

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081318\
 Data File : VN050560.D
 Acq On : 13 Aug 2018 11:51
 Operator : MD\SY
 Sample : VN0813MBL01
 Misc : 5.00g/10ml/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813MBL01

Quant Time: Aug 14 00:56:37 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	668922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1069832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	926186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	333792	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	446285	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
35) Dibromofluoromethane	7.59	113	419678	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
50) Toluene-d8	10.09	98	1509822	46.78	ug/l	0.00
Spiked Amount			Recovery	=	93.56%	
62) 4-Bromofluorobenzene	12.40	95	406515	36.96	ug/l	0.00
Spiked Amount			Recovery	=	73.92%	

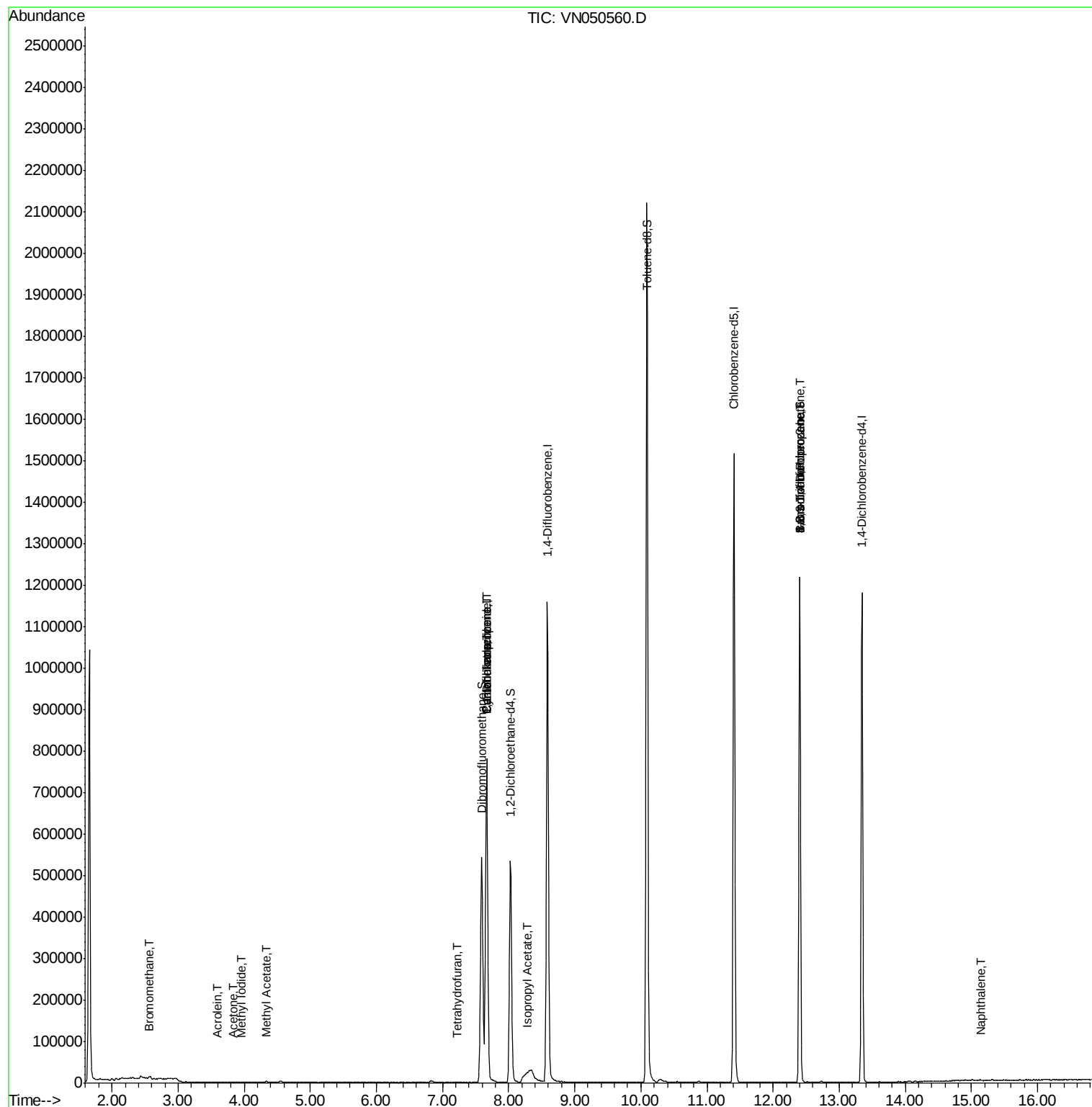
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3178	Below Cal		96
5) Bromomethane	2.57	94	3568	0.93 ug/l		97
10) Methyl Iodide	3.95	142	721	0.21 ug/l #		57
13) Acrolein	3.61	56	68	15.10 ug/l #		15
16) Acetone	3.82	43	1576	0.23 ug/l #		42
18) Methyl Acetate	4.34	43	3775	0.35 ug/l #		69
20) Methylene Chloride	4.56	84	2479	Below Cal #		88
29) Tetrahydrofuran	7.22	42	717	0.30 ug/l #		39
31) Cyclohexane	7.66	56	12711	0.37 ug/l #		1
36) 1,1-Dichloropropene	7.67	75	47031	4.00 ug/l #		48
38) Carbon Tetrachloride	7.67	117	61179	4.99 ug/l #		16
43) Isopropyl Acetate	8.27	43	28748	1.97 ug/l #		61
71) Bromoform	12.40	173	3728	0.60 ug/l #		1
76) 1,2,3-Trichloropropane	12.40	75	197198	32.64 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.40	75	197198	114.68 ug/l #		13
94) Hexachlorobutadiene	15.02	225	838	Below Cal		93
95) Naphthalene	15.14	128	2114	3.74 ug/l #		82

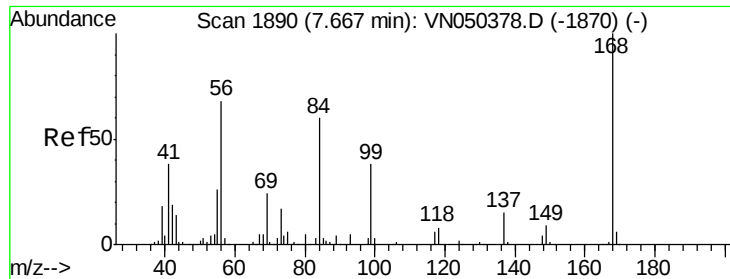
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081318\
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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# 1890

Delta R.T. 0.00 min

Lab File: VN050560.D

Acq: 13 Aug 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

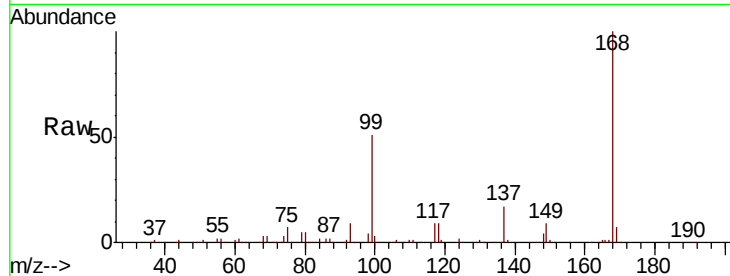
VN0813MBL01

Tot Ion:168 Resp: 668922

Ion Ratio Lower Upper

168 100

99 51.3 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

300000

250000

200000

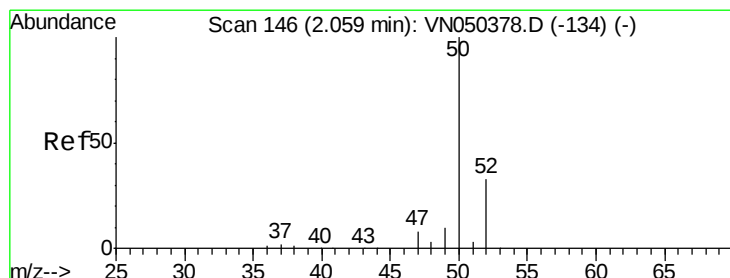
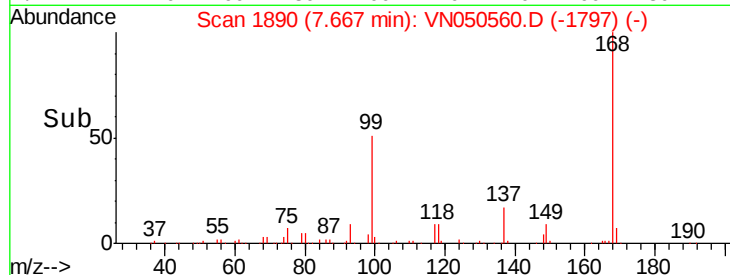
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050560.D

