

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020119\
 Data File : VN053575.D
 Acq On : 1 Feb 2019 14:41
 Operator : JC/SP
 Sample : K1297-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-30-19

Quant Time: Feb 01 22:49:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	743031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1197646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1057267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	416418	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	384468	51.58	ug/l	0.00
Spiked Amount						
			Recovery	=	103.16%	
35) Dibromofluoromethane	7.59	113	385523	50.94	ug/l	0.00
Spiked Amount						
			Recovery	=	101.88%	
50) Toluene-d8	10.09	98	1426697	50.21	ug/l	0.00
Spiked Amount						
			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.40	95	450957	47.59	ug/l	0.00
Spiked Amount						
			Recovery	=	95.18%	

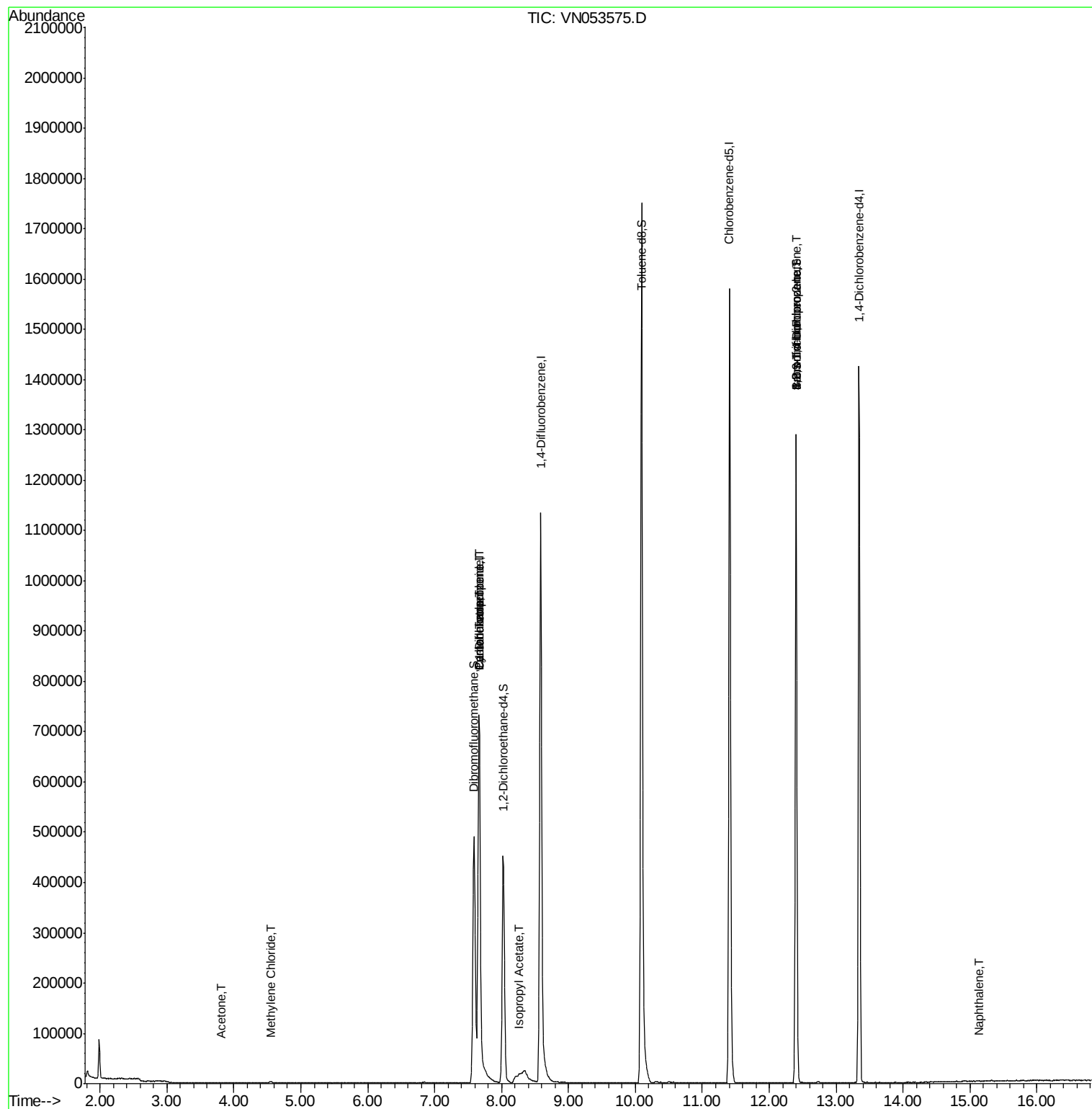
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.81	43	496	0.259	ug/l	99
20) Methylene Chloride	4.55	84	2137	0.266	ug/l #	81
31) Cyclohexane	7.66	56	10869	0.695	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	44254	4.099	ug/l #	49
38) Carbon Tetrachloride	7.67	117	58924	5.418	ug/l #	16
43) Isopropyl Acetate	8.26	43	24812	2.131	ug/l #	51
71) Bromoform	12.40	173	3329	0.619	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	211250	39.496	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	211250	111.060	ug/l #	15
95) Naphthalene	15.14	128	1616	1.822	ug/l #	69

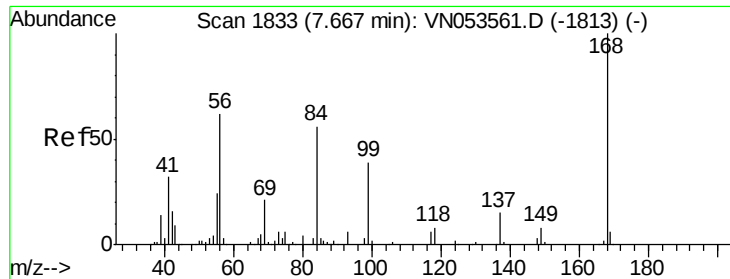
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053575.D

Acq: 1 Feb 2019 14:41

Instrument :

MSVOA_N

ClientSampled :

