

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052854.D
 Acq On : 13 Dec 2018 10:41
 Operator : MD\SY
 Sample : VN1213MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213MBL01

Quant Time: Dec 14 01:35:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1114660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1733123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1562941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	653910	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	581623	49.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.14%	
35) Dibromofluoromethane	7.59	113	507255	52.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.86%	
50) Toluene-d8	10.09	98	2114237	50.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.40	95	700187	49.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.52%	

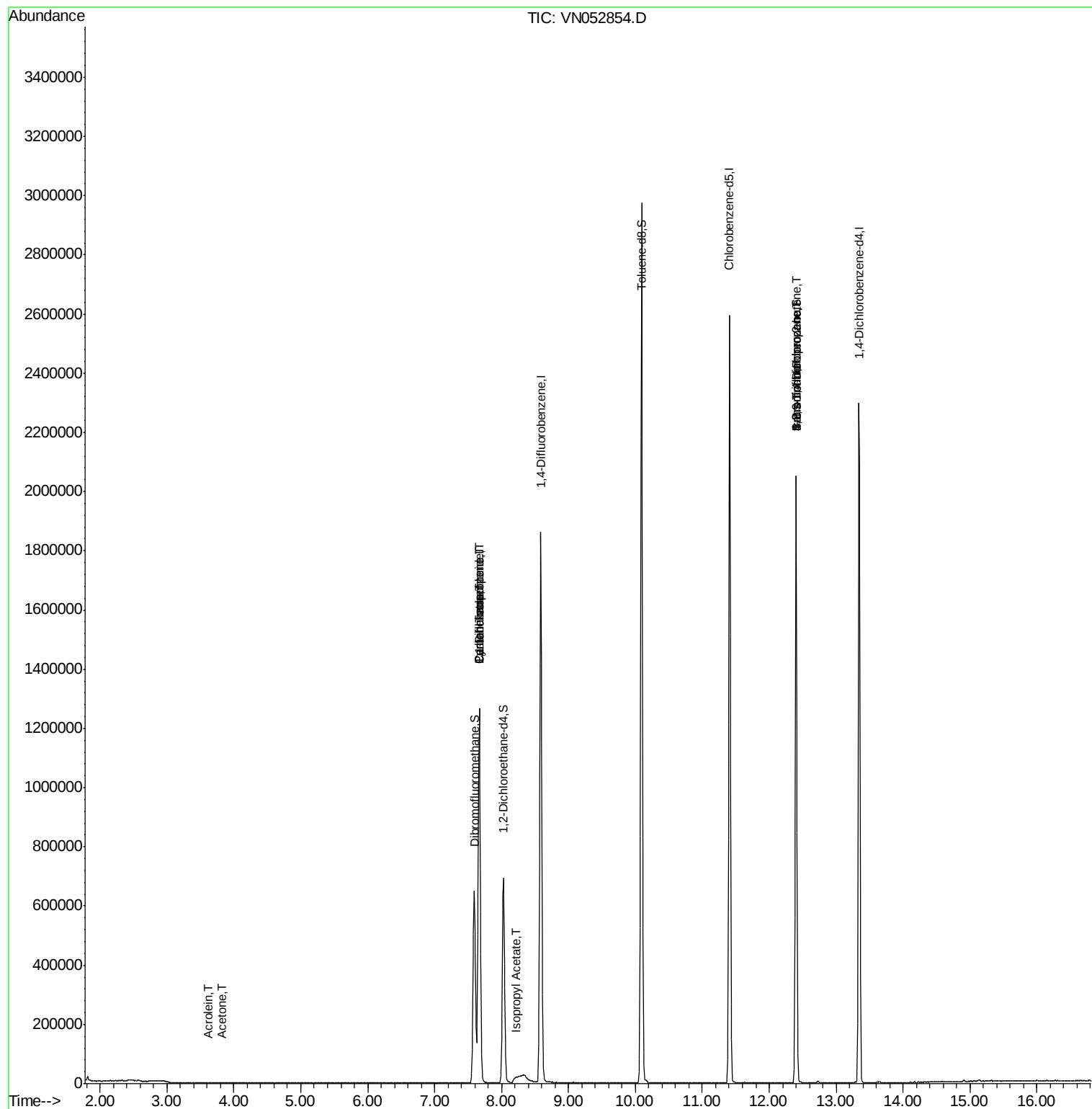
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	625	1.002	ug/l #	40
16) Acetone	3.82	43	802	0.301	ug/l #	43
31) Cyclohexane	7.67	56	17998	0.320	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	75716	4.744	ug/l #	48
38) Carbon Tetrachloride	7.67	117	96245	6.552	ug/l #	16
43) Isopropyl Acetate	8.21	43	22042	1.121	ug/l #	53
71) Bromoform	12.40	173	4730	0.617	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	334689	34.691	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	334689	111.445	ug/l #	12