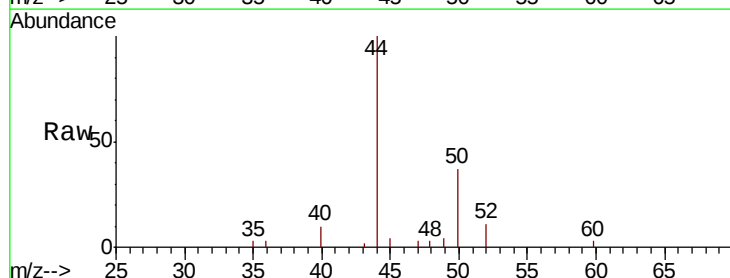
Acq: 13 Aug 2018 11:51

Tgt Ion: 50 Resp: 3178

Ion Ratio Lower Upper

50 100

52 30.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

2500

2000

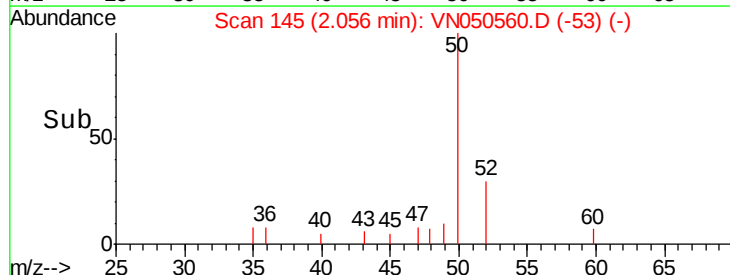
1500

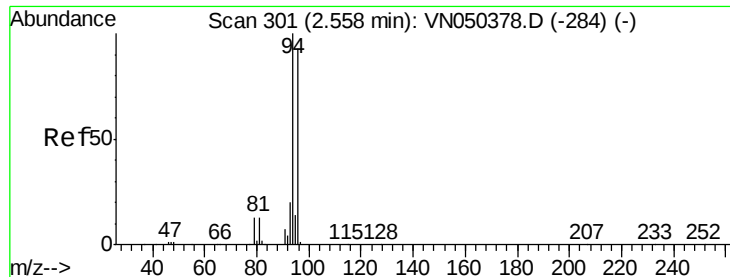
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.93 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050560.D

Acq: 13 Aug 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

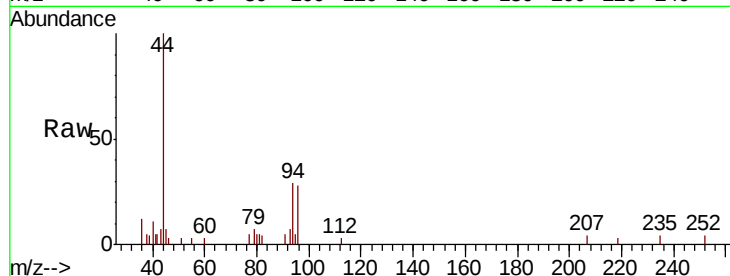
VN0813MBL01

Tot Ion: 94 Resp: 3568

Ion Ratio Lower Upper

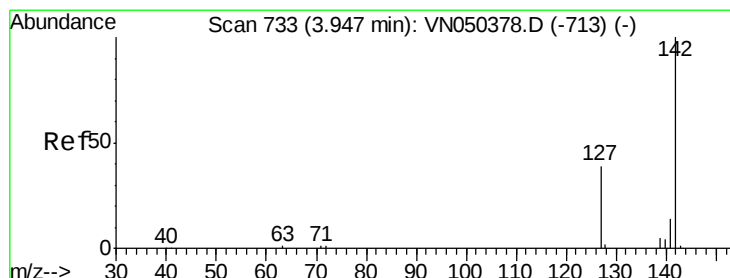
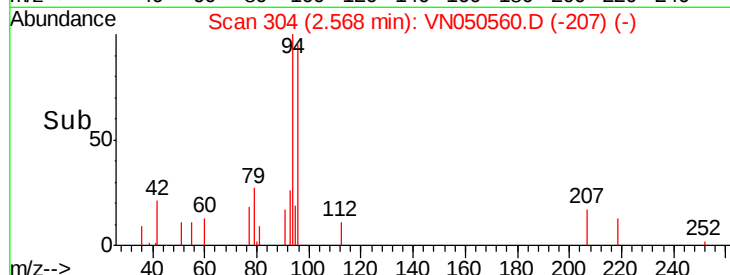
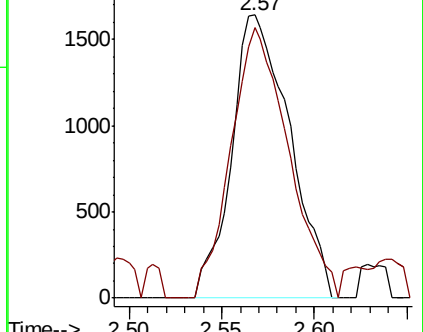
94 100

96 95.7 74.6 112.0



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

Ion 95.90 (95.60 to 96.60): VN050378.D (-284) (-)



#10

Methyl Iodide

Concen: 0.21 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN050560.D

Acq: 13 Aug 2018 11:51

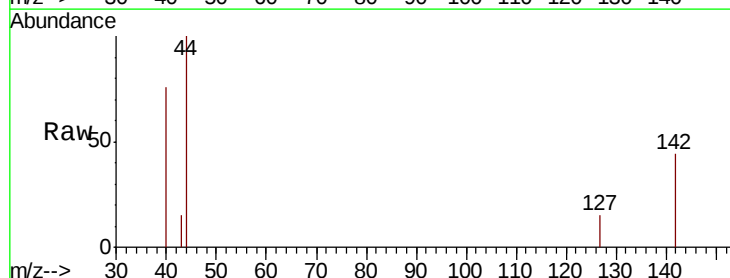
Tgt Ion: 142 Resp: 721

Ion Ratio Lower Upper

142 100

127 12.8 33.4 50.2#

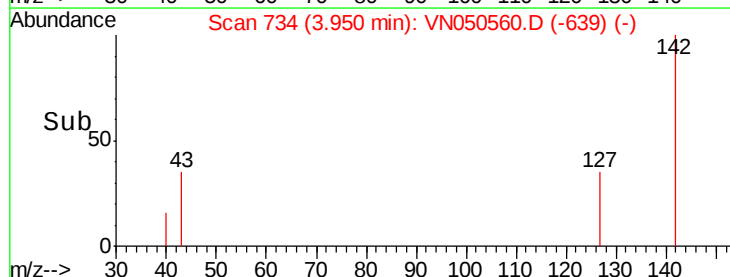
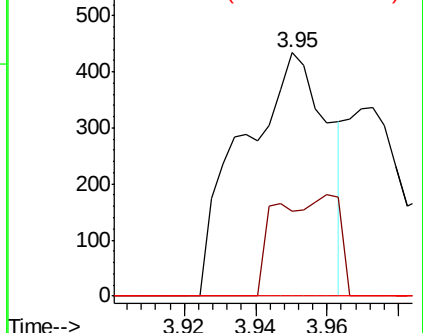
141 0.0 11.6 17.4#

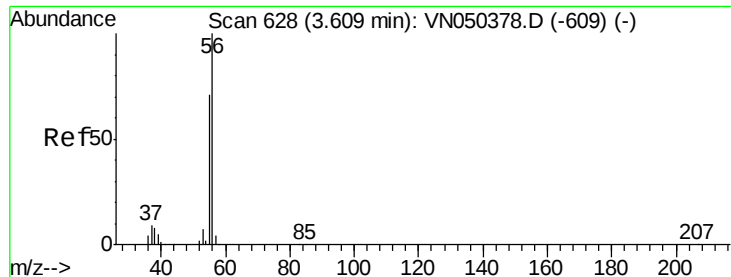


Abundance Ion 141.80 (141.50 to 142.50): VN050378.D (-713) (-)

Ion 126.80 (126.50 to 127.50): VN050378.D (-713) (-)

Ion 140.80 (140.50 to 141.50): VN050378.D (-713) (-)





#13

Acrolein

Concen: 15.10 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN050560.D

Acq: 13 Aug 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

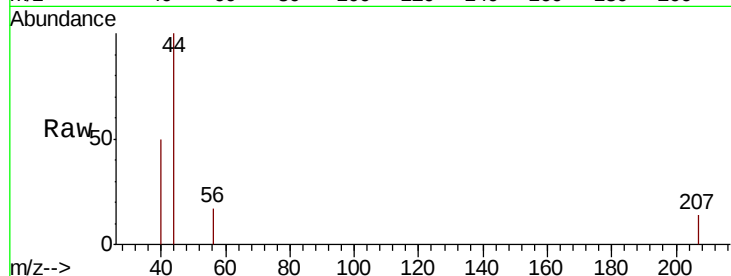
VN0813MBL01

Tot Ion: 56 Resp: 68

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

3.61

200

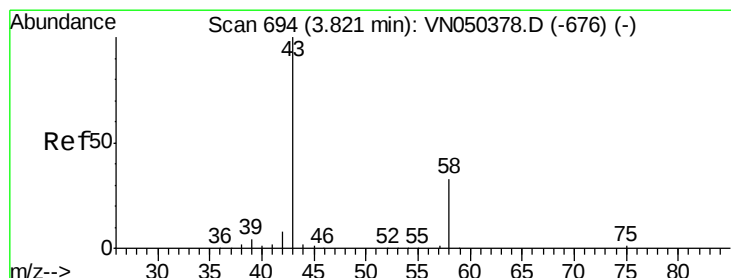
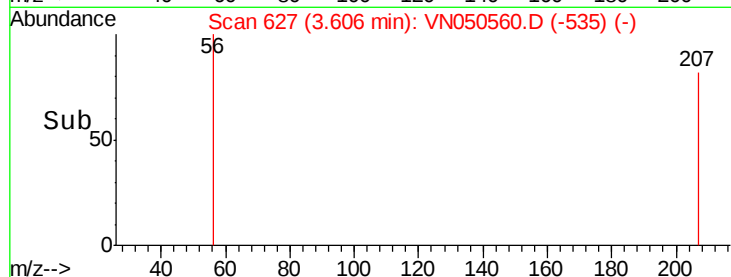
150

