

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050396.D
 Acq On : 6 Aug 2018 20:25
 Operator : MD\SY
 Sample : PB11760ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB11760ZHE#11

Quant Time: Aug 07 05:50:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	657134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1114808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	948454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	361039	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	472782	53.85	ug/l	0.00
Spiked Amount			Recovery	=	107.70%	
35) Dibromofluoromethane	7.59	113	419411	46.89	ug/l	0.00
Spiked Amount			Recovery	=	93.78%	
50) Toluene-d8	10.09	98	1511713	44.95	ug/l	0.00
Spiked Amount			Recovery	=	89.90%	
62) 4-Bromofluorobenzene	12.40	95	423735	36.97	ug/l	0.00
Spiked Amount			Recovery	=	73.94%	

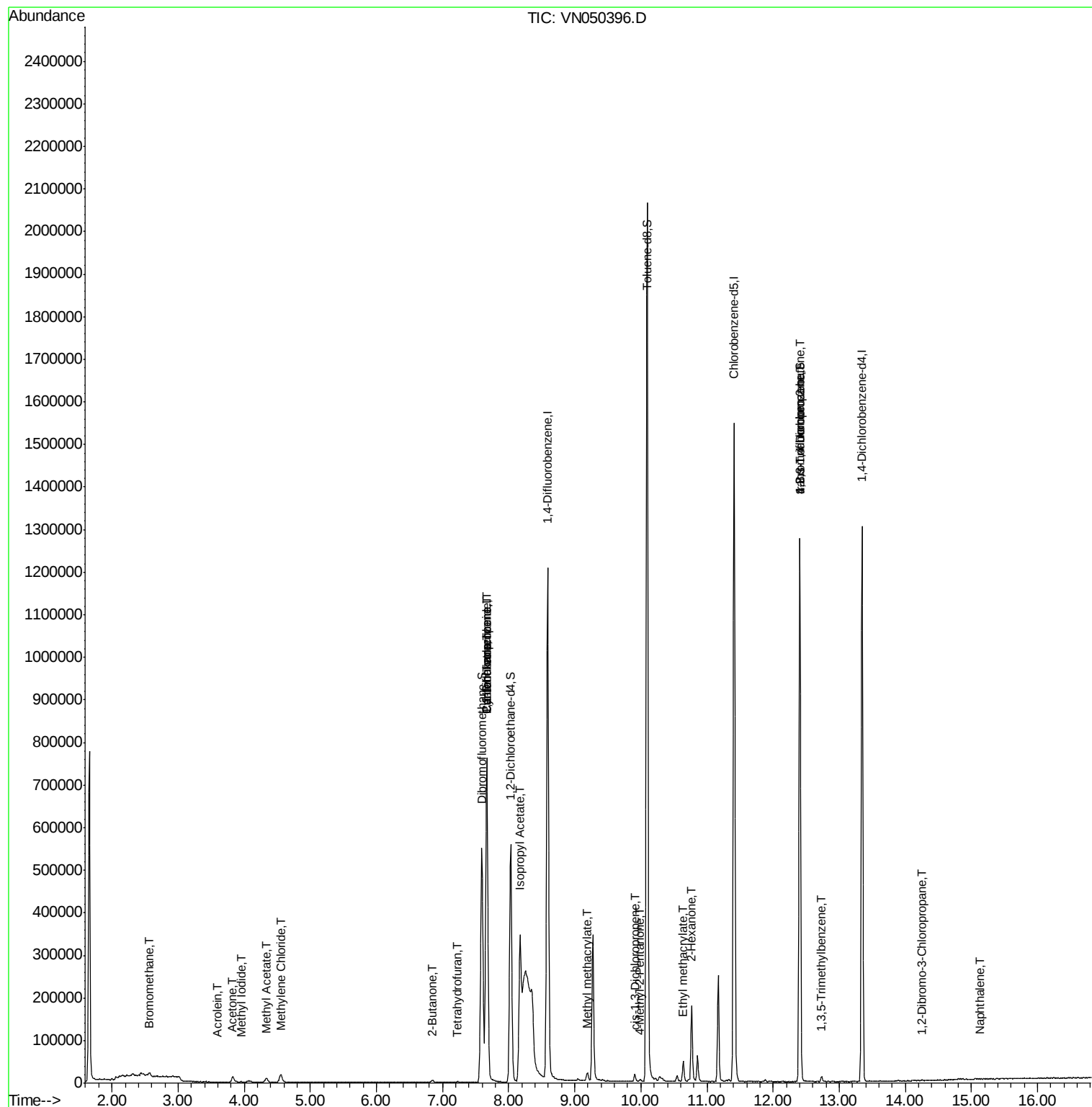
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3629	Below Cal		95
5) Bromomethane	2.56	94	4576	1.17	ug/l	85
10) Methyl Iodide	3.96	142	1497	0.45	ug/l #	42
13) Acrolein	3.60	56	192	15.23	ug/l #	15
16) Acetone	3.82	43	22286	8.16	ug/l	96
18) Methyl Acetate	4.33	43	17461	2.38	ug/l	96
20) Methylene Chloride	4.55	84	14331	0.25	ug/l	89
25) 2-Butanone	6.83	43	1321	0.30	ug/l #	85
29) Tetrahydrofuran	7.22	42	891	0.38	ug/l #	75
31) Cyclohexane	7.67	56	12522	0.37	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	46309	3.78	ug/l #	48
38) Carbon Tetrachloride	7.67	117	59080	4.62	ug/l #	17
43) Isopropyl Acetate	8.17	43	428222	28.12	ug/l #	92
48) Methyl methacrylate	9.18	41	10511	1.38	ug/l #	24
51) 4-Methyl-2-Pentanone	9.99	43	2779	0.25	ug/l	95
54) cis-1,3-Dichloropropene	9.91	75	2949	0.21	ug/l #	70
56) Ethyl methacrylate	10.65	69	926	1.78	ug/l #	1
59) 2-Hexanone	10.77	43	25304	3.31	ug/l #	57
76) 1,2,3-Trichloropropane	12.40	75	202997	31.06	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5650	0.26	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	202997	109.14	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	318	0.24	ug/l #	1
95) Naphthalene	15.13	128	476	3.65	ug/l #	69

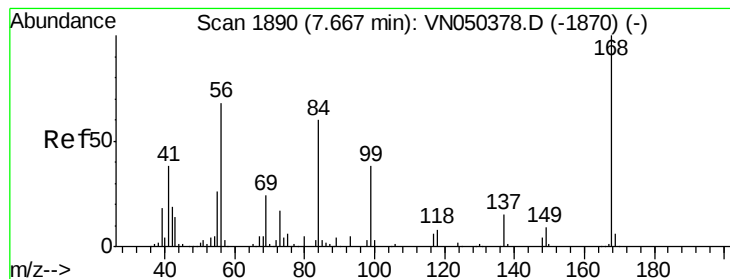
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080618\
Data File : VN050396.D
Acq On : 6 Aug 2018 20:25
Operator : MD\SY
Sample : PB11760ZHE#11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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Quant Time: Aug 07 05:50:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 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: VN050396.D

Acq: 6 Aug 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

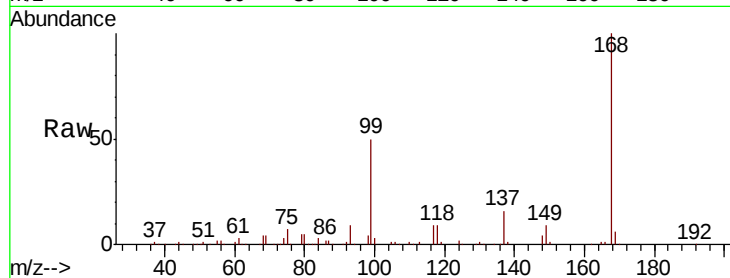
PB11760ZHE#11

Tot Ion:168 Resp: 657134

Ion Ratio Lower Upper

168 100

99 50.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

100000

50000

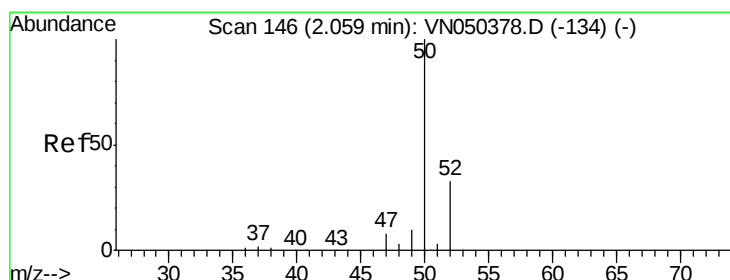
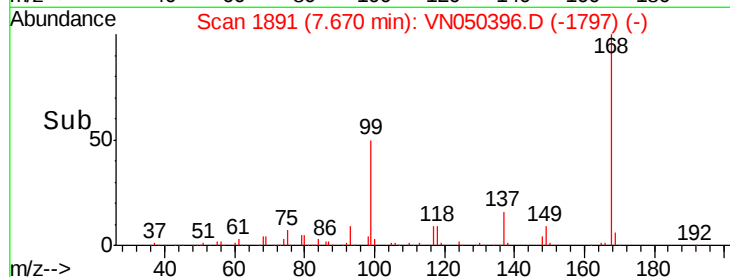
0

Time-->

7.60

7.70

7.80



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050396.D

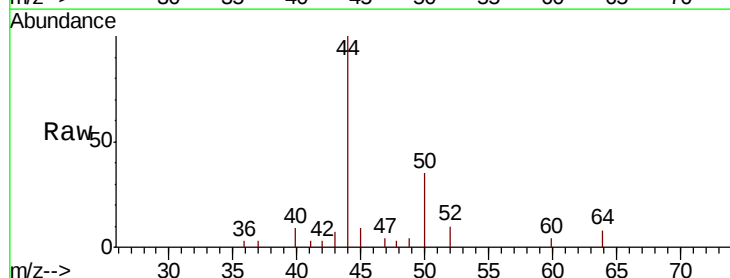
Acq: 6 Aug 2018 20:25

Tgt Ion: 50 Resp: 3629

Ion Ratio Lower Upper

50 100

52 29.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

2500

2000

1500

1000

500

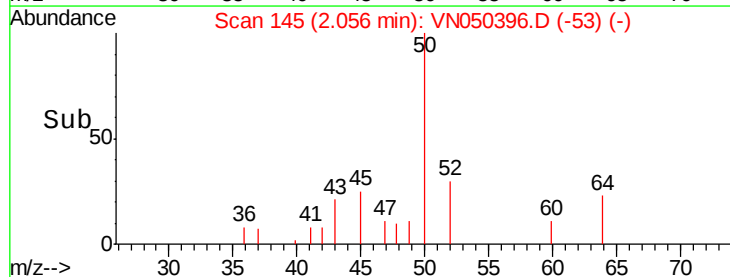
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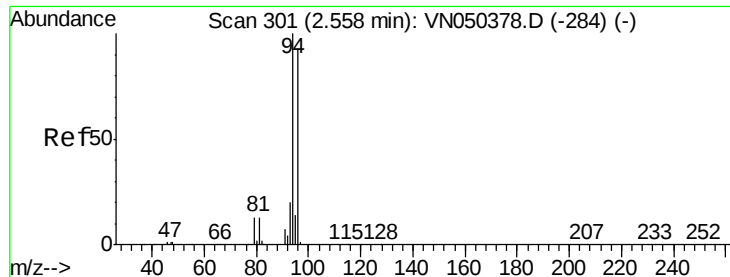
Time-->

