

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040119\
 Data File : VN054867.D
 Acq On : 1 Apr 2019 11:59
 Operator : JC/SP
 Sample : VN0401MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401MBL01

Quant Time: Apr 02 04:20:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	509102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	833881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	710982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	243212	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	339554	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
35) Dibromofluoromethane	7.59	113	261022	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
50) Toluene-d8	10.09	98	1009446	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	12.40	95	306489	44.59	ug/l	0.00
Spiked Amount			Recovery	=	89.18%	

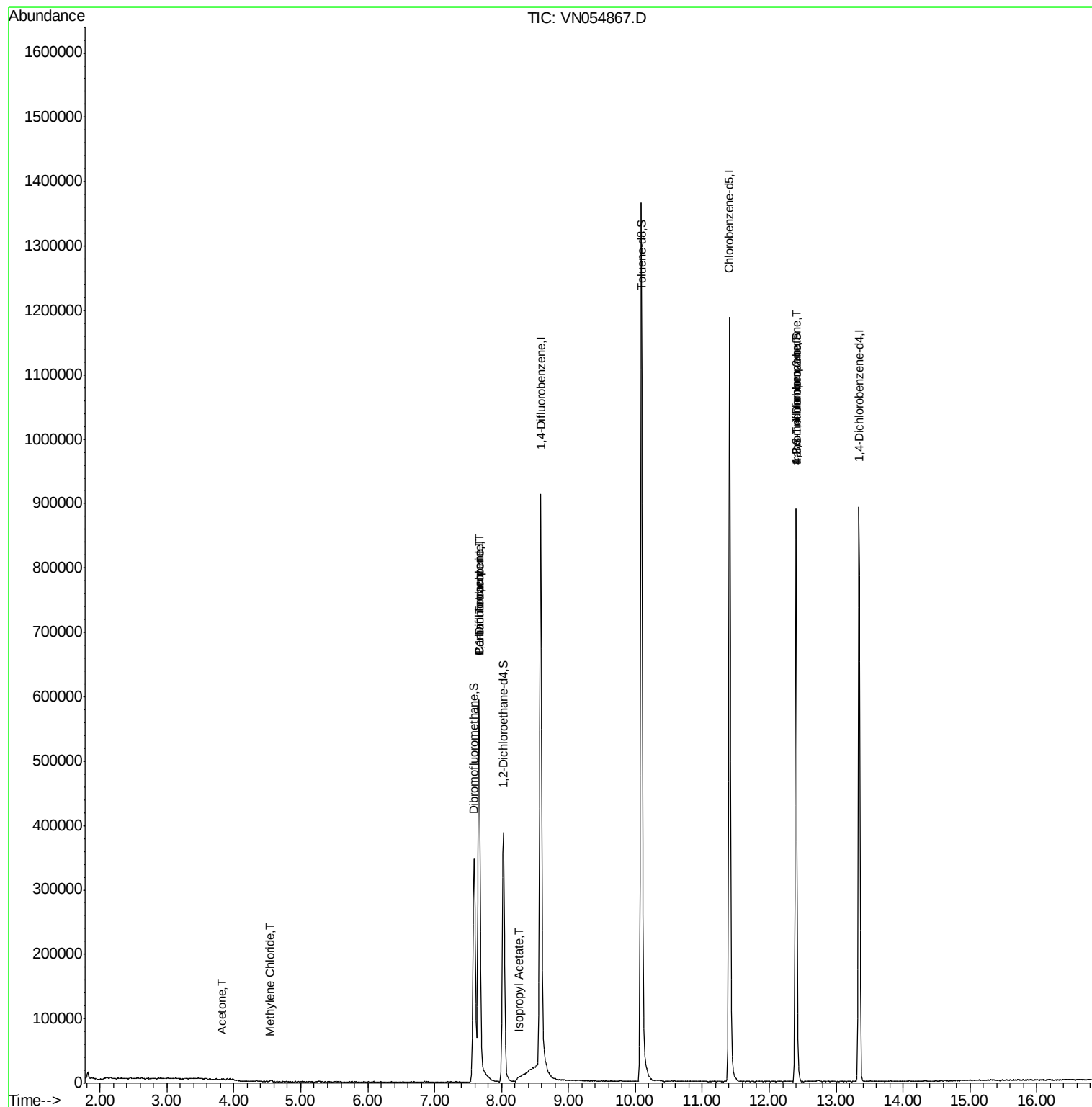
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.58	94	307	Below Cal	#	77
16) Acetone	3.82	43	358	0.219	ug/l #	56
18) Methyl Acetate	4.33	43	1129	Below Cal	#	54
20) Methylene Chloride	4.54	84	1267	0.219	ug/l #	80
31) Cyclohexane	7.66	56	11236	Below Cal	#	16
36) 1,1-Dichloropropene	7.66	75	39026	5.023	ug/l #	48
38) Carbon Tetrachloride	7.66	117	48622	6.443	ug/l #	18
43) Isopropyl Acetate	8.26	43	5440	0.588	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.39	83	163	Below Cal	#	11
76) 1,2,3-Trichloropropane	12.40	75	161493	38.222	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	161493	148.673	ug/l #	11

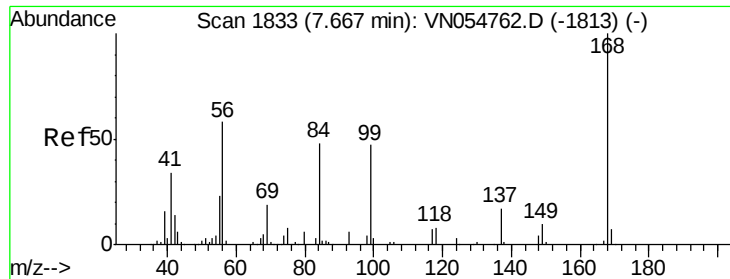
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040119\
Data File : VN054867.D
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VN0401MBL01

Quant Time: Apr 02 04:20:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 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: VN054867.D

Acq: 1 Apr 2019 11:59

Instrument :

MSVOA_N

ClientSampleId :

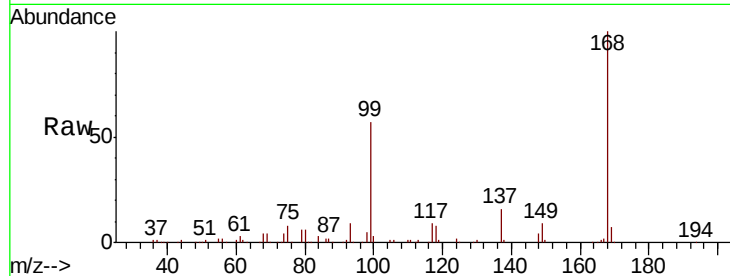
VN0401MBL01

Tot Ion:168 Resp: 509102

Ion Ratio Lower Upper

168 100

99 56.5 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): VN054867.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054867.D (-1813) (-)