100

50

0

Time--> 3.59 3.60 3.61



#16

Acetone

Concen: 0.23 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050560.D

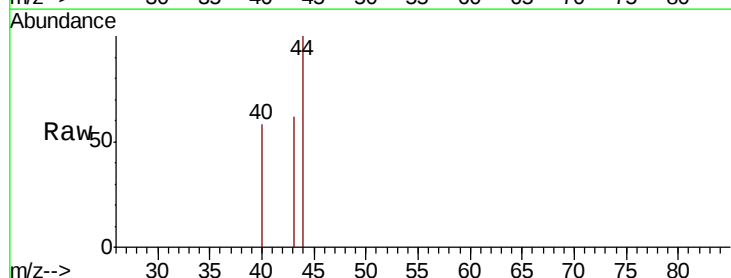
Acq: 13 Aug 2018 11:51

Tgt Ion: 43 Resp: 1576

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

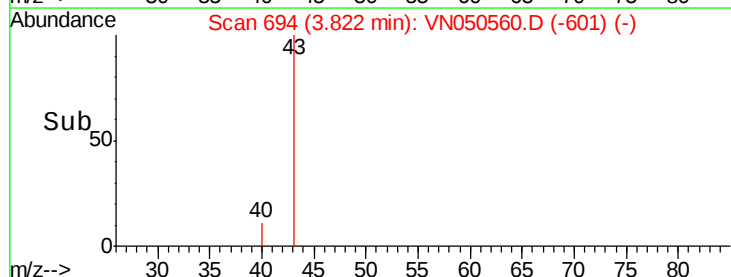
600

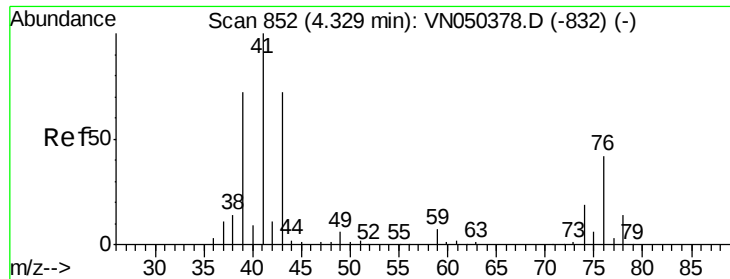
400

200

0

Time--> 3.80 3.85

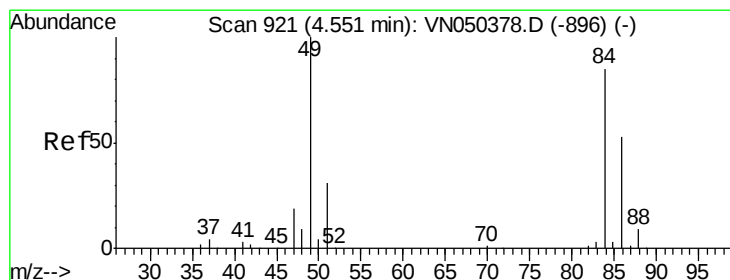
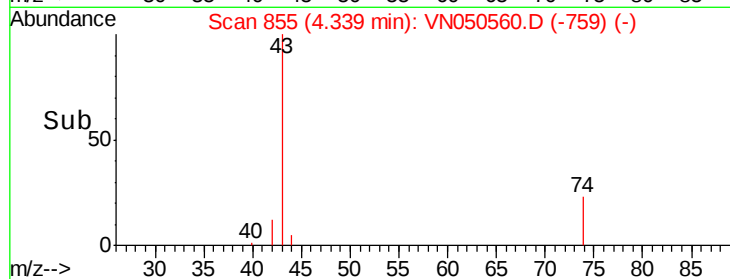
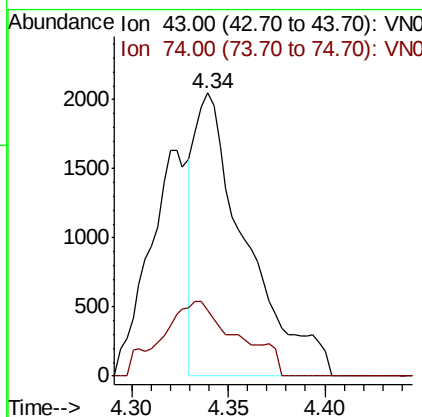
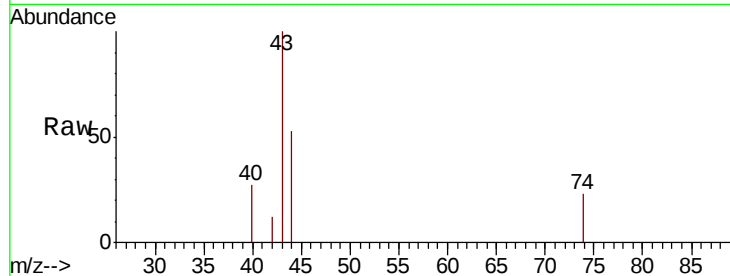




#18
Methvl Acetate
Concen: 0.35 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050560.D
Acq: 13 Aug 2018 11:51

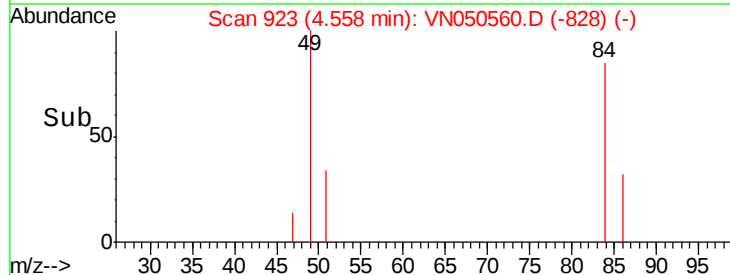
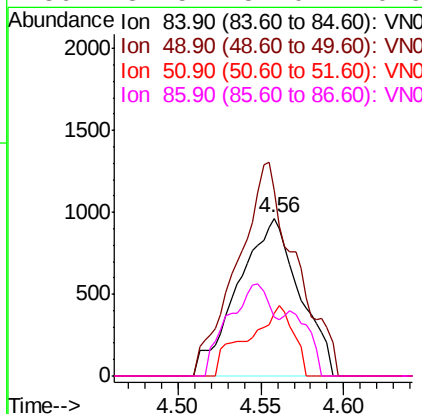
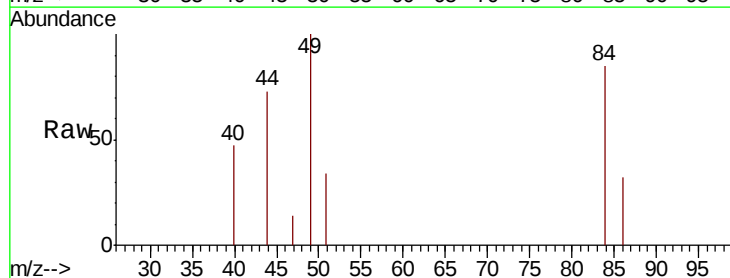
Instrument :
MSVOA_N
ClientSampleId :
VN0813MBL01

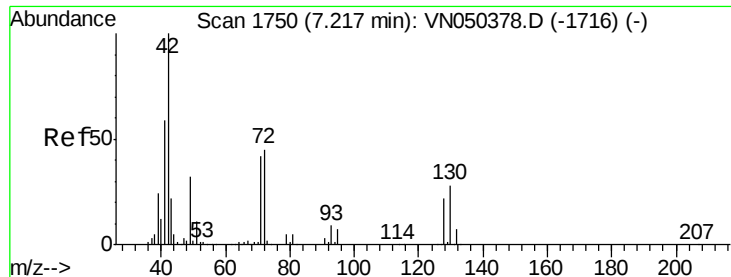
Tot Ion: 43 Resp: 3775
Ion Ratio Lower Upper
43 100
74 39.2 19.2 28.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050560.D
Acq: 13 Aug 2018 11:51

Tgt Ion: 84 Resp: 2479
Ion Ratio Lower Upper
84 100
49 117.6 94.8 142.2
51 39.7 28.3 42.5
86 37.5 51.0 76.6#