2.00

2.05

2.10





#5

Bromomethane

Concen: 1.17 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050396.D

Acq: 6 Aug 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

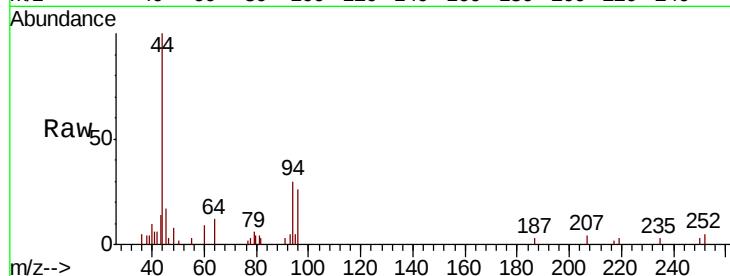
PB11760ZHE#11

Tot Ion: 94 Resp: 4576

Ion Ratio Lower Upper

94 100

96 78.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050378.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050396.D (-207) (-)

2500

2000

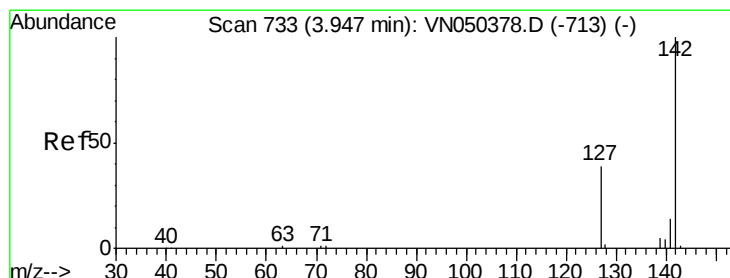
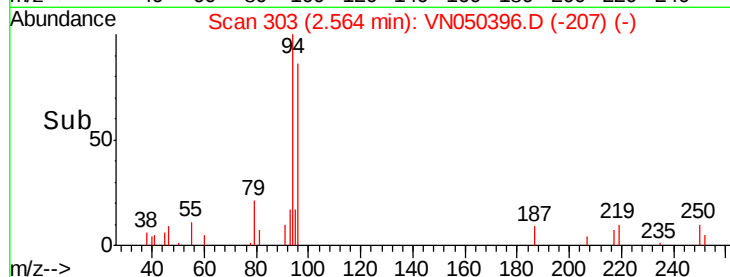
1500

1000

500

0

Time-->



#10

Methyl Iodide

Concen: 0.45 ug/l

RT: 3.96 min Scan# 738

Delta R.T. 0.02 min

Lab File: VN050396.D

Acq: 6 Aug 2018 20:25

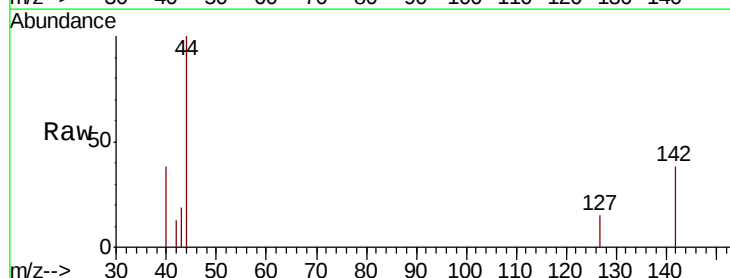
Tgt Ion: 142 Resp: 1497

Ion Ratio Lower Upper

142 100

127 0.0 33.4 50.2#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): VN050378.D (-713) (-)

Ion 126.80 (126.50 to 127.50): VN050396.D (-639) (-)

Ion 140.80 (140.50 to 141.50): VN050396.D (-639) (-)

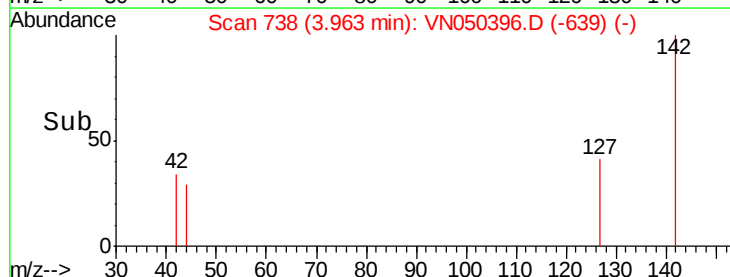
600

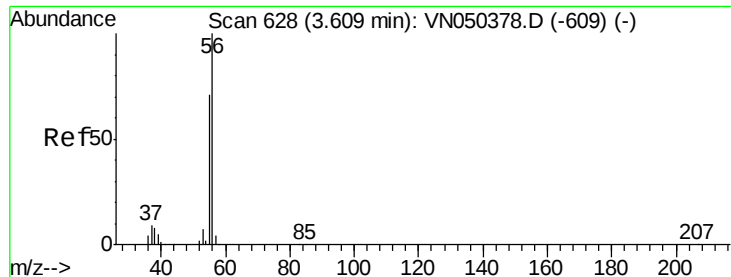
400

200

0

Time-->





#13

Acrolein

Concen: 15.23 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.01 min

Lab File: VN050396.D

Acq: 6 Aug 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

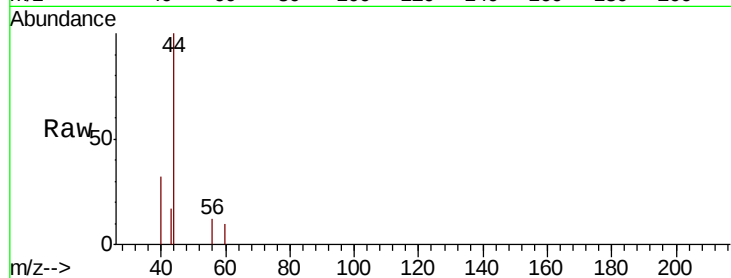
PB11760ZHE#11

Tot Ion: 56 Resp: 192

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

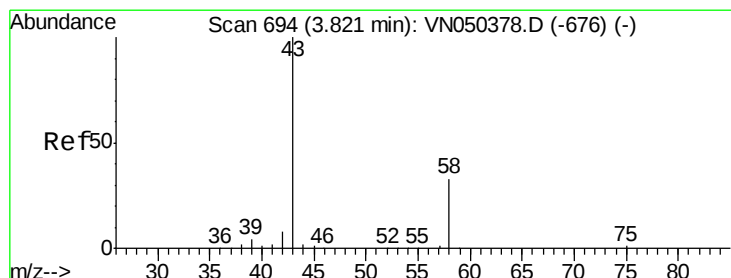
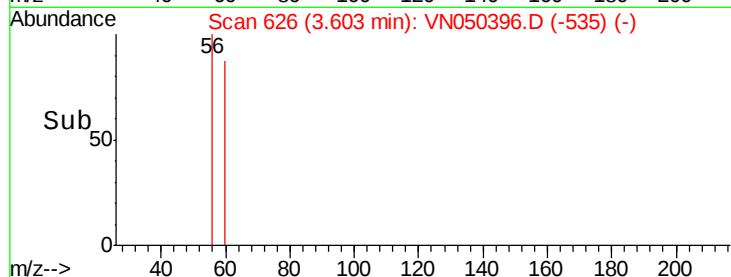
150

100

50

0

Time--> 3.58 3.60 3.62



#16

Acetone

Concen: 8.16 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050396.D

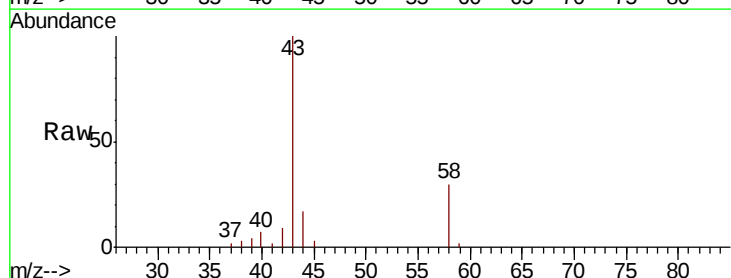
Acq: 6 Aug 2018 20:25

Tgt Ion: 43 Resp: 22286

Ion Ratio Lower Upper

43 100

58 30.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10000

8000

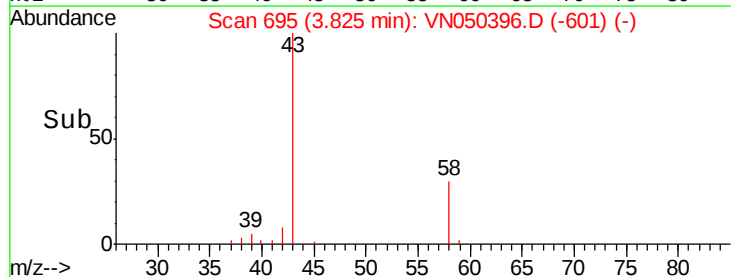
6000

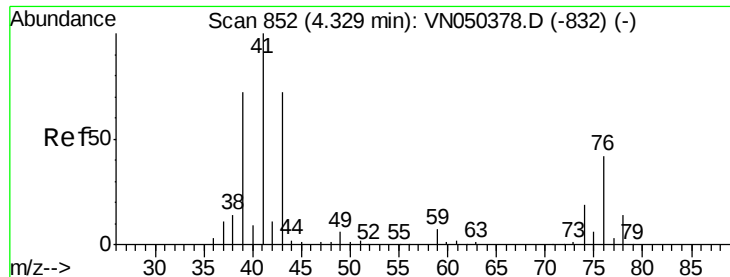
4000

2000

0

Time--> 3.70 3.80 3.90

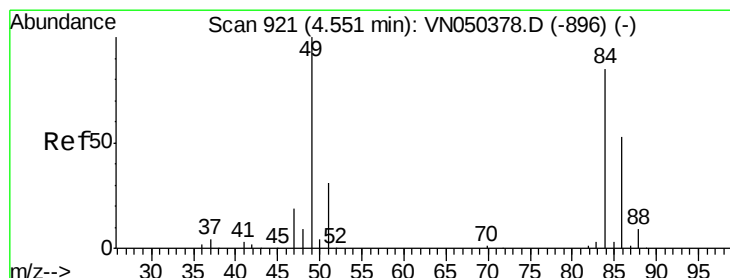
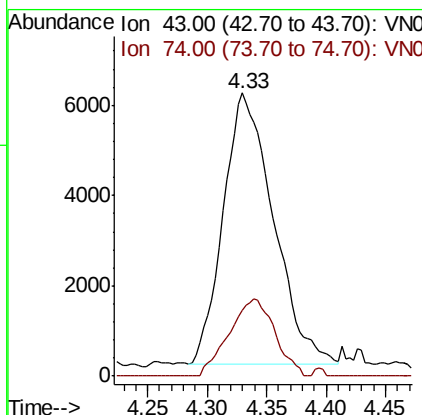
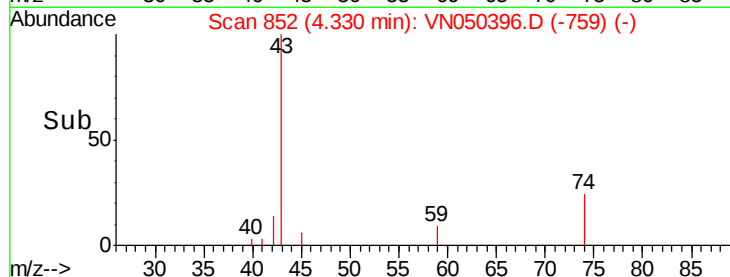
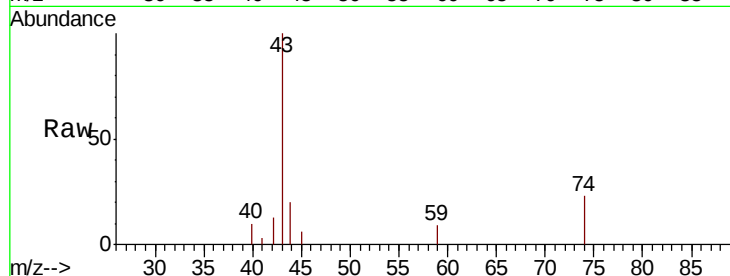