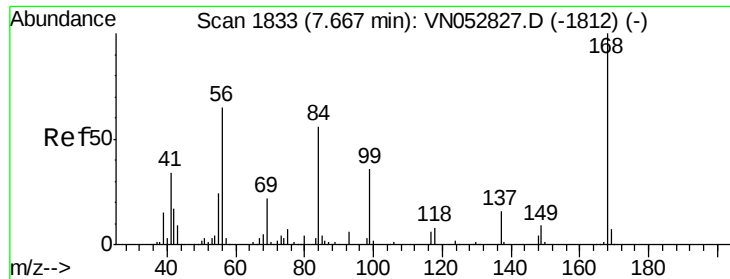
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN121318\
Data File : VN052854.D
Acq On : 13 Dec 2018 10:41
Operator : MD\SY
Sample : VN1213MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1213MBL01

Quant Time: Dec 14 01:35:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 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: VN052854.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_N

ClientSampled :

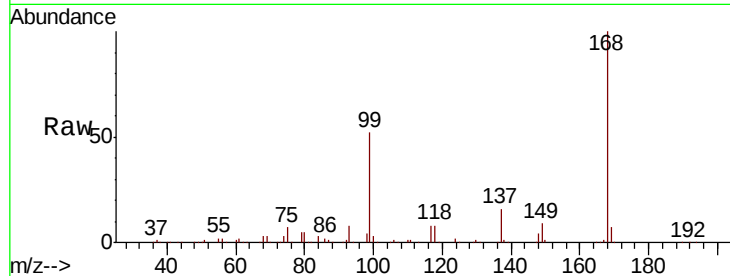
VN1213MBL01

Tot Ion:168 Resp: 1114660

Ion Ratio Lower Upper

168 100

99 51.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

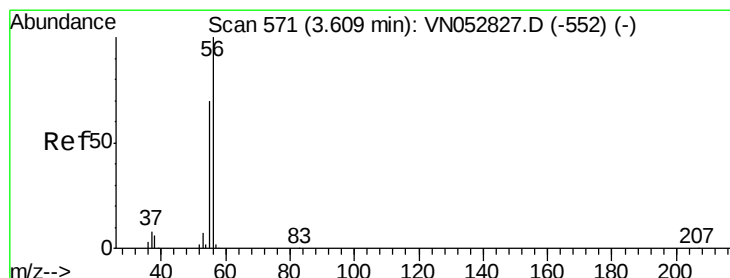
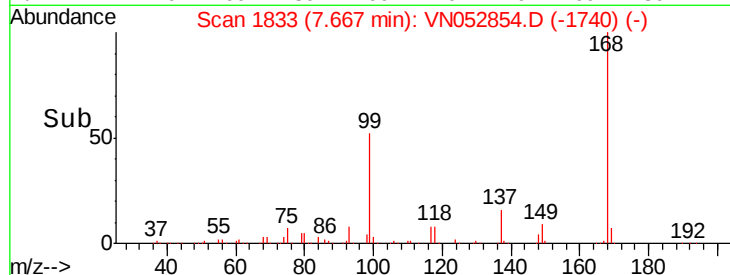
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 1.002 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052854.D

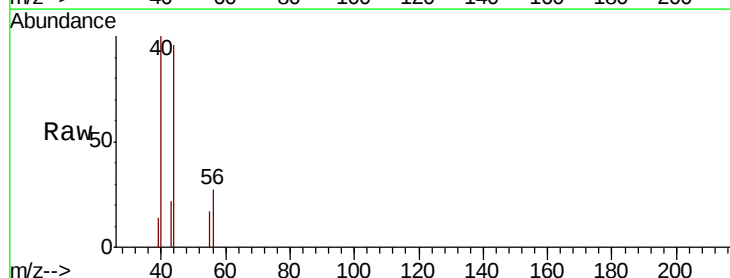
Acq: 13 Dec 2018 10:41

Tgt Ion: 56 Resp: 625

Ion Ratio Lower Upper

56 100

55 21.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

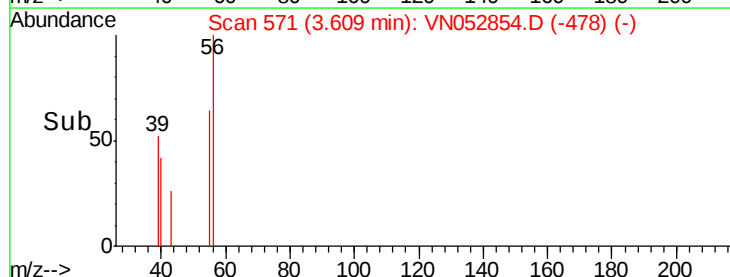
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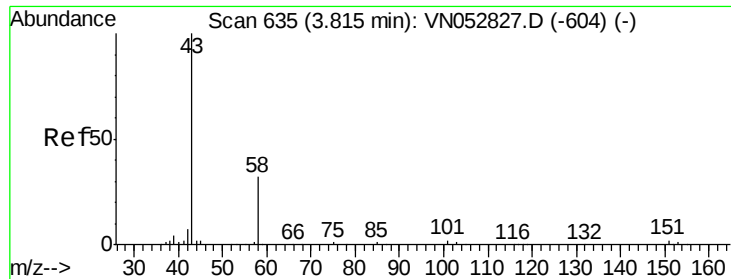
200

