

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012119\
 Data File : VN053496.D
 Acq On : 21 Jan 2019 10:32
 Operator : JC/SP
 Sample : VN0121MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBL01

Quant Time: Jan 22 04:02:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	825090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1291866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1199935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	532588	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	412192	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
35) Dibromofluoromethane	7.59	113	381899	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
50) Toluene-d8	10.09	98	1597058	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.40	95	533939	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	

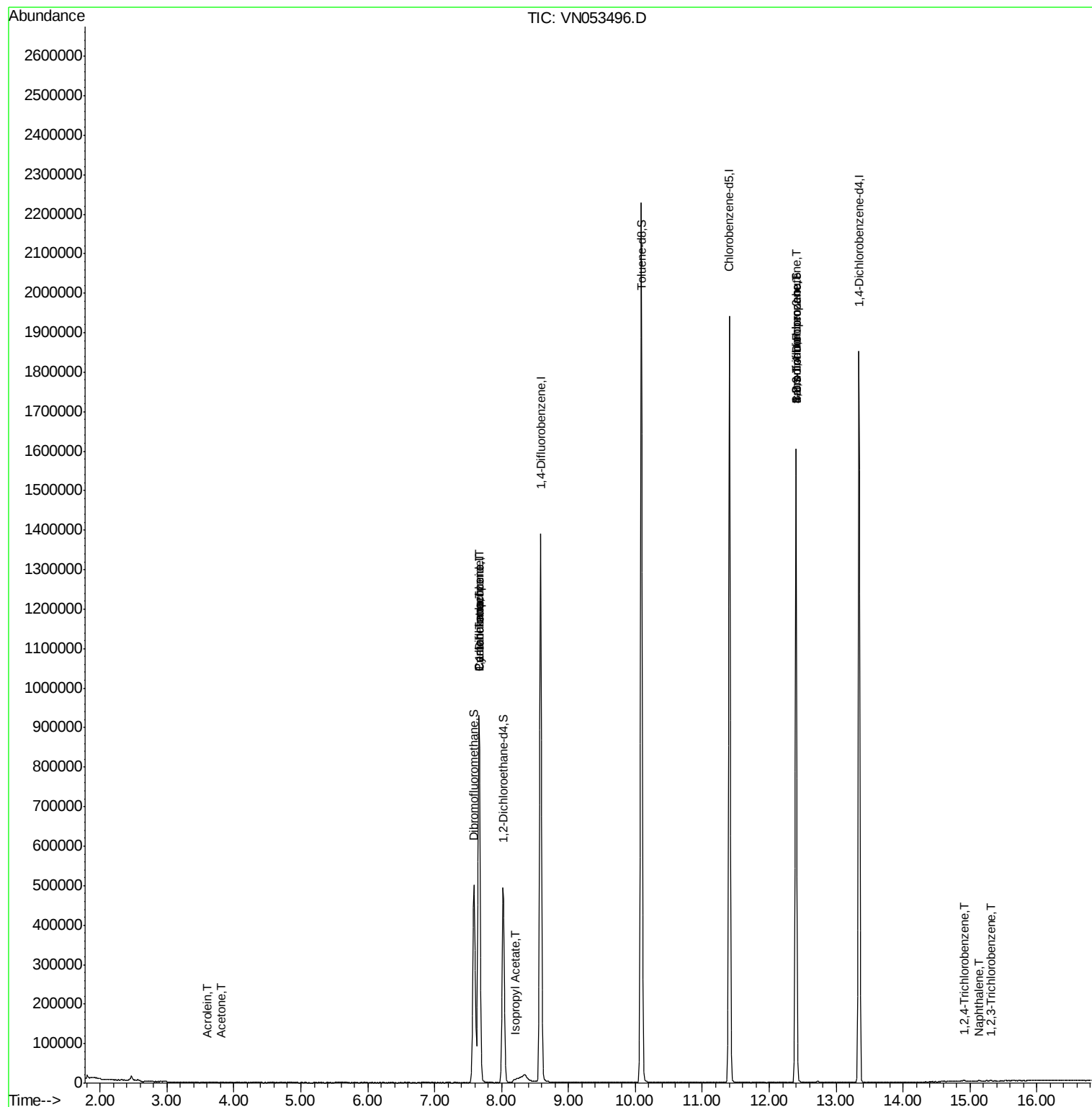
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	33	22.776	ug/l #	14
16) Acetone	3.82	43	528	0.276	ug/l #	41
31) Cyclohexane	7.66	56	12865	0.677	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	53636	4.559	ug/l #	48
38) Carbon Tetrachloride	7.66	117	70084	6.292	ug/l #	17
43) Isopropyl Acetate	8.19	43	3218	0.264	ug/l #	51
71) Bromoform	12.40	173	2963	0.487	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	249115	35.494	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	249115	87.809	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	1129	2.912	ug/l #	89
95) Naphthalene	15.14	128	1994	4.081	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.31	180	886	4.056	ug/l	89

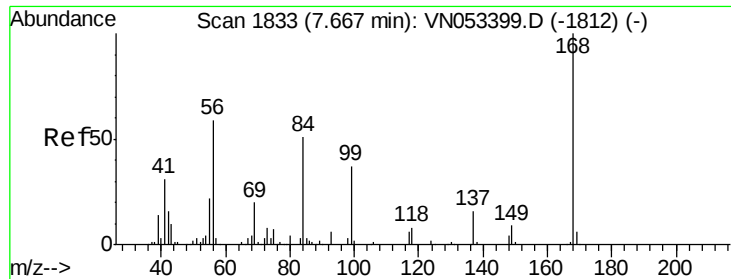
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012119\
Data File : VN053496.D
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Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_N/MEOH
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Quant Time: Jan 22 04:02:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 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: VN053496.D

Acq: 21 Jan 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

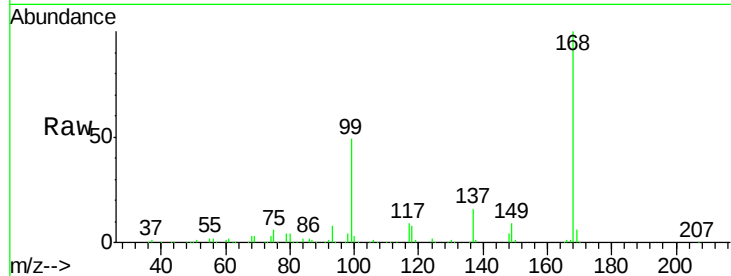
VN0121MBL01

Tot Ion:168 Resp: 825090

Ion Ratio Lower Upper

168 100

99 49.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.66

400000

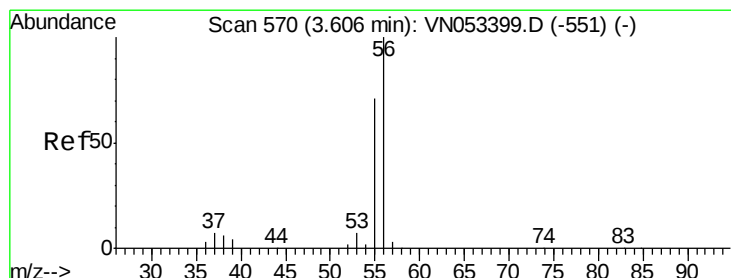
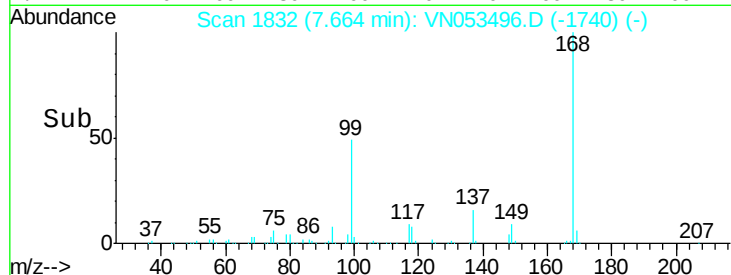
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 22.776 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN053496.D