7.66

200000

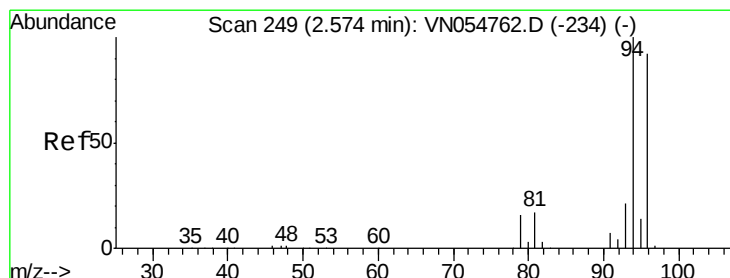
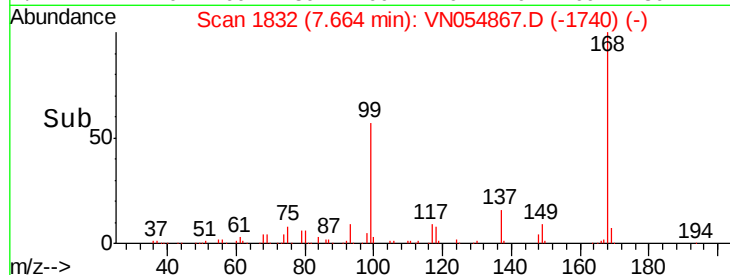
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 252

Delta R.T. 0.01 min

Lab File: VN054867.D

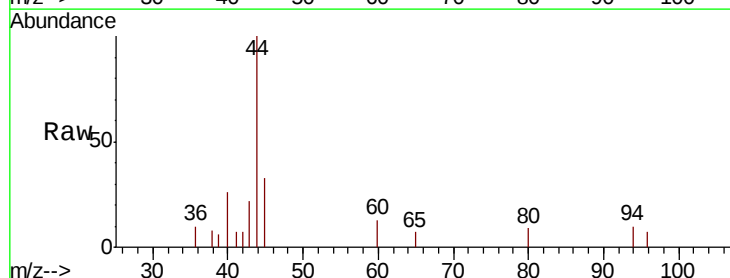
Acq: 1 Apr 2019 11:59

Tgt Ion: 94 Resp: 307

Ion Ratio Lower Upper

94 100

96 73.6 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN054867.D (-234) (-)

Ion 95.90 (95.60 to 96.60): VN054867.D (-234) (-)

2.58

300

250

200

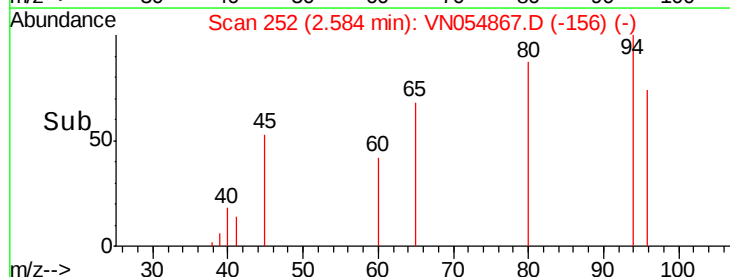
150

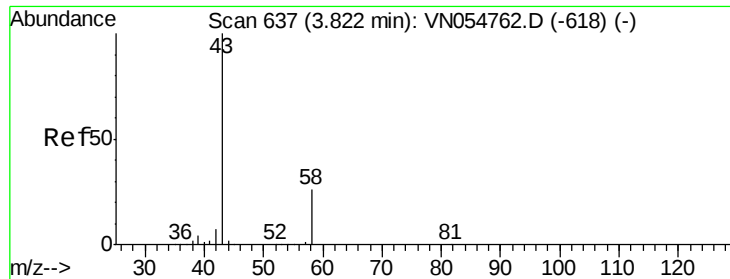
100

50

0

Time-->





#16

Acetone

Concen: 0.219 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054867.D

Acq: 1 Apr 2019 11:59

Instrument :

MSVOA_N

ClientSampleId :

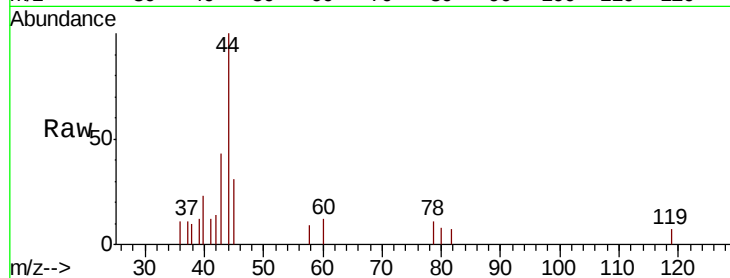
VN0401MBL01

Tot Ion: 43 Resp: 358

Ion Ratio Lower Upper

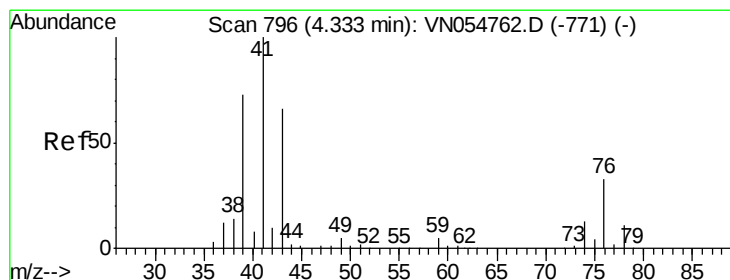
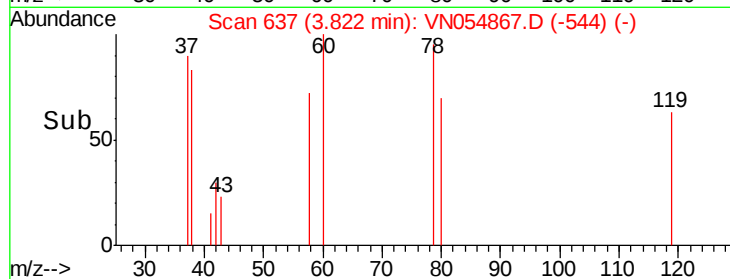
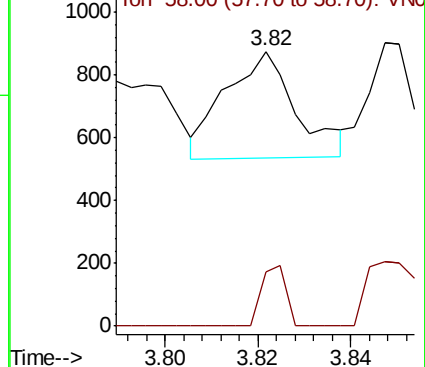
43 100