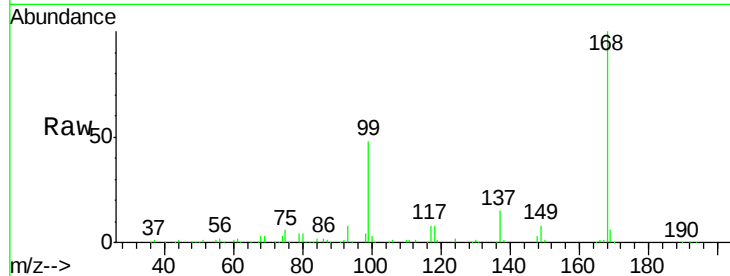
TB-01-30-19

Tot Ion:168 Resp: 743031

Ion Ratio Lower Upper

168 100

99 48.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

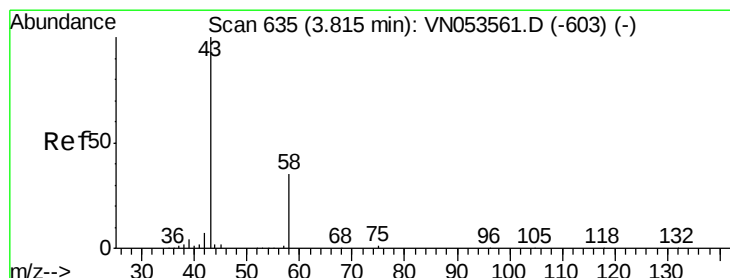
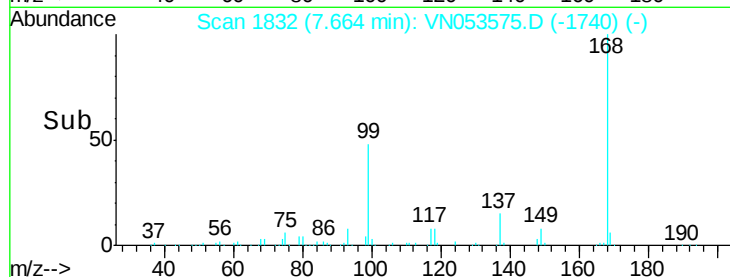
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 0.259 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053575.D

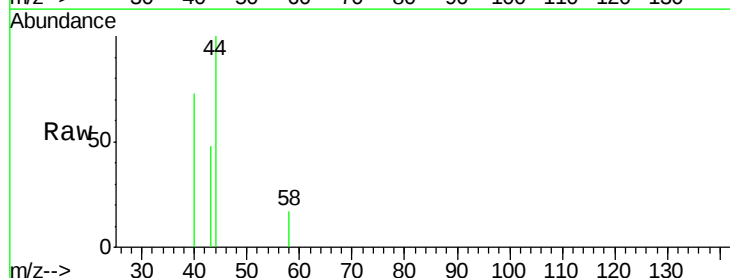
Acq: 1 Feb 2019 14:41

Tgt Ion: 43 Resp: 496

Ion Ratio Lower Upper

43 100

58 34.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

800

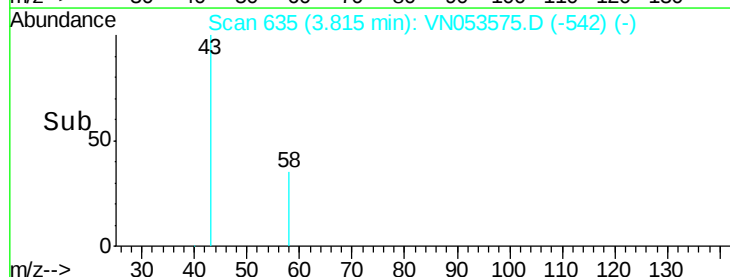
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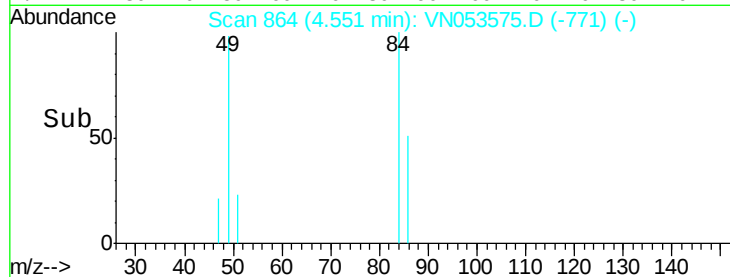
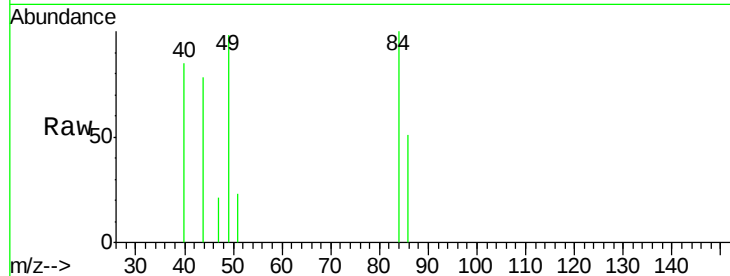
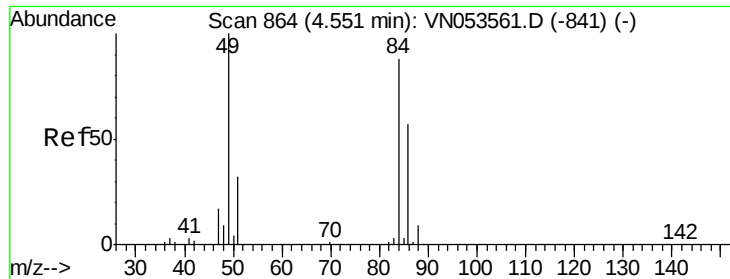
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200

0

Time-->

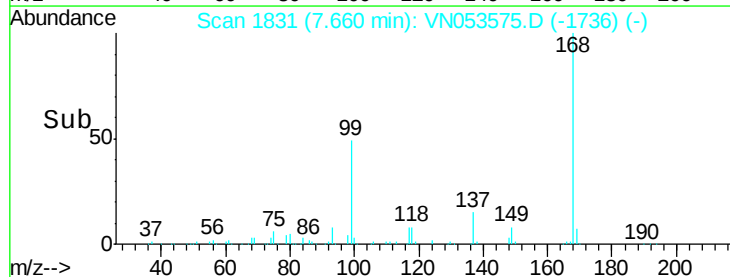
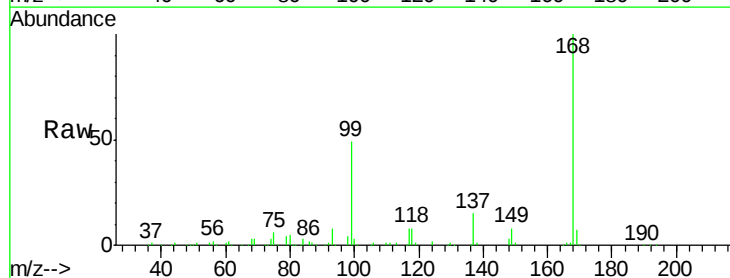
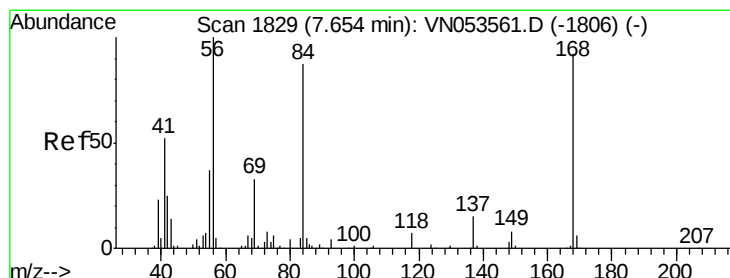
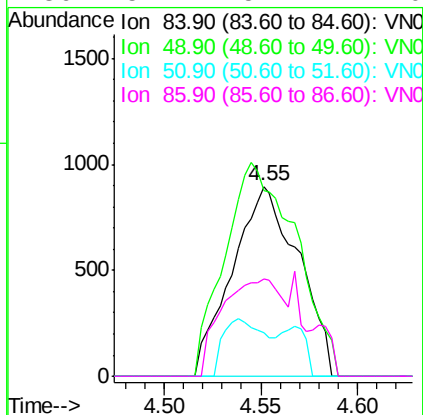




