

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122118\
 Data File : VN053111.D
 Acq On : 21 Dec 2018 19:22
 Operator : MD\SY
 Sample : J6377-10ME 10X
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD003-0612-01ME

Quant Time: Dec 22 01:19:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1217075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1852657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1716135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	794581	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	598411	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
35) Dibromofluoromethane	7.59	113	481691	56.92	ug/l	0.00
Spiked Amount			Recovery	=	113.84%	
50) Toluene-d8	10.09	98	2272107	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	812829	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	

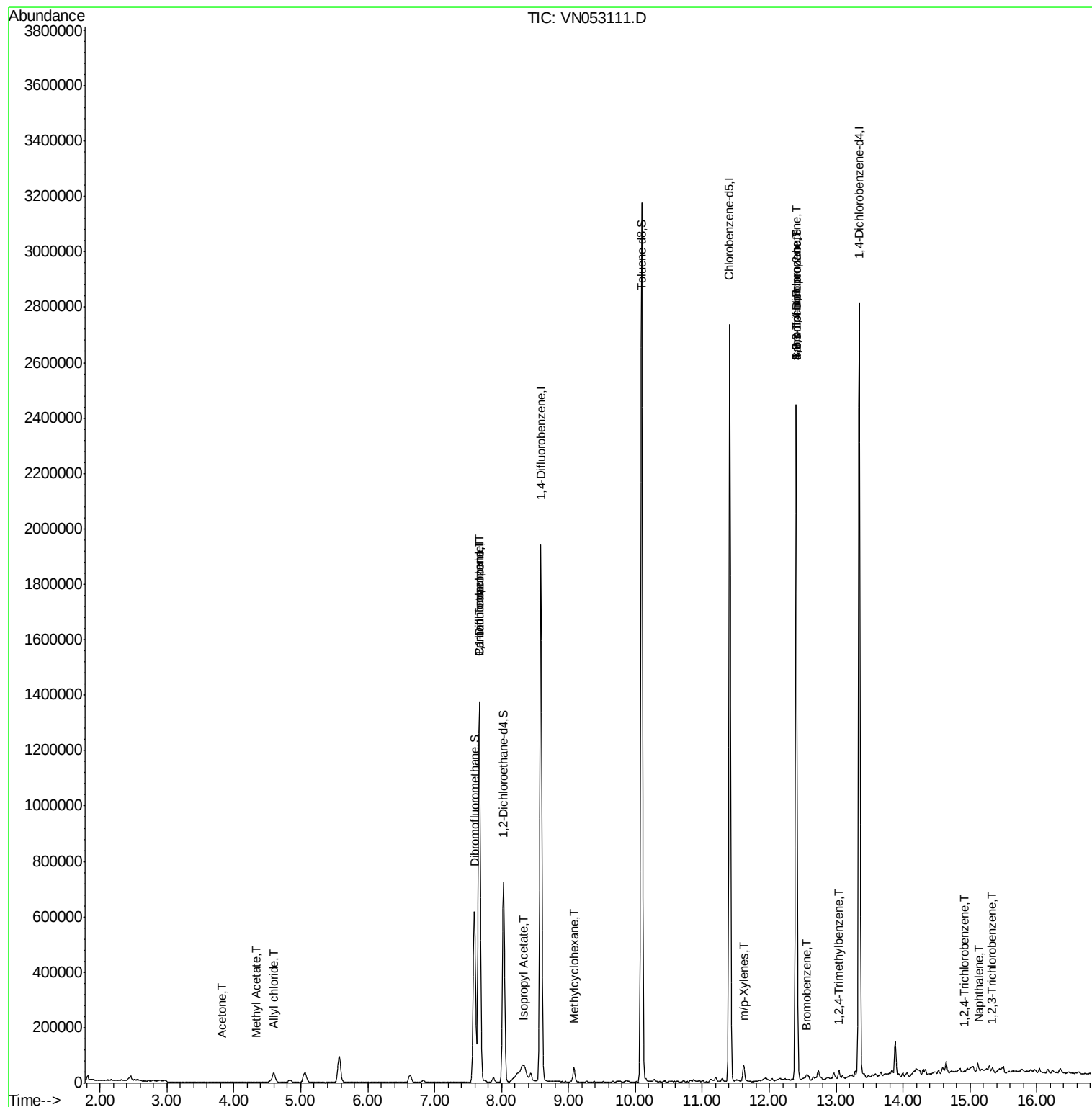
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.59	41	12768	0.711	ug/l #	48
16) Acetone	3.83	43	3007	1.242	ug/l #	87
18) Methyl Acetate	4.33	43	4370	1.382	ug/l #	75
36) 1,1-Dichloropropene	7.66	75	77523	4.360	ug/l #	49
38) Carbon Tetrachloride	7.67	117	104926	6.438	ug/l #	16
39) Methylcyclohexane	9.08	83	23769	1.100	ug/l	91
43) Isopropyl Acetate	8.33	43	151503	6.988	ug/l #	53
68) m/p-Xylenes	11.62	106	19442	0.782	ug/l	99
71) Bromoform	12.41	173	4957	0.519	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	379283	28.356	ug/l #	100
77) Bromobenzene	12.55	156	11128	0.689	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.40	75	379283	91.393	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	18684	0.367	ug/l	94
93) 1,2,4-Trichlorobenzene	14.92	180	712	0.645	ug/l #	14
95) Naphthalene	15.14	128	5789	1.328	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.32	180	832	0.572	ug/l	80

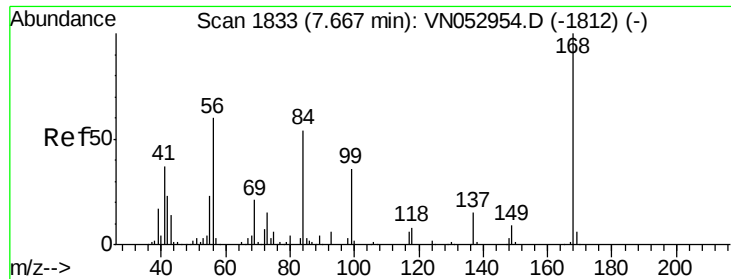
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122118\
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P001-SD003-0612-01ME

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053111.D

Acq: 21 Dec 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

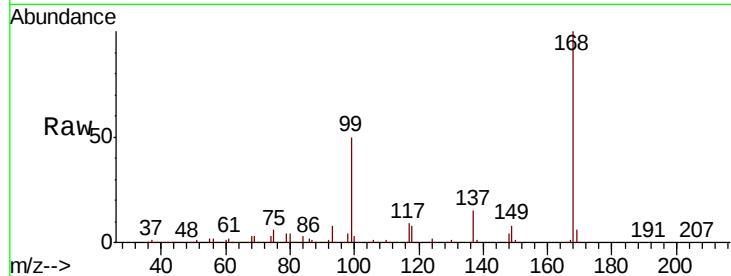
P001-SD003-0612-01ME

Tot Ion:168 Resp: 1217075

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053111.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053111.D (-1740) (-)

7.67

500000

400000

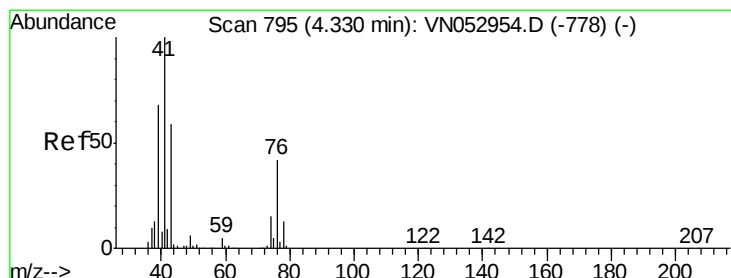
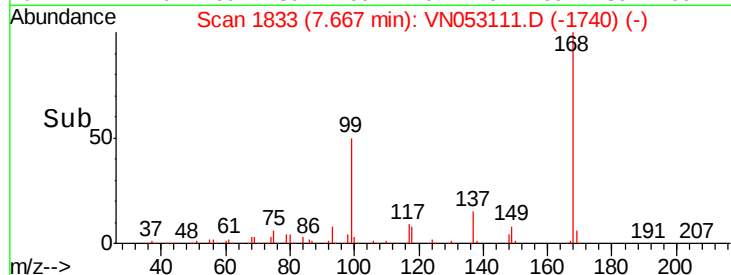
300000