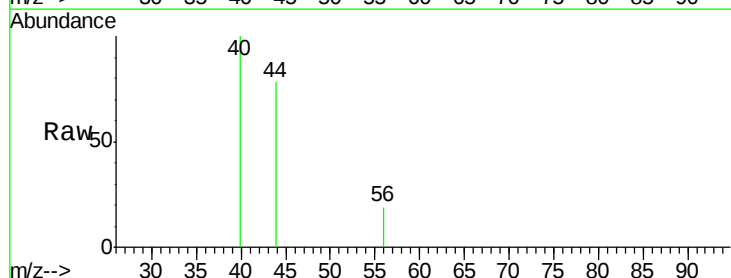
Acq: 21 Jan 2019 10:32

Tgt Ion: 56 Resp: 33

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN053399.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN053399.D (-551) (-)

3.60

200

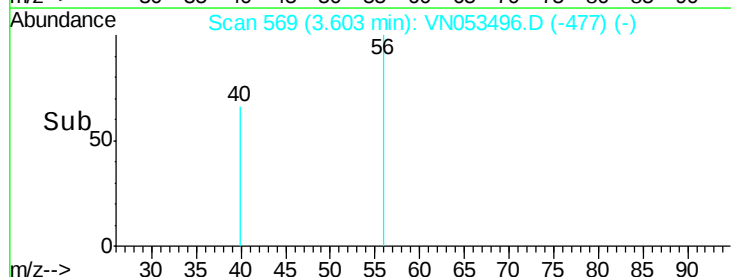
150

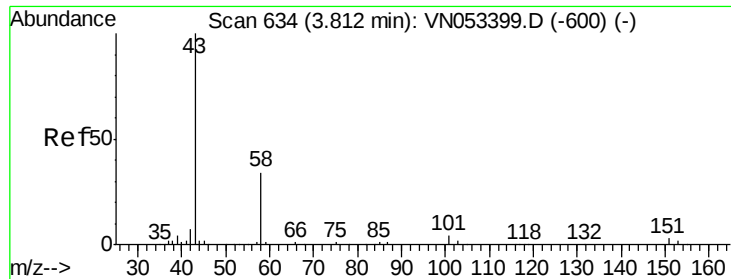
100

50

0

Time-->





#16

Acetone

Concen: 0.276 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053496.D

Acq: 21 Jan 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

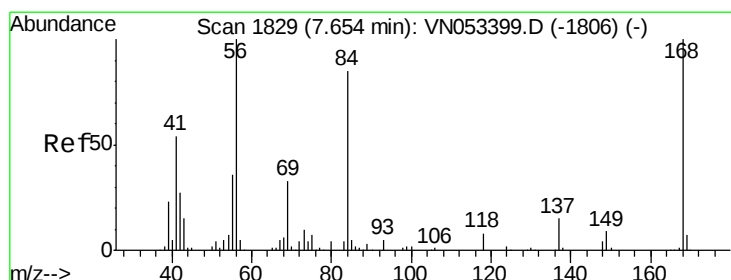
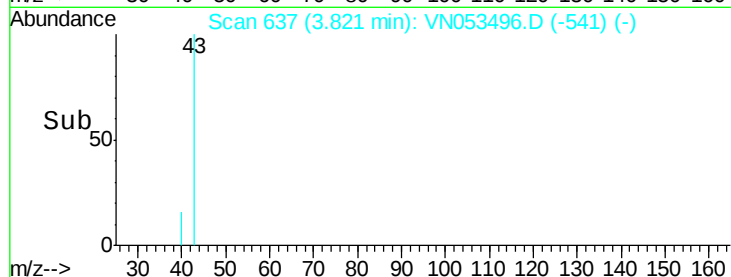
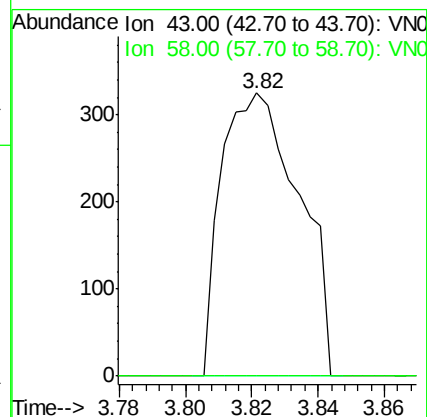
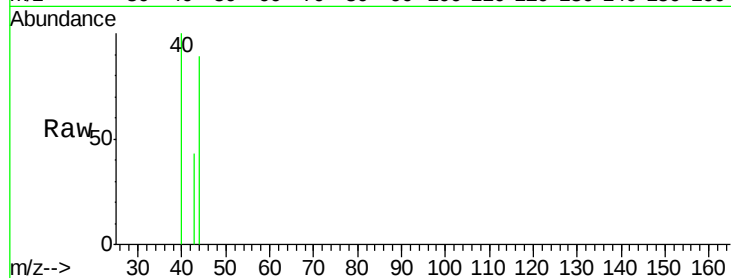
VN0121MBL01

Tot Ion: 43 Resp: 528

Ion Ratio Lower Upper

43 100

58 0.0 27.1 40.7#



#31

Cyclohexane

Concen: 0.677 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN053496.D

Acq: 21 Jan 2019 10:32

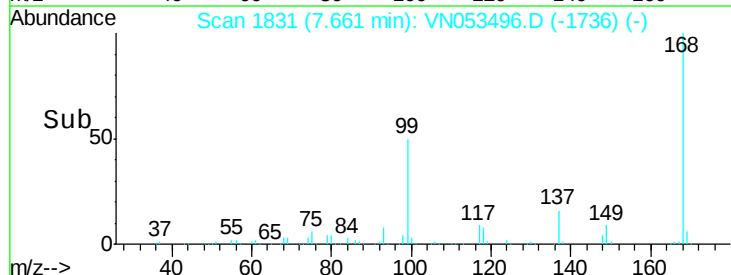
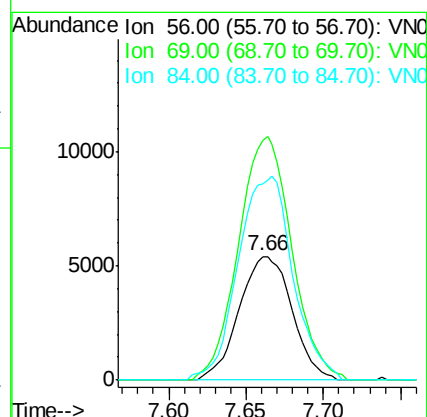
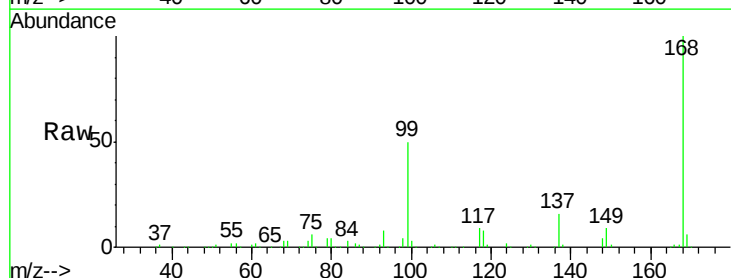
Tgt Ion: 56 Resp: 12865