100

0

Time-->





#16

Acetone

Concen: 0.301 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052854.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

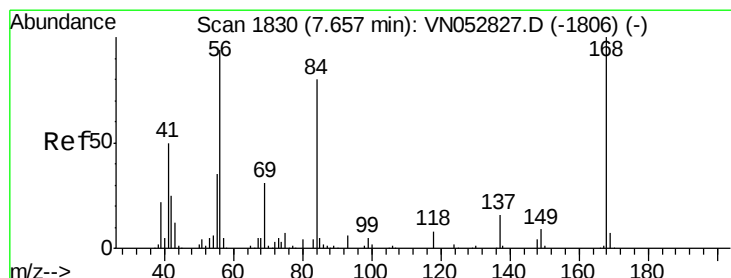
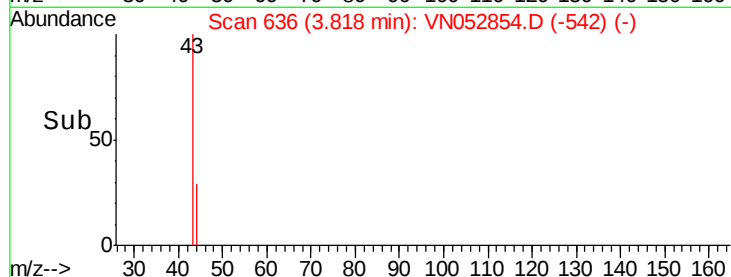
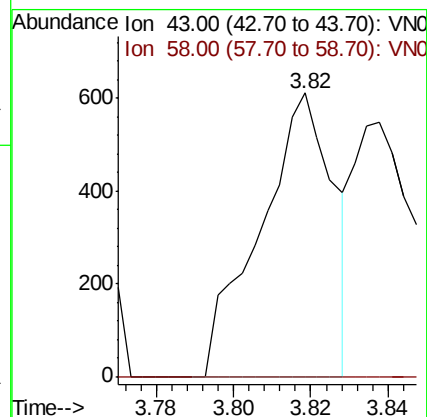
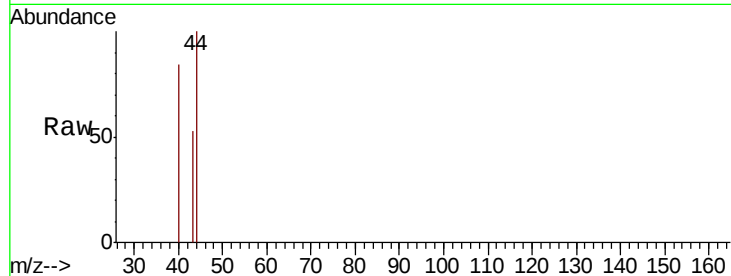
VN1213MBL01

Tot Ion: 43 Resp: 802

Ion Ratio Lower Upper

43 100

58 0.0 25.4 38.0#



#31

Cyclohexane

Concen: 0.320 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN052854.D

Acq: 13 Dec 2018 10:41

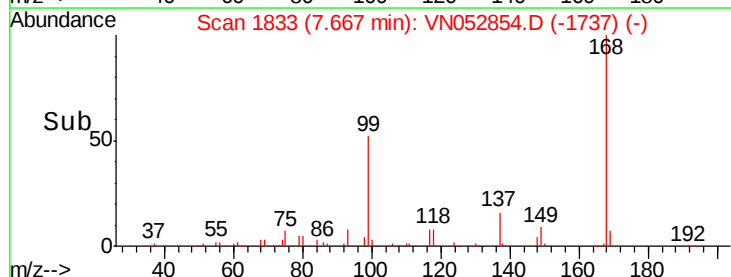
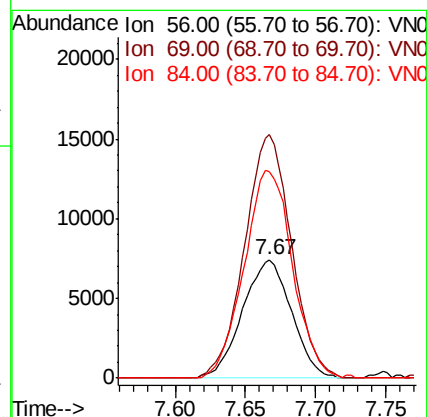
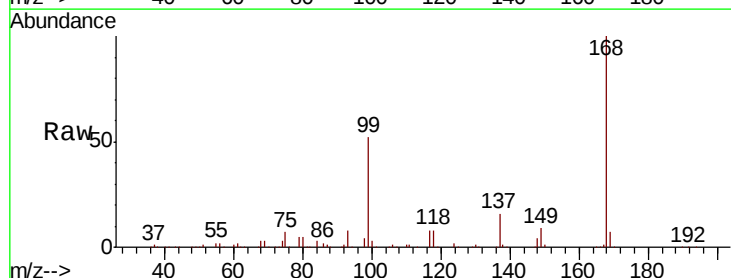
Tgt Ion: 56 Resp: 17998