200000

100000

0

Time-->



#14

Allyl chloride

Concen: 0.711 ug/l

RT: 4.59 min Scan# 877

Delta R.T. 0.26 min

Lab File: VN053111.D

Acq: 21 Dec 2018 19:22

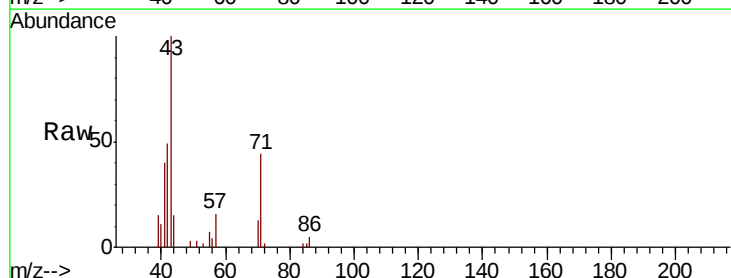
Tgt Ion: 41 Resp: 12768

Ion Ratio Lower Upper

41 100

39 30.2 54.1 81.1#

76 0.0 30.3 45.5#



Abundance Ion 41.00 (40.70 to 41.70): VN053111.D (-702) (-)

Ion 39.00 (38.70 to 39.70): VN053111.D (-702) (-)

Ion 75.90 (75.60 to 76.60): VN053111.D (-702) (-)

4.59

5000

4000

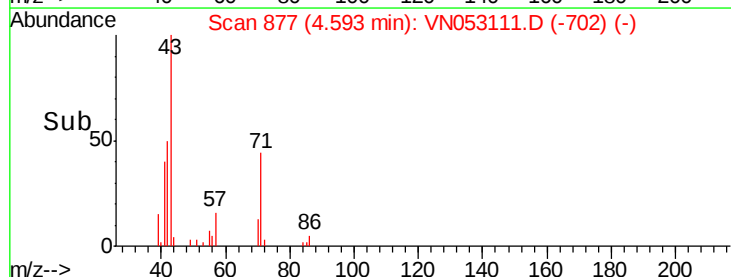
3000

2000

1000

0

Time-->





#16

Acetone

Concen: 1.242 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.02 min

Lab File: VN053111.D

Acq: 21 Dec 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

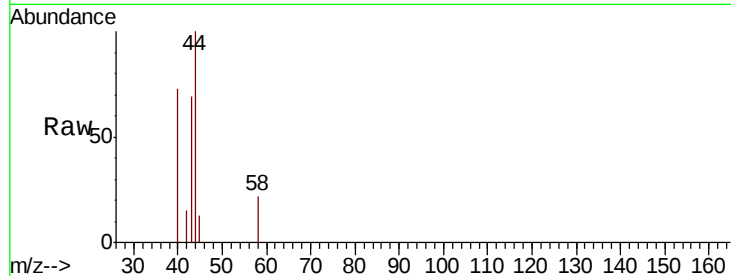
P001-SD003-0612-01ME

Tot Ion: 43 Resp: 3007

Ion Ratio Lower Upper

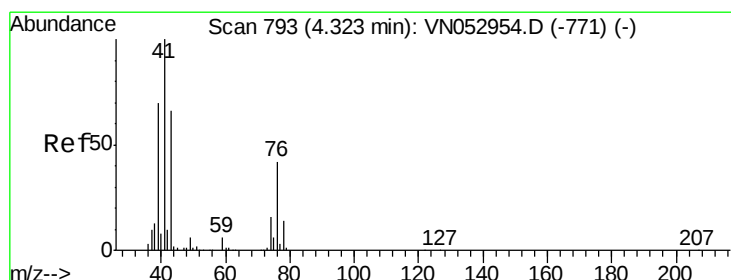
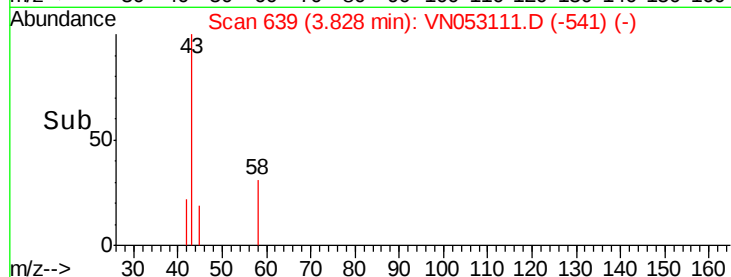
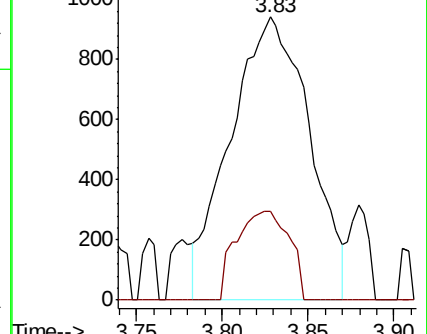
43 100

58 39.0 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.382 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053111.D

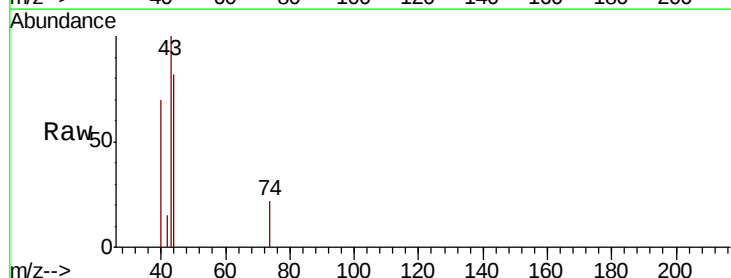
Acq: 21 Dec 2018 19:22

Tgt Ion: 43 Resp: 4370

Ion Ratio Lower Upper

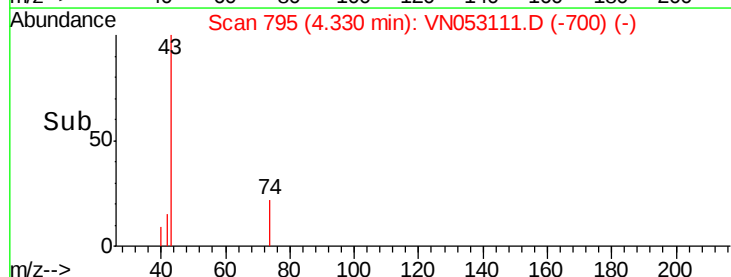
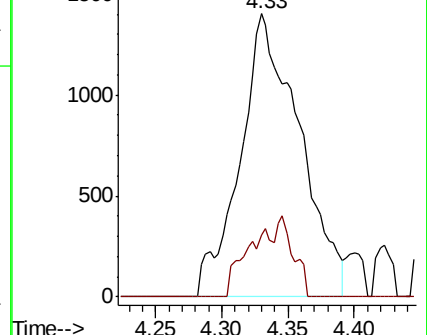
43 100

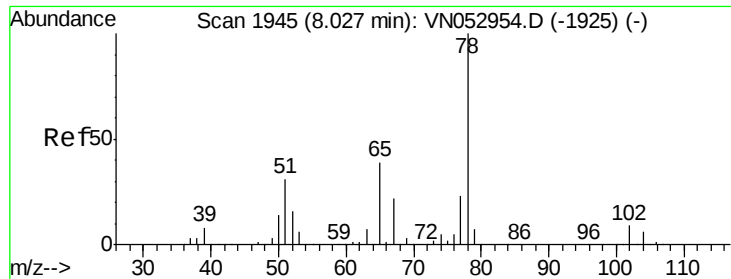
74 11.8 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

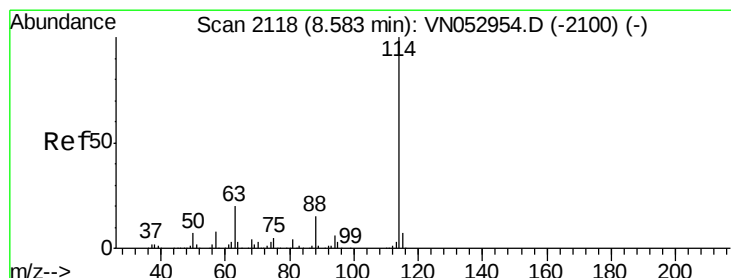
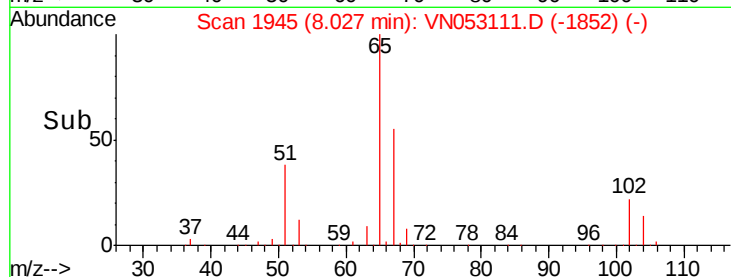
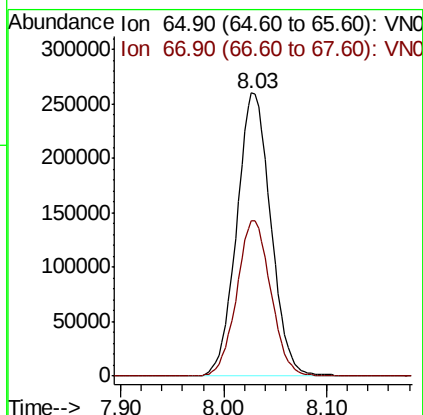
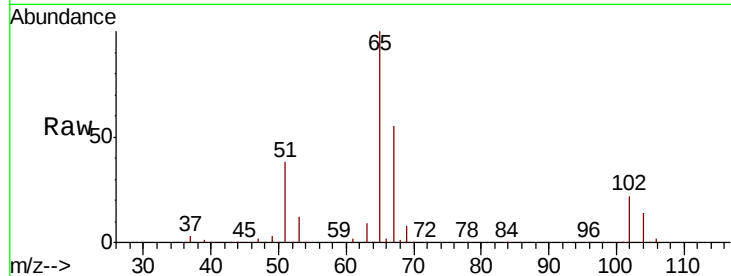