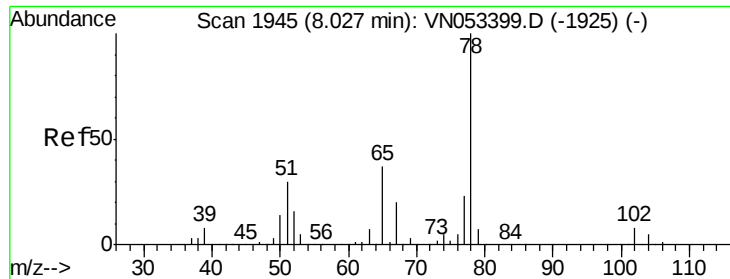
Ion Ratio Lower Upper

56 100

69 194.1 26.4 39.6#

84 159.1 67.9 101.9#

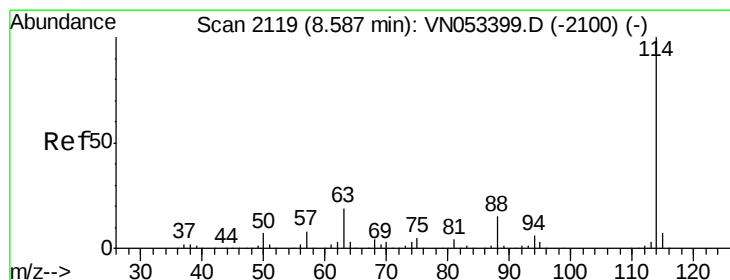
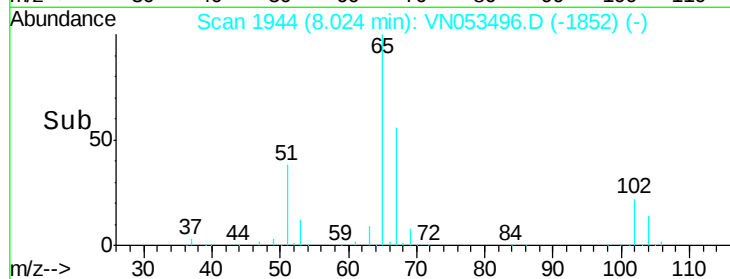
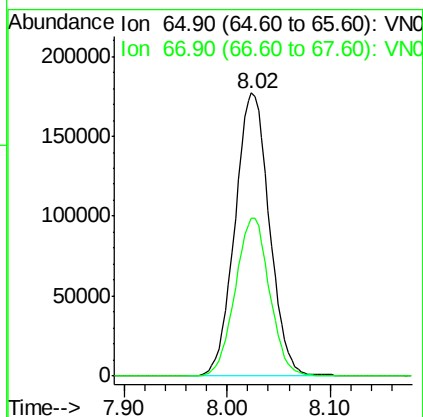
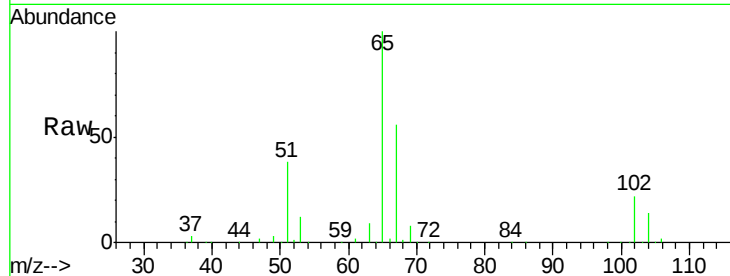




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN053496.D
 Acq: 21 Jan 2019 10:32

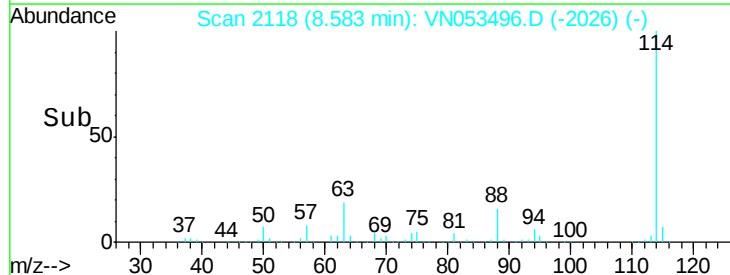
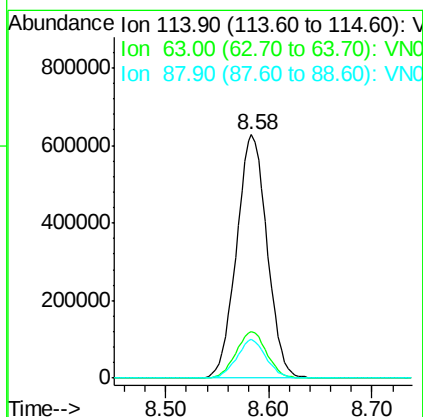
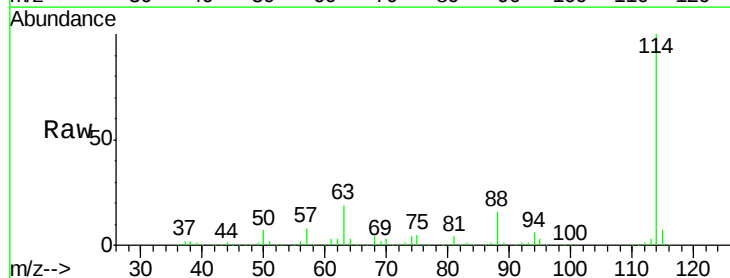
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBL01

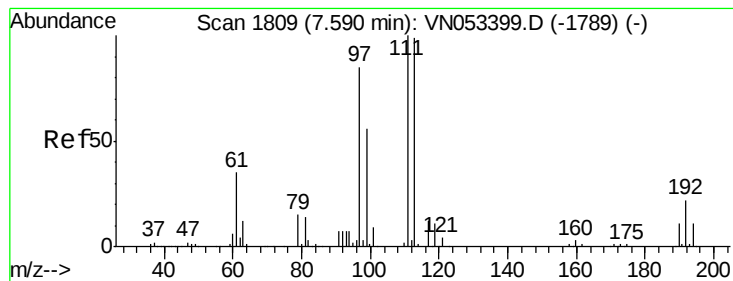
Tot Ion: 65 Resp: 412192
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053496.D
 Acq: 21 Jan 2019 10:32

Tgt Ion: 114 Resp: 1291866
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VN053496.D