58 63.5 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 795

Delta R.T. -0.00 min

Lab File: VN054867.D

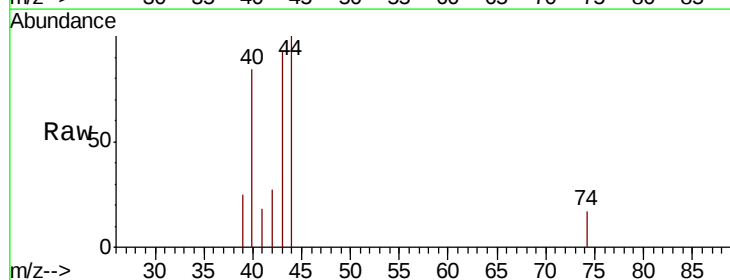
Acq: 1 Apr 2019 11:59

Tgt Ion: 43 Resp: 1129

Ion Ratio Lower Upper

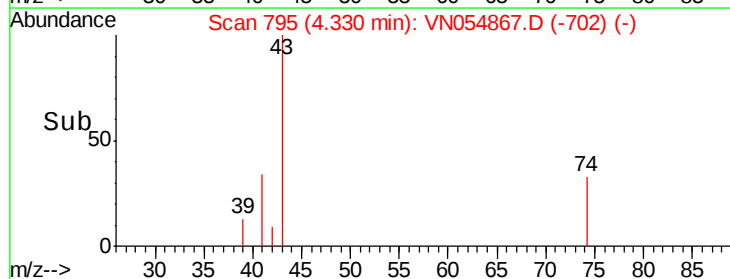
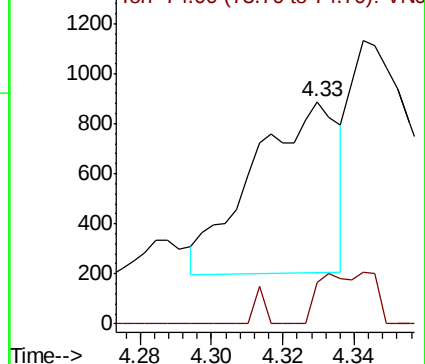
43 100

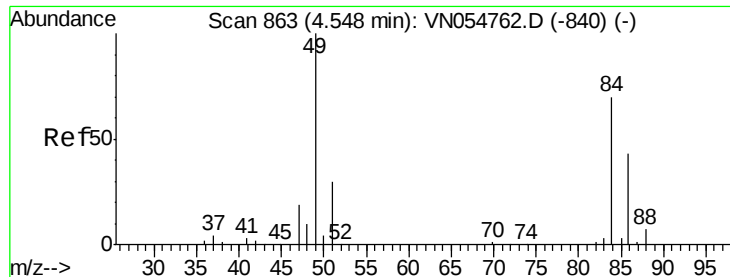
74 2.6 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methylene Chloride

Concen: 0.219 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN054867.D

Acq: 1 Apr 2019 11:59

Instrument :

MSVOA_N

ClientSampled :

VN0401MBL01

Tot Ion: 84 Resp: 1267

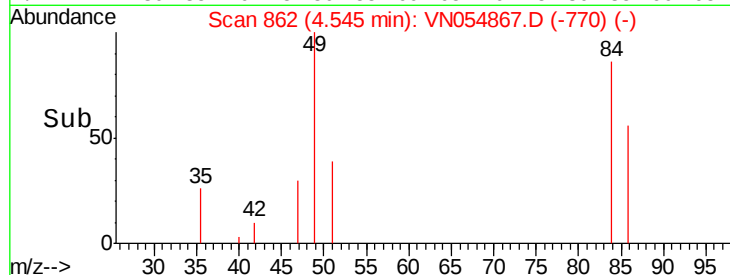
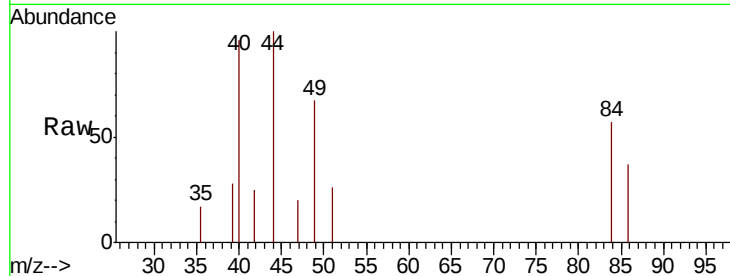
Ion Ratio Lower Upper

84 100

49 79.5 89.7 134.5#

51 45.4 28.2 42.4#

86 65.1 50.8 76.2

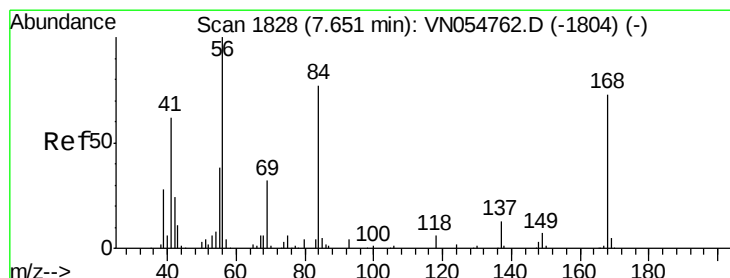
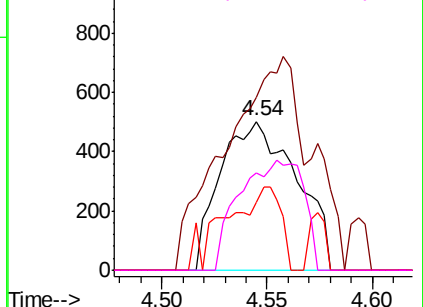


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054867.D

Acq: 1 Apr 2019 11:59

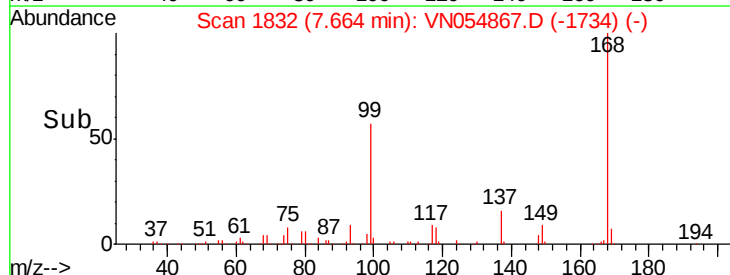
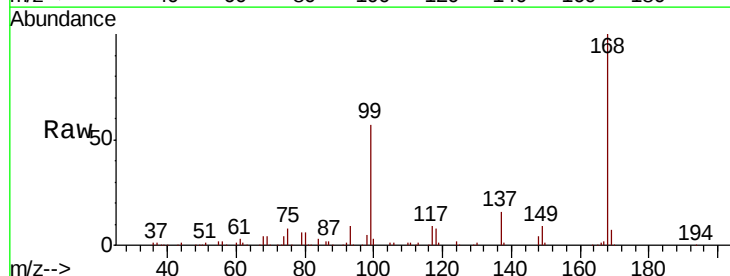
Tgt Ion: 56 Resp: 11236

