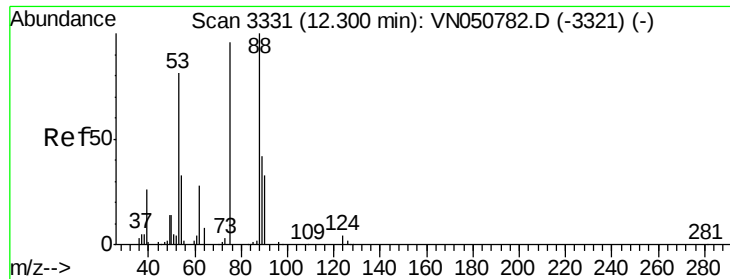
120 48.7 24.6 74.0



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: 111.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#05

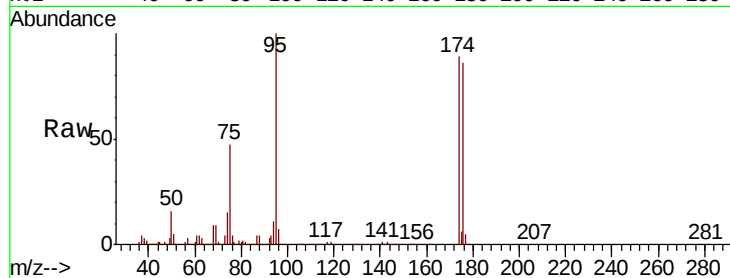
Tot Ion: 75 Resp: 233073

Ion Ratio Lower Upper

75 100

53 0.1 68.9 103.3#

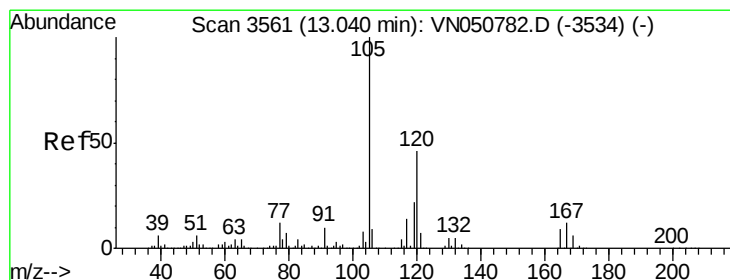
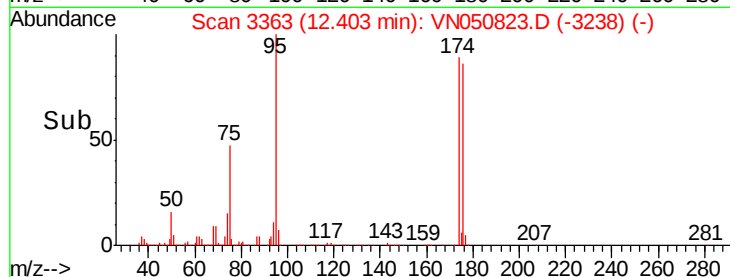
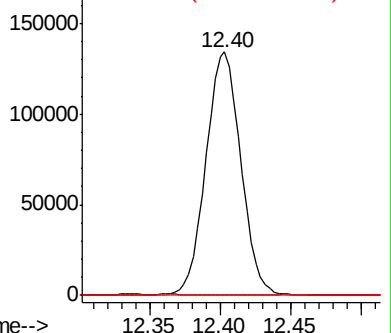
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN050823.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN050823.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN050823.D (-3363) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.62 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050823.D