Acq: 21 Jan 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBL01

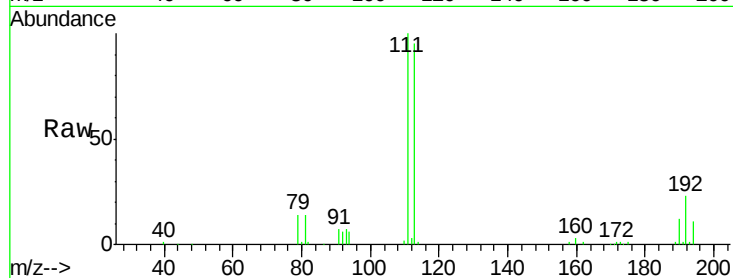
Tot Ion:113 Resp: 381899

Ion Ratio Lower Upper

113 100

111 103.3 81.1 121.7

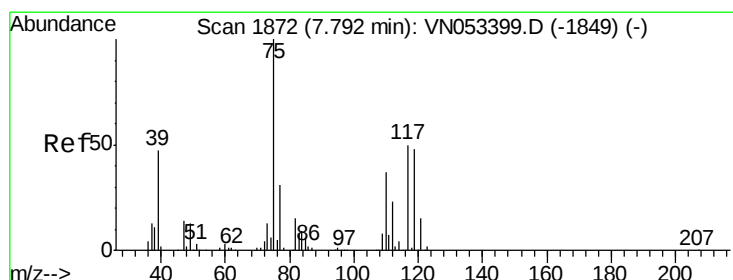
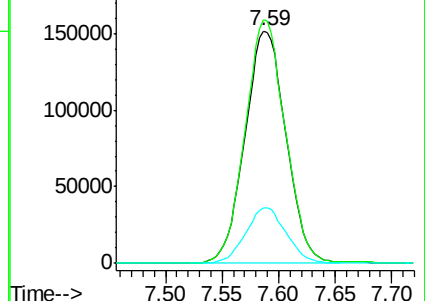
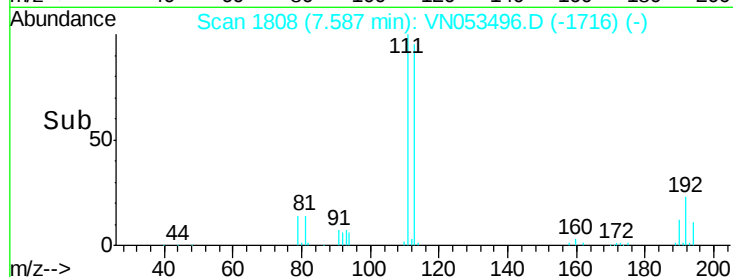
192 23.6 18.2 27.2



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: 4.559 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN053496.D

Acq: 21 Jan 2019 10:32

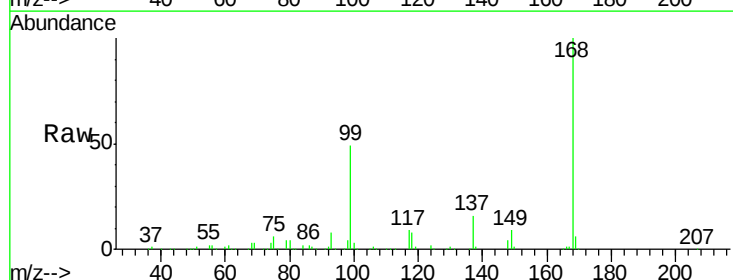
Tgt Ion: 75 Resp: 53636

Ion Ratio Lower Upper

75 100

110 8.5 18.1 54.3#

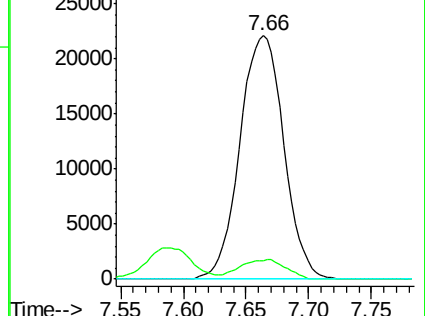
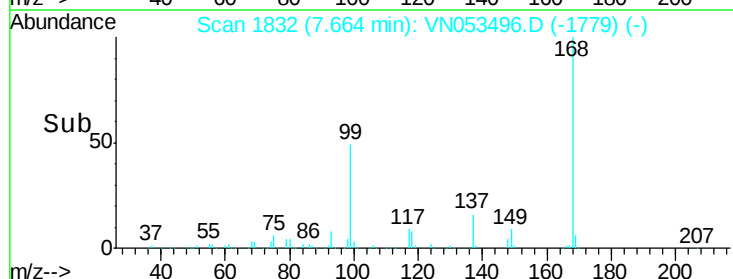
77 0.0 25.1 37.7#

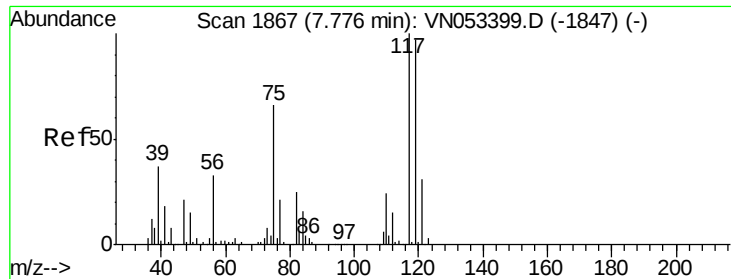


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

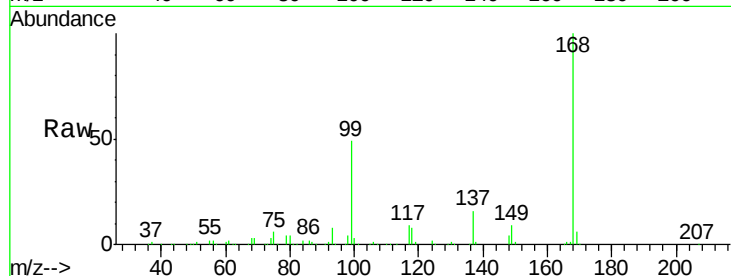




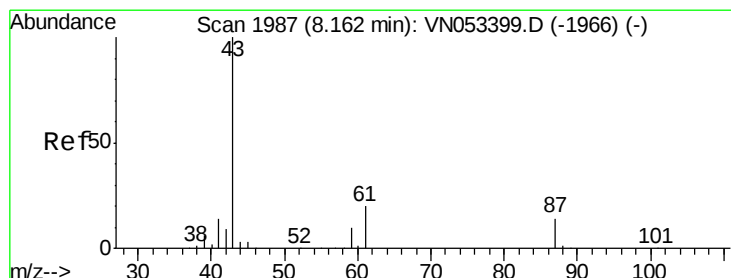
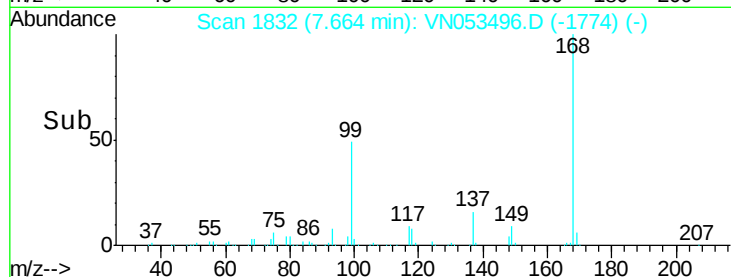
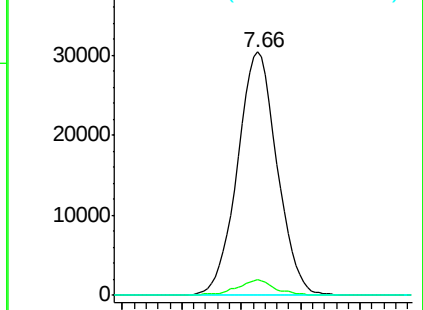
#38
Carbon Tetrachloride
Concen: 6.292 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN053496.D
Acq: 21 Jan 2019 10:32