#18
Methyl Acetate
Concen: 2.38 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050396.D
Acq: 6 Aug 2018 20:25

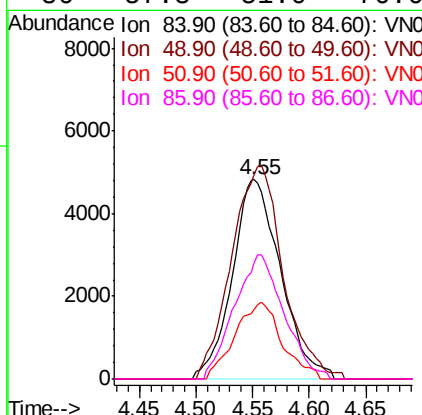
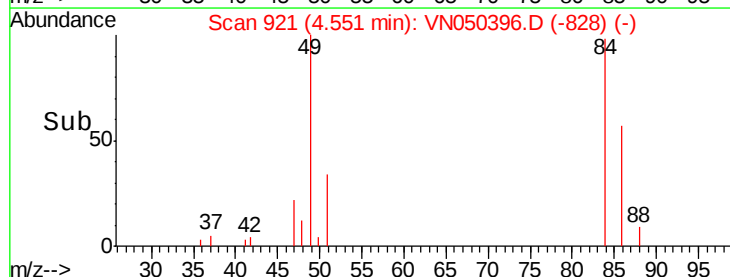
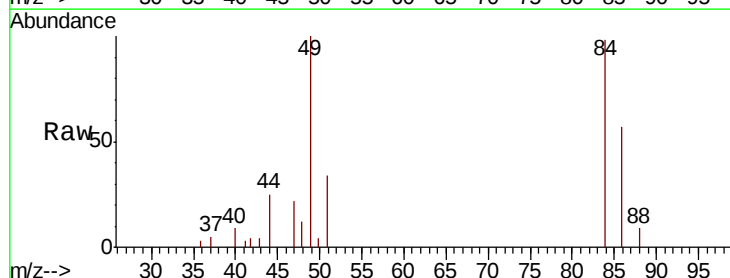
Instrument :
MSVOA_N
ClientSampled :
PB11760ZHE#11

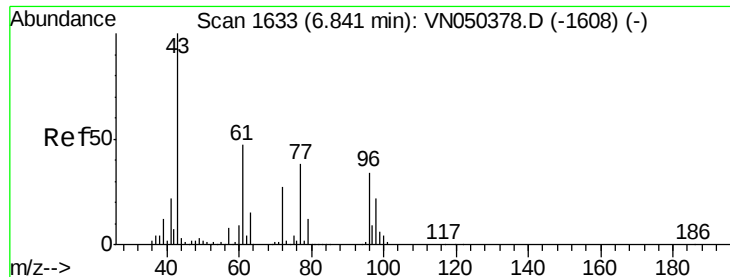
Tot Ion: 43 Resp: 17461
Ion Ratio Lower Upper
43 100
74 25.9 19.2 28.8



#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050396.D
Acq: 6 Aug 2018 20:25

Tgt Ion: 84 Resp: 14331
Ion Ratio Lower Upper
84 100
49 102.2 94.8 142.2
51 34.5 28.3 42.5
86 57.8 51.0 76.6

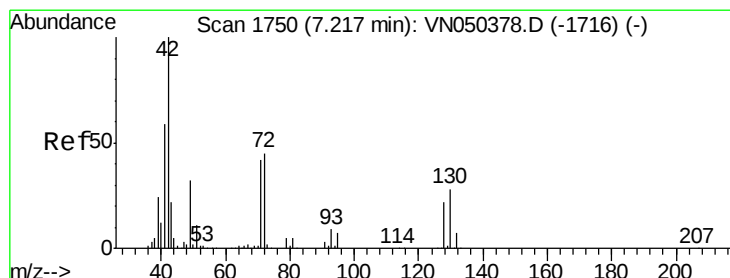
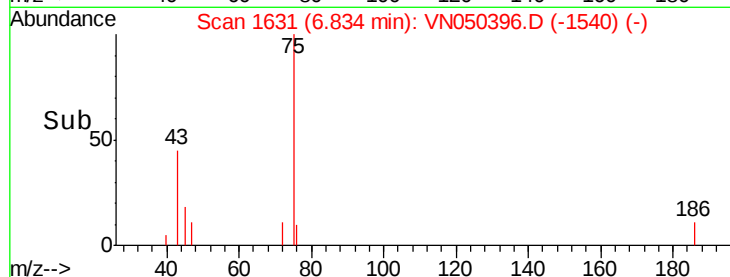
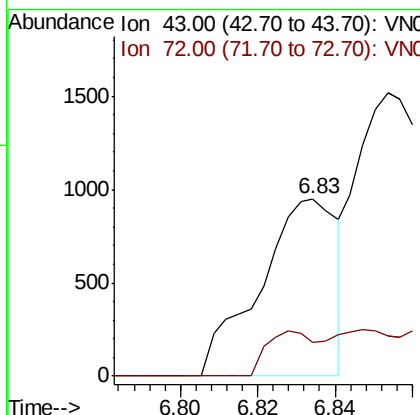
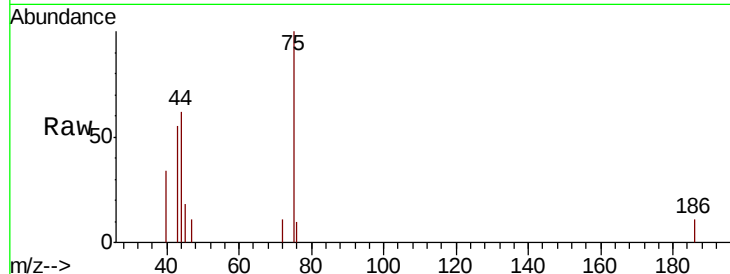




#25
 2-Butanone
 Concen: 0.30 ug/l
 RT: 6.83 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: VN050396.D
 Acq: 6 Aug 2018 20:25

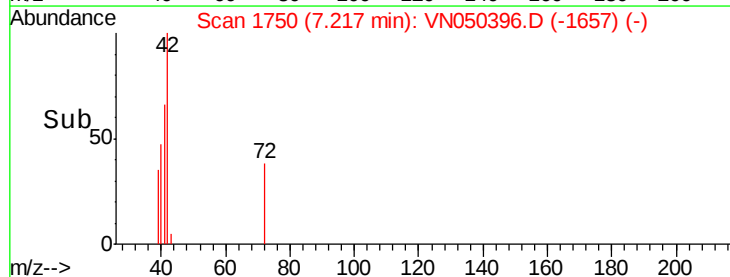
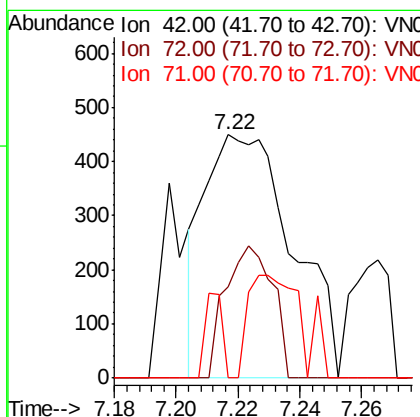
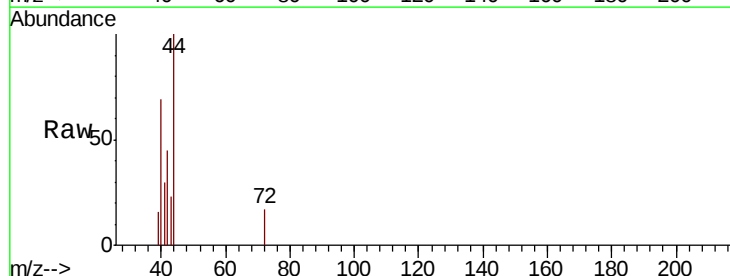
Instrument :
 MSVOA_N
 ClientSampleId :
 PB11760ZHE#11

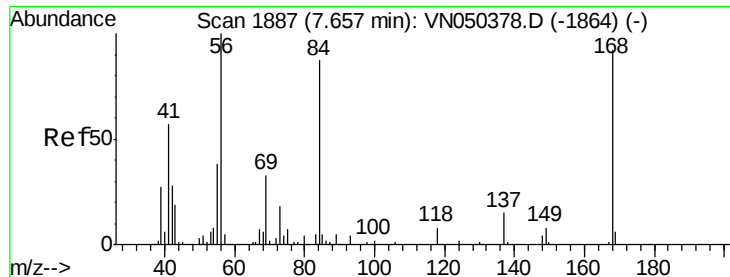
Tot Ion: 43 Resp: 1321
 Ion Ratio Lower Upper
 43 100
 72 19.4 21.5 32.3#



#29
 Tetrahydrofuran
 Concen: 0.38 ug/l
 RT: 7.22 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VN050396.D
 Acq: 6 Aug 2018 20:25

Tgt Ion: 42 Resp: 891
 Ion Ratio Lower Upper
 42 100
 72 29.1 35.9 53.9#
 71 25.8 33.7 50.5#