Ion Ratio Lower Upper

56 100

69 158.3 27.8 41.6#

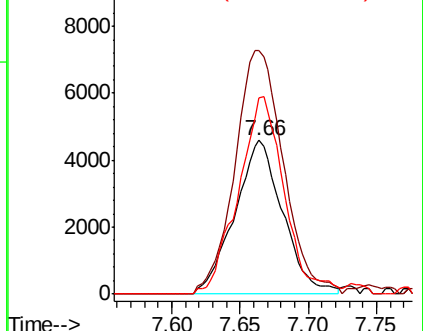
84 127.6 74.6 111.8#

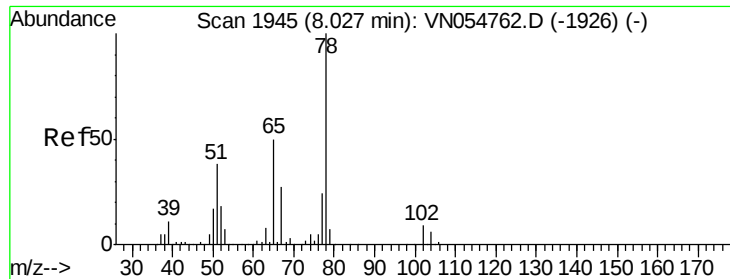


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

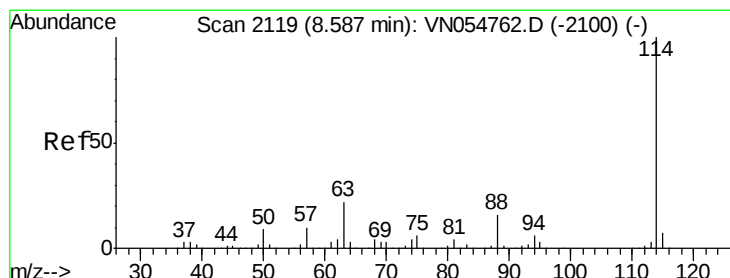
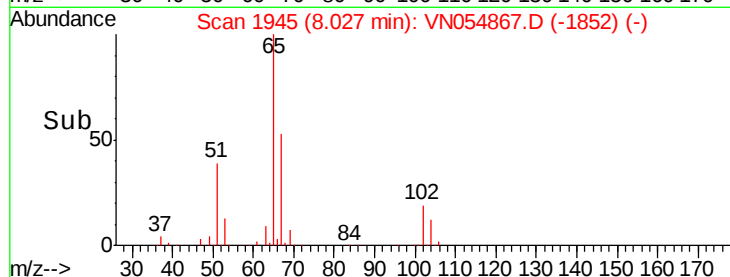
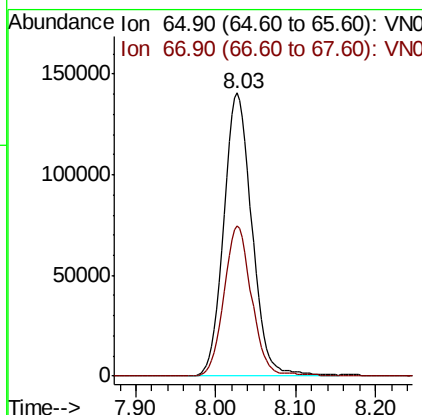
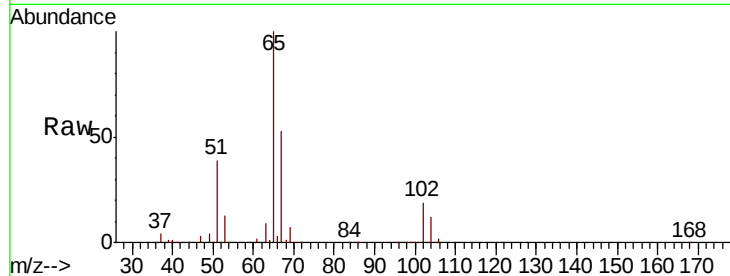




#33
 1,2-Dichloroethane-d4
 Concen: 49.477 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054867.D
 Acq: 1 Apr 2019 11:59

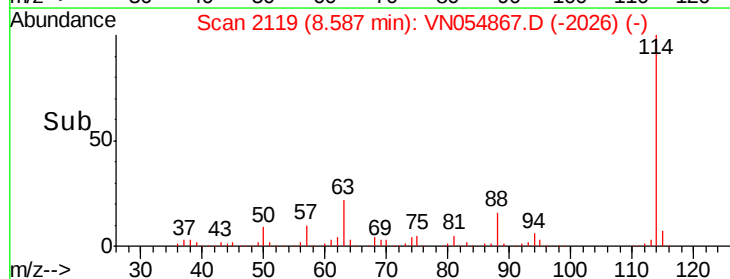
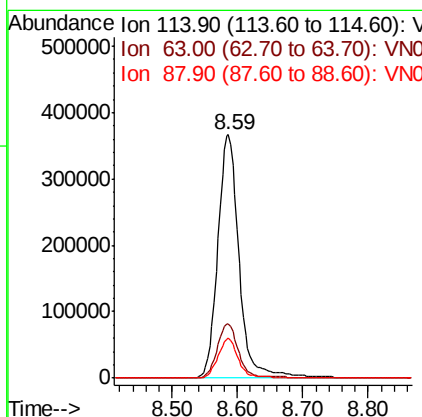
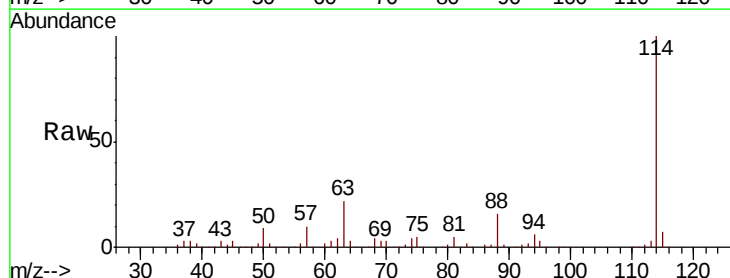
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401MBL01

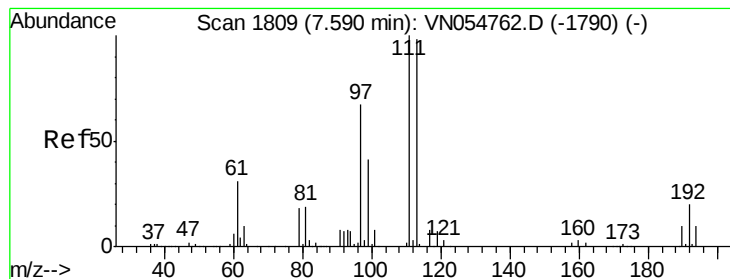
Tot Ion: 65 Resp: 339554
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054867.D
 Acq: 1 Apr 2019 11:59

Tgt Ion: 114 Resp: 833881
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.2
 88 16.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 46.951 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054867.D