#29

Tetrahydrofuran

Concen: 0.30 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN050560.D

Acq: 13 Aug 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0813MBL01

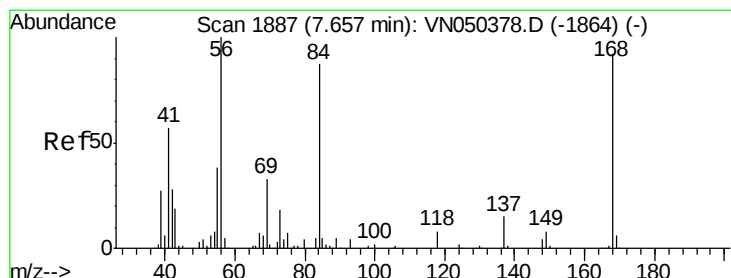
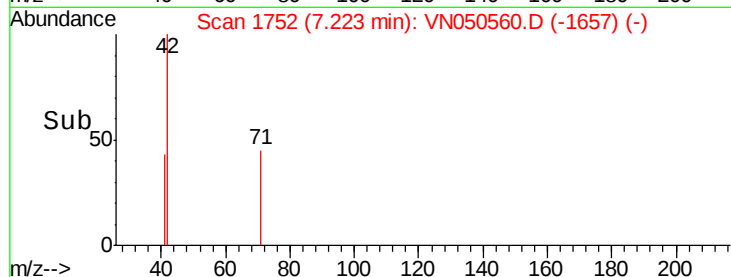
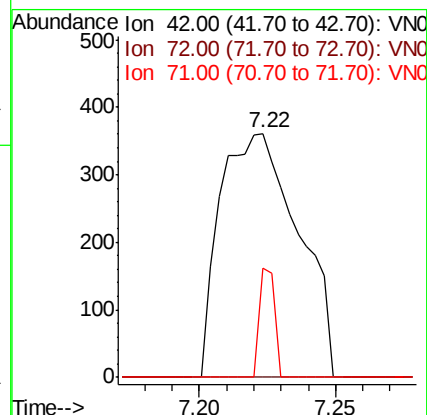
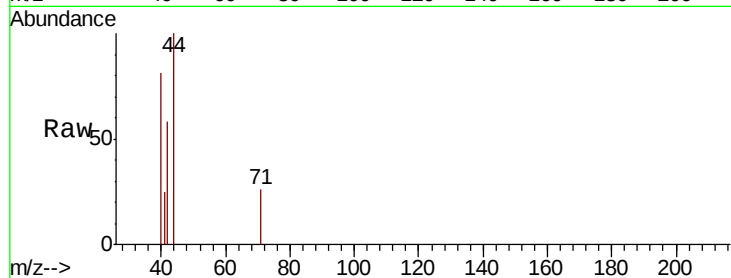
Tot Ion: 42 Resp: 717

Ion Ratio Lower Upper

42 100

72 0.0 35.9 53.9#

71 8.5 33.7 50.5#



#31

Cyclohexane

Concen: 0.37 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050560.D

Acq: 13 Aug 2018 11:51

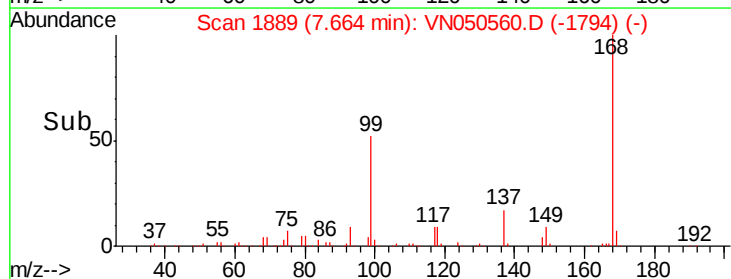
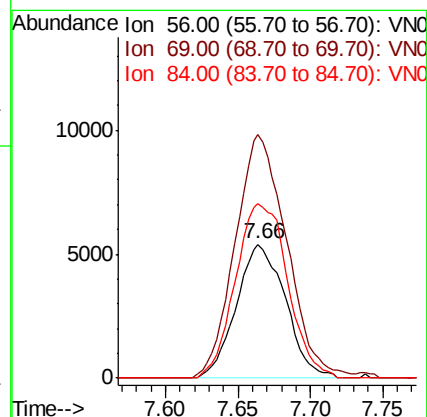
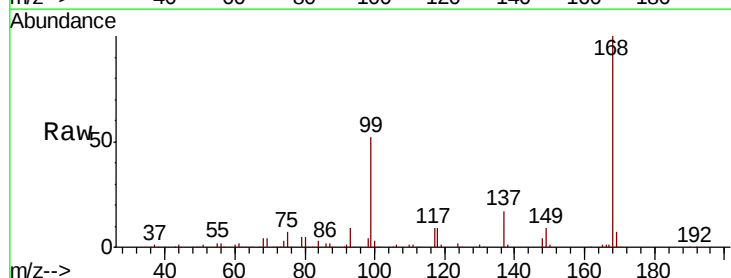
Tgt Ion: 56 Resp: 12711

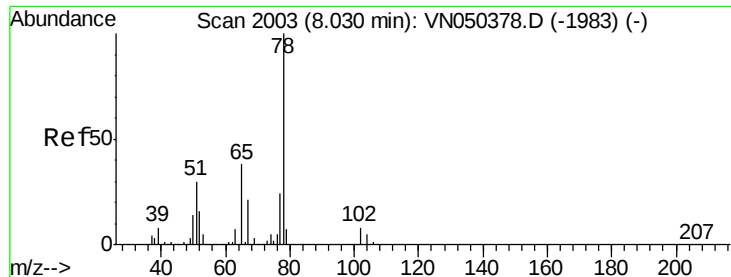
Ion Ratio Lower Upper

56 100

69 181.8 26.2 39.4#

84 130.5 67.4 101.0#

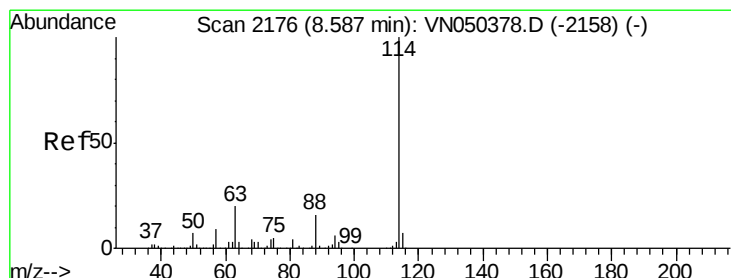
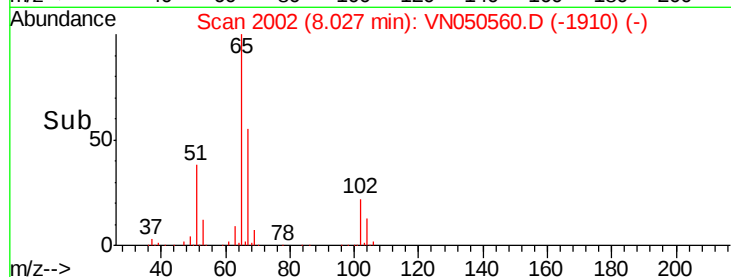
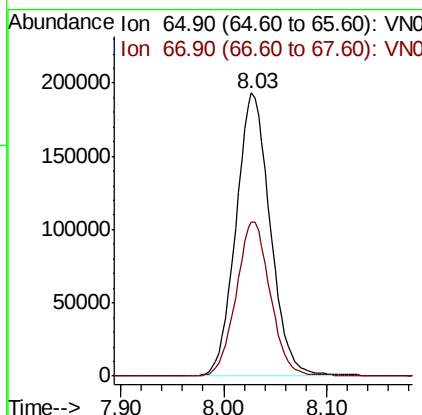
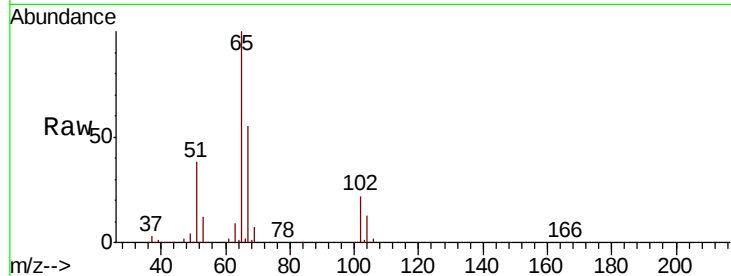




#33
 1,2-Dichloroethane-d4
 Concen: 49.93 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050560.D
 Acq: 13 Aug 2018 11:51