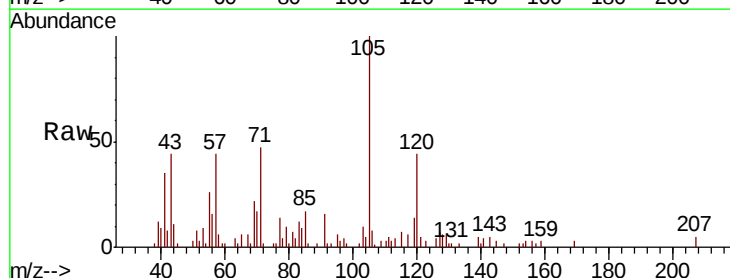
Acq: 22 Aug 2018 16:41

Tgt Ion: 105 Resp: 16878

Ion Ratio Lower Upper

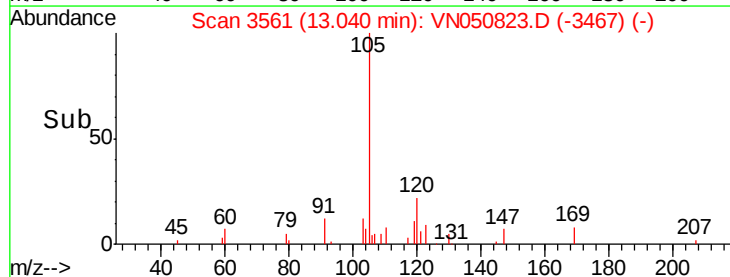
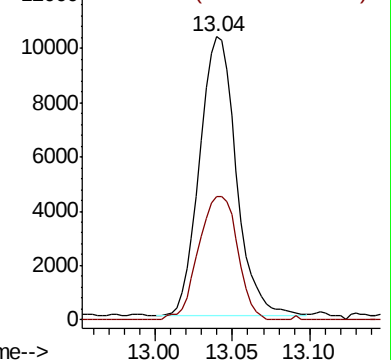
105 100

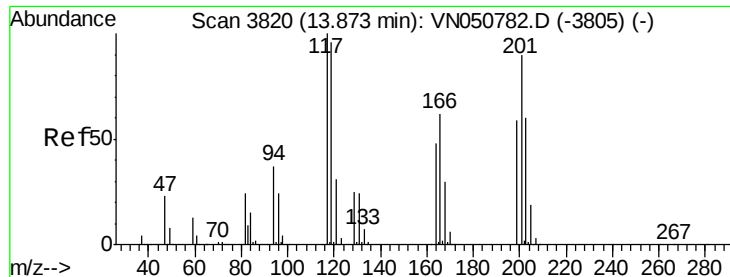
120 47.2 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN050823.D (-3561) (-)

Ion 120.00 (119.70 to 120.70): VN050823.D (-3561) (-)