Acq: 1 Apr 2019 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0401MBL01

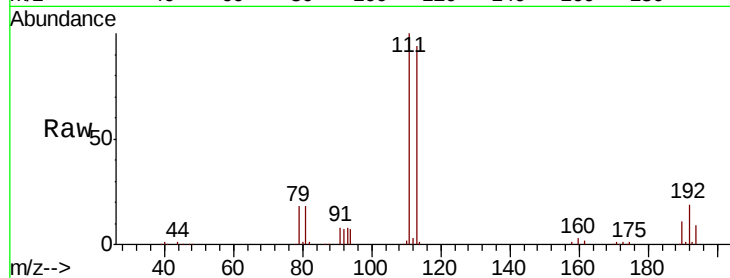
Tot Ion:113 Resp: 261022

Ion Ratio Lower Upper

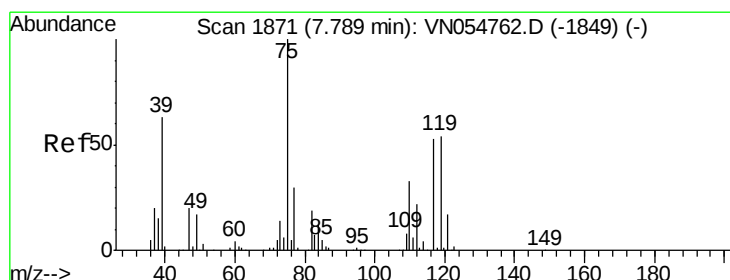
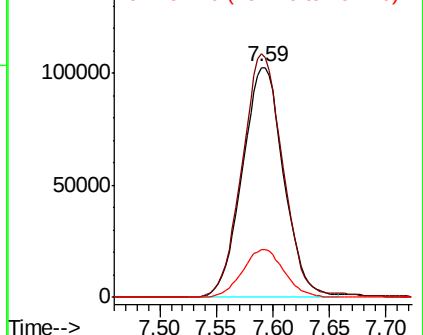
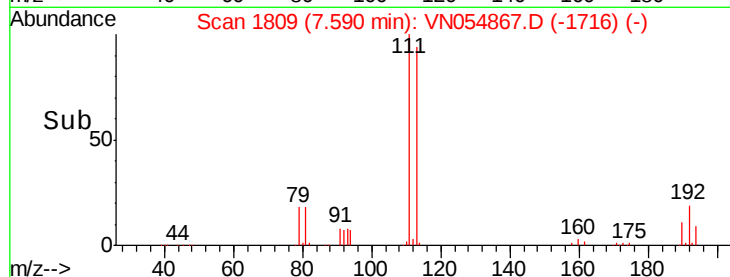
113 100

111 105.3 82.2 123.4

192 21.0 19.2 28.8



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: 5.023 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN054867.D

Acq: 1 Apr 2019 11:59

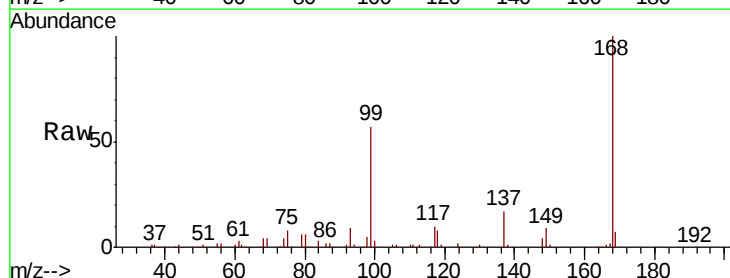
Tgt Ion: 75 Resp: 39026

Ion Ratio Lower Upper

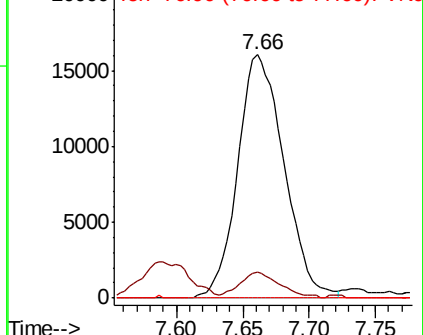
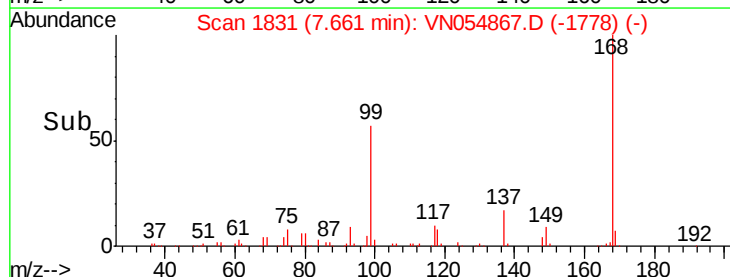
75 100

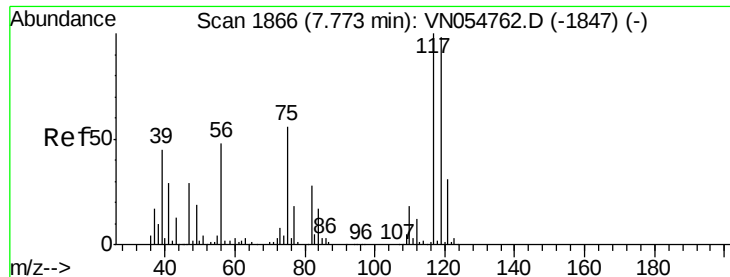
110 9.2 19.1 57.5#

77 0.0 25.0 37.4#



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: 6.443 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN054867.D

Acq: 1 Apr 2019 11:59

Instrument :

MSVOA_N

ClientSampled :