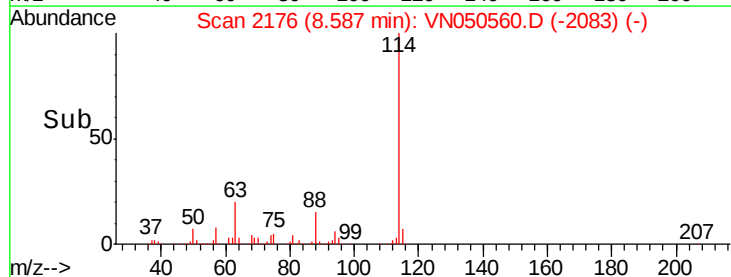
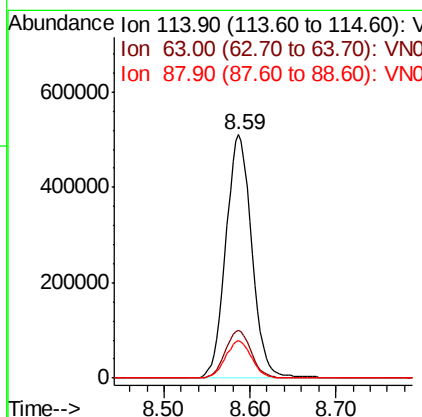
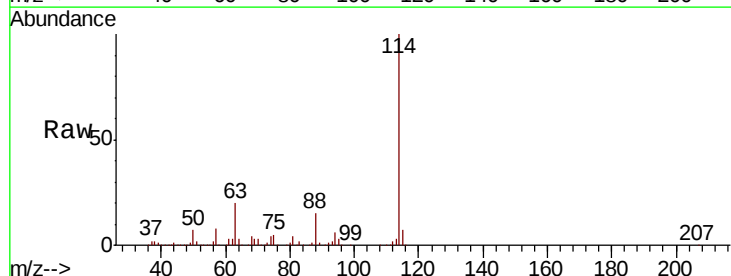
Instrument :
 MSVOA_N
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 VN0813MBL01

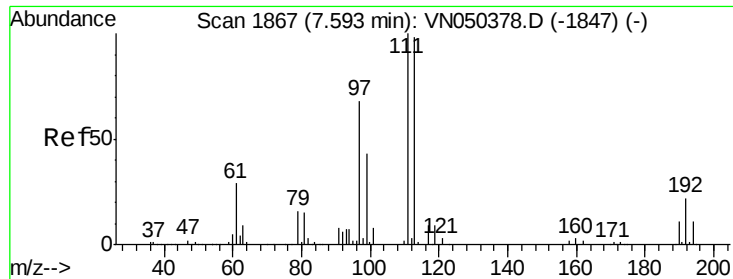
Tot Ion: 65 Resp: 446285
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050560.D
 Acq: 13 Aug 2018 11:51

Tgt Ion: 114 Resp: 1069832
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.4 0.0 31.2

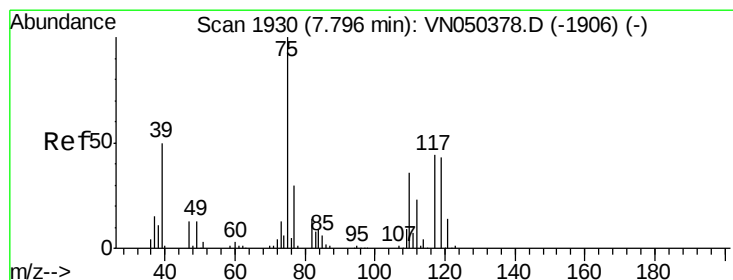
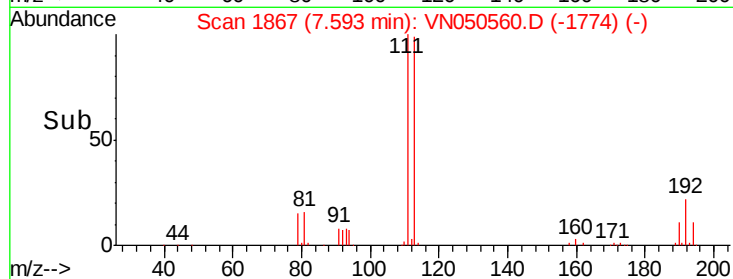
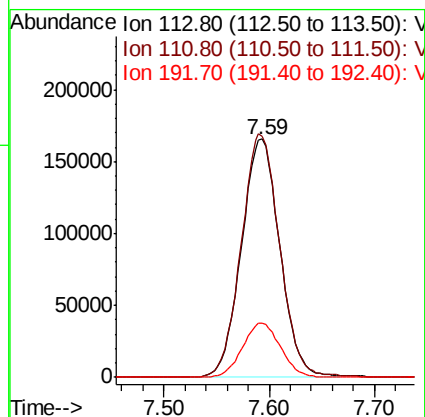
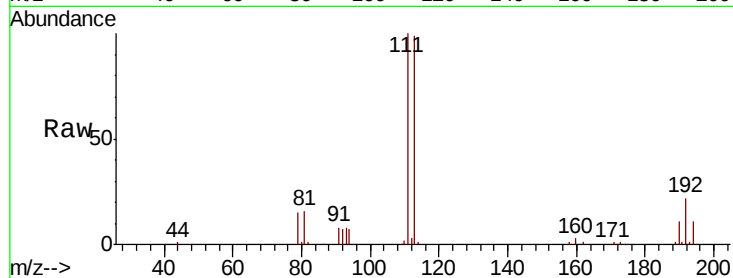




#35
 Dibromofluoromethane
 Concen: 48.89 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050560.D
 Acq: 13 Aug 2018 11:51

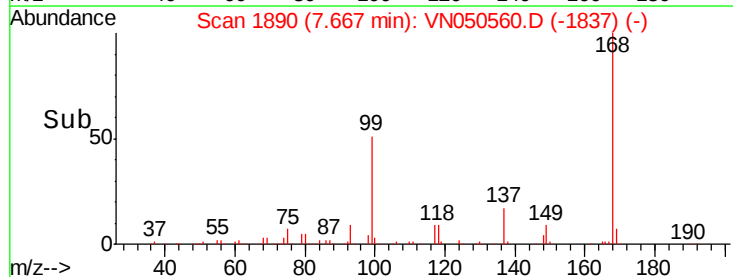
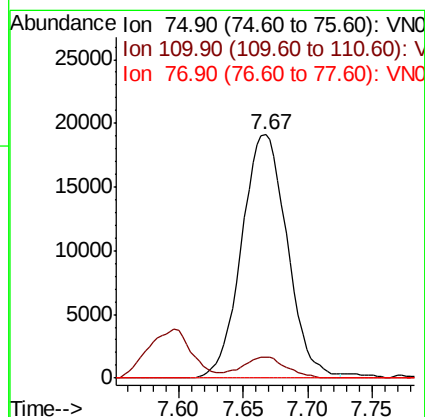
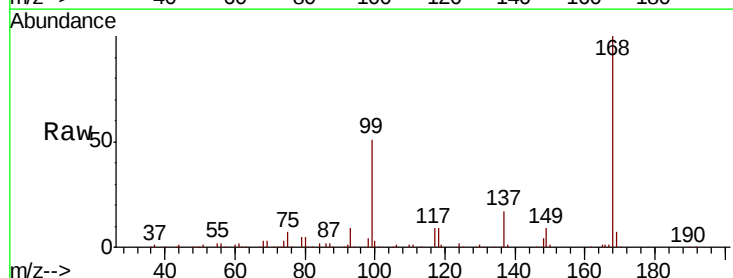
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 ClientSampleId :
 VN0813MBL01

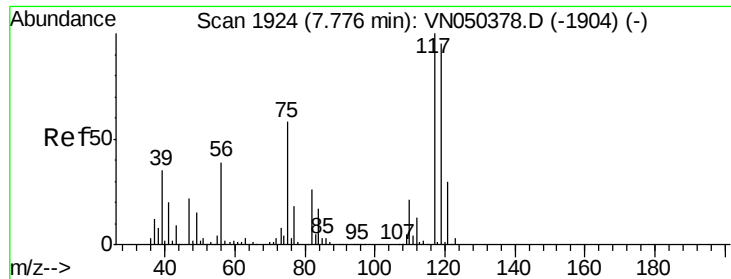
Tot Ion:113 Resp: 419678
 Ion Ratio Lower Upper
 113 100
 111 102.2 80.7 121.1
 192 22.5 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 4.00 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050560.D
 Acq: 13 Aug 2018 11:51

Tgt Ion: 75 Resp: 47031
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.4 55.2#
 77 0.0 25.3 37.9#

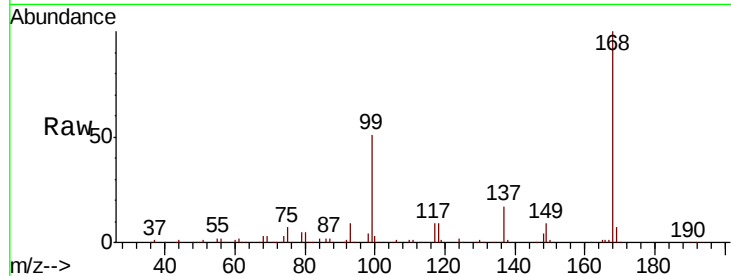




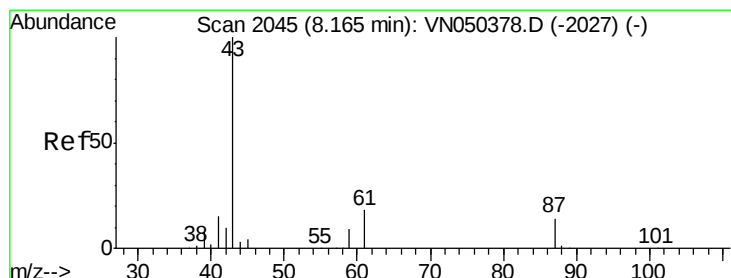
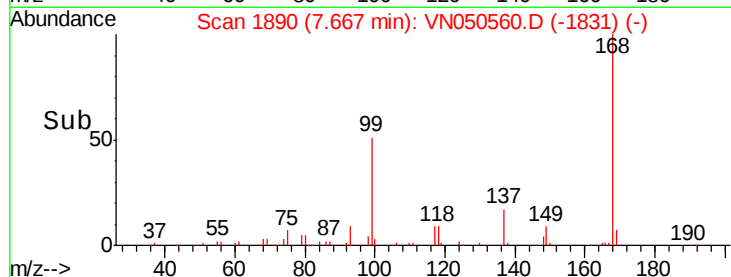
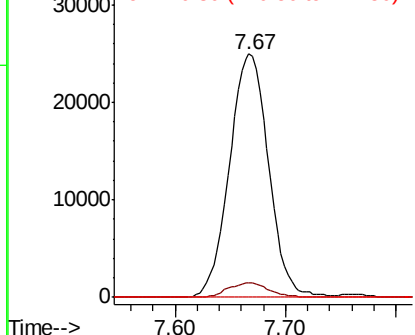
#38
Carbon Tetrachloride
Concen: 4.99 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050560.D
Acq: 13 Aug 2018 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0813MBL01