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053111.D
 Acq: 21 Dec 2018 19:22

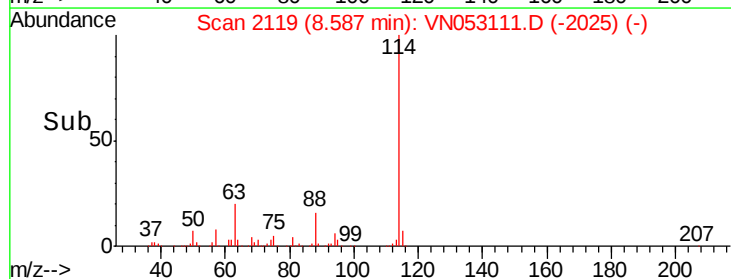
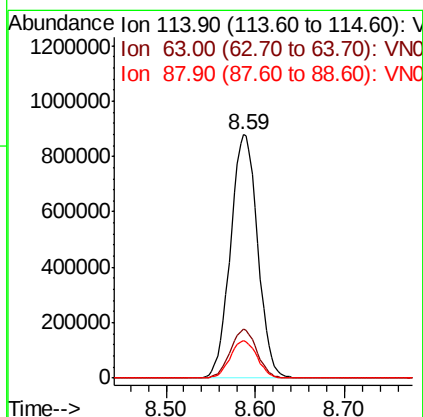
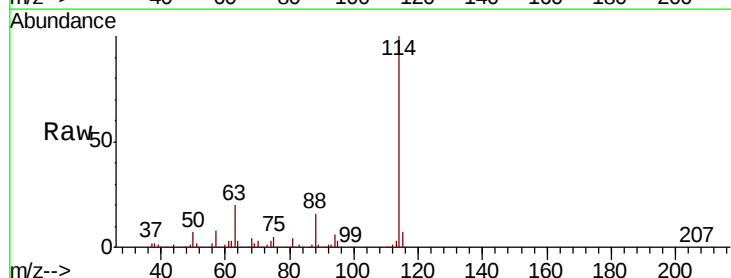
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD003-0612-01ME

Tot Ion: 65 Resp: 598411
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053111.D
 Acq: 21 Dec 2018 19:22

Tgt Ion: 114 Resp: 1852657
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.5 0.0 31.0

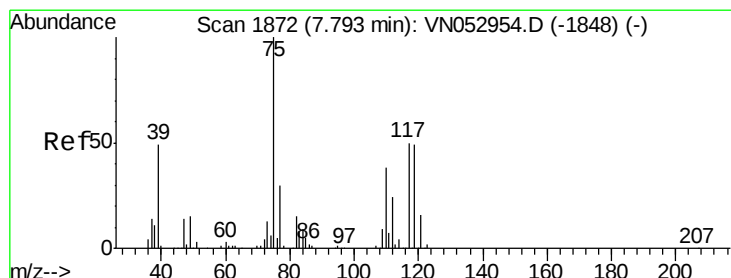
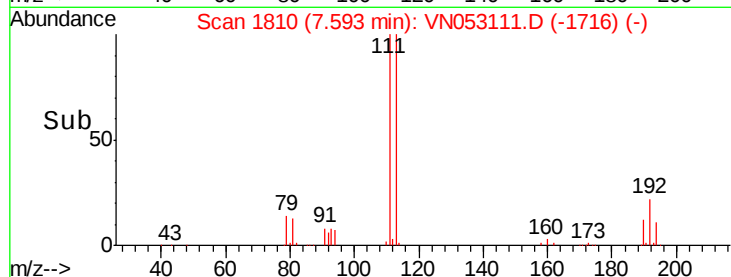
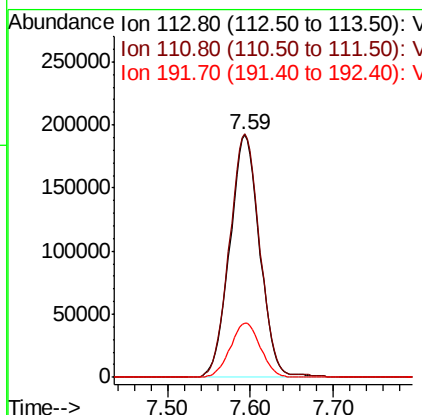
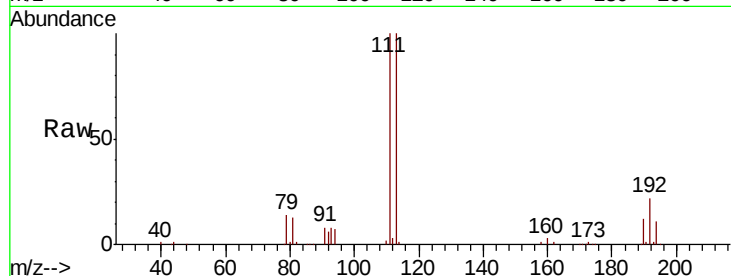




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053111.D
 Acq: 21 Dec 2018 19:22

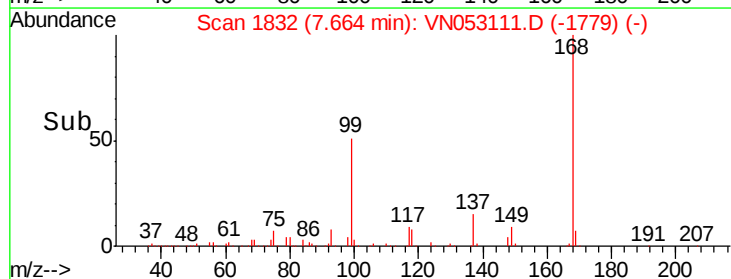
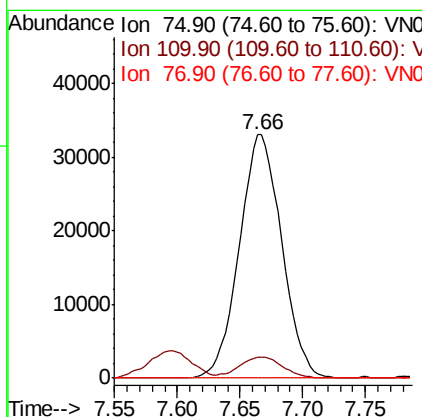
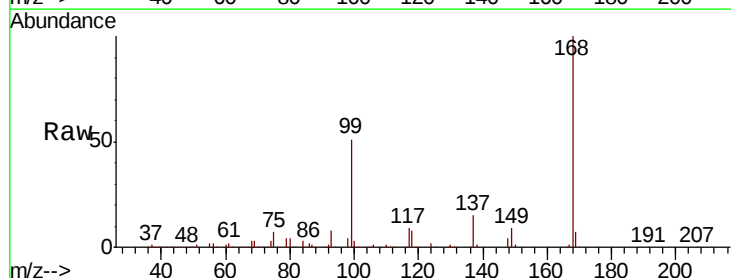
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD003-0612-01ME

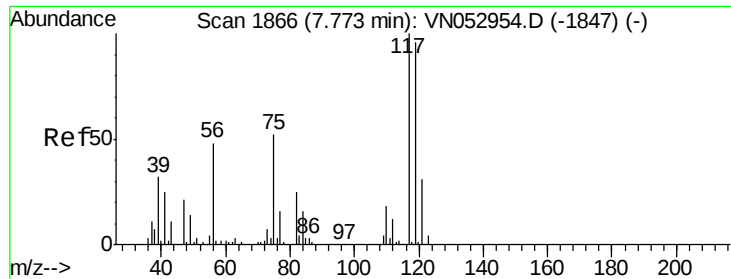
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.0	124.4
192	22.7	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.360 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053111.D
 Acq: 21 Dec 2018 19:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.2	54.6#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.438 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053111.D