#31

Cyclohexane

Concen: 0.37 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VN050396.D

Acq: 6 Aug 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

PB11760ZHE#11

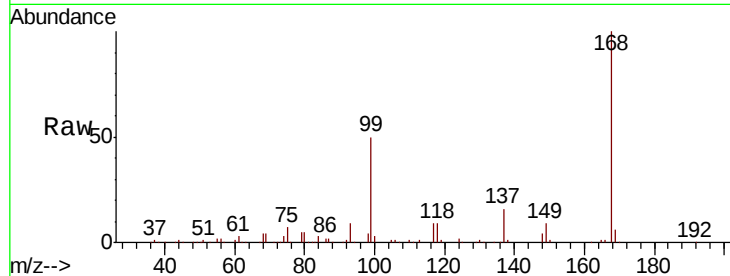
Tot Ion: 56 Resp: 12522

Ion Ratio Lower Upper

56 100

69 192.4 26.2 39.4#

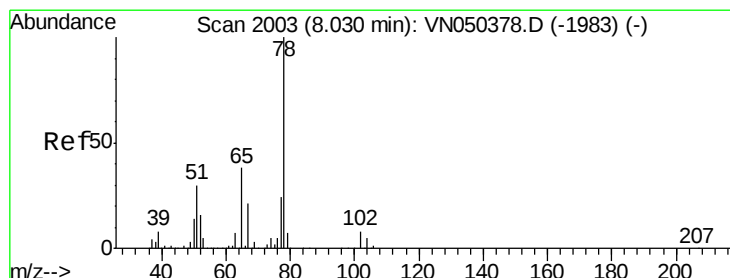
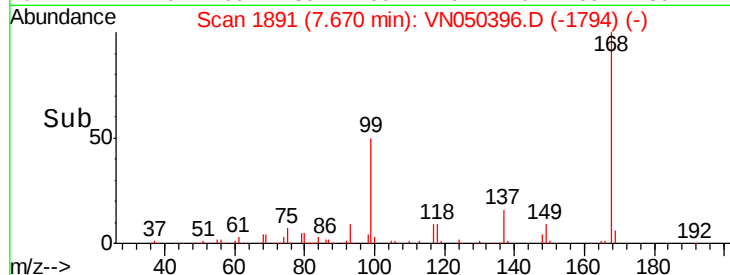
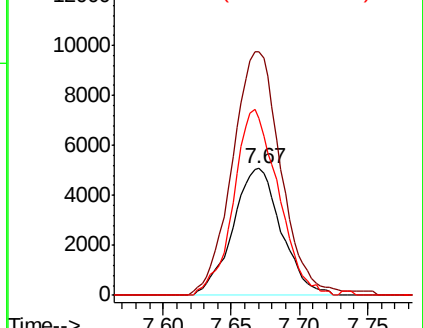
84 139.4 67.4 101.0#



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: 53.85 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050396.D

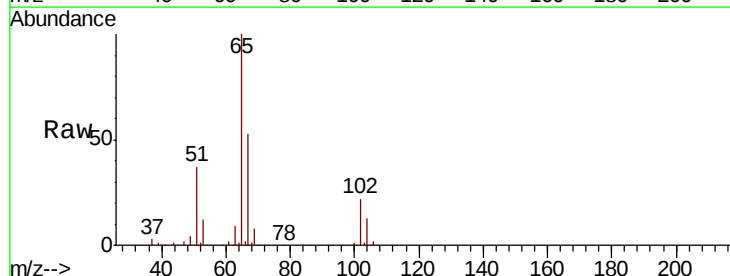
Acq: 6 Aug 2018 20:25

Tgt Ion: 65 Resp: 472782

Ion Ratio Lower Upper

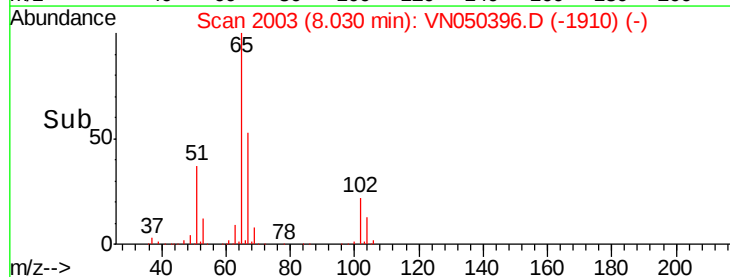
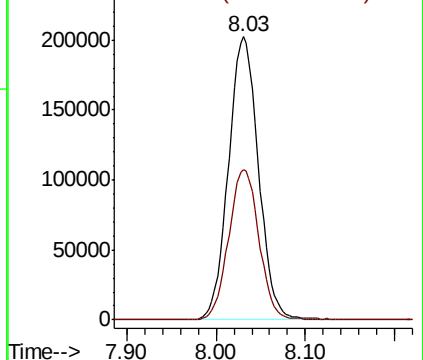
65 100

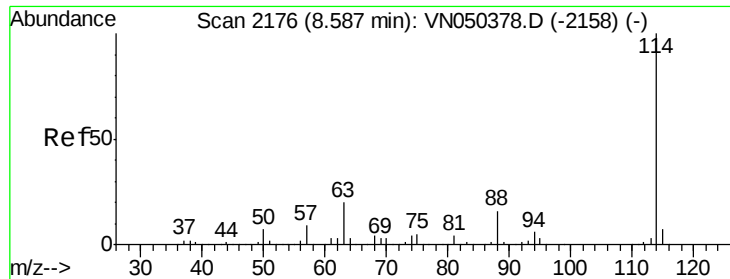
67 53.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

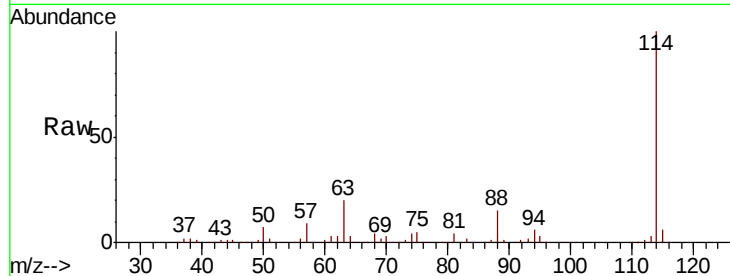




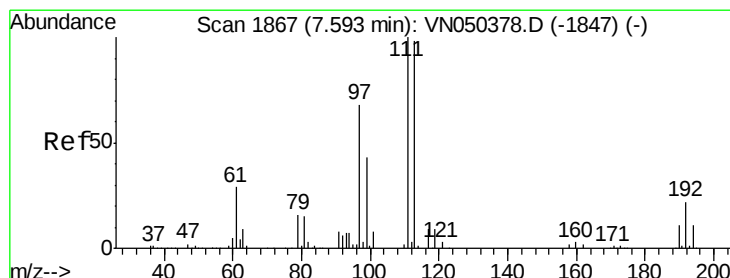
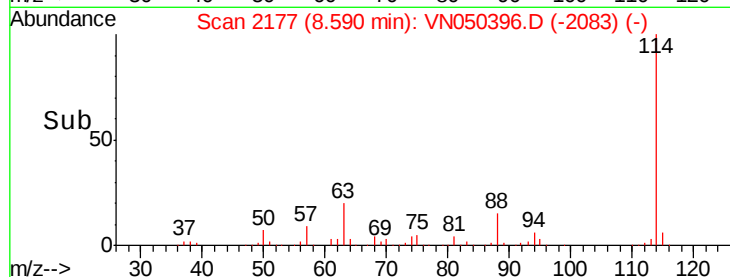
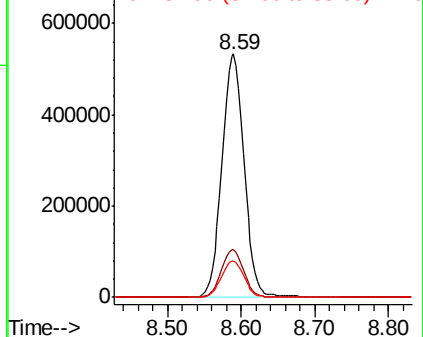
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050396.D
 Acq: 6 Aug 2018 20:25

Instrument :
 MSVOA_N
 ClientSampleId :
 PB11760ZHE#11

Tot Ion:114 Resp: 1114808
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.1 0.0 31.2

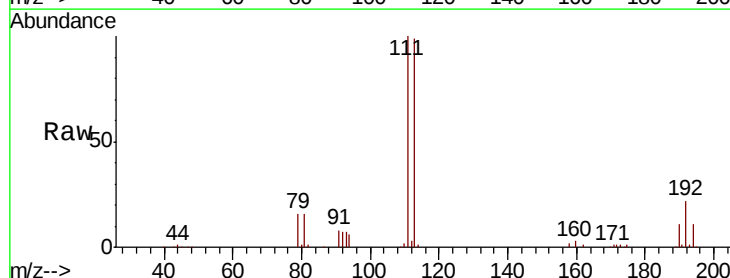


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

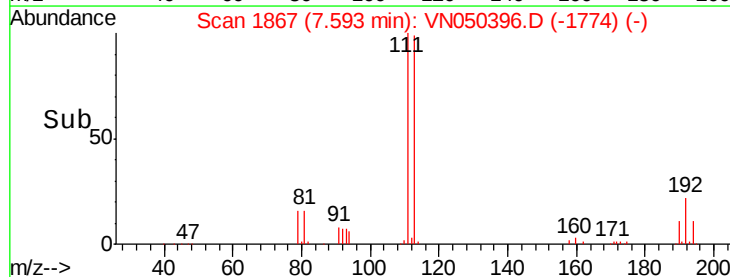
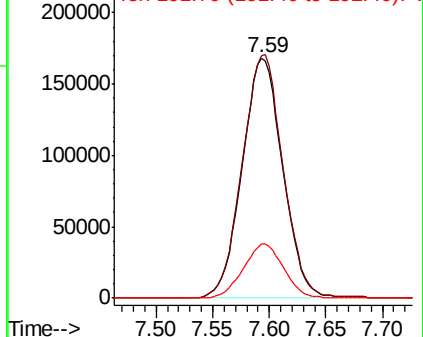


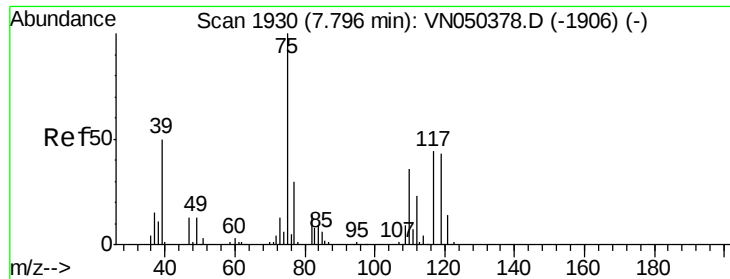
#35
 Dibromofluoromethane
 Concen: 46.89 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050396.D
 Acq: 6 Aug 2018 20:25

Tgt Ion:113 Resp: 419411
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.7 121.1
 192 22.5 17.8 26.6