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBL01

Tot Ion:117 Resp: 70084
Ion Ratio Lower Upper
117 100
119 6.2 77.2 115.8#
121 0.0 24.6 37.0#

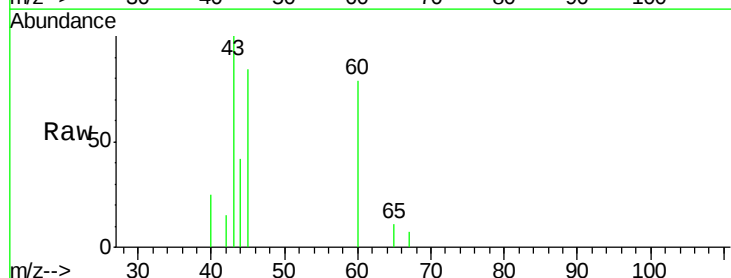


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

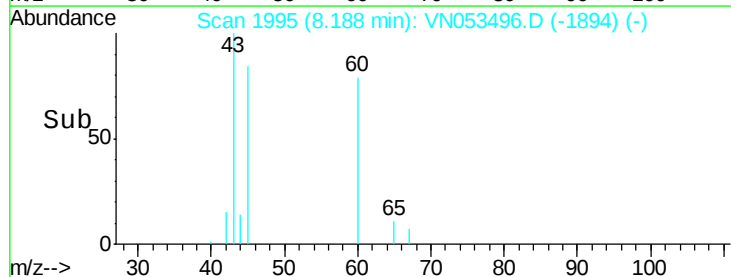
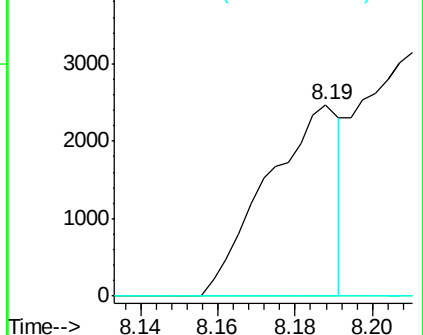


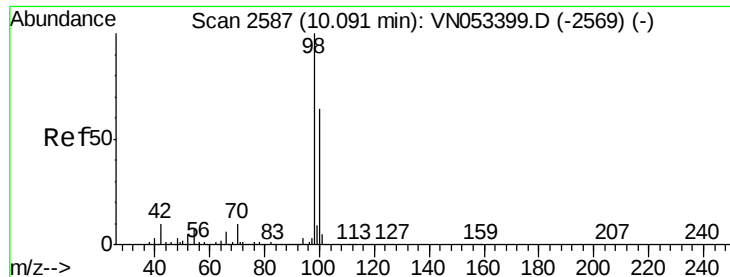
#43
Isopropyl Acetate
Concen: 0.264 ug/l
RT: 8.19 min Scan# 1995
Delta R.T. 0.03 min
Lab File: VN053496.D
Acq: 21 Jan 2019 10:32

Tgt Ion: 43 Resp: 3218
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# 2586

Delta R.T. -0.00 min

Lab File: VN053496.D

Acq: 21 Jan 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

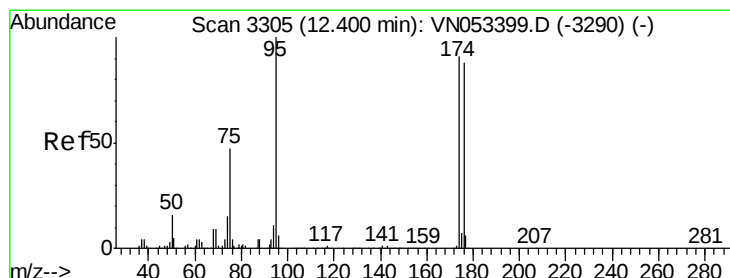
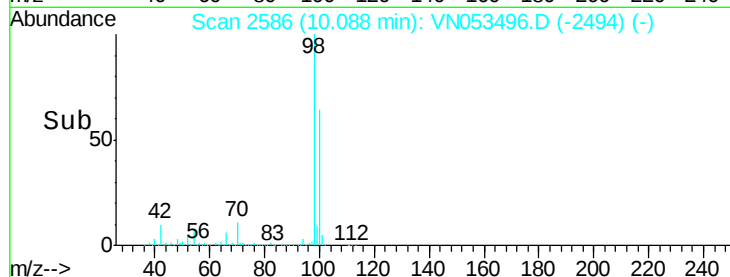
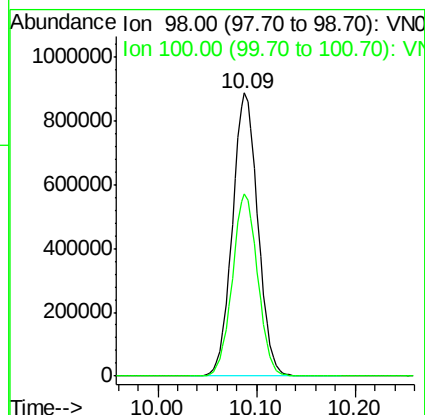
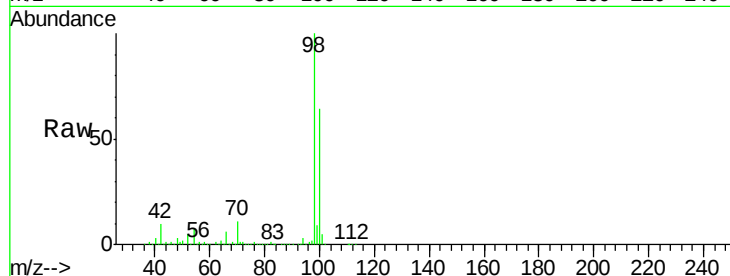
VN0121MBL01

Tot Ion: 98 Resp: 1597058

Ion Ratio Lower Upper

98 100

100 64.1 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: VN053496.D

Acq: 21 Jan 2019 10:32

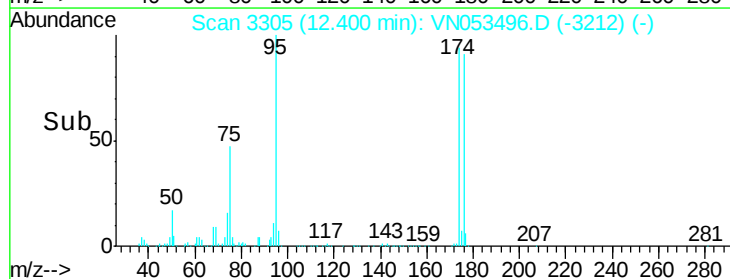
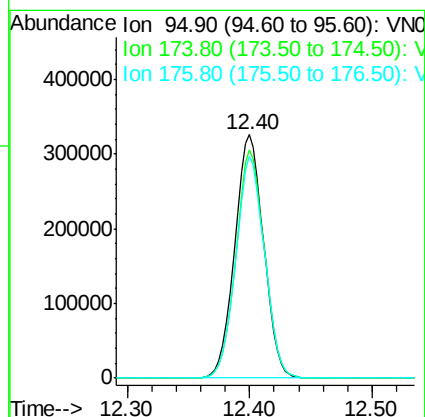
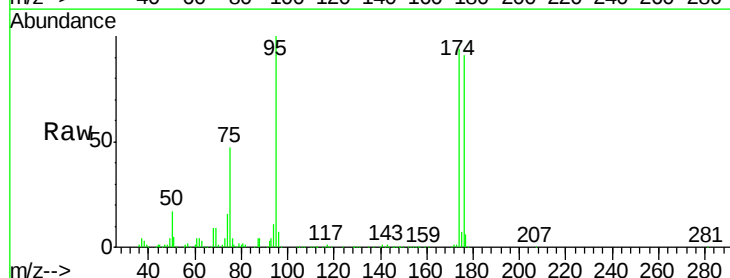
Tgt Ion: 95 Resp: 533939