#20
Methvlene Chloride
Concen: 0.266 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053575.D
Acq: 1 Feb 2019 14:41

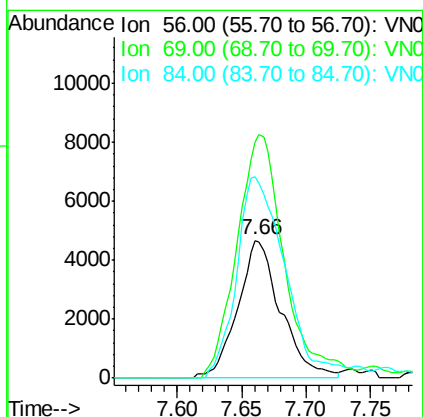
Instrument :
MSVOA_N
ClientSampleId :
TB-01-30-19

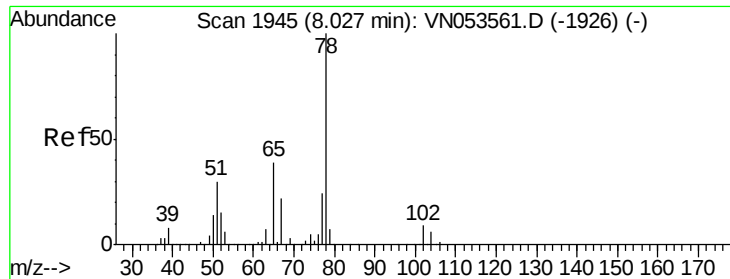
Tot Ion: 84 Resp: 2137
Ion Ratio Lower Upper
84 100
49 97.7 94.3 141.5
51 23.1 29.4 44.2#
86 51.4 51.4 77.0



#31
Cyclohexane
Concen: 0.695 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN053575.D
Acq: 1 Feb 2019 14:41

Tgt Ion: 56 Resp: 10869
Ion Ratio Lower Upper
56 100
69 171.8 26.4 39.6#
84 146.5 67.9 101.9#

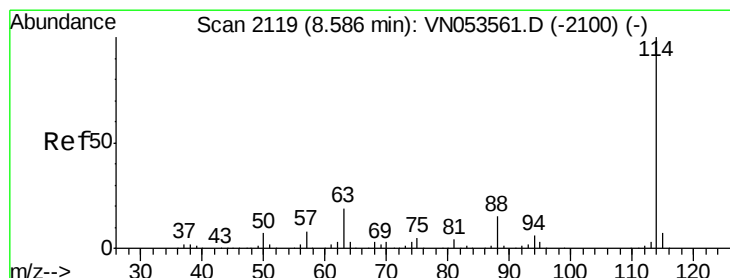
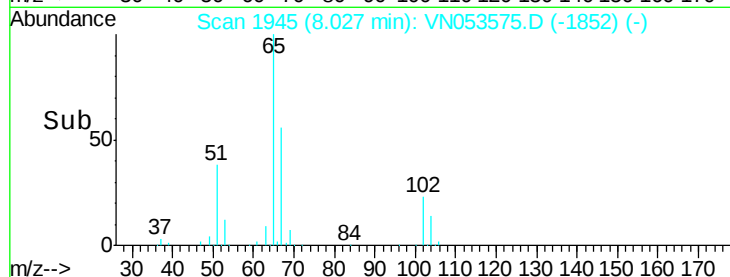
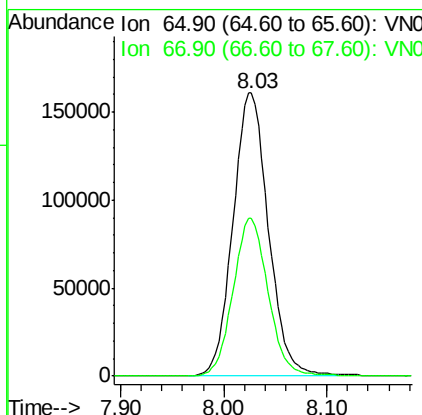
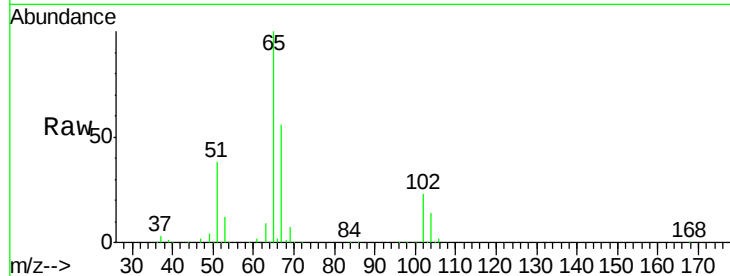




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053575.D
 Acq: 1 Feb 2019 14:41