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

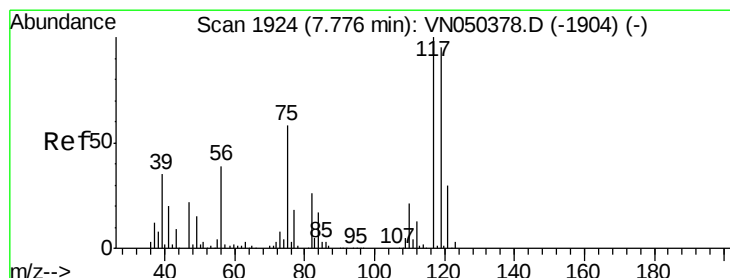
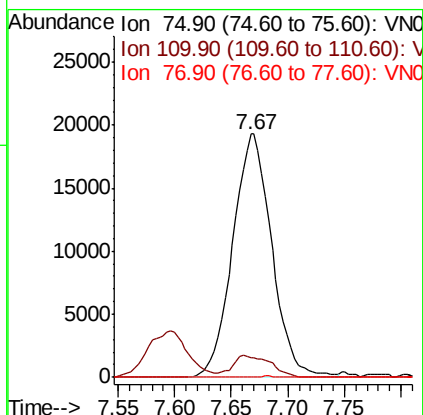
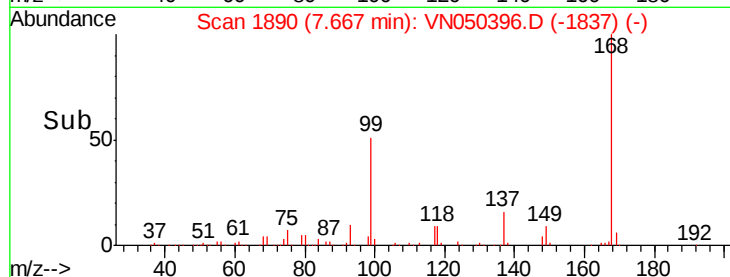
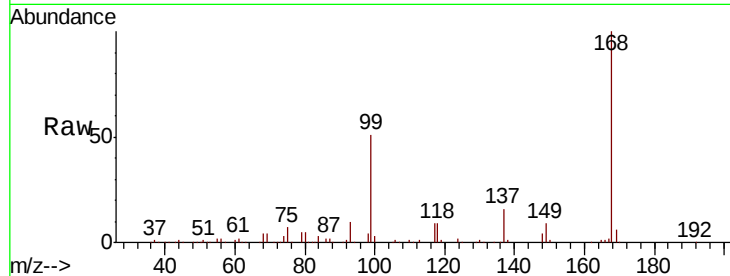




#36
 1,1-Dichloropropene
 Concen: 3.78 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050396.D
 Acq: 6 Aug 2018 20:25

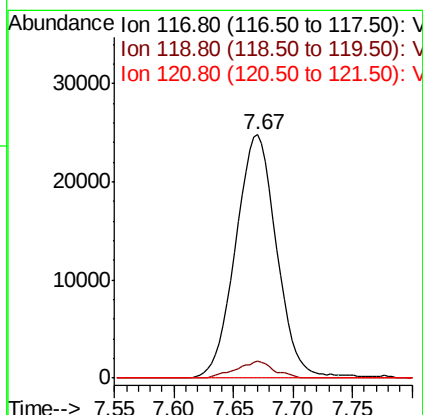
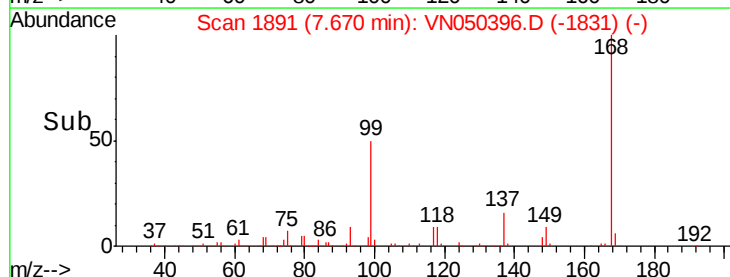
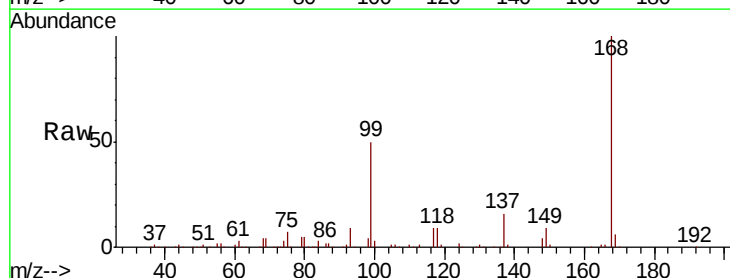
Instrument :
 MSVOA_N
 ClientSampleId :
 PB11760ZHE#11

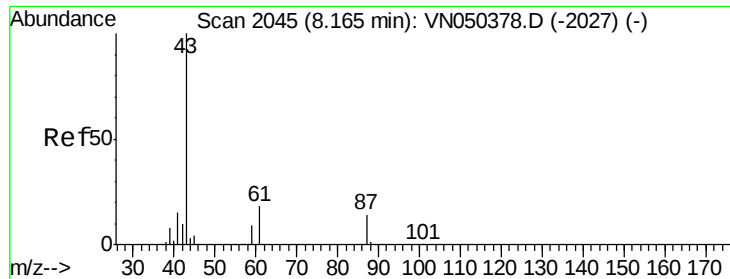
Tot Ion: 75 Resp: 46309
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.4 55.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 4.62 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.11 min
 Lab File: VN050396.D
 Acq: 6 Aug 2018 20:25

Tgt Ion: 117 Resp: 59080
 Ion Ratio Lower Upper
 117 100
 119 6.9 77.4 116.0#
 121 0.0 23.9 35.9#



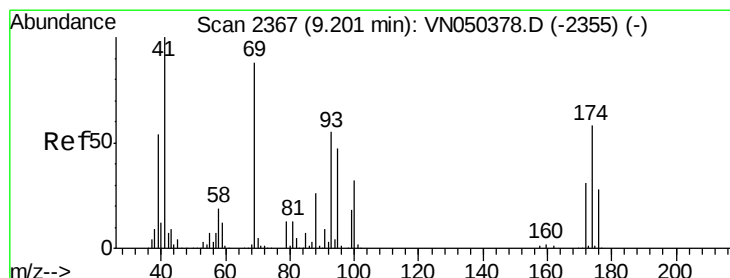
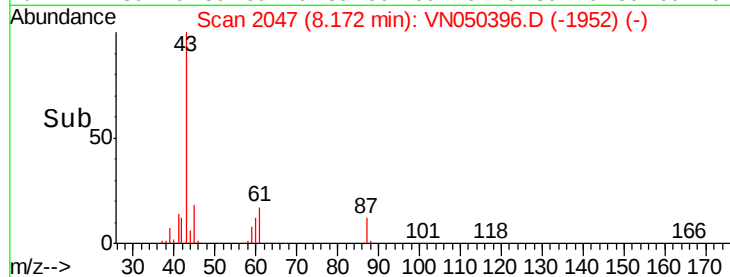
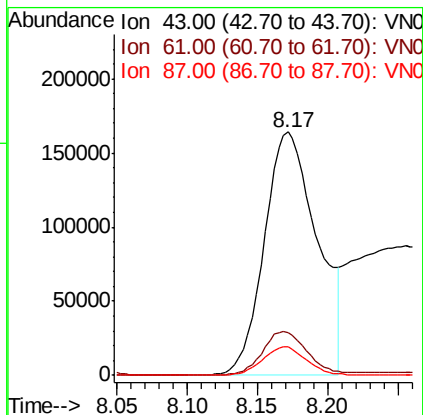
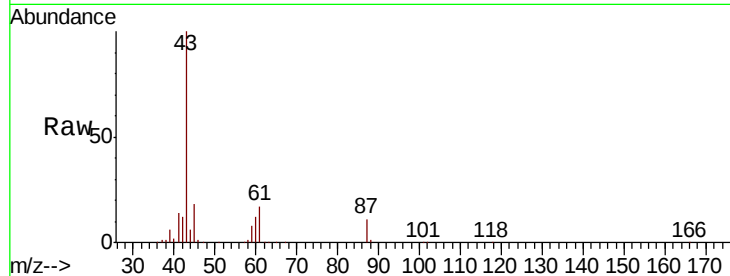


#43

Isopropyl Acetate
 Concen: 28.12 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN050396.D
 Acq: 6 Aug 2018 20:25

Instrument :
 MSVOA_N
 ClientSampleId :
 PB11760ZHE#11

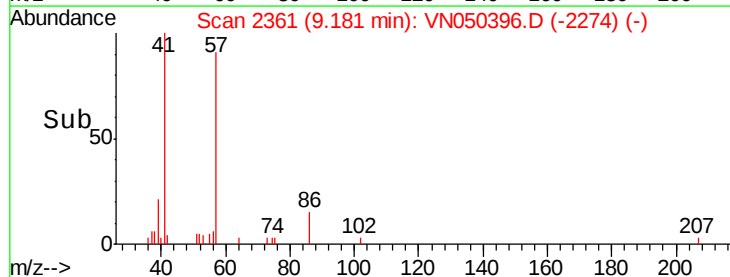
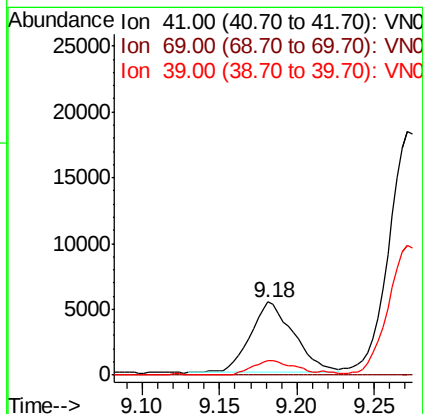
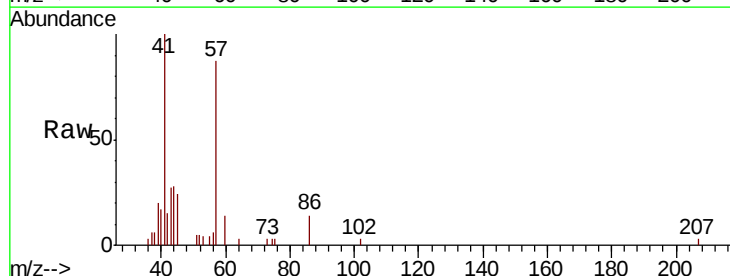
Tot Ion: 43 Resp: 428222
 Ion Ratio Lower Upper
 43 100
 61 15.9 15.8 23.6
 87 9.8 10.3 15.5#

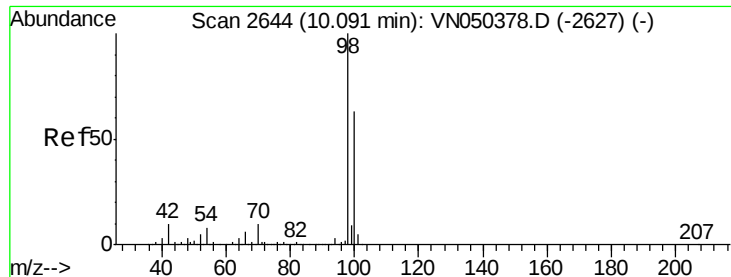


#48

Methyl methacrylate
 Concen: 1.38 ug/l
 RT: 9.18 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: VN050396.D
 Acq: 6 Aug 2018 20:25

Tgt Ion: 41 Resp: 10511
 Ion Ratio Lower Upper
 41 100
 69 0.0 70.6 105.8#
 39 22.1 43.9 65.9#