Acq: 21 Dec 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

P001-SD003-0612-01ME

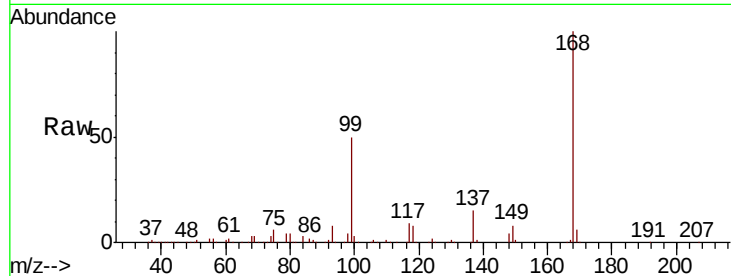
Tot Ion:117 Resp: 104926

Ion Ratio Lower Upper

117 100

119 5.0 77.1 115.7#

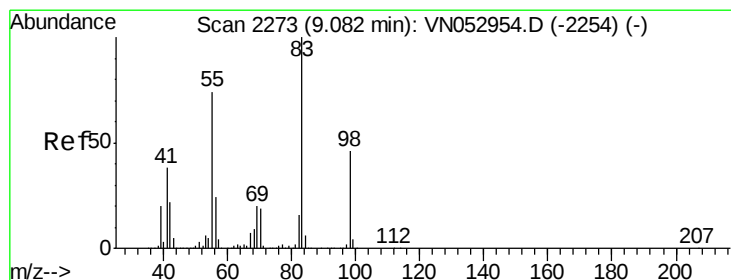
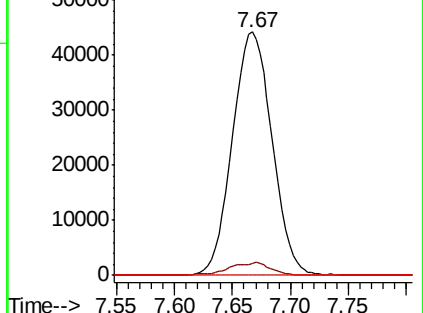
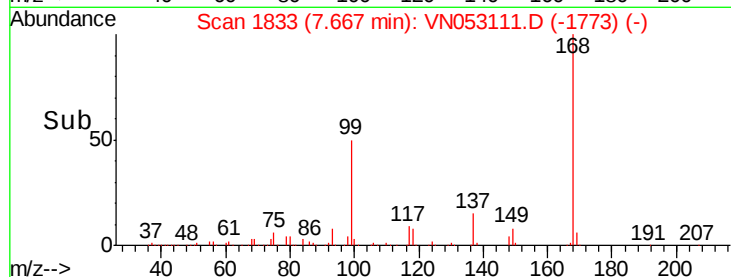
121 0.0 24.9 37.3#



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



#39

Methylcyclohexane

Concen: 1.100 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN053111.D

Acq: 21 Dec 2018 19:22

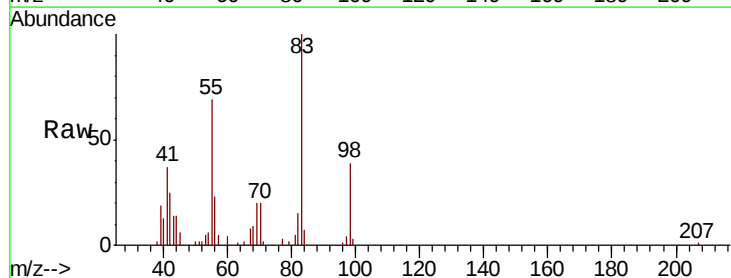
Tgt Ion: 83 Resp: 23769

Ion Ratio Lower Upper

83 100

55 69.2 61.3 91.9

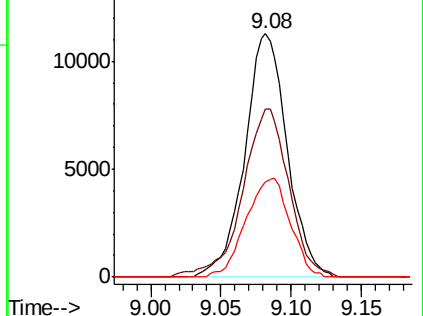
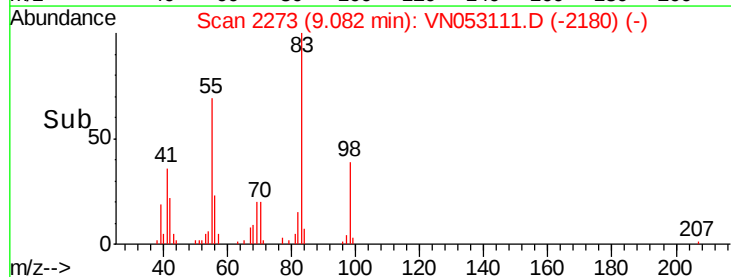
98 39.2 37.0 55.4

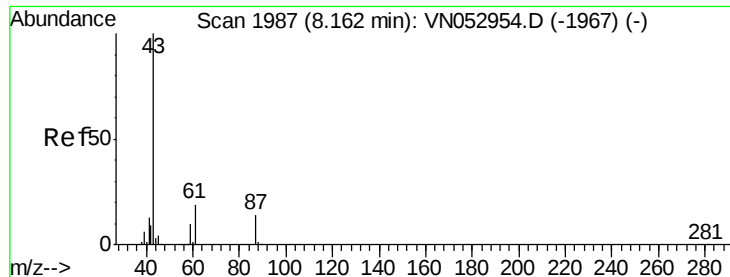


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#43

Isopropyl Acetate

Concen: 6.988 ug/l

RT: 8.33 min Scan# 2039

Delta R.T. 0.17 min

Lab File: VN053111.D

Acq: 21 Dec 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

P001-SD003-0612-01ME

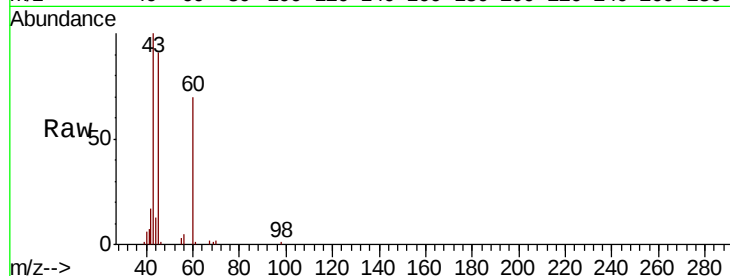
Tot Ion: 43 Resp: 151503

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

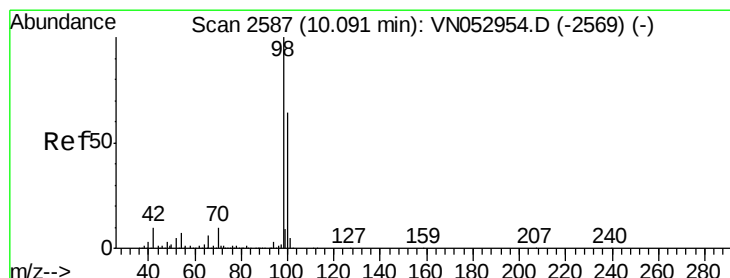
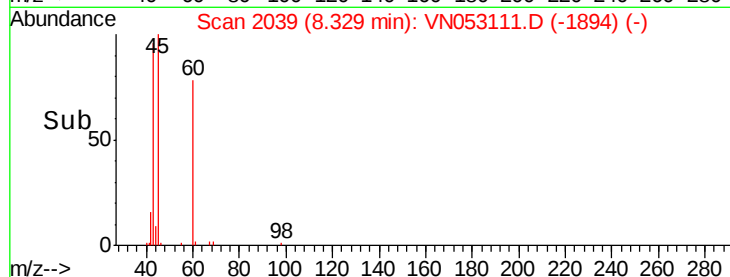
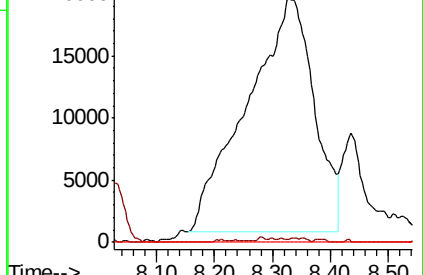
87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052954.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052954.D (-1967) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053111.D