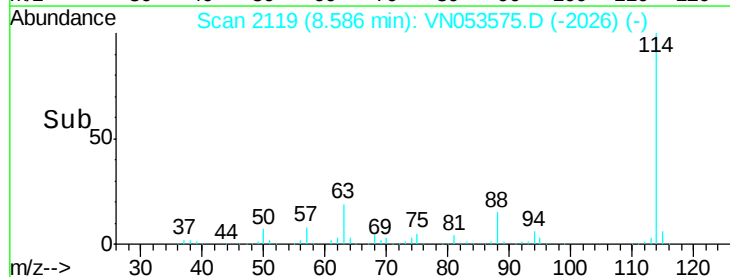
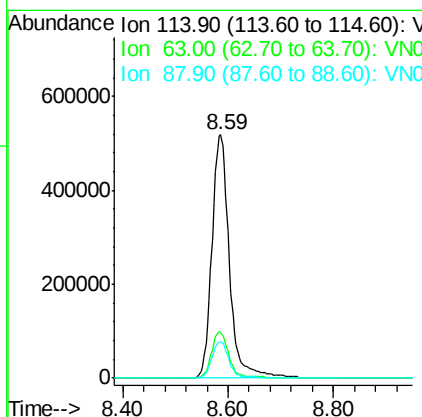
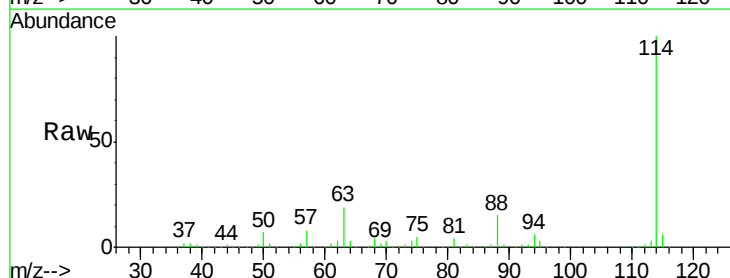
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-30-19

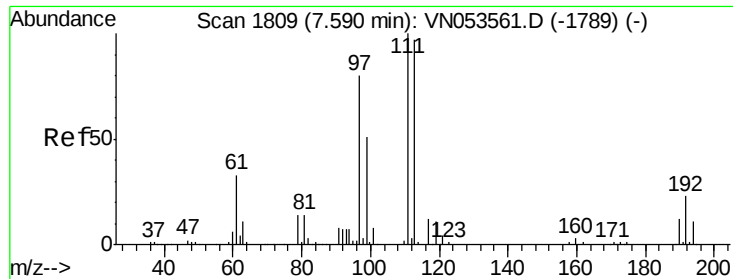
Tot Ion: 65 Resp: 384468
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053575.D
 Acq: 1 Feb 2019 14:41

Tgt Ion: 114 Resp: 1197646
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.6
 88 15.0 0.0 30.4

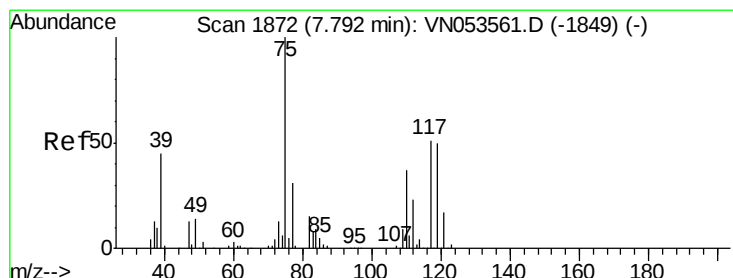
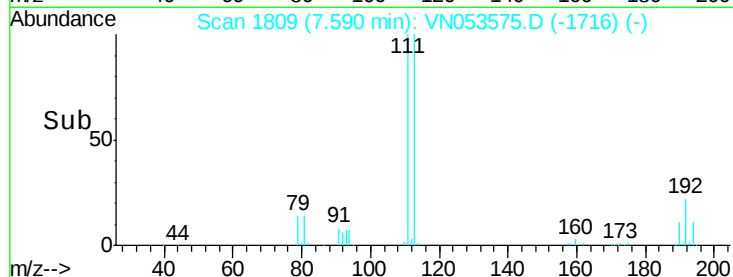
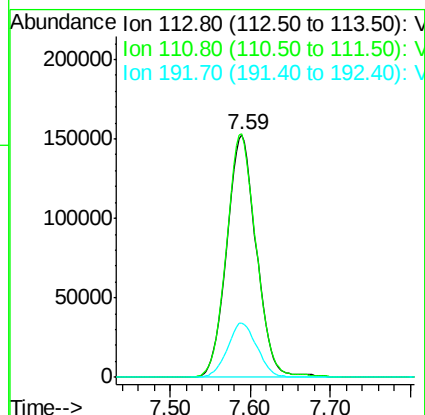
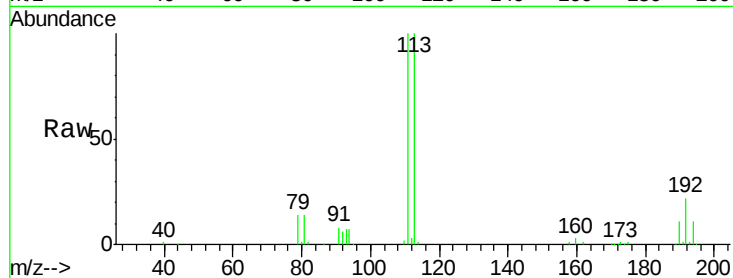




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053575.D
 Acq: 1 Feb 2019 14:41

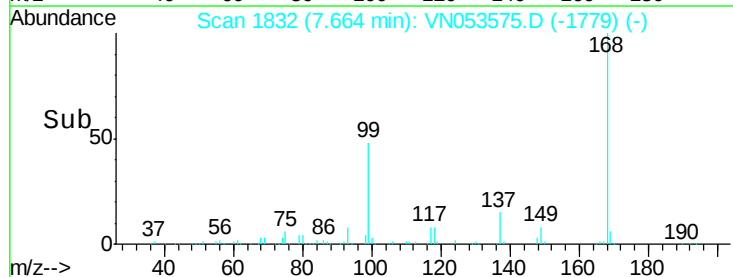
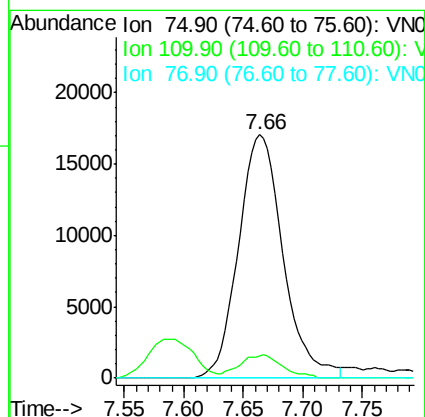
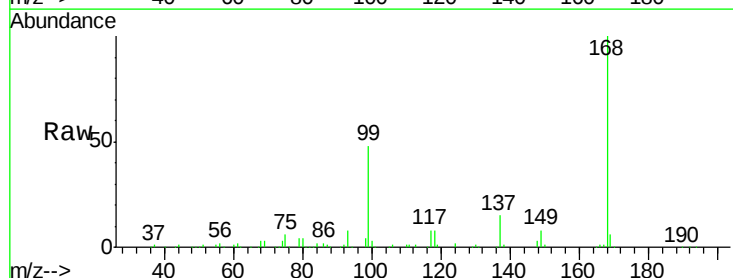
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-30-19