VN0401MBL01

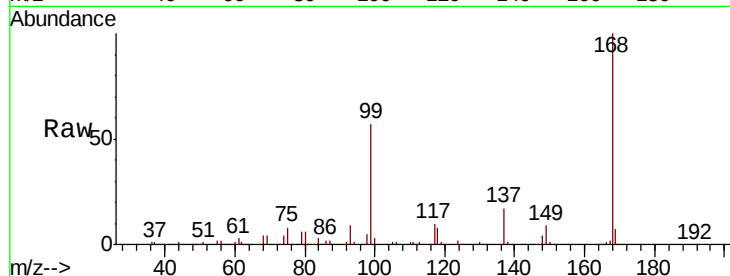
Tot Ion:117 Resp: 48622

Ion Ratio Lower Upper

117 100

119 7.0 76.3 114.5#

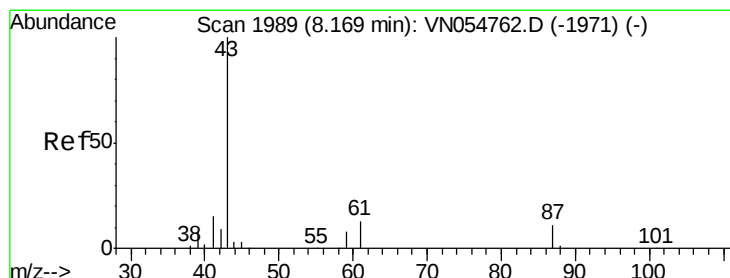
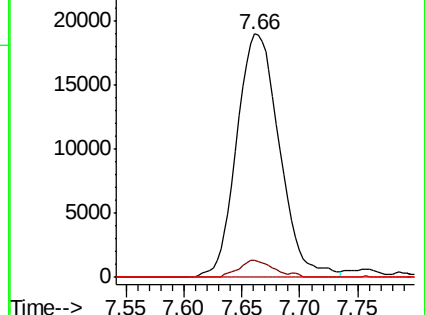
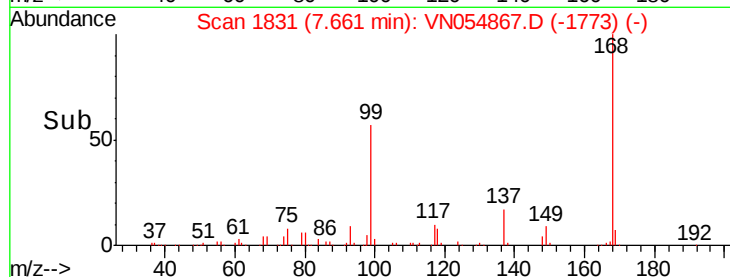
121 0.0 24.6 36.8#



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: 0.588 ug/l

RT: 8.26 min Scan# 2016

Delta R.T. 0.09 min

Lab File: VN054867.D

Acq: 1 Apr 2019 11:59

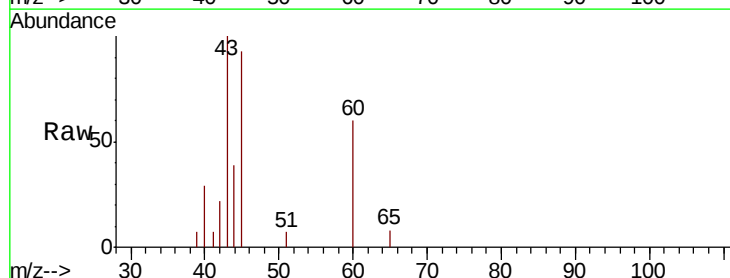
Tgt Ion: 43 Resp: 5440

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

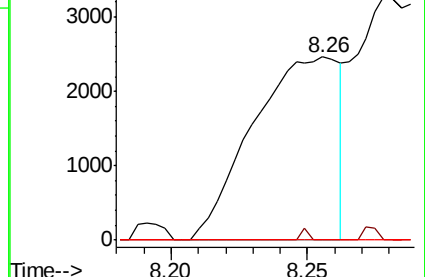
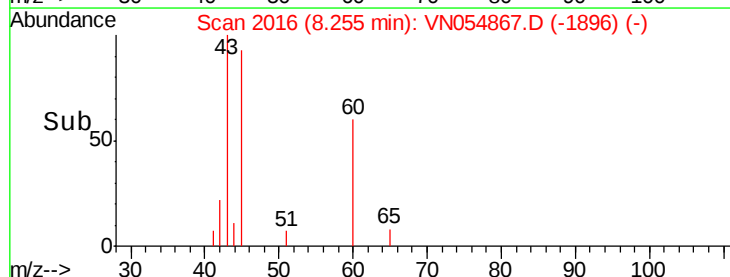
87 0.0 12.0 18.0#

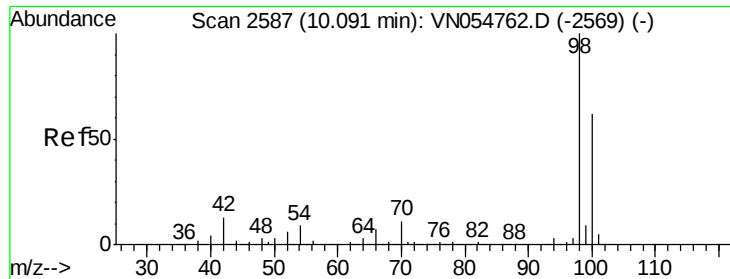


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.839 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054867.D

Acq: 1 Apr 2019 11:59

Instrument :

MSVOA_N

ClientSampleId :

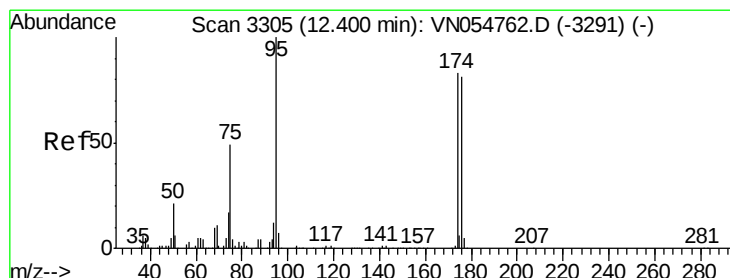
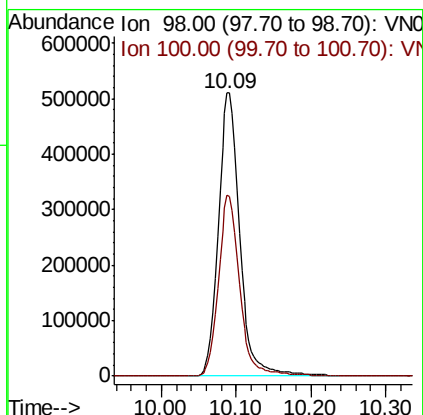
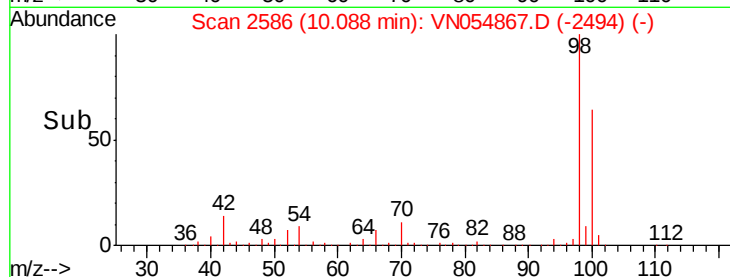
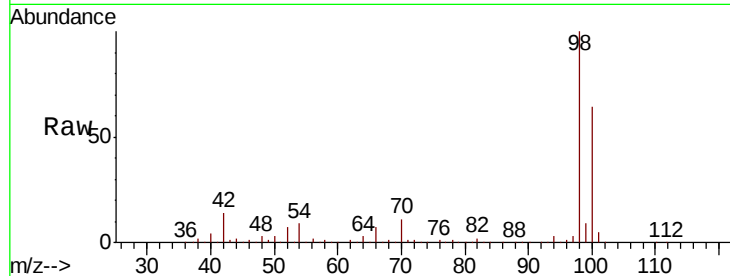
VN0401MBL01

Tot Ion: 98 Resp: 1009446

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.587 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054867.D