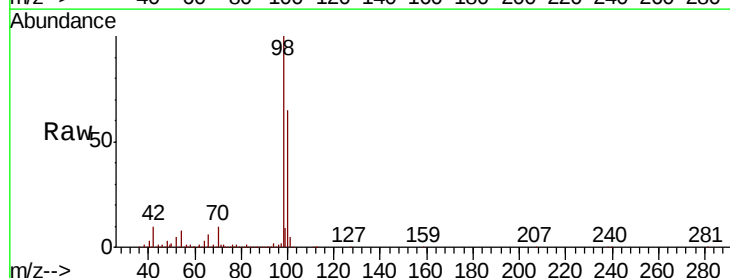
Acq: 21 Dec 2018 19:22

Tgt Ion: 98 Resp: 2272107

Ion Ratio Lower Upper

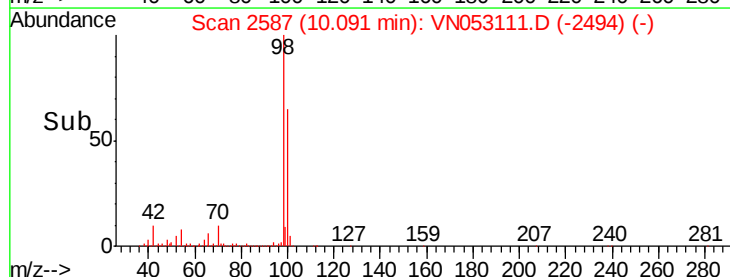
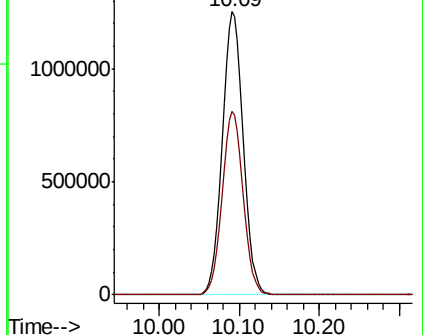
98 100

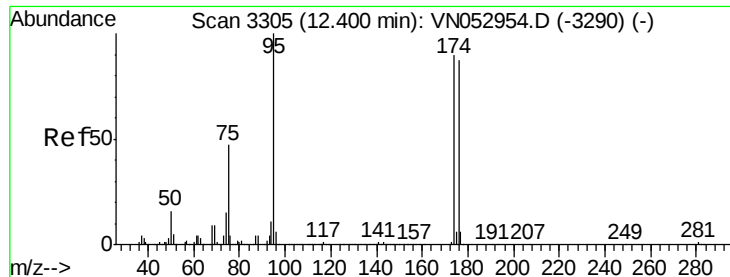
100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN052954.D (-2569) (-)

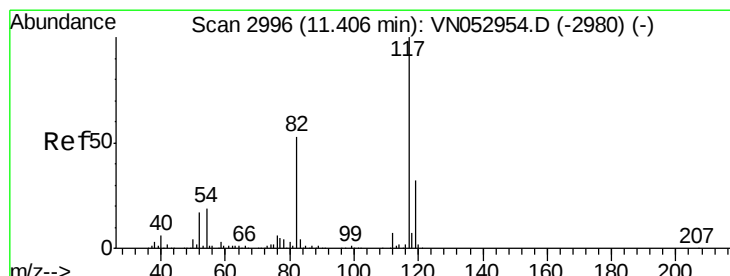
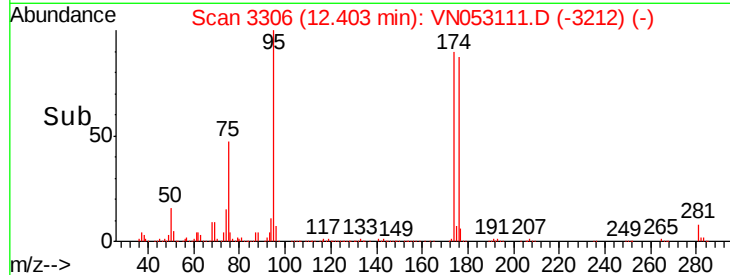
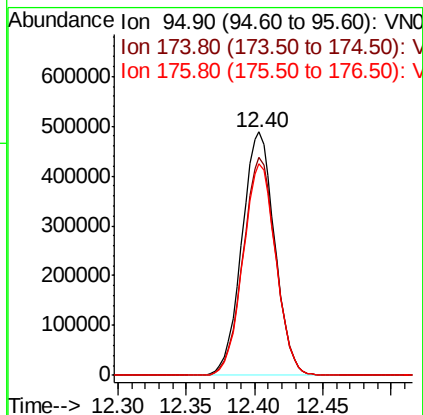
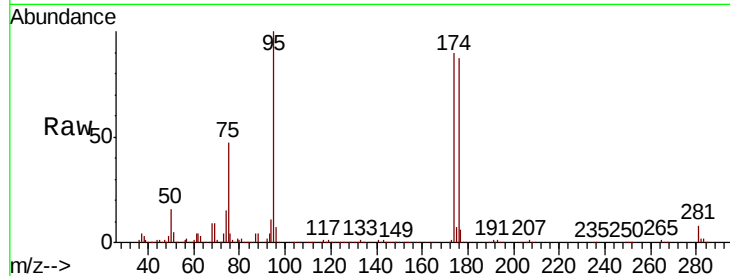




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053111.D
Acq: 21 Dec 2018 19:22

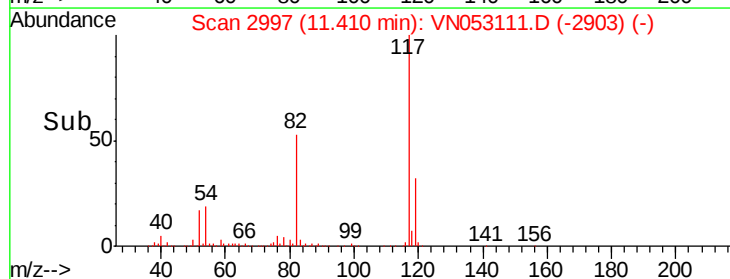
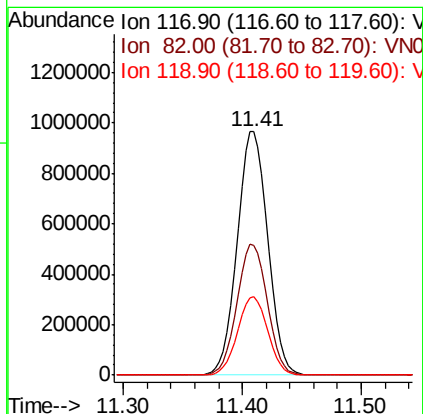
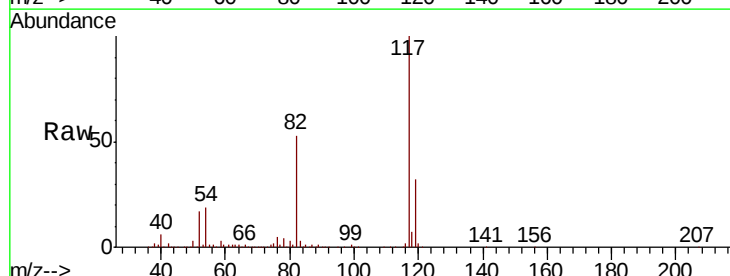
Instrument :
MSVOA_N
ClientSampleId :
P001-SD003-0612-01ME

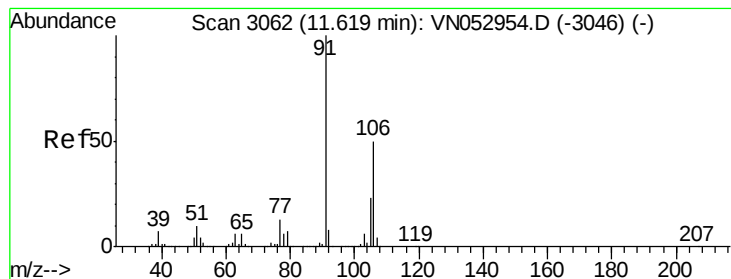
Tot Ion: 95 Resp: 812829
Ion Ratio Lower Upper
95 100
174 89.4 0.0 178.8
176 87.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053111.D
Acq: 21 Dec 2018 19:22

Tgt Ion: 117 Resp: 1716135
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 32.2 25.5 38.3