#90

Hexachloroethane

Concen: 0.46 ug/l

RT: 13.89 min Scan# 3825

Delta R.T. 0.02 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

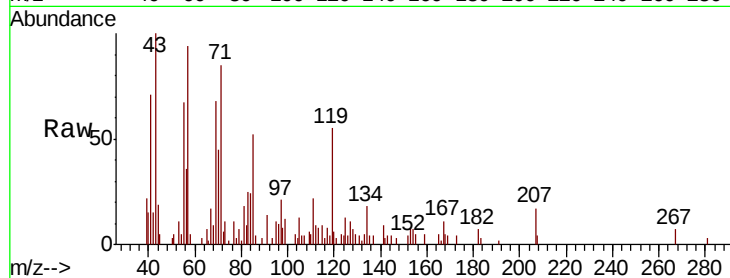
PB112269ZHE#05

Tot Ion:117 Resp: 1361

Ion Ratio Lower Upper

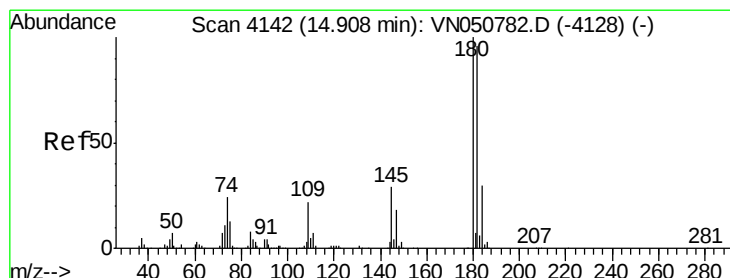
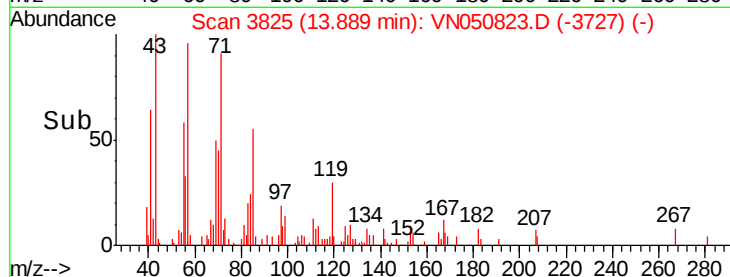
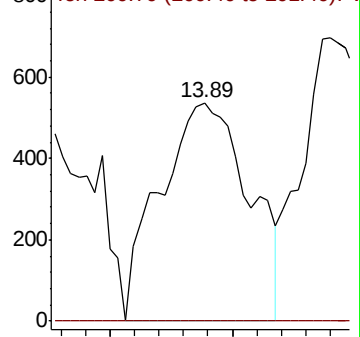
117 100

201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 4.11 ug/l

RT: 14.90 min Scan# 4140

Delta R.T. -0.01 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

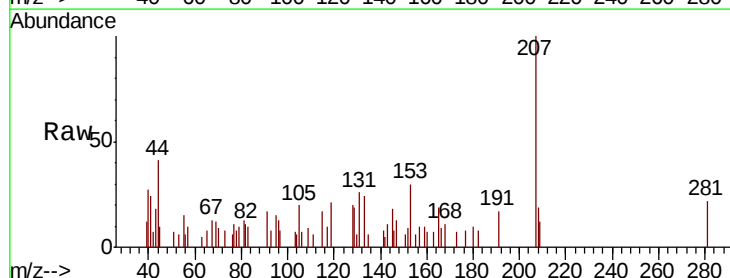
Tgt Ion:180 Resp: 226

Ion Ratio Lower Upper

180 100

182 68.1 48.2 144.6

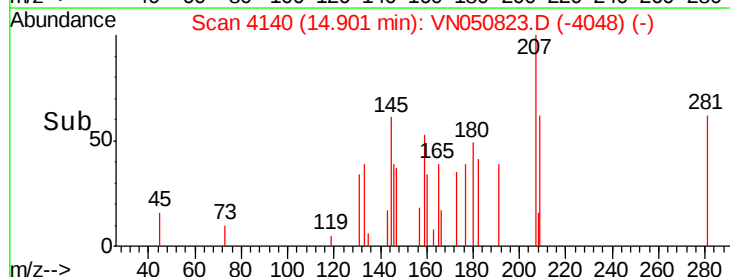
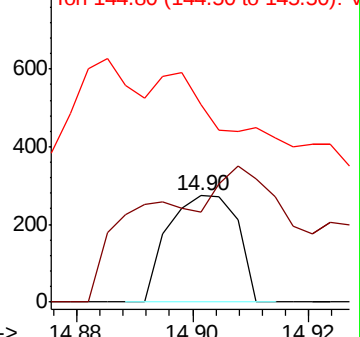
145 0.0 14.1 42.2#

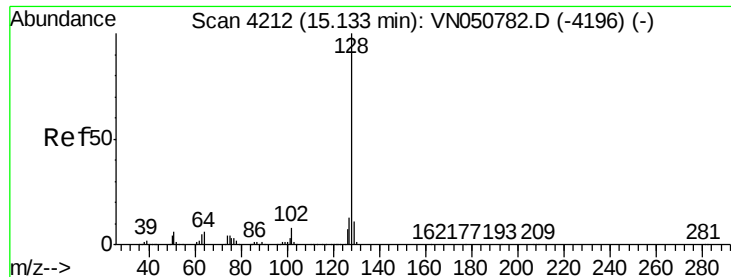


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 8.53 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB112269ZHE#05