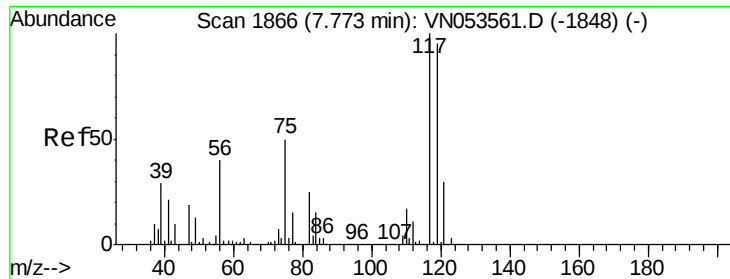
Tot Ion:113 Resp: 385523
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.1 121.7
 192 22.6 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 4.099 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053575.D
 Acq: 1 Feb 2019 14:41

Tgt Ion: 75 Resp: 44254
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.1 54.3#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.418 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053575.D

Acq: 1 Feb 2019 14:41

Instrument :

MSVOA_N

ClientSampled :

TB-01-30-19

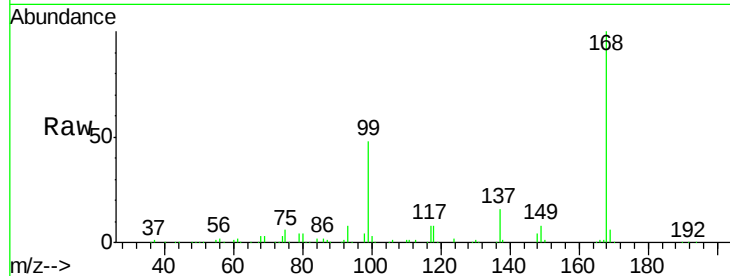
Tot Ion:117 Resp: 58924

Ion Ratio Lower Upper

117 100

119 5.7 77.2 115.8#

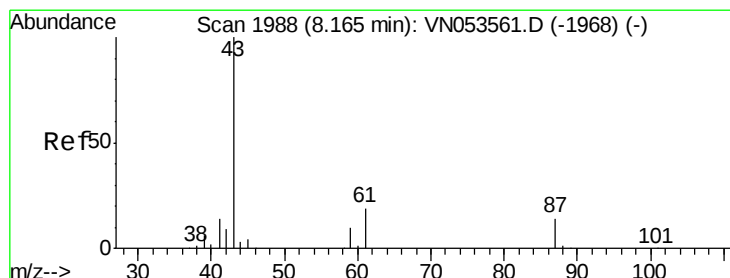
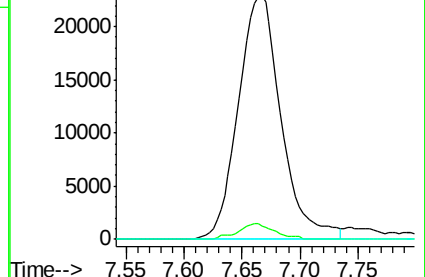
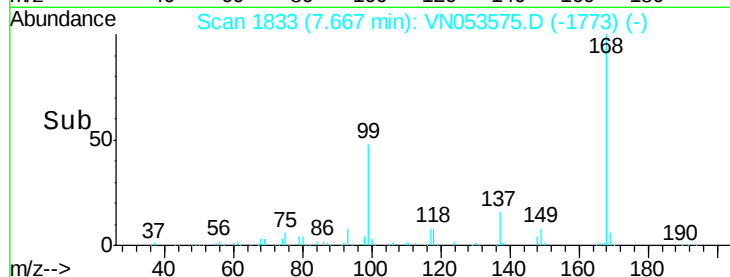
121 0.0 24.6 37.0#



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: 2.131 ug/l

RT: 8.26 min Scan# 2016

Delta R.T. 0.09 min

Lab File: VN053575.D

Acq: 1 Feb 2019 14:41

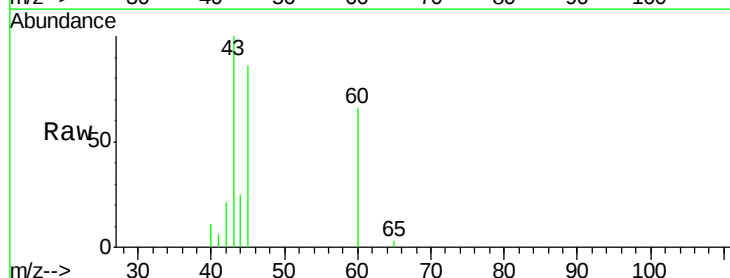
Tgt Ion: 43 Resp: 24812

Ion Ratio Lower Upper

43 100

61 0.0 23.9 35.9#

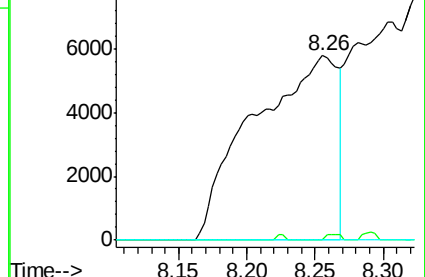
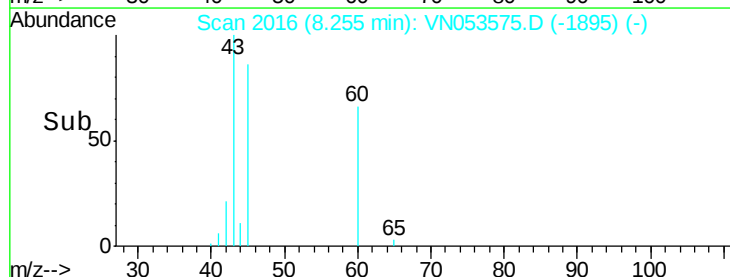
87 0.0 11.0 16.6#