#68

m/p-Xvlenes

Concen: 0.782 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053111.D

Acq: 21 Dec 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

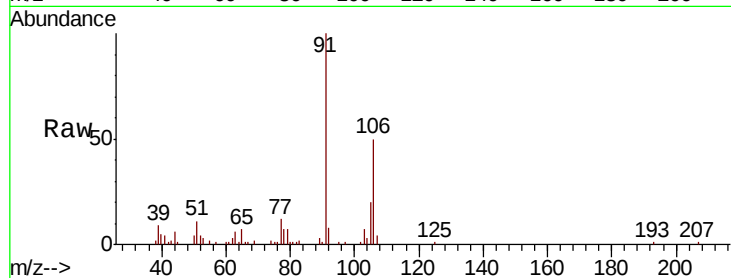
P001-SD003-0612-01ME

Tot Ion:106 Resp: 19442

Ion Ratio Lower Upper

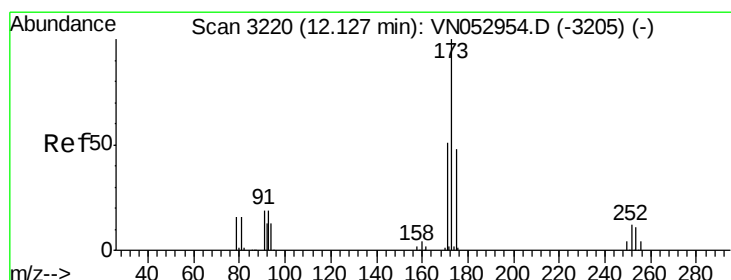
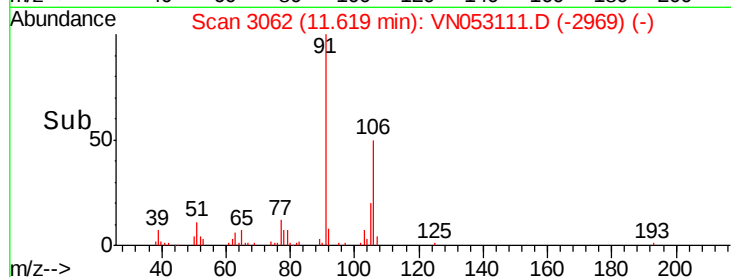
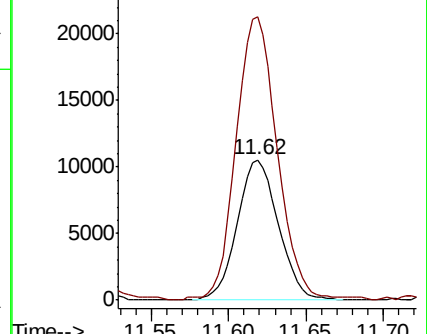
106 100

91 201.7 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#71

Bromoform

Concen: 0.519 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN053111.D

Acq: 21 Dec 2018 19:22

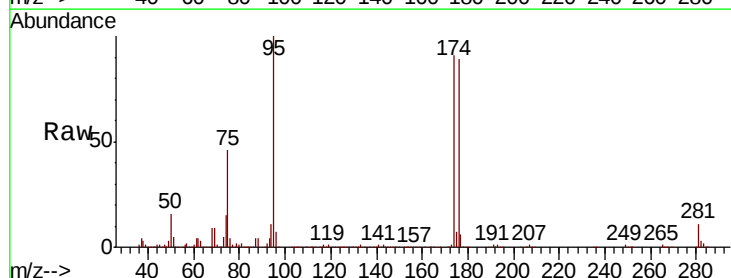
Tgt Ion:173 Resp: 4957

Ion Ratio Lower Upper

173 100

175 907.4 24.3 72.9#

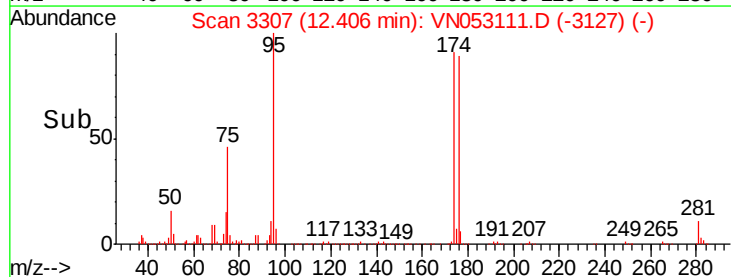
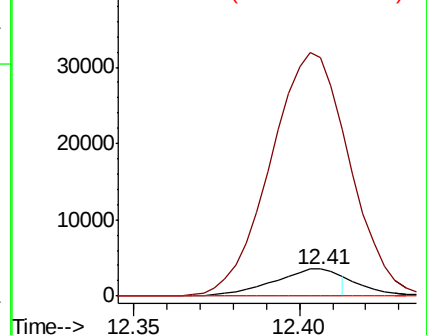
254 0.0 0.1 0.1#

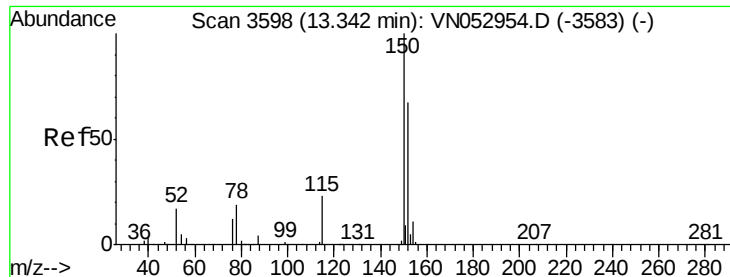


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053111.D

Acq: 21 Dec 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

P001-SD003-0612-01ME

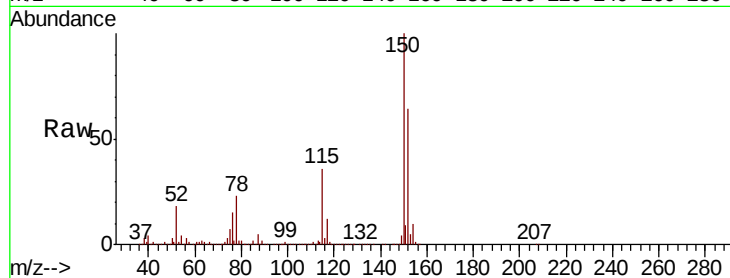
Tot Ion:152 Resp: 794581

Ion Ratio Lower Upper

152 100

115 56.1 28.3 85.0

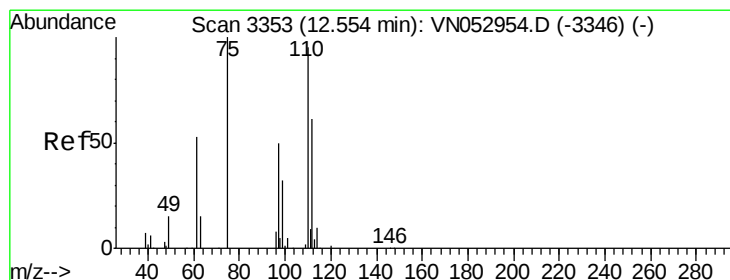
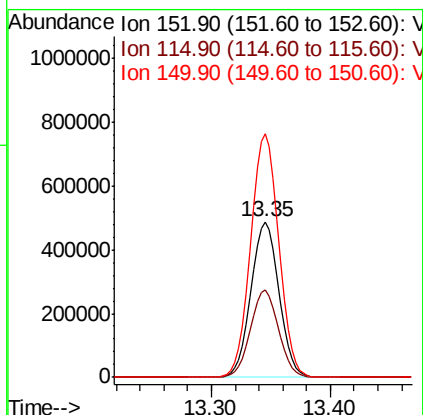
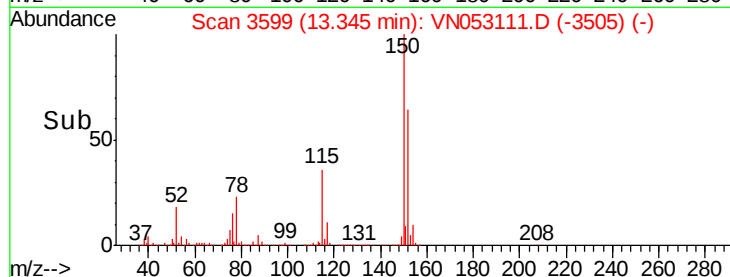
150 157.0 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 28.356 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053111.D