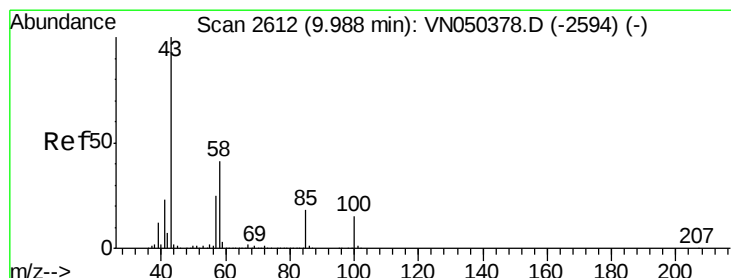
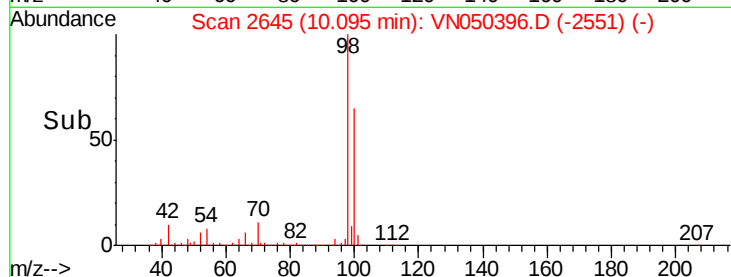
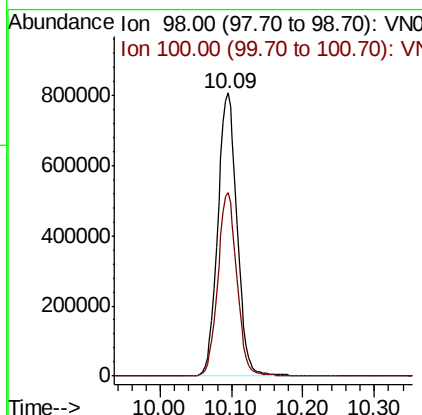
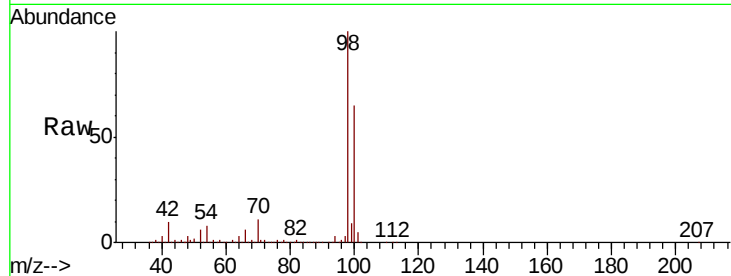




#50
Toluene-d8
Concen: 44.95 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050396.D
Acq: 6 Aug 2018 20:25

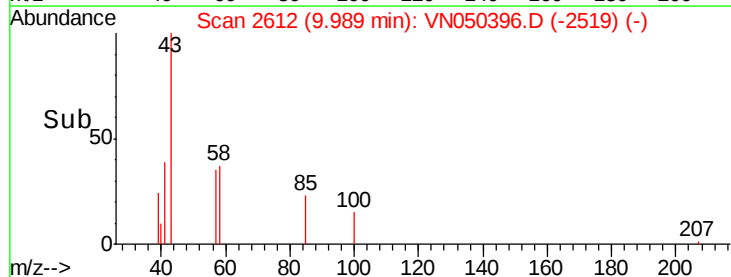
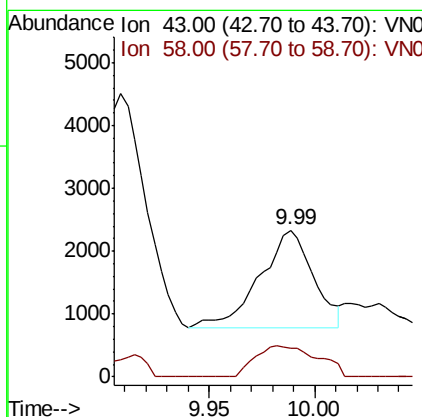
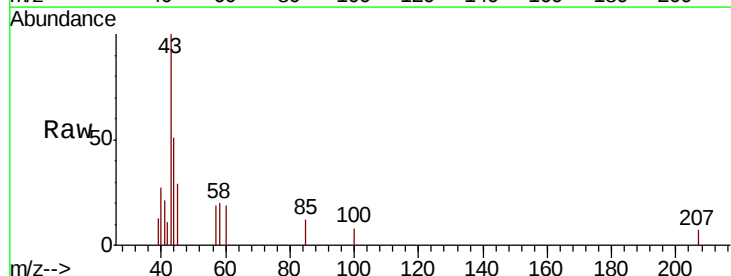
Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#11

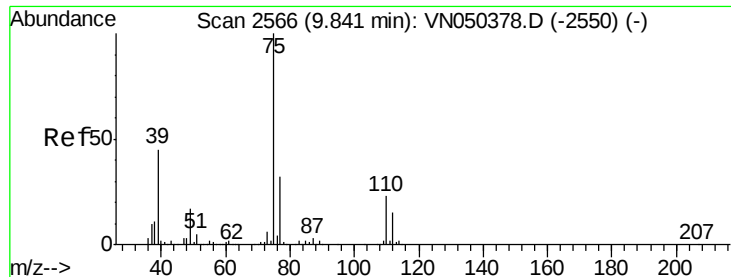
Tot Ion: 98 Resp: 1511713
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.25 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050396.D
Acq: 6 Aug 2018 20:25

Tgt Ion: 43 Resp: 2779
Ion Ratio Lower Upper
43 100
58 36.7 31.9 47.9





#54

cis-1,3-Dichloropropene

Concen: 0.21 ug/l

RT: 9.91 min Scan# 2587

Delta R.T. 0.07 min

Lab File: VN050396.D

Acq: 6 Aug 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

PB11760ZHE#11

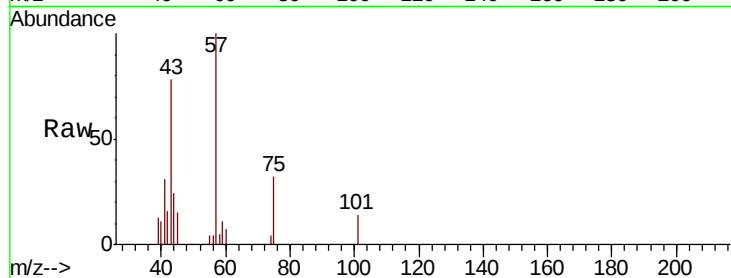
Tot Ion: 75 Resp: 2949

Ion Ratio Lower Upper

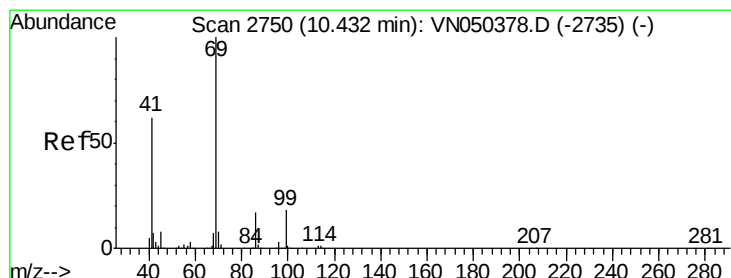
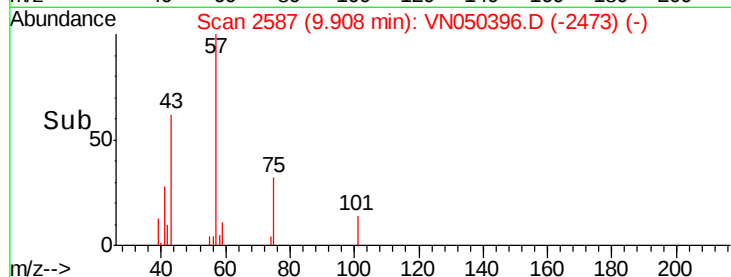
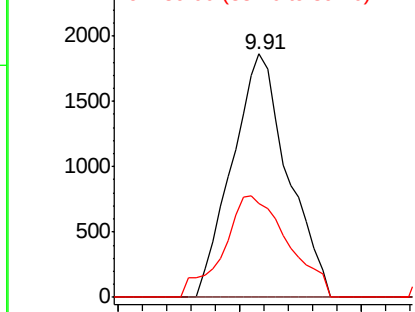
75 100

77 0.0 25.5 38.3#

39 38.7 36.6 55.0



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: 1.78 ug/l

RT: 10.65 min Scan# 2817

Delta R.T. 0.22 min

Lab File: VN050396.D

Acq: 6 Aug 2018 20:25

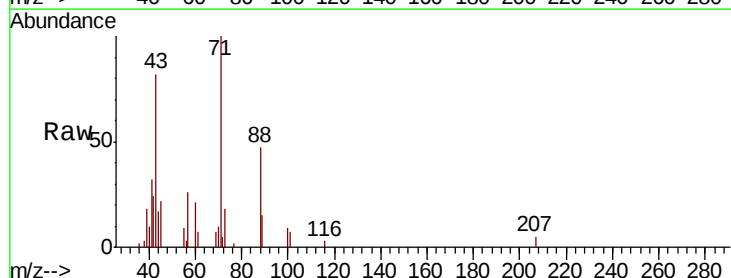
Tgt Ion: 69 Resp: 926

Ion Ratio Lower Upper

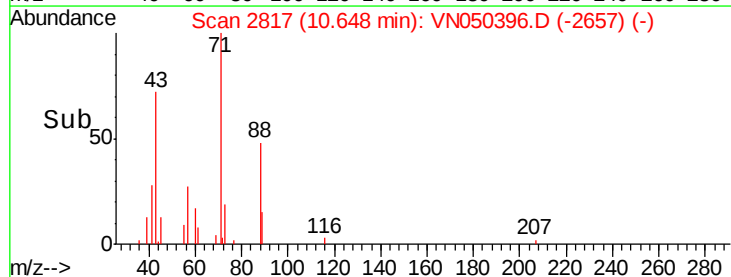
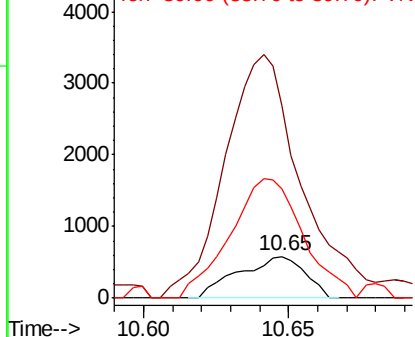
69 100

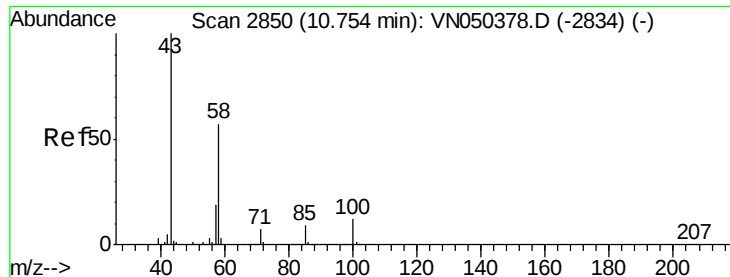
41 670.7 51.0 76.4#

39 314.7 26.6 40.0#



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: 3.31 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050396.D