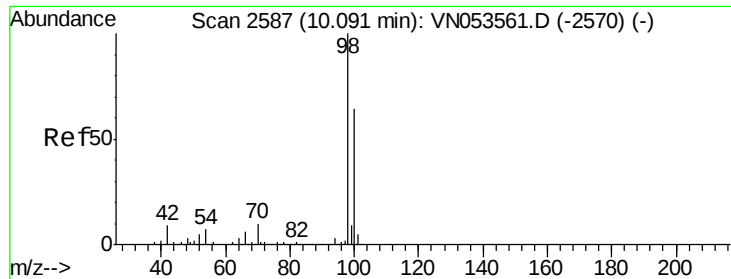


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053575.D

Acq: 1 Feb 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

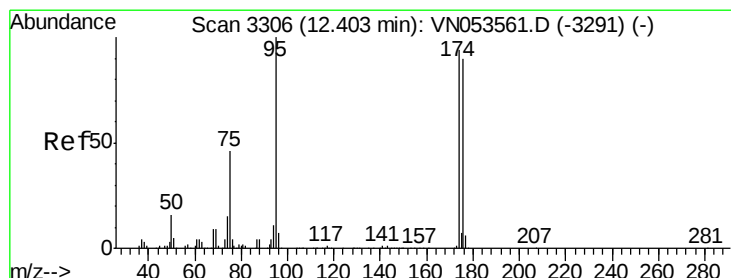
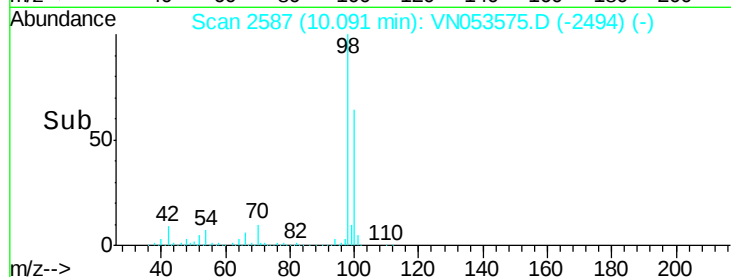
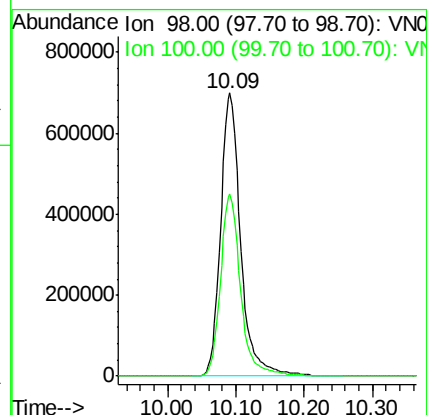
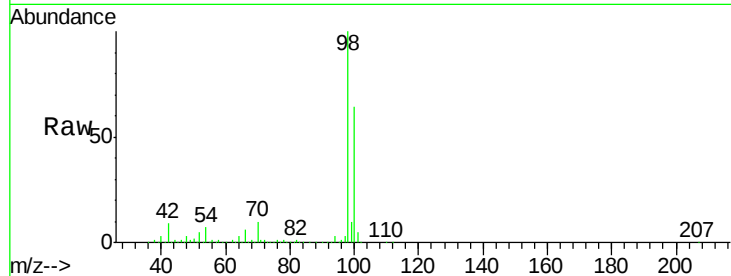
TB-01-30-19

Tot Ion: 98 Resp: 1426697

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053575.D

Acq: 1 Feb 2019 14:41

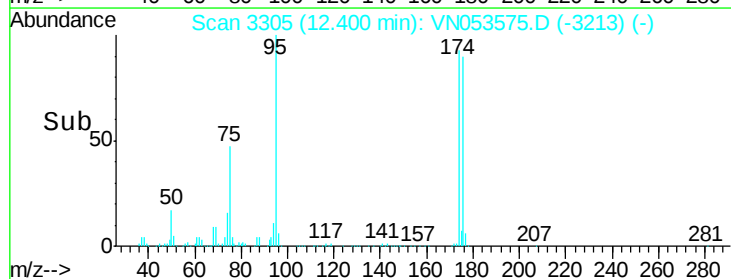
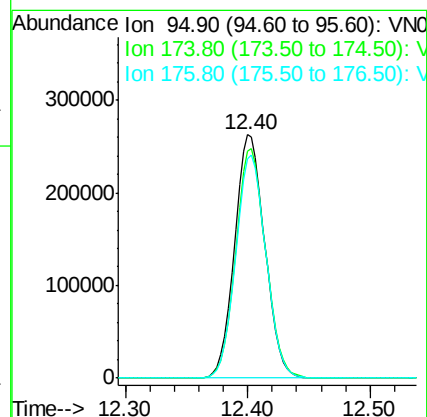
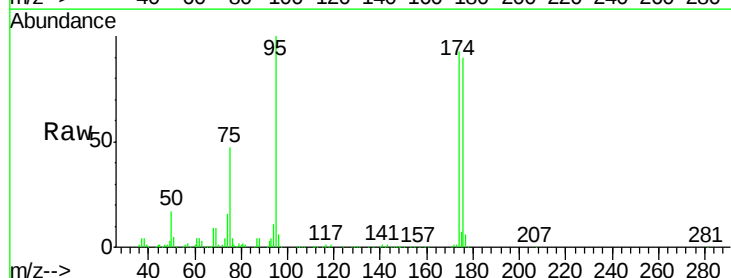
Tgt Ion: 95 Resp: 450957