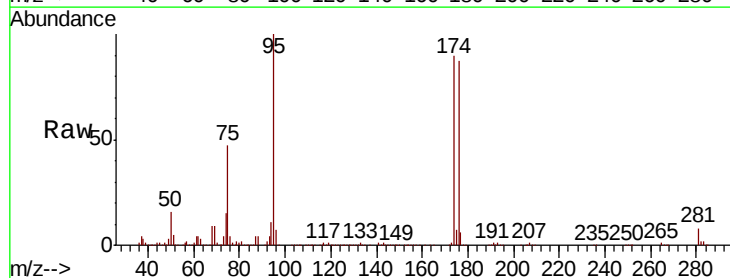
Acq: 21 Dec 2018 19:22

Tgt Ion: 75 Resp: 379283

Ion Ratio Lower Upper

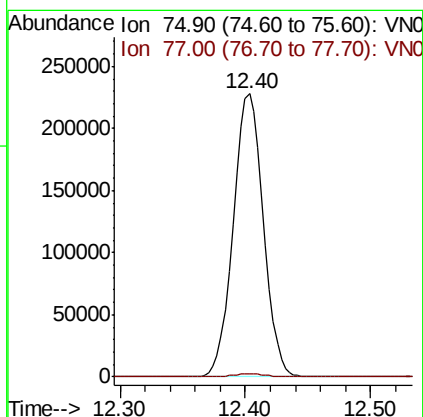
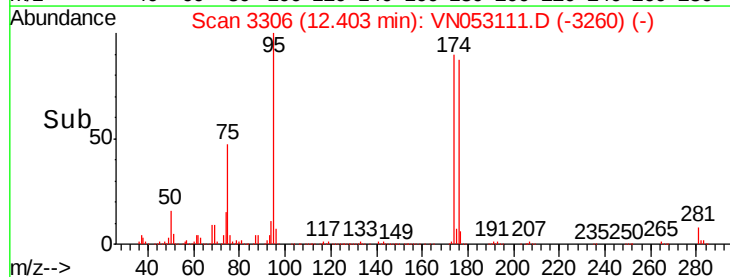
75 100

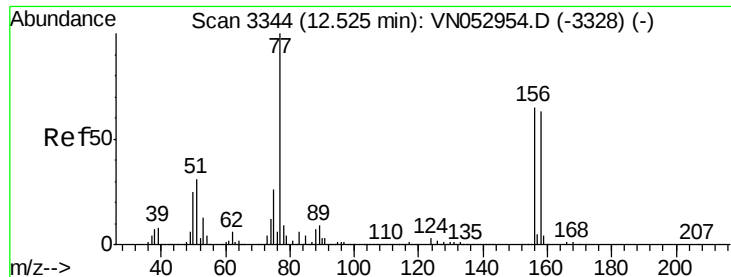
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#77

Bromobenzene

Concen: 0.689 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.03 min

Lab File: VN053111.D

Acq: 21 Dec 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

P001-SD003-0612-01ME

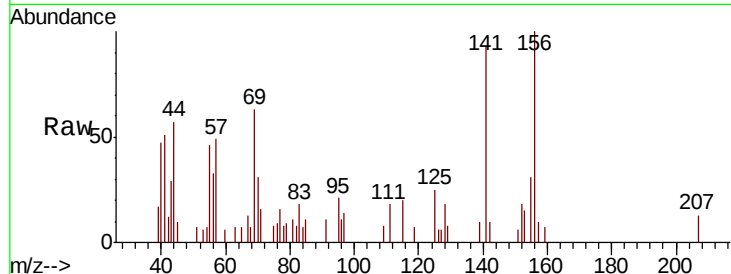
Tot Ion:156 Resp: 11128

Ion Ratio Lower Upper

156 100

77 0.0 91.3 273.8#

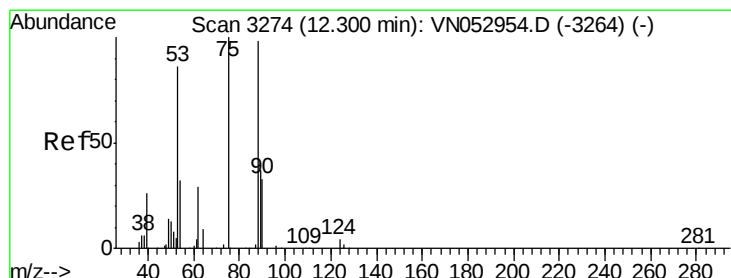
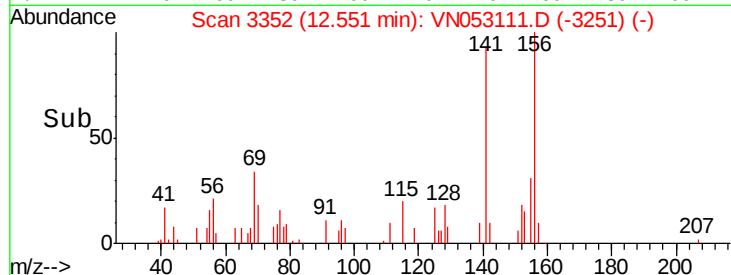
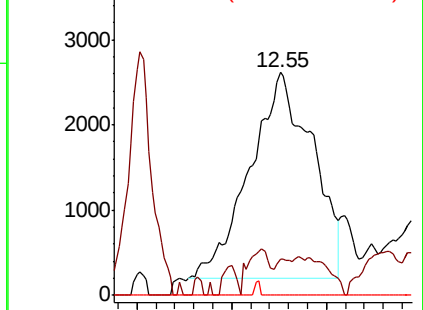
158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 91.393 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053111.D

Acq: 21 Dec 2018 19:22

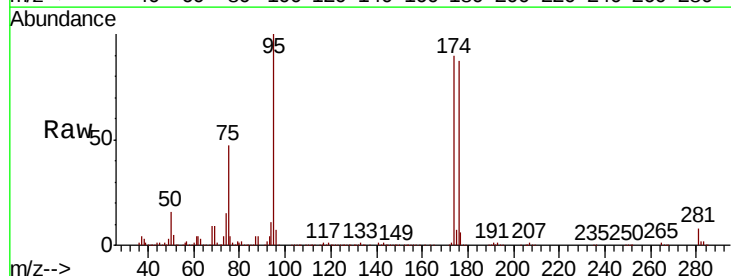
Tgt Ion: 75 Resp: 379283

Ion Ratio Lower Upper

75 100

53 0.1 74.7 112.1#

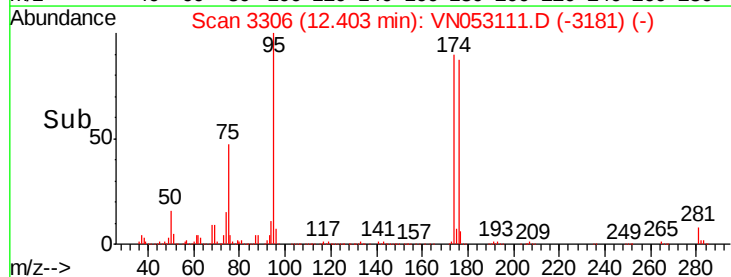
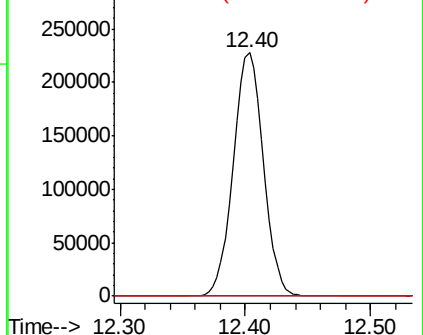
89 0.0 36.1 54.1#