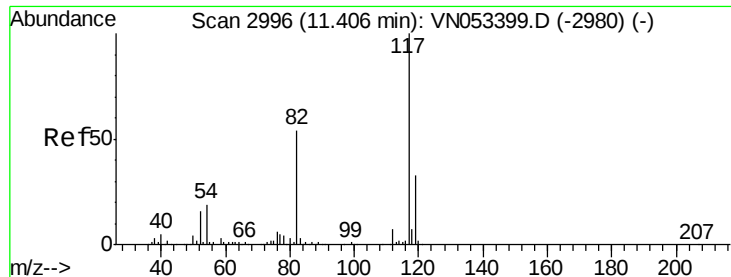
Ion Ratio Lower Upper

95 100

174 92.6 0.0 183.2

176 90.7 0.0 177.4

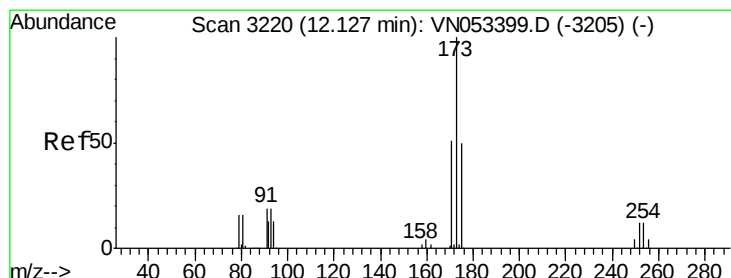
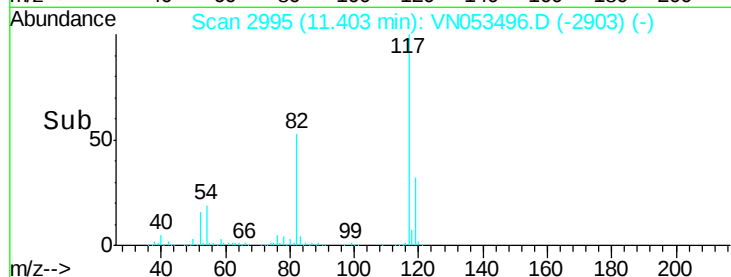
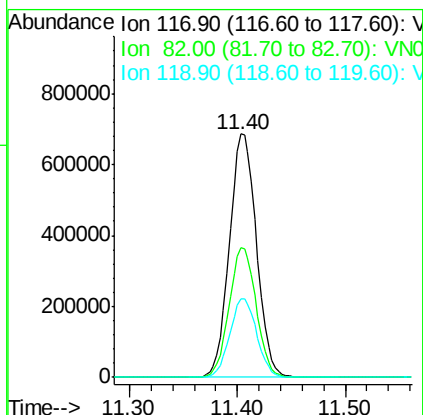
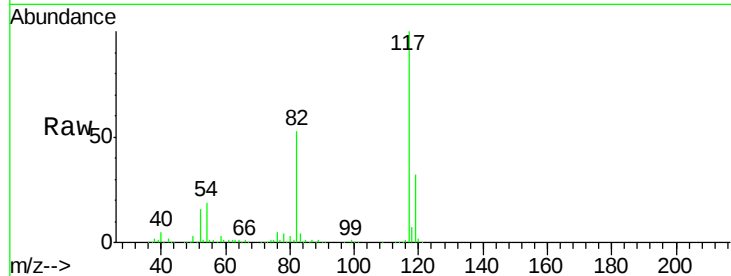




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN053496.D
Acq: 21 Jan 2019 10:32

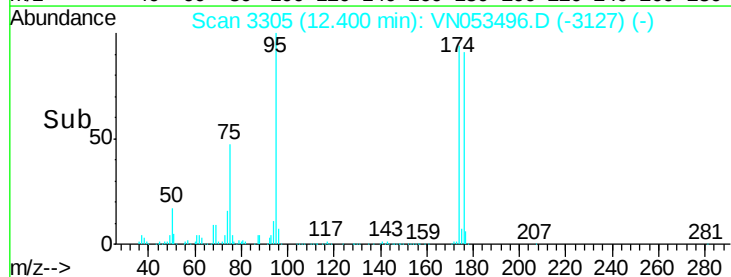
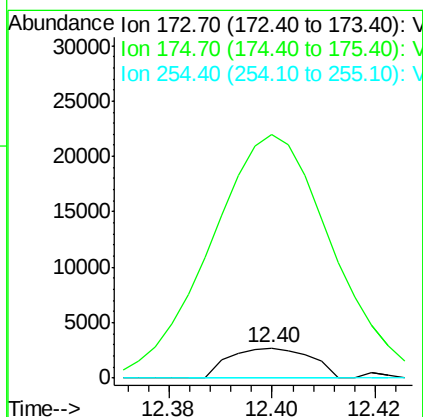
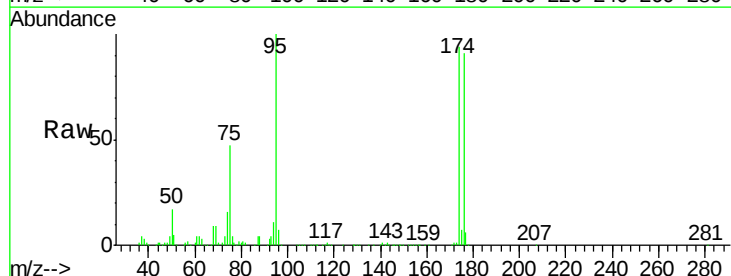
Instrument :
MSVOA_N
ClientSampleId :
VN0121MBL01

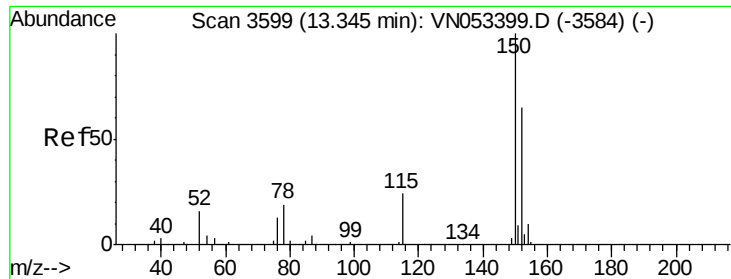
Tot Ion:117 Resp: 1199935
Ion Ratio Lower Upper
117 100
82 53.3 42.9 64.3
119 32.3 26.0 39.0



#71
Bromoform
Concen: 0.487 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053496.D
Acq: 21 Jan 2019 10:32

Tgt Ion:173 Resp: 2963
Ion Ratio Lower Upper
173 100
175 1100.4 24.6 74.0#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053496.D