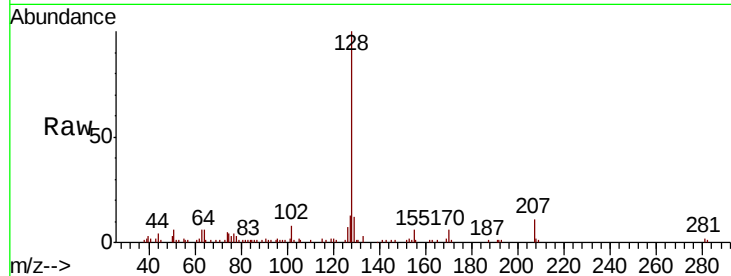
Tot Ion:128 Resp: 56552

Ion Ratio Lower Upper

128 100

127 14.3 10.5 15.7

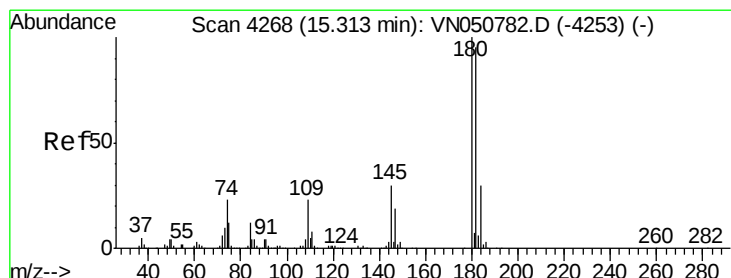
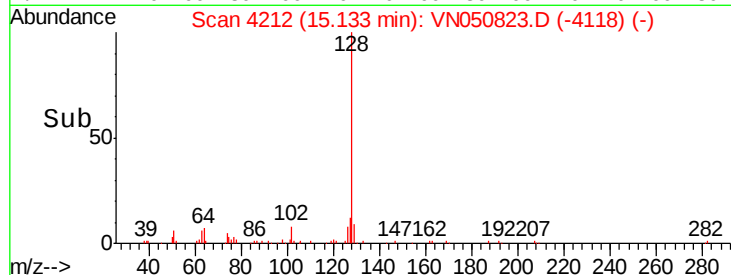
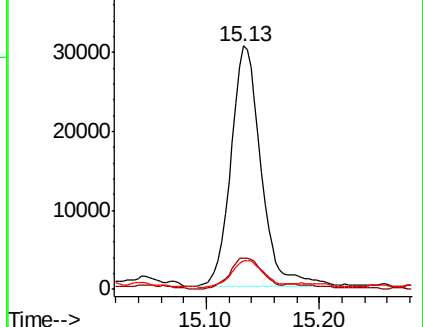
129 12.0 8.7 13.1



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: 3.32 ug/l

RT: 15.32 min Scan# 4271

Delta R.T. 0.01 min

Lab File: VN050823.D

Acq: 22 Aug 2018 16:41

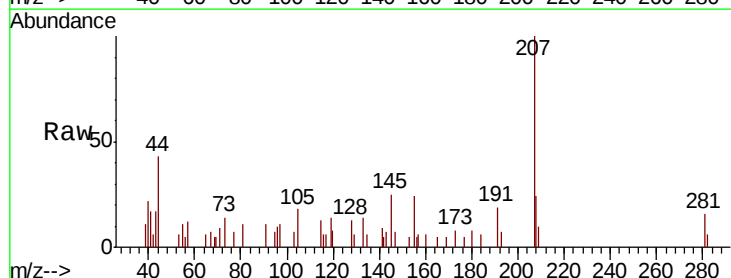
Tgt Ion:180 Resp: 202

Ion Ratio Lower Upper

180 100

182 14.9 48.0 144.2#

145 480.7 15.2 45.6#



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