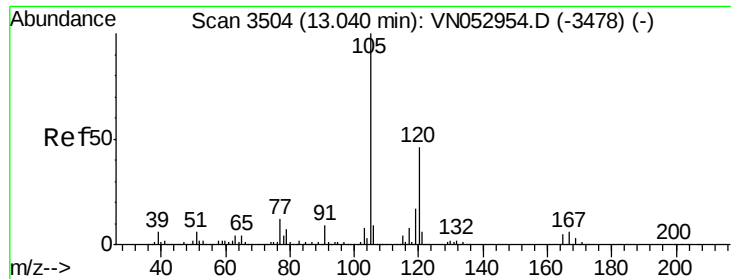


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

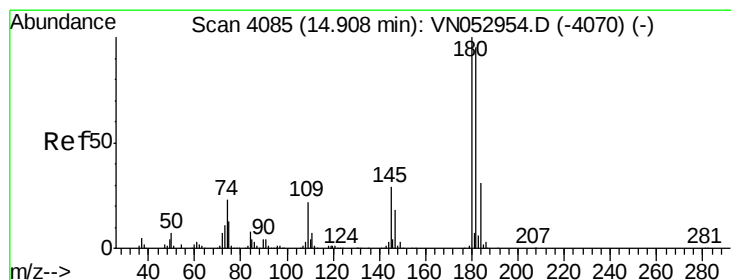
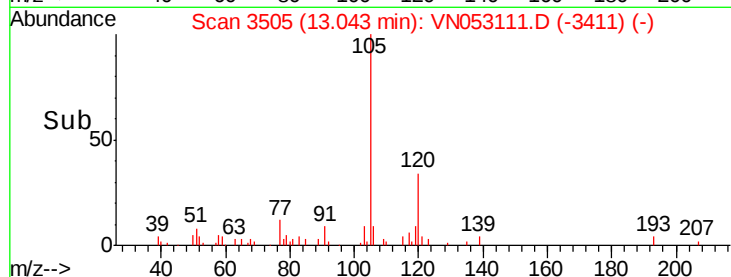
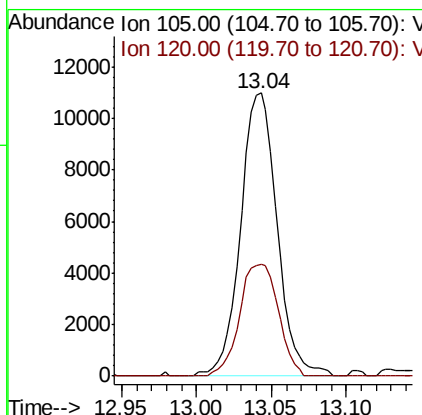
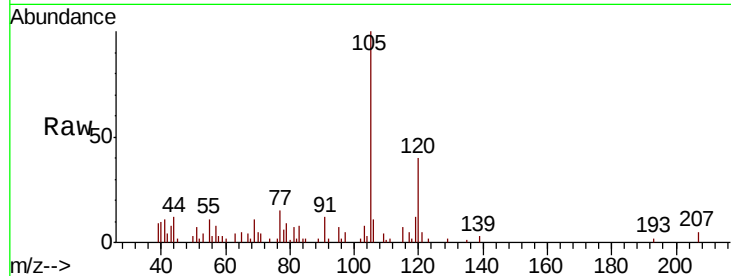




#84
 1,2,4-Trimethylbenzene
 Concen: 0.367 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN053111.D
 Acq: 21 Dec 2018 19:22

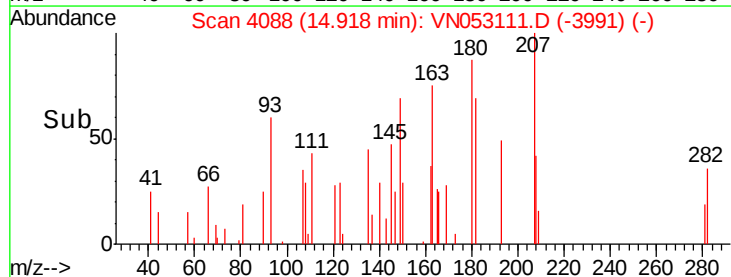
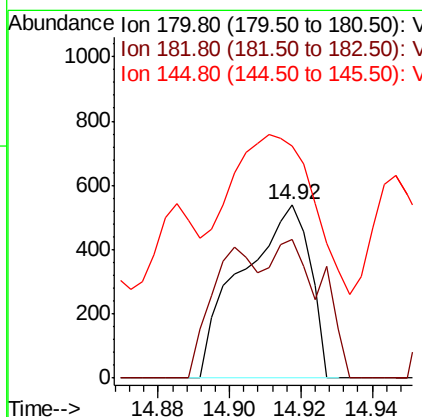
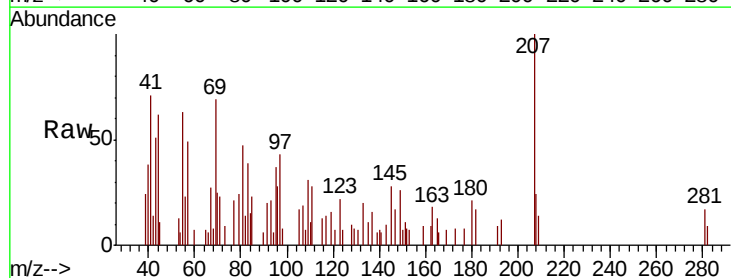
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD003-0612-01ME

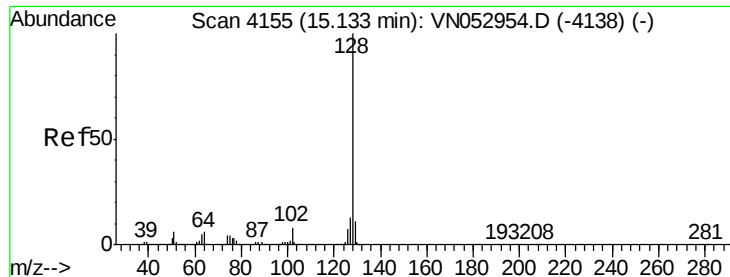
Tot Ion:105 Resp: 18684
 Ion Ratio Lower Upper
 105 100
 120 41.8 22.9 68.8



#93
 1,2,4-Trichlorobenzene
 Concen: 0.645 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.01 min
 Lab File: VN053111.D
 Acq: 21 Dec 2018 19:22

Tgt Ion:180 Resp: 712
 Ion Ratio Lower Upper
 180 100
 182 51.0 47.8 143.3
 145 146.3 14.2 42.6#





#95

Naphthalene

Concen: 1.328 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN053111.D

Acq: 21 Dec 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

P001-SD003-0612-01ME

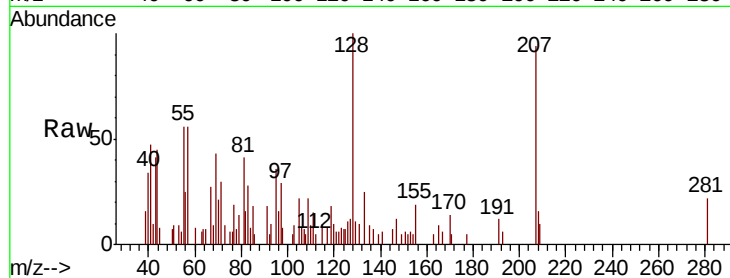
Tot Ion:128 Resp: 5789

Ion Ratio Lower Upper

128 100

127 23.5 10.2 15.4#

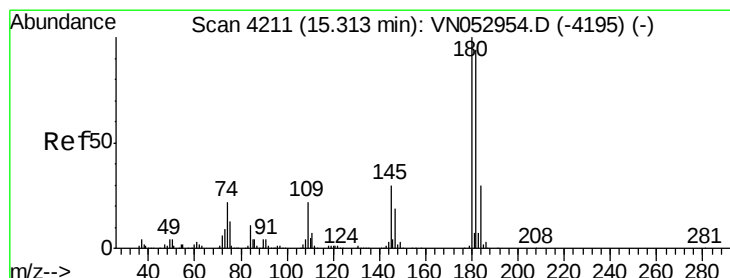
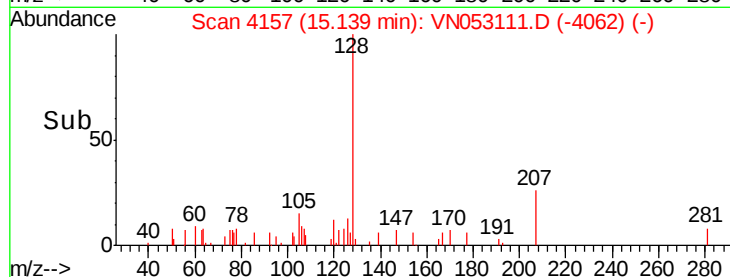
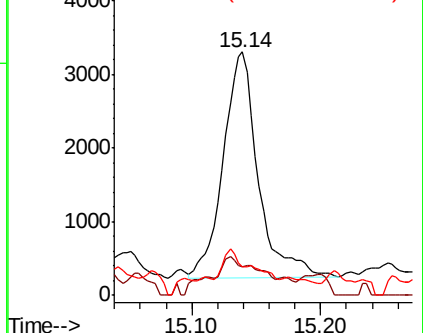
129 9.4 8.6 13.0



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: 0.572 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN053111.D

Acq: 21 Dec 2018 19:22

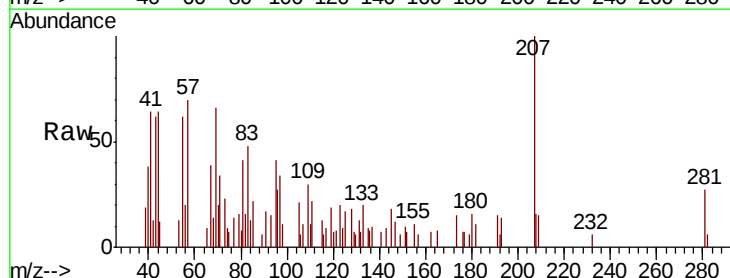
Tgt Ion:180 Resp: 832

Ion Ratio Lower Upper

180 100

182 73.9 47.9 143.7

145 24.3 15.0 45.0



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