Acq: 1 Apr 2019 11:59

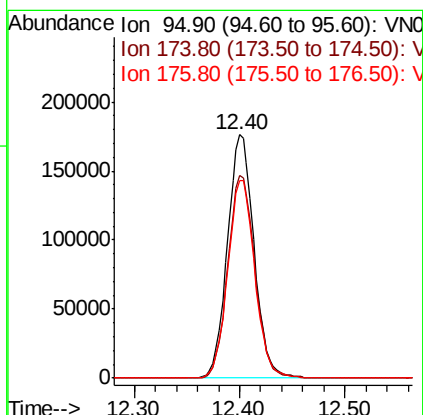
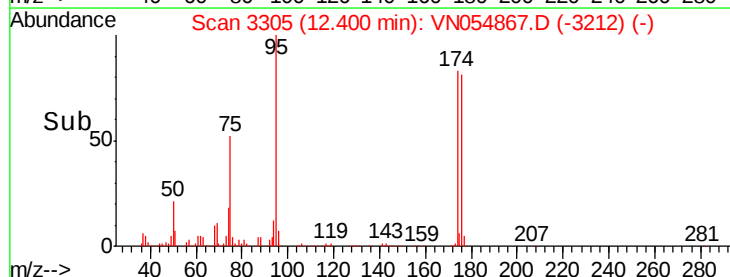
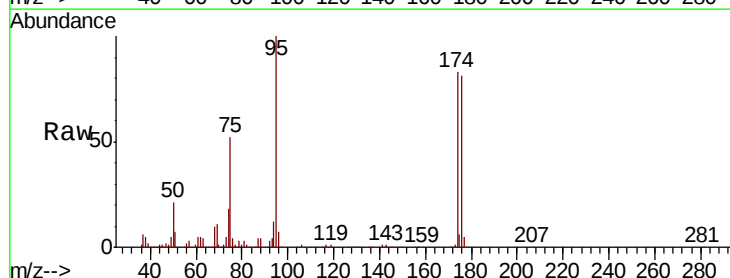
Tgt Ion: 95 Resp: 306489

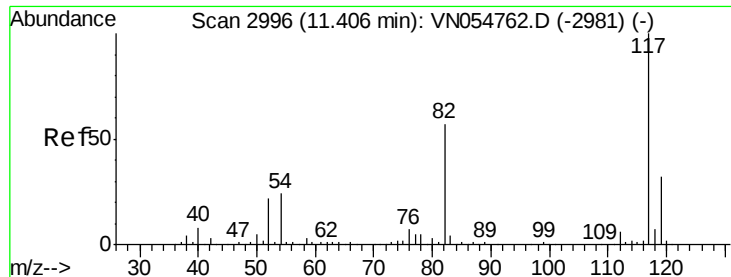
Ion Ratio Lower Upper

95 100

174 85.1 0.0 191.0

176 82.7 0.0 187.4

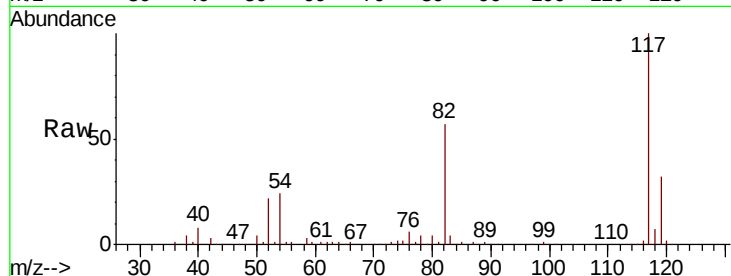




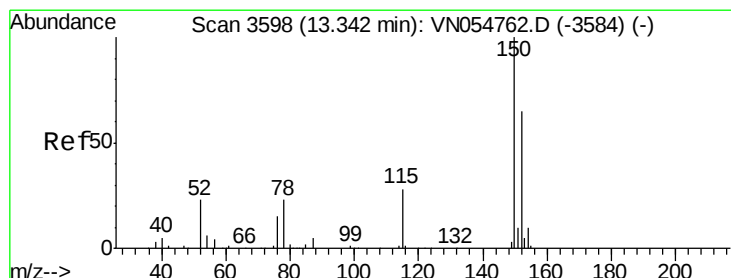
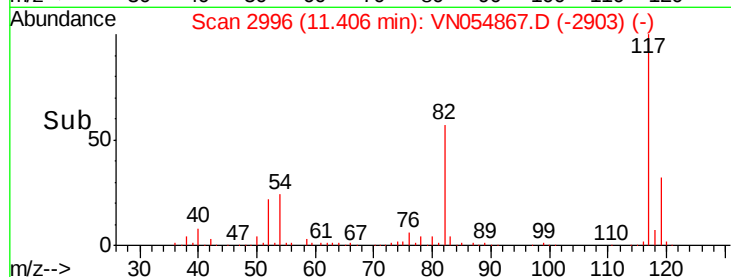
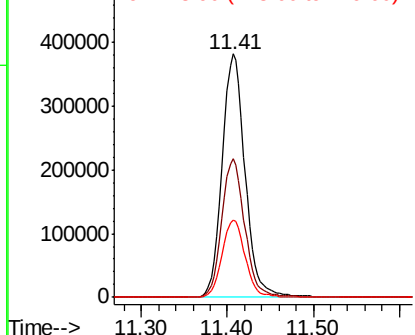
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054867.D
Acq: 1 Apr 2019 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN0401MBL01

Tot Ion:117 Resp: 710982
Ion Ratio Lower Upper
117 100
82 56.7 40.0 60.0
119 31.8 25.8 38.6

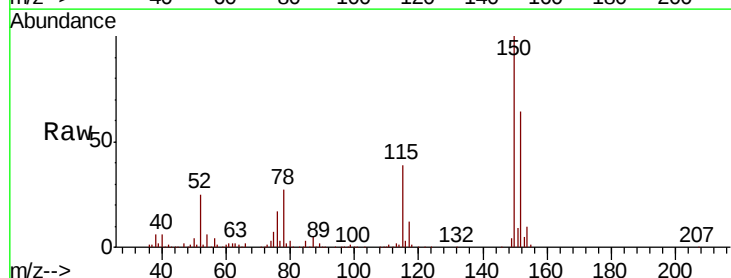


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

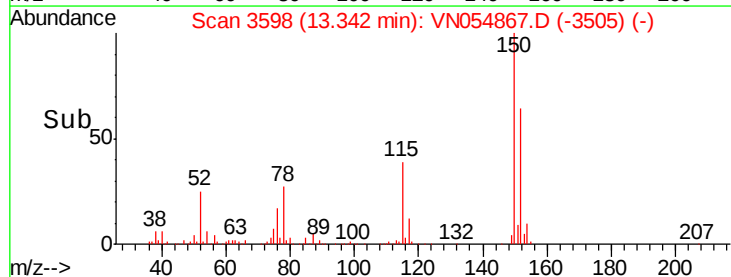
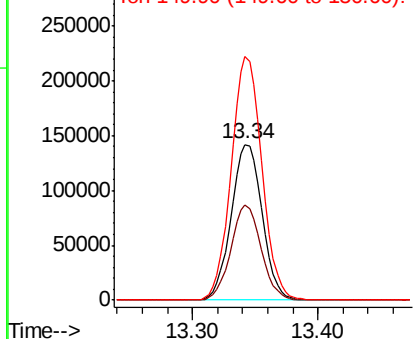