Acq: 6 Aug 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

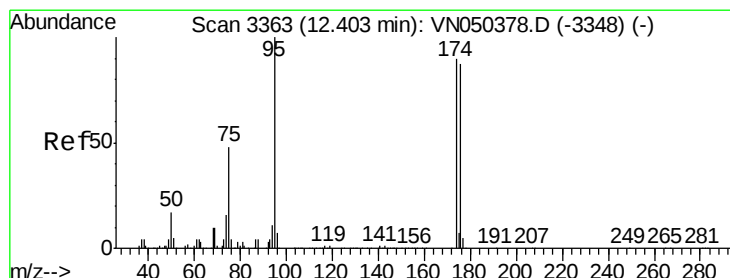
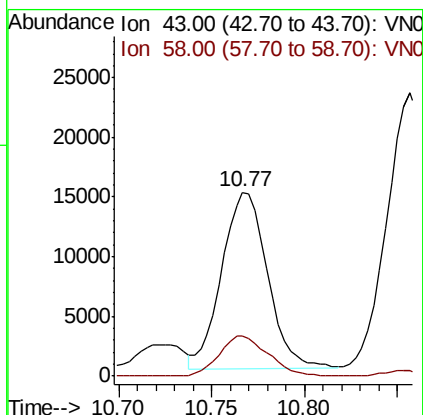
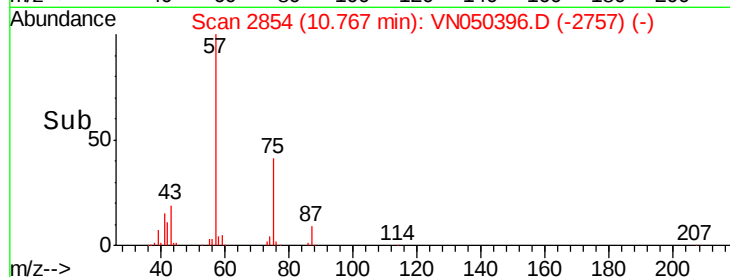
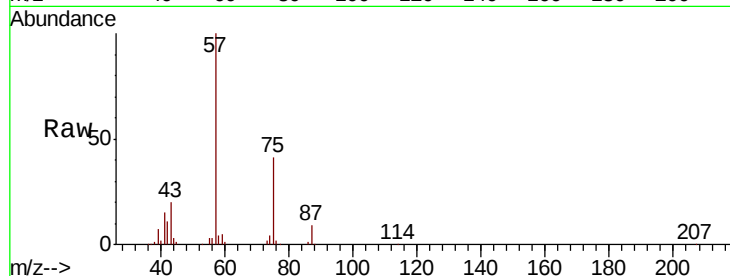
PB11760ZHE#11

Tot Ion: 43 Resp: 25304

Ion Ratio Lower Upper

43 100

58 24.2 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 36.97 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050396.D

Acq: 6 Aug 2018 20:25

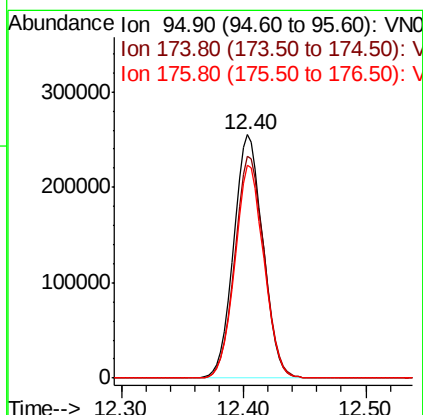
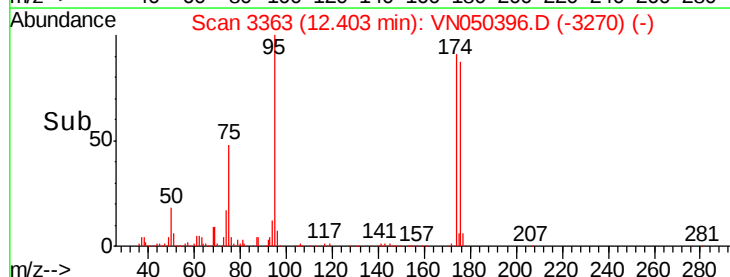
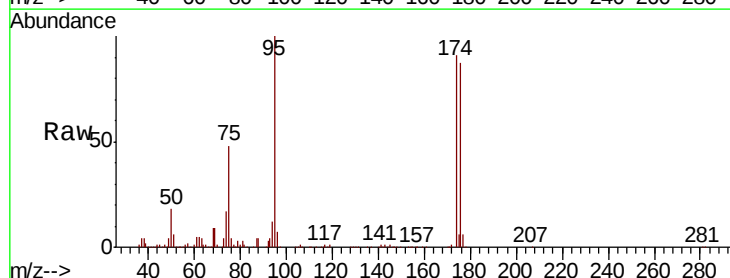
Tgt Ion: 95 Resp: 423735

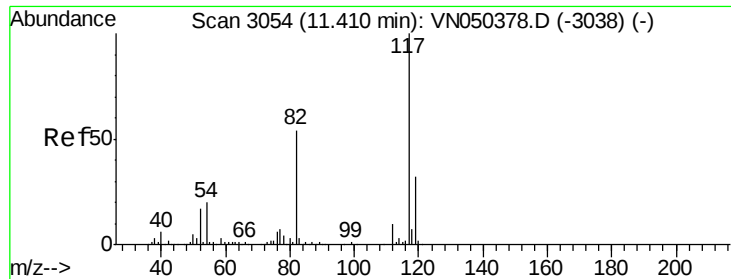
Ion Ratio Lower Upper

95 100

174 91.5 0.0 178.2

176 86.7 0.0 173.4

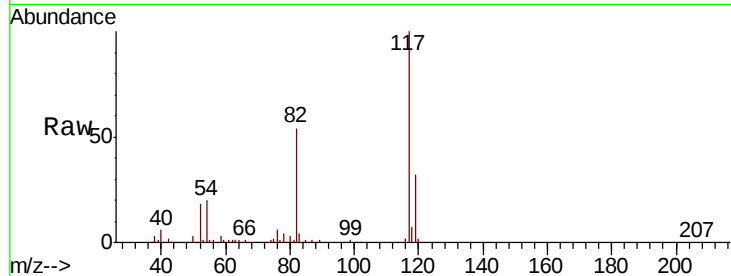




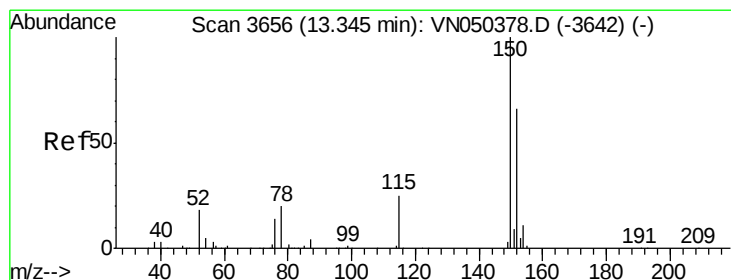
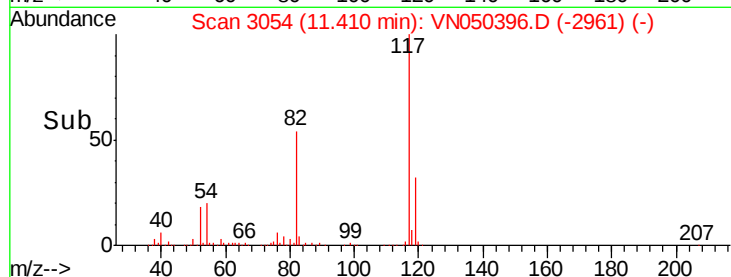
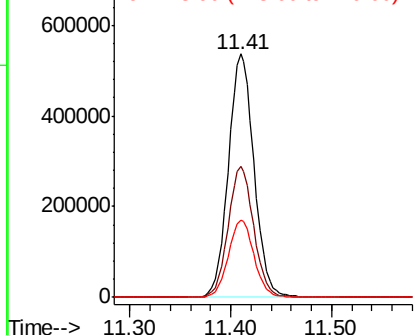
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050396.D
Acq: 6 Aug 2018 20:25

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#11

Tot Ion:117 Resp: 948454
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 31.7 26.1 39.1

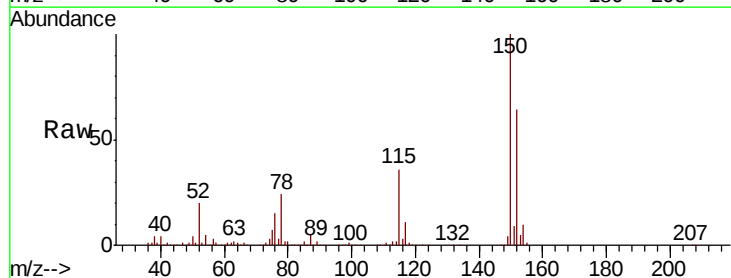


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

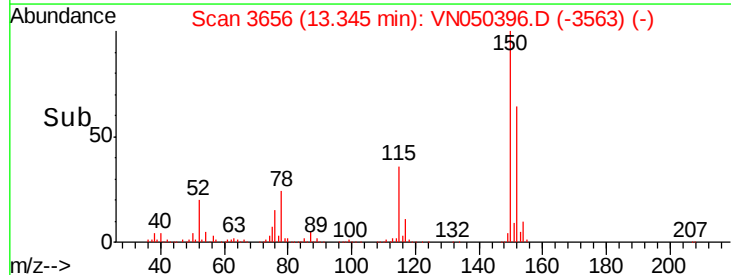
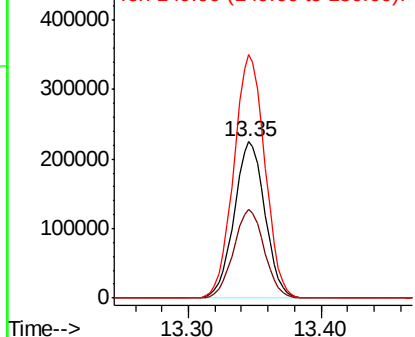


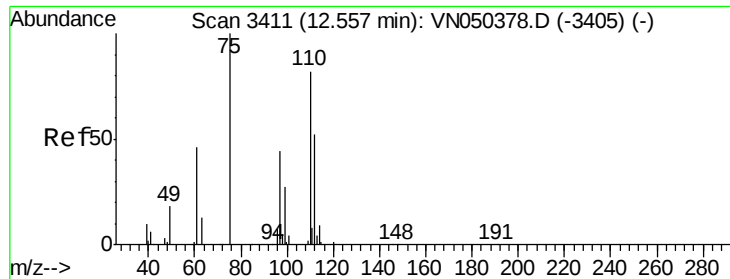
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050396.D
Acq: 6 Aug 2018 20:25

Tgt Ion:152 Resp: 361039
Ion Ratio Lower Upper
152 100
115 56.6 27.8 83.3
150 157.5 0.0 348.6