Tot Ion:117 Resp: 61179
Ion Ratio Lower Upper
117 100
119 6.2 77.4 116.0#
121 0.0 23.9 35.9#

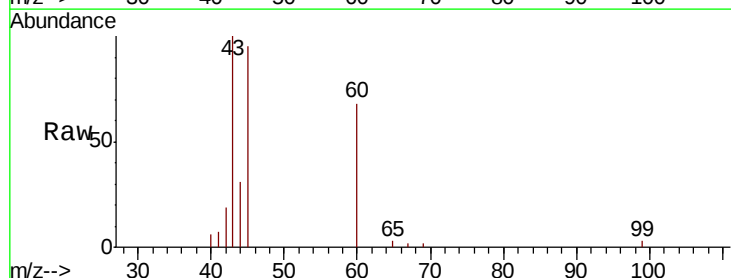


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

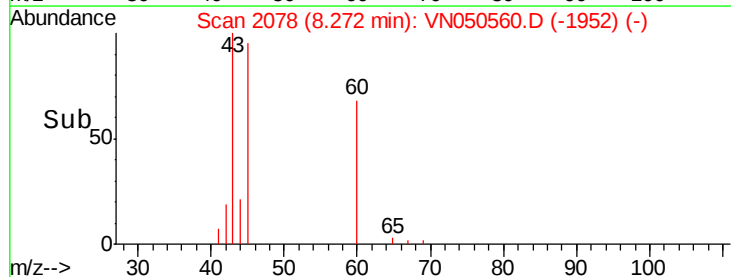
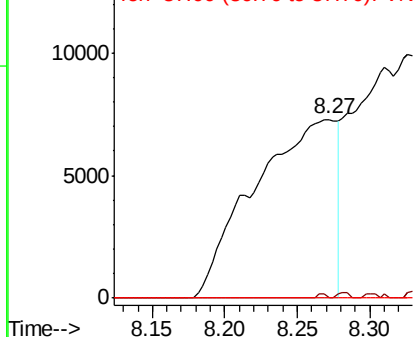


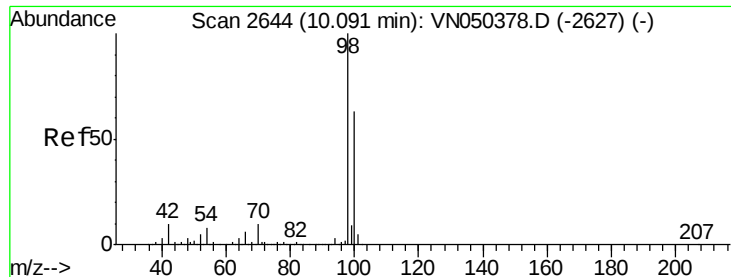
#43
Isopropyl Acetate
Concen: 1.97 ug/l
RT: 8.27 min Scan# 2078
Delta R.T. 0.11 min
Lab File: VN050560.D
Acq: 13 Aug 2018 11:51

Tgt Ion: 43 Resp: 28748
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.6#
87 0.0 10.3 15.5#



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

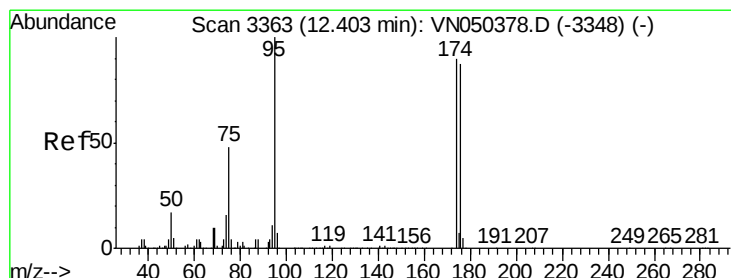
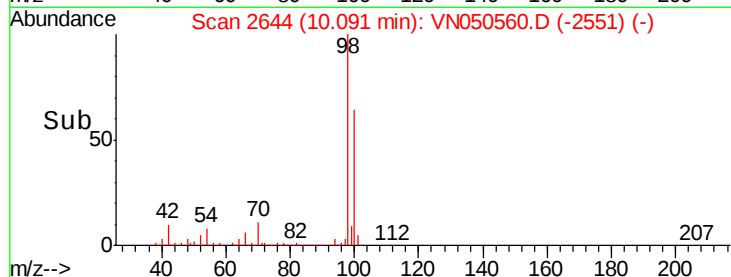
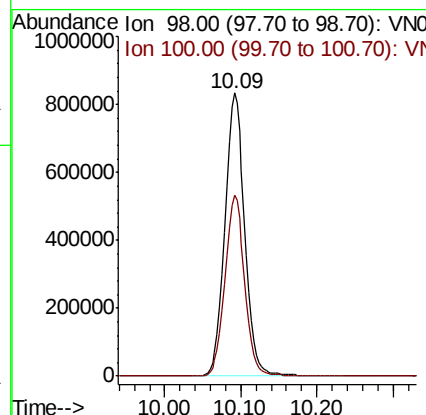
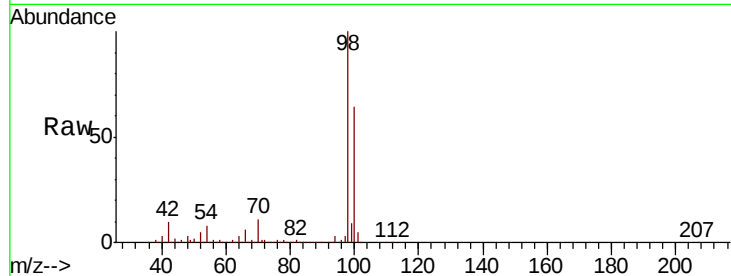




#50
Toluene-d8
Concen: 46.78 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050560.D
Acq: 13 Aug 2018 11:51

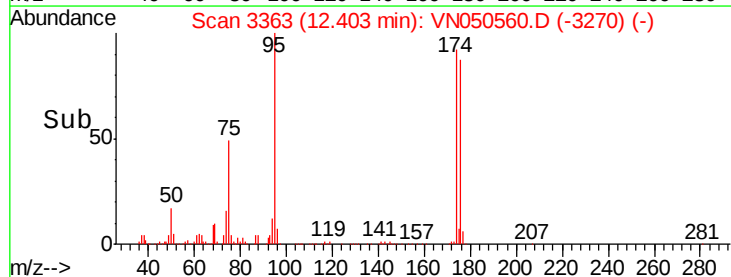
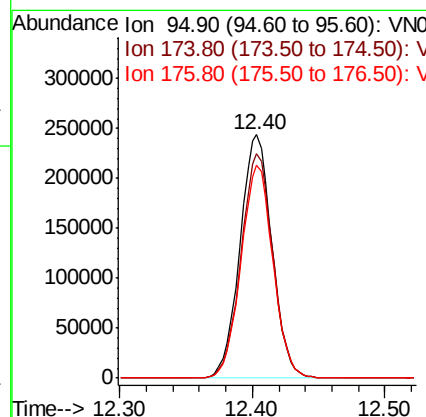
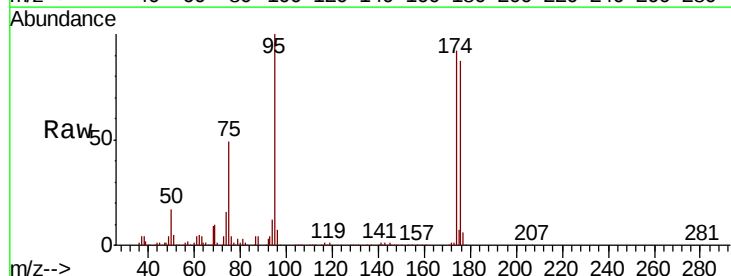
Instrument :
MSVOA_N
ClientSampleId :
VN0813MBL01