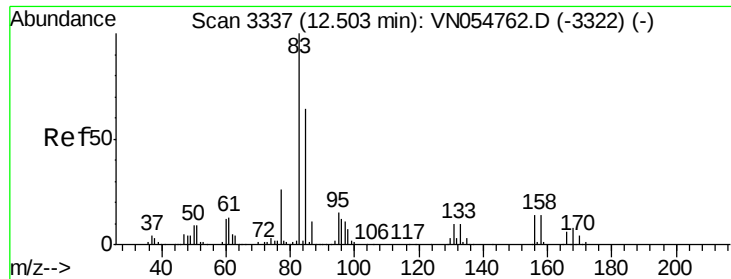
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054867.D
Acq: 1 Apr 2019 11:59

Tgt Ion:152 Resp: 243212
Ion Ratio Lower Upper
152 100
115 59.7 27.2 81.6
150 155.1 0.0 349.2



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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.39 min Scan# 3303

Delta R.T. -0.11 min

Lab File: VN054867.D

Acq: 1 Apr 2019 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0401MBL01

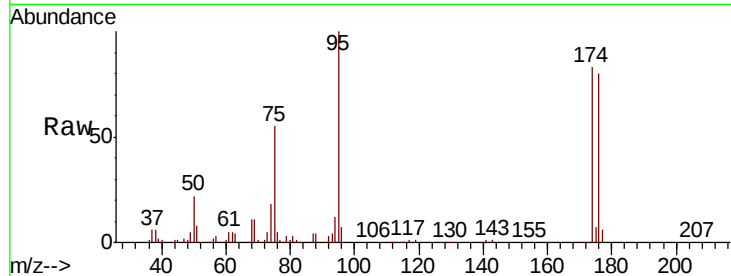
Tot Ion: 83 Resp: 163

Ion Ratio Lower Upper

83 100

131 60.7 5.8 17.4#

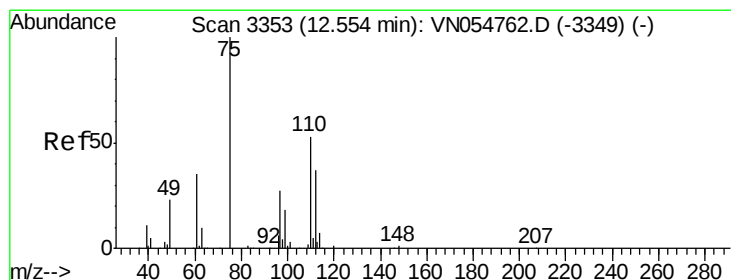
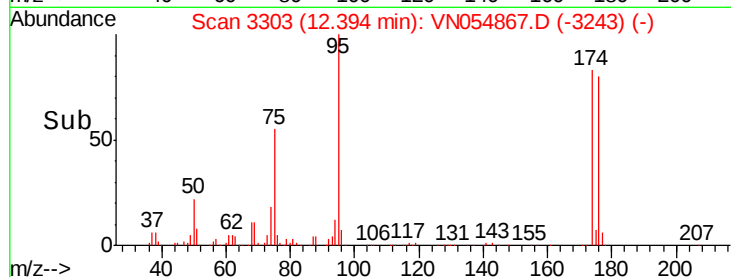
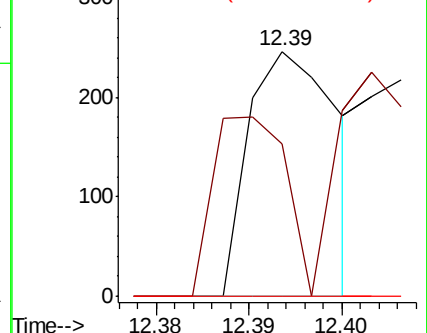
85 0.0 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 38.222 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054867.D

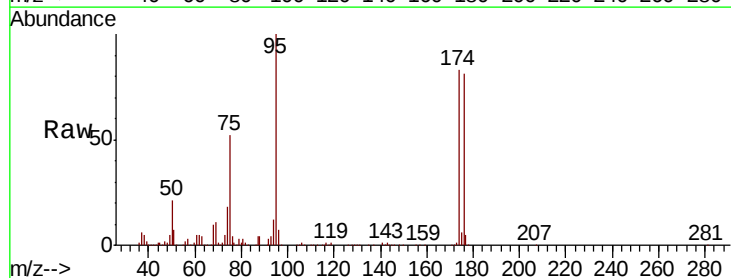
Acq: 1 Apr 2019 11:59

Tgt Ion: 75 Resp: 161493

Ion Ratio Lower Upper

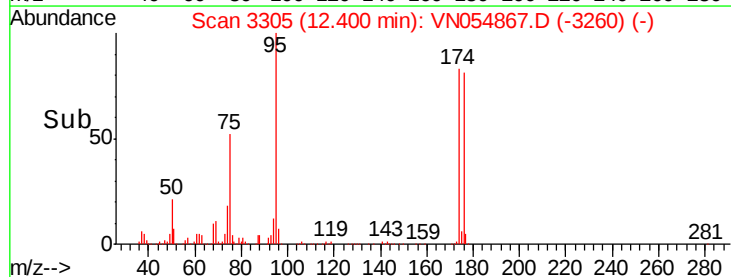
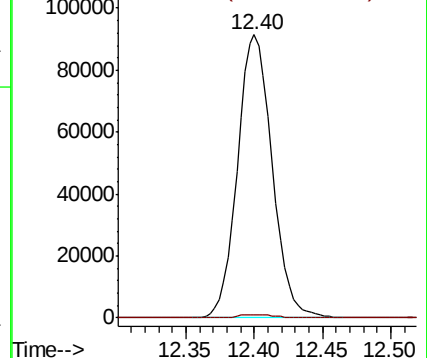
75 100

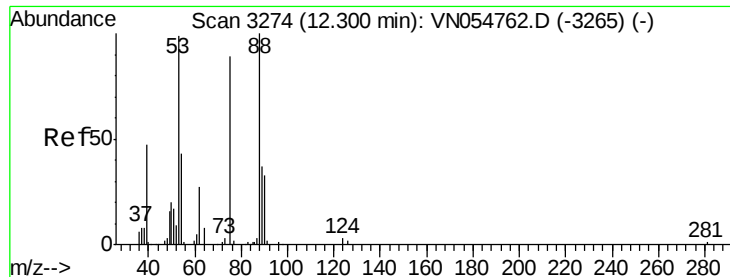
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 148.673 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054867.D

Acq: 1 Apr 2019 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN0401MBL01

Tot Ion: 75 Resp: 161493

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#