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





#76

1,2,3-Trichloropropane

Concen: 31.06 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050396.D

Acq: 6 Aug 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

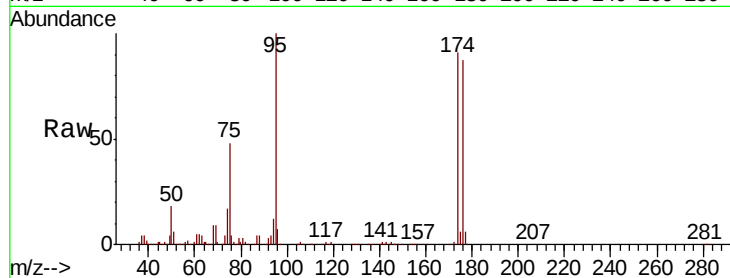
PB11760ZHE#11

Tot Ion: 75 Resp: 202997

Ion Ratio Lower Upper

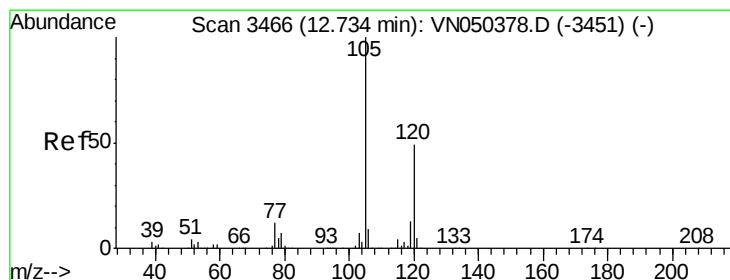
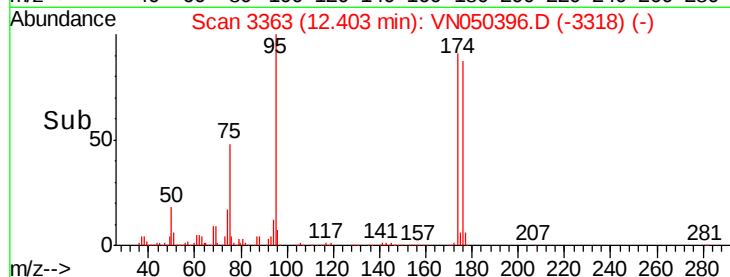
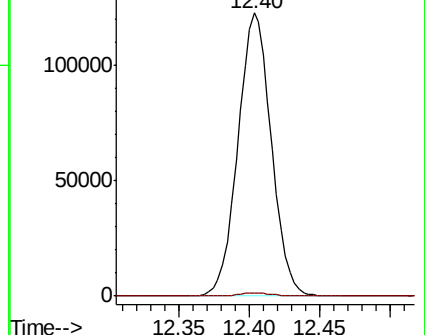
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050396.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN050396.D (-3318) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.26 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050396.D

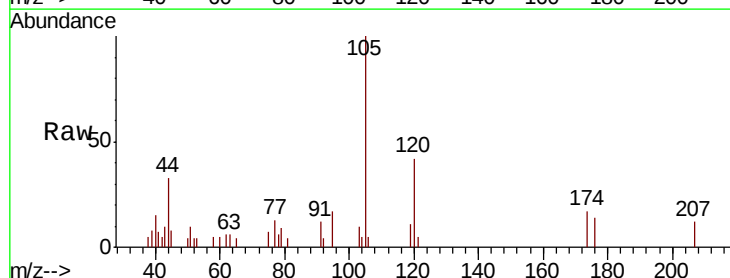
Acq: 6 Aug 2018 20:25

Tgt Ion: 105 Resp: 5650

Ion Ratio Lower Upper

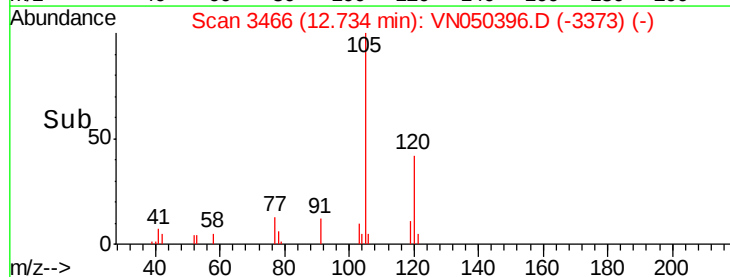
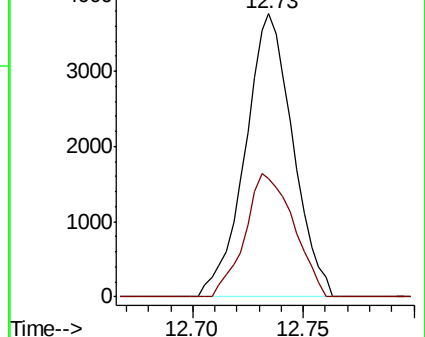
105 100

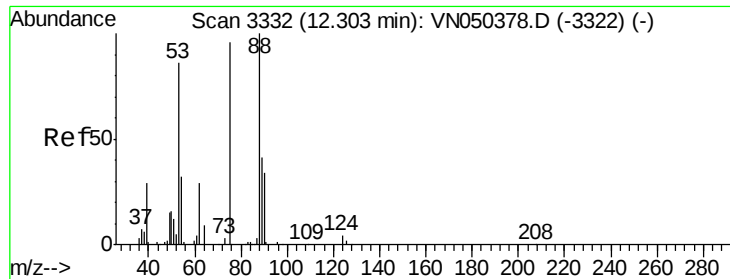
120 44.4 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050396.D (-3373) (-)

Ion 120.00 (119.70 to 120.70): VN050396.D (-3373) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 109.14 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050396.D

Acq: 6 Aug 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

PB11760ZHE#11

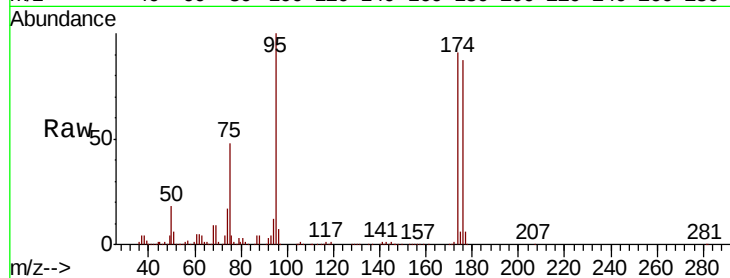
Tot Ion: 75 Resp: 202997

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

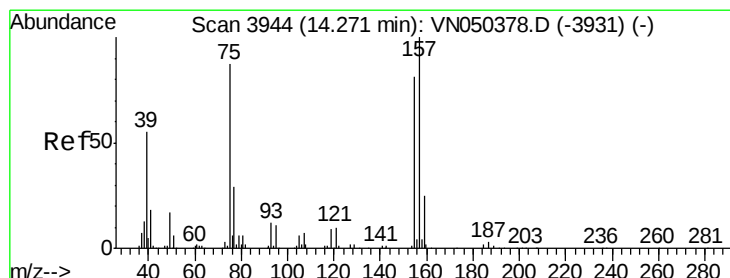
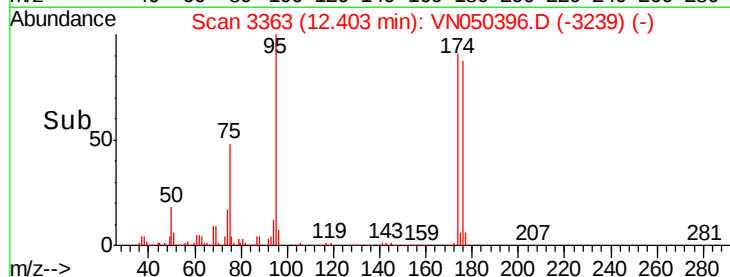
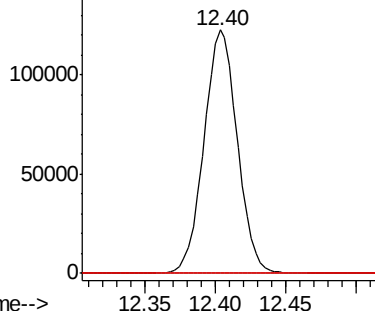
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.24 ug/l

RT: 14.26 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VN050396.D

Acq: 6 Aug 2018 20:25

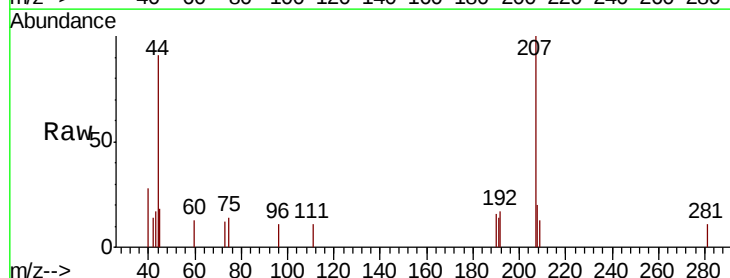
Tgt Ion: 75 Resp: 318

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

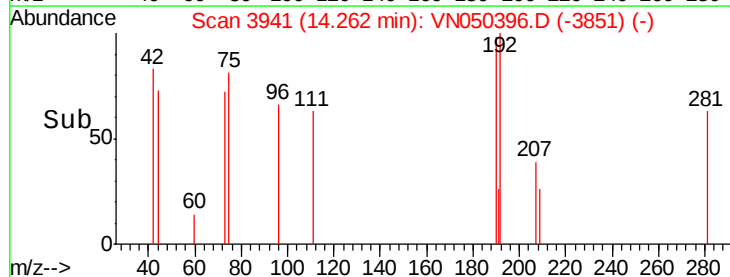
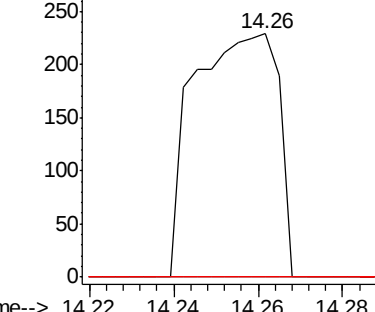
157 0.0 57.2 171.6#

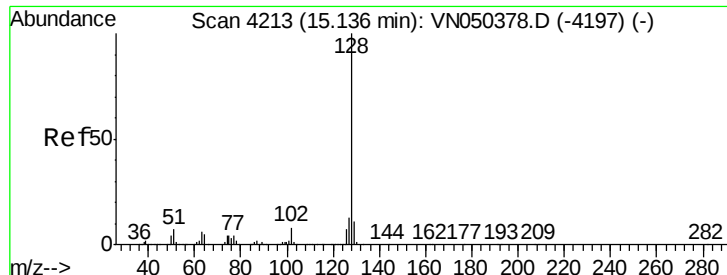


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 3.65 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN050396.D

Acq: 6 Aug 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

PB11760ZHE#11

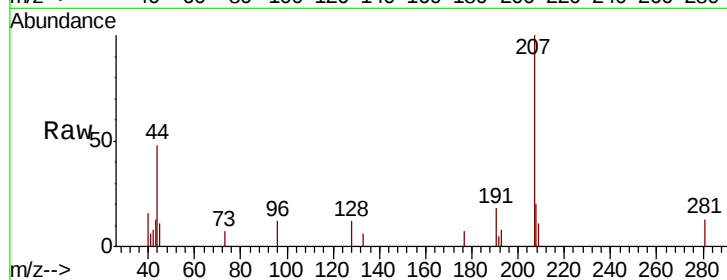
Tot Ion:128 Resp: 476

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.8 13.2#



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