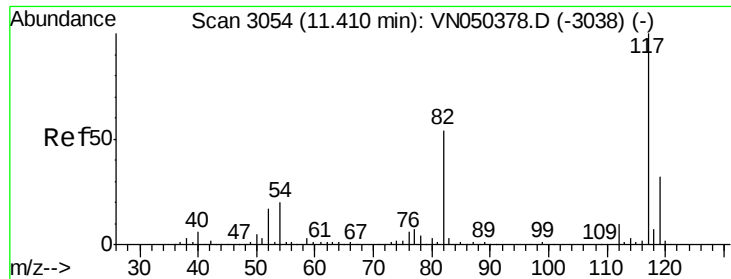
Tot Ion: 98 Resp: 1509822
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 36.96 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050560.D
Acq: 13 Aug 2018 11:51

Tgt Ion: 95 Resp: 406515
Ion Ratio Lower Upper
95 100
174 92.5 0.0 178.2
176 87.8 0.0 173.4

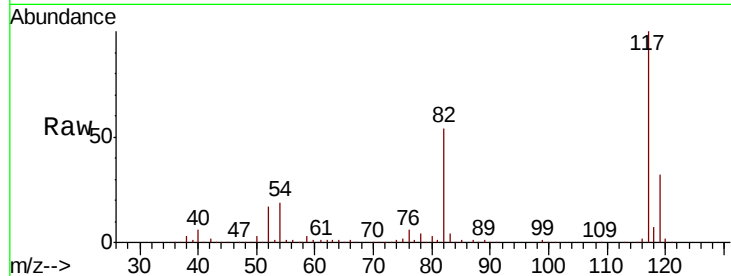




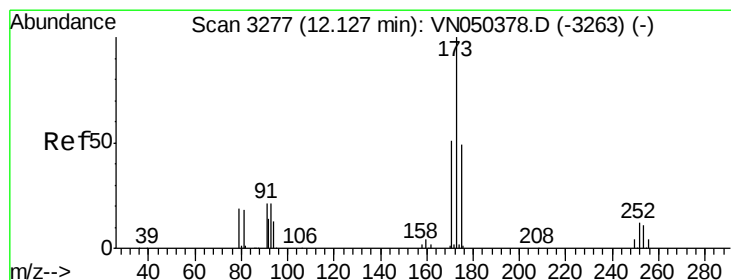
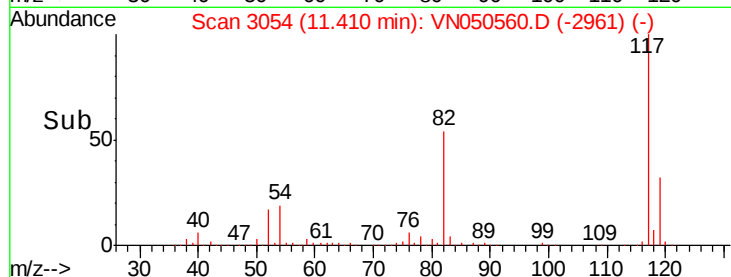
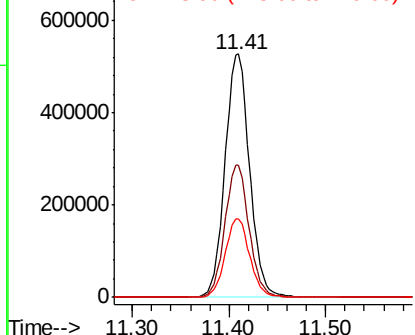
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050560.D
Acq: 13 Aug 2018 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0813MBL01

Tot Ion:117 Resp: 926186
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.5 26.1 39.1

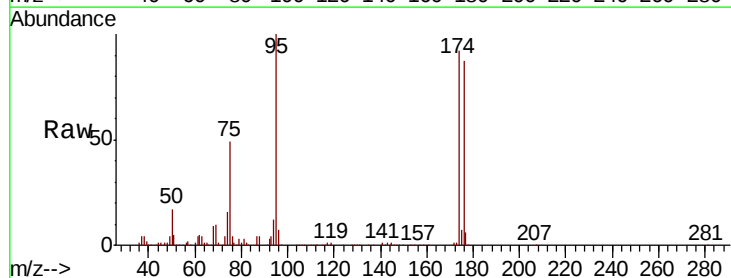


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

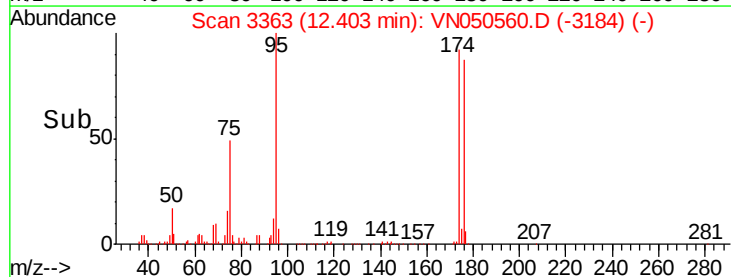
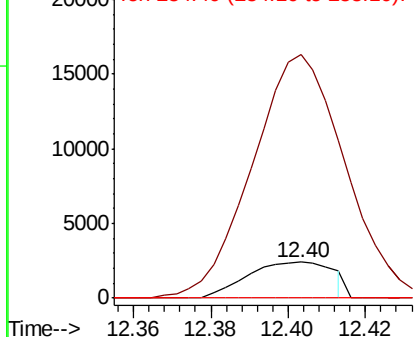


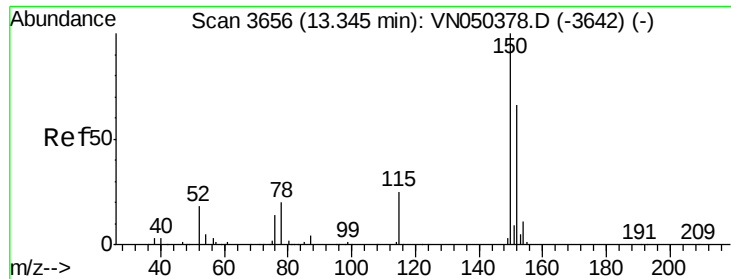
#71
Bromoform
Concen: 0.60 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN050560.D
Acq: 13 Aug 2018 11:51

Tgt Ion:173 Resp: 3728
Ion Ratio Lower Upper
173 100
175 619.5 24.1 72.2#
254 0.0 0.2 0.2#



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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050560.D

Acq: 13 Aug 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0813MBL01

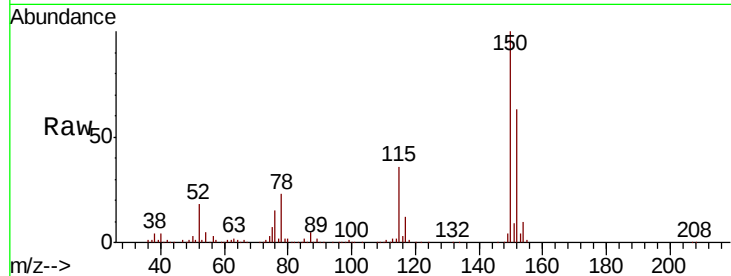
Tot Ion:152 Resp: 333792

Ion Ratio Lower Upper

152 100

115 56.4 27.8 83.3

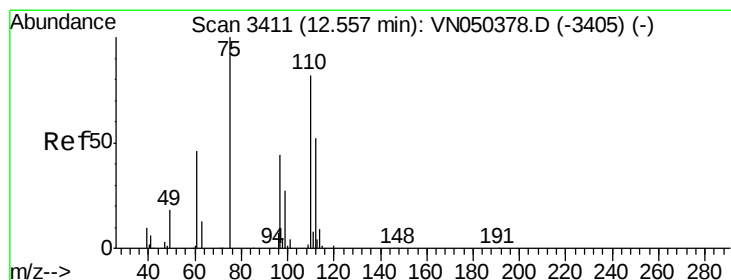
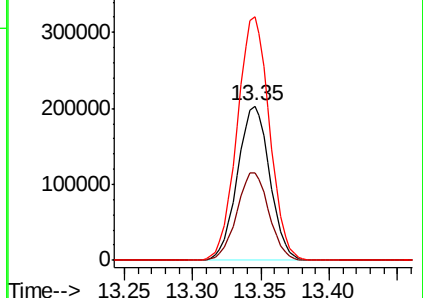
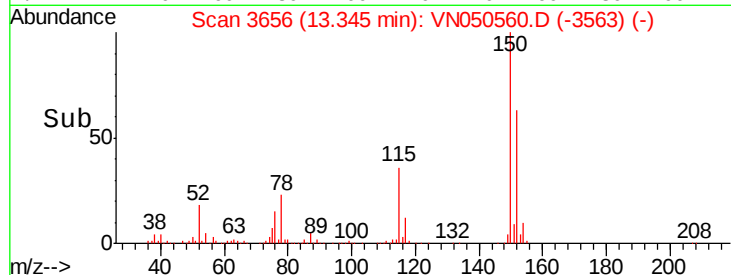
150 158.1 0.0 348.6



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: 32.64 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050560.D