Acq: 21 Jan 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBL01

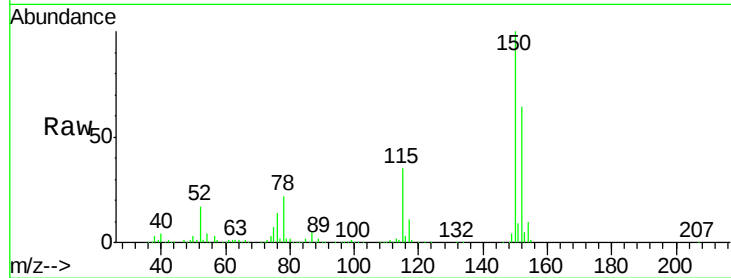
Tot Ion:152 Resp: 532588

Ion Ratio Lower Upper

152 100

115 55.0 27.8 83.4

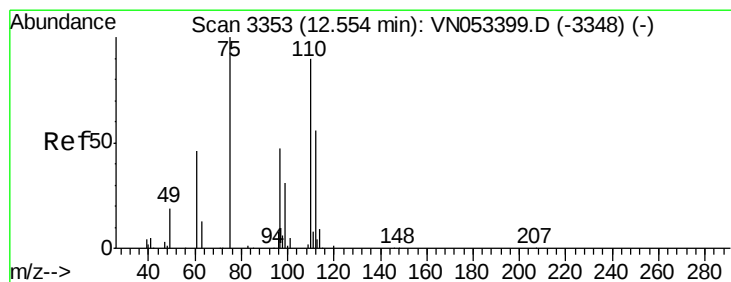
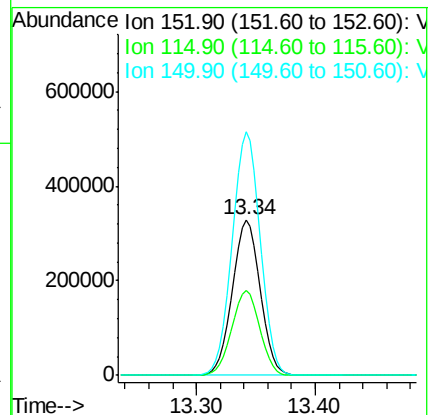
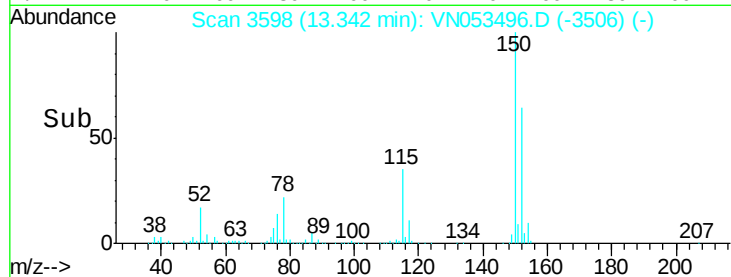
150 157.8 0.0 349.0



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: 35.494 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053496.D

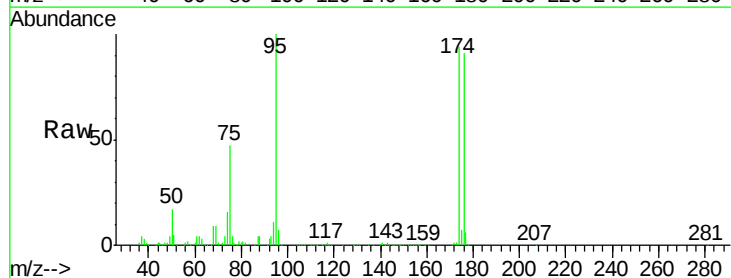
Acq: 21 Jan 2019 10:32

Tgt Ion: 75 Resp: 249115

Ion Ratio Lower Upper

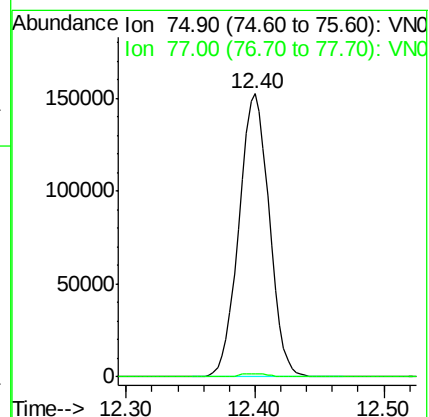
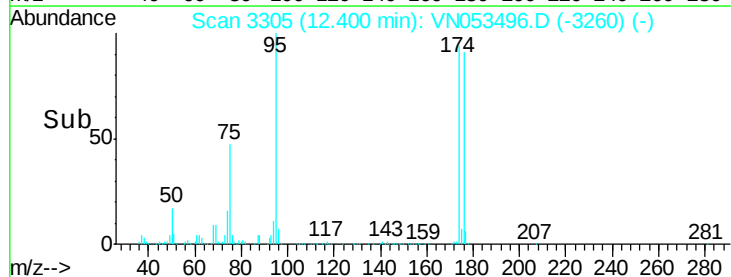
75 100

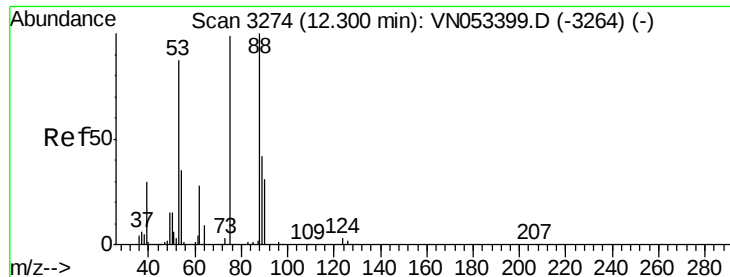
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

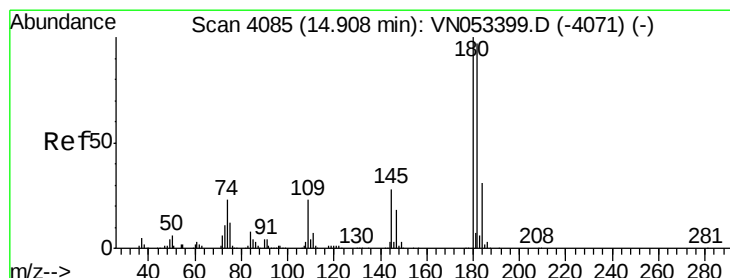
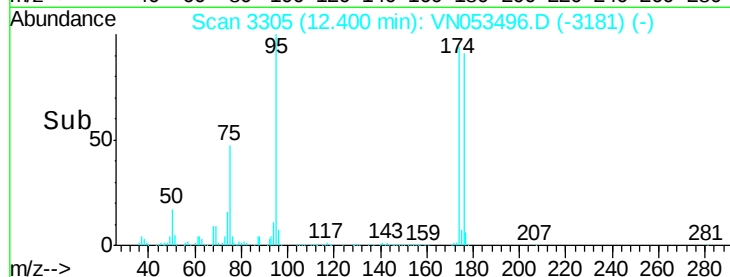
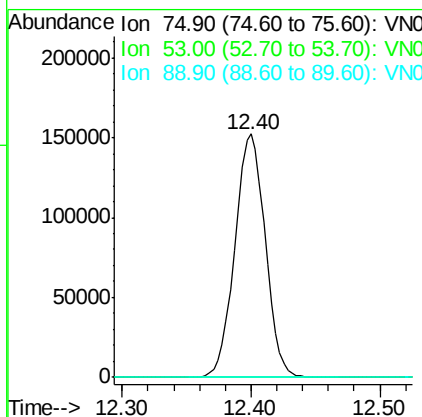
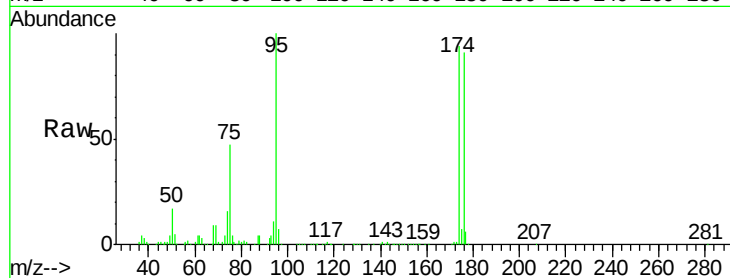