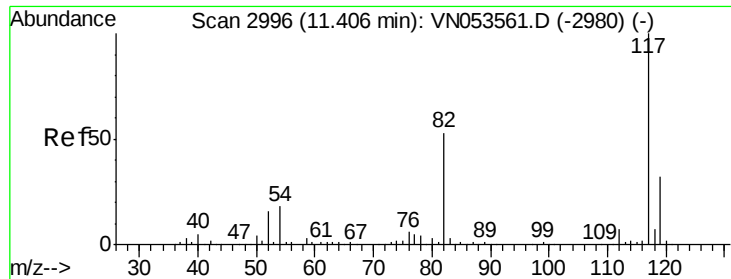
Ion Ratio Lower Upper

95 100

174 93.8 0.0 183.2

176 91.6 0.0 177.4

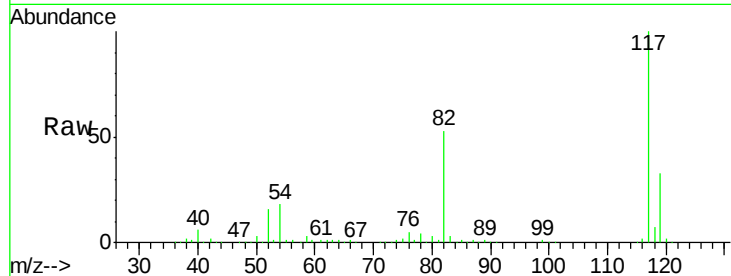




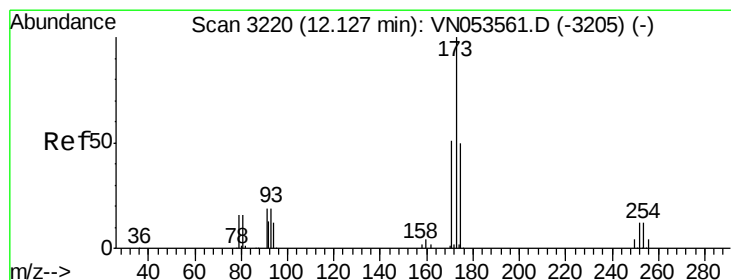
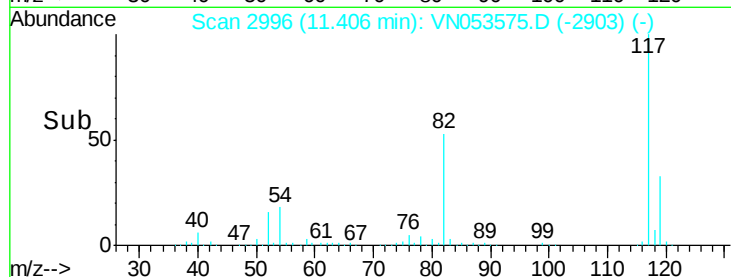
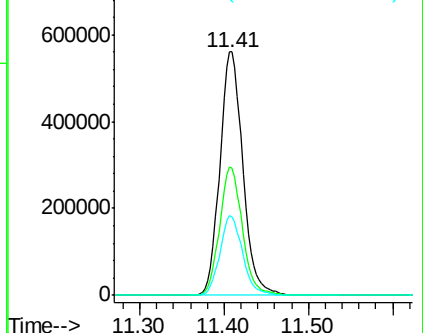
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053575.D
Acq: 1 Feb 2019 14:41

Instrument :
MSVOA_N
ClientSampled :
TB-01-30-19

Tot Ion:117 Resp: 1057267
Ion Ratio Lower Upper
117 100
82 52.8 42.9 64.3
119 32.6 26.0 39.0

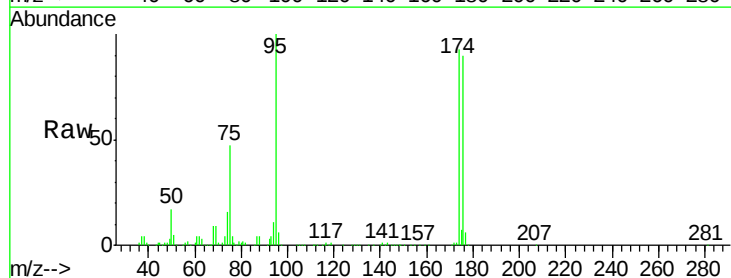


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

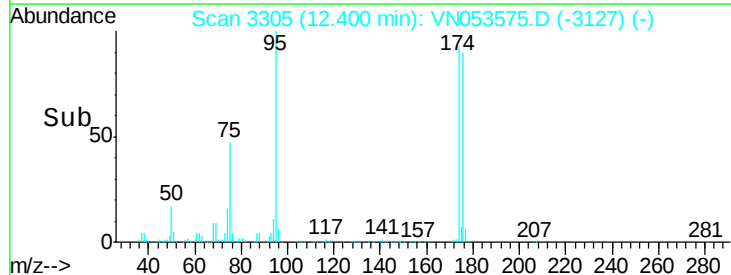
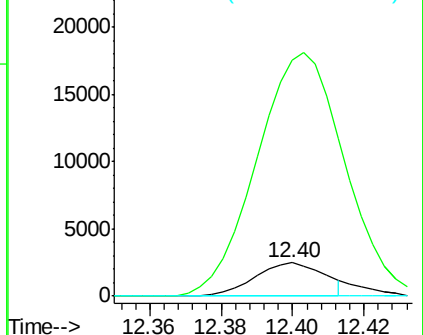


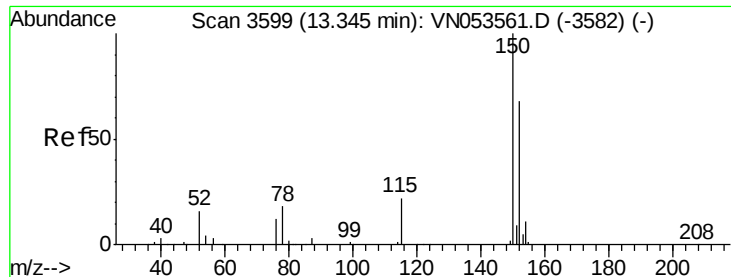
#71
Bromoform
Concen: 0.619 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053575.D
Acq: 1 Feb 2019 14:41

Tgt Ion:173 Resp: 3329
Ion Ratio Lower Upper
173 100
175 792.5 24.6 74.0#
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: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053575.D

Acq: 1 Feb 2019 14:41

Instrument :

MSVOA_N

ClientSampled :

TB-01-30-19

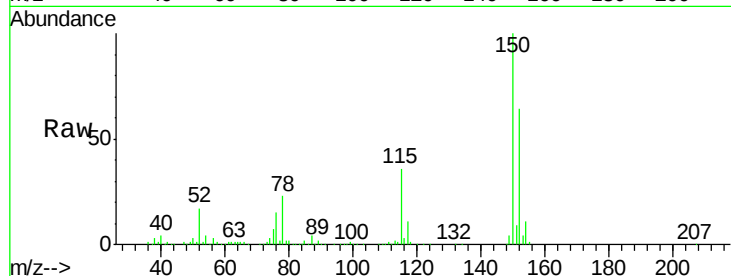
Tot Ion:152 Resp: 416418

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.4

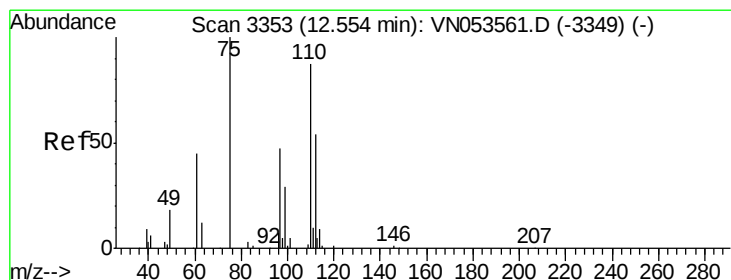
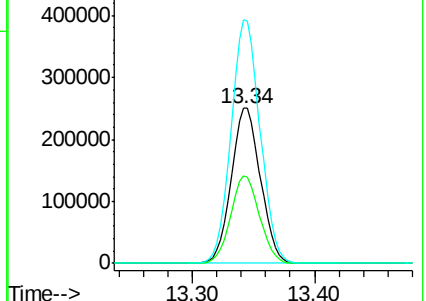
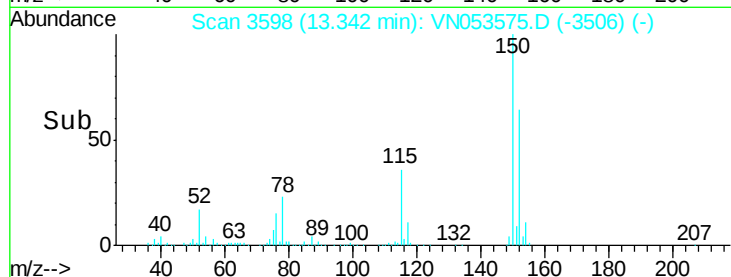
150 156.0 0.0 349.0