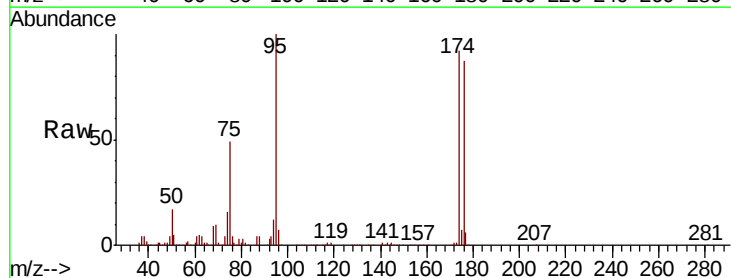
Acq: 13 Aug 2018 11:51

Tgt Ion: 75 Resp: 197198

Ion Ratio Lower Upper

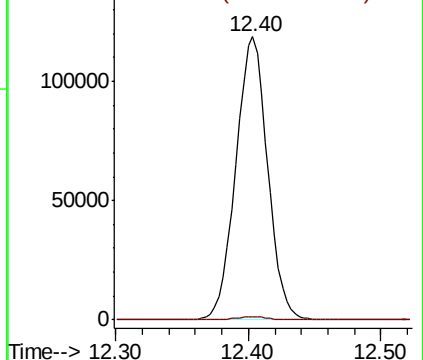
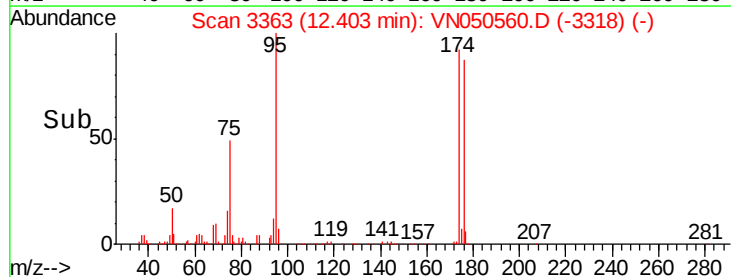
75 100

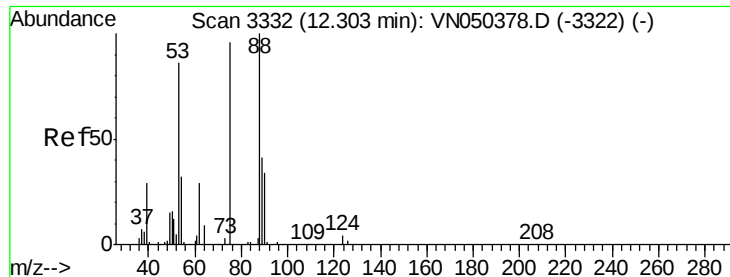
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

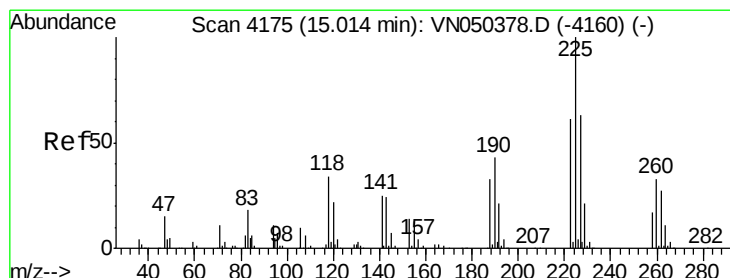
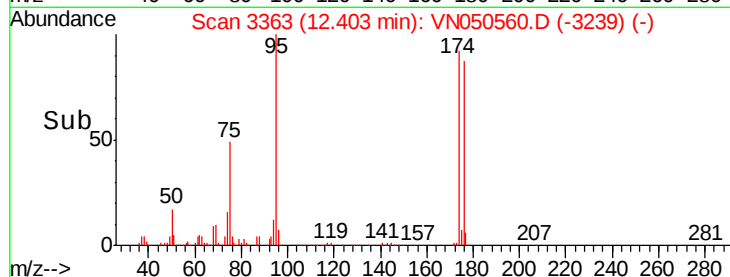
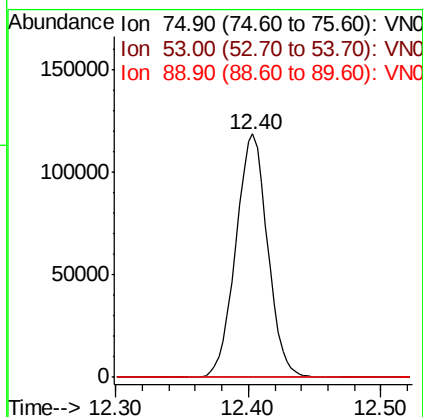
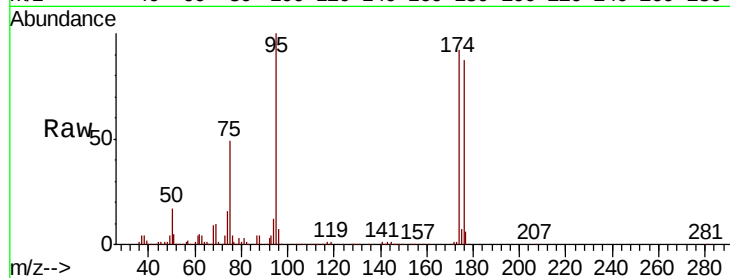




#81
trans-1,4-Dichloro-2-butene
Concen: 114.68 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050560.D
Acq: 13 Aug 2018 11:51

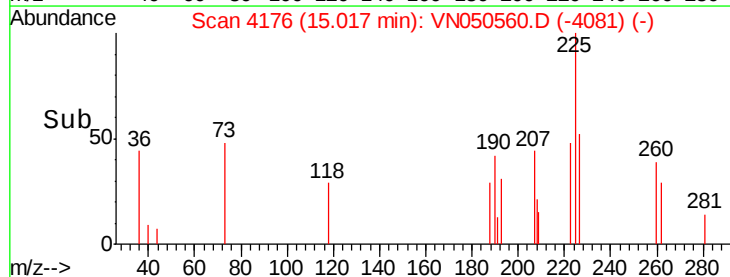
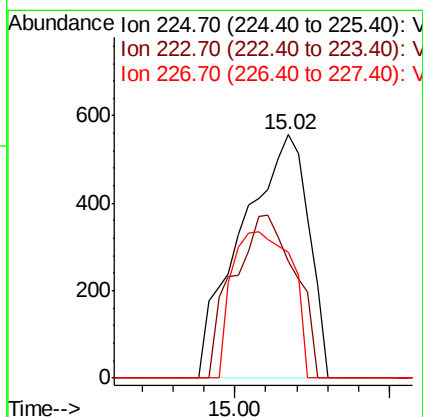
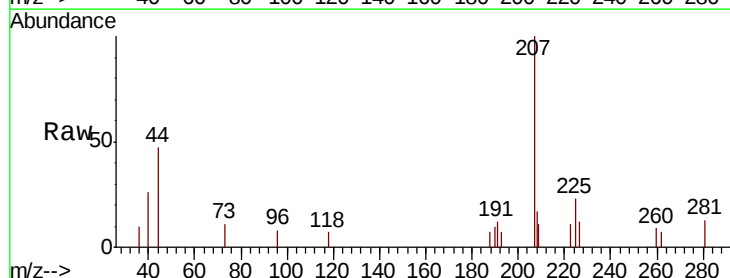
Instrument :
MSVOA_N
ClientSampleId :
VN0813MBL01

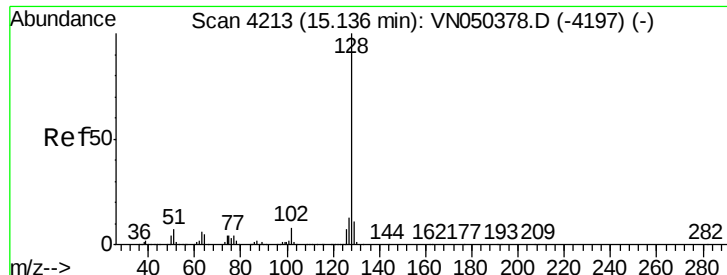
Tot Ion: 75 Resp: 197198
Ion Ratio Lower Upper
75 100
53 0.2 73.5 110.3#
89 0.0 36.0 54.0#



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.02 min Scan# 4176
Delta R.T. 0.00 min
Lab File: VN050560.D
Acq: 13 Aug 2018 11:51

Tgt Ion: 225 Resp: 838
Ion Ratio Lower Upper
225 100
223 62.1 31.4 94.2
227 53.5 32.1 96.5





#95

Naphthalene

Concen: 3.74 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN050560.D

Acq: 13 Aug 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0813MBL01

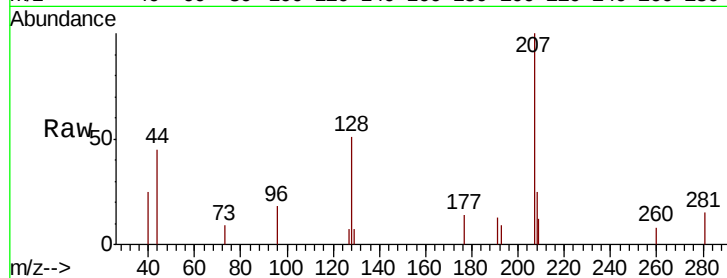
Tot Ion:128 Resp: 2114

Ion Ratio Lower Upper

128 100

127 8.5 10.4 15.6#

129 1.4 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