#81
trans-1,4-Dichloro-2-butene
Concen: 87.809 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053496.D
Acq: 21 Jan 2019 10:32

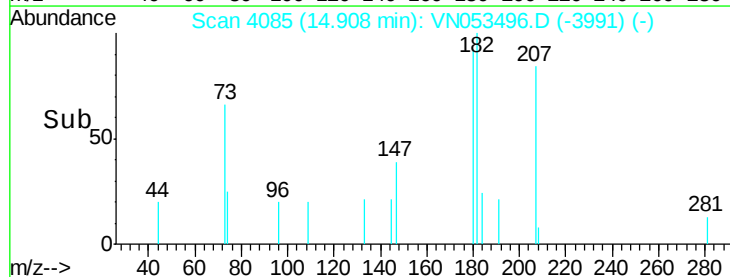
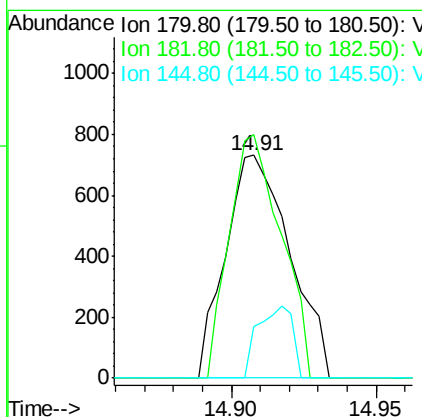
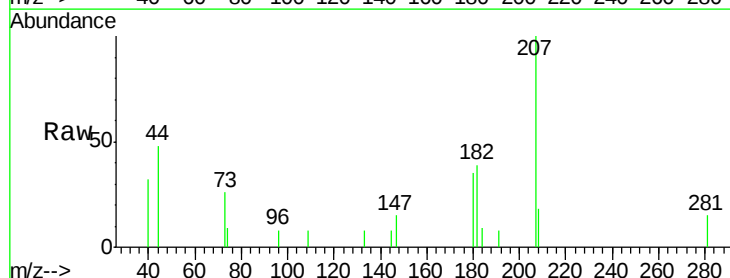
Instrument :
MSVOA_N
ClientSampleId :
VN0121MBL01

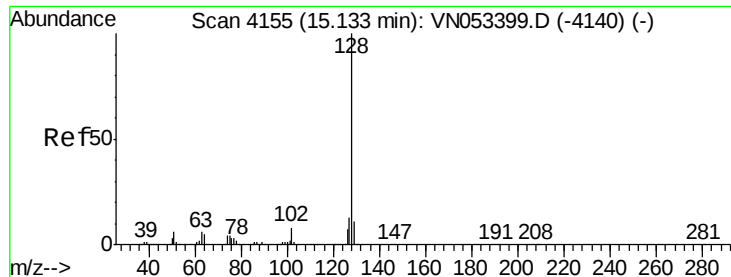
Tot Ion: 75 Resp: 249115
Ion Ratio Lower Upper
75 100
53 0.0 69.8 104.6#
89 0.0 35.6 53.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.912 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN053496.D
Acq: 21 Jan 2019 10:32

Tgt Ion: 180 Resp: 1129
Ion Ratio Lower Upper
180 100
182 87.7 48.1 144.3
145 17.3 13.9 41.6





#95

Naphthalene

Concen: 4.081 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053496.D

Acq: 21 Jan 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBL01

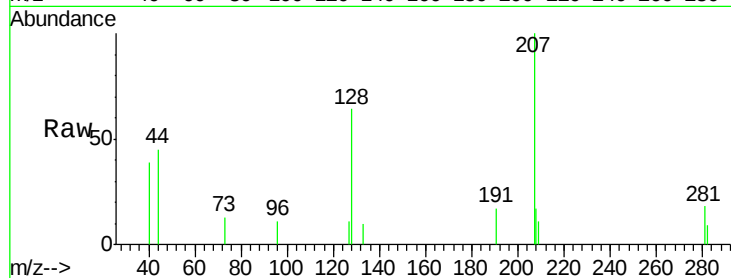
Tot Ion:128 Resp: 1994

Ion Ratio Lower Upper

128 100

127 5.1 10.3 15.5#

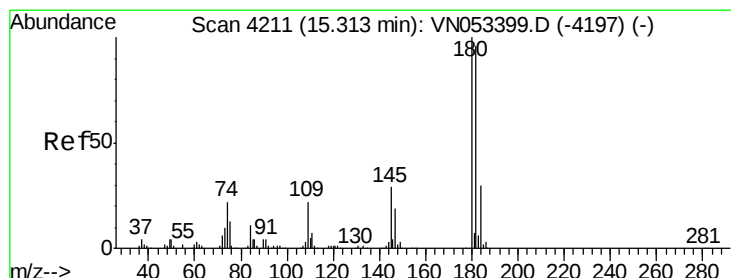
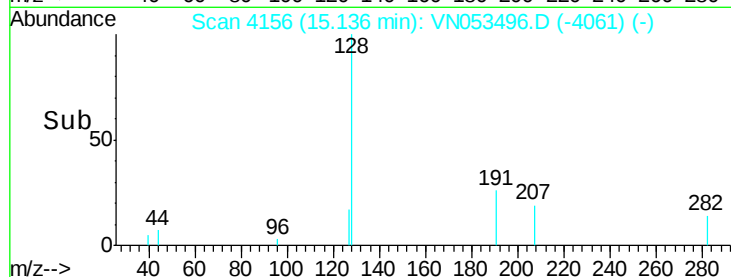
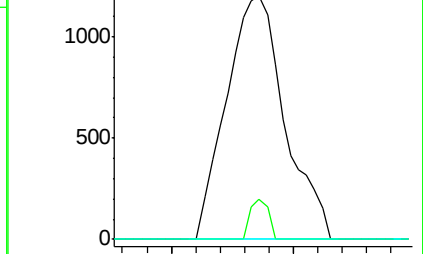
129 0.0 8.6 13.0#



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: 4.056 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053496.D

Acq: 21 Jan 2019 10:32

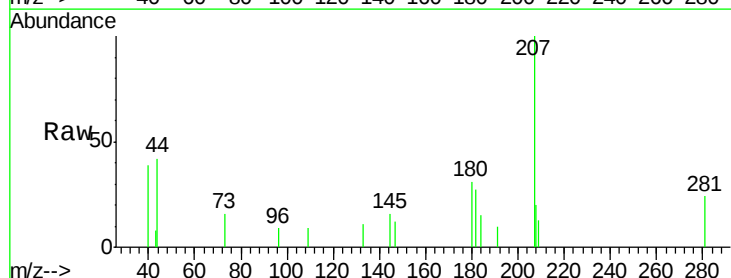
Tgt Ion:180 Resp: 886

Ion Ratio Lower Upper

180 100

182 86.2 47.9 143.8

145 37.2 14.7 44.1



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