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: 39.496 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053575.D

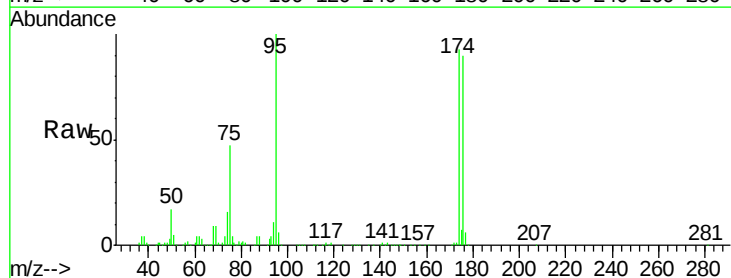
Acq: 1 Feb 2019 14:41

Tgt Ion: 75 Resp: 211250

Ion Ratio Lower Upper

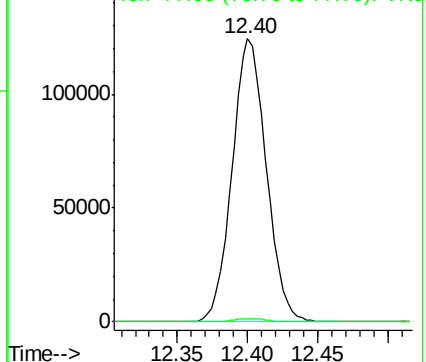
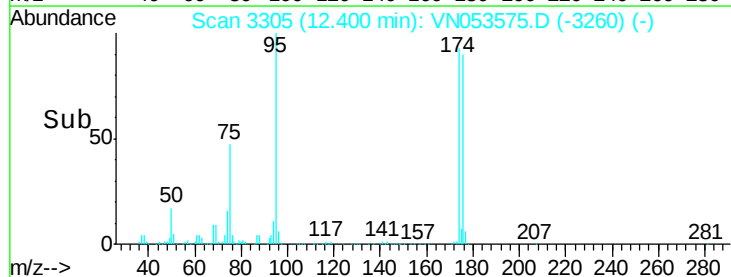
75 100

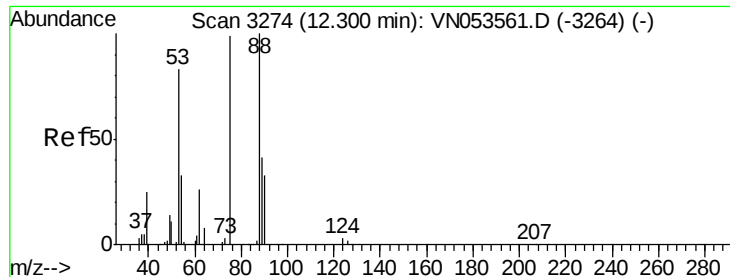
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 111.060 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053575.D

Acq: 1 Feb 2019 14:41

Instrument :

MSVOA_N

ClientSampled :

TB-01-30-19

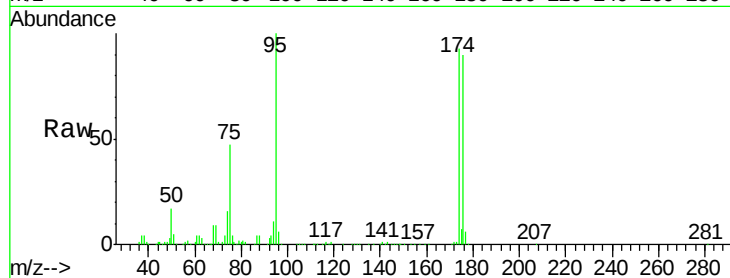
Tot Ion: 75 Resp: 211250

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VN053575.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN053575.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN053575.D (-3181) (-)

12.40

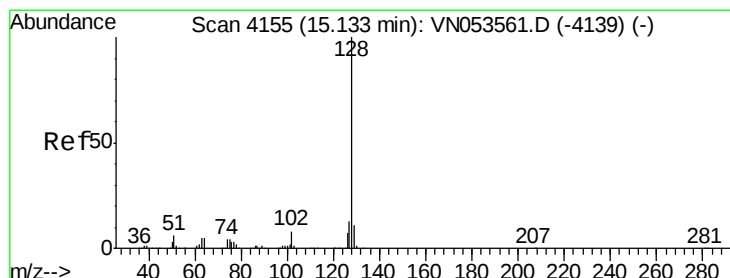
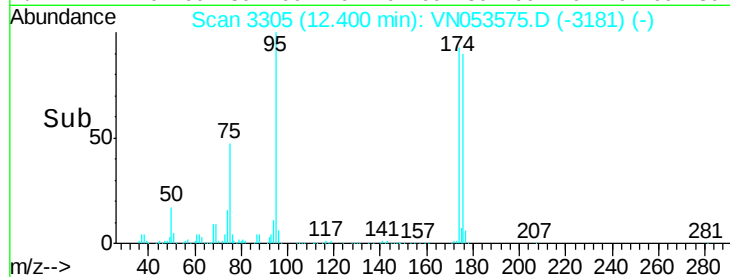
150000

100000

50000

0

Time-->



#95

Naphthalene

Concen: 1.822 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053575.D

Acq: 1 Feb 2019 14:41

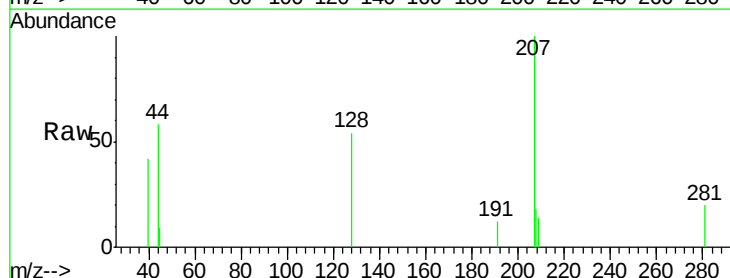
Tgt Ion: 128 Resp: 1616

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VN053575.D (-4061) (-)

Ion 127.00 (126.70 to 127.70): VN053575.D (-4061) (-)

Ion 129.00 (128.70 to 129.70): VN053575.D (-4061) (-)

15.14

1200

1000

800

600

400

200

0

Time-->