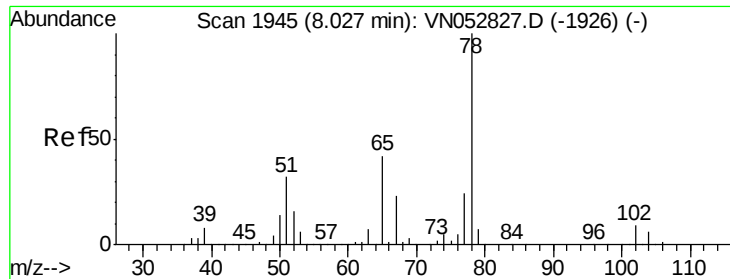
Ion Ratio Lower Upper

56 100

69 205.4 26.6 39.8#

84 174.2 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052854.D

Acq: 13 Dec 2018 10:41

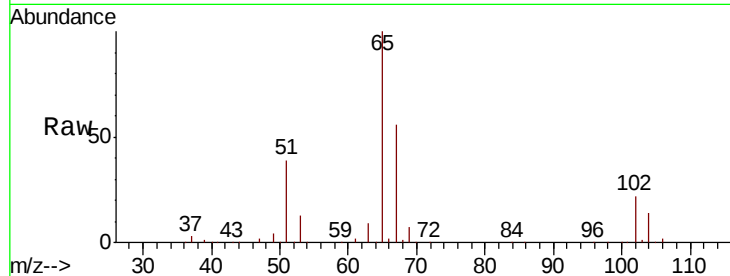
Instrument :
MSVOA_N
ClientSampled :
VN1213MBL01

Tot Ion: 65 Resp: 581623

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN052827.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052827.D (-1926) (-)

8.03

250000

200000

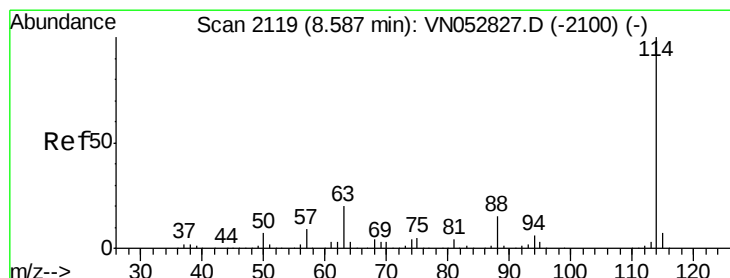
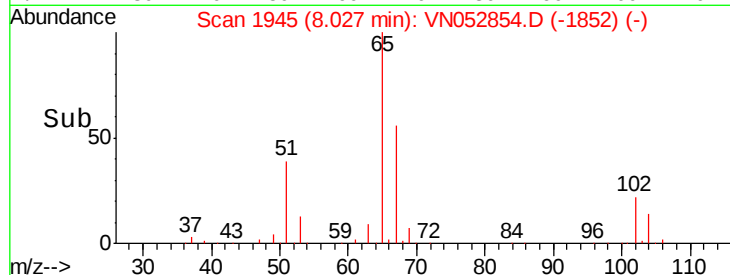
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052854.D

Acq: 13 Dec 2018 10:41

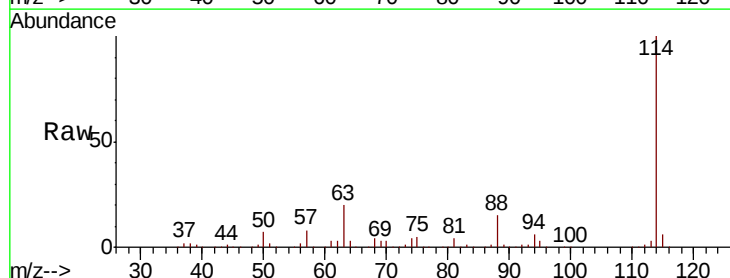
Tgt Ion: 114 Resp: 1733123

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

88 15.4 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN052827.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN052827.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN052827.D (-2100) (-)

8.59

1000000

800000

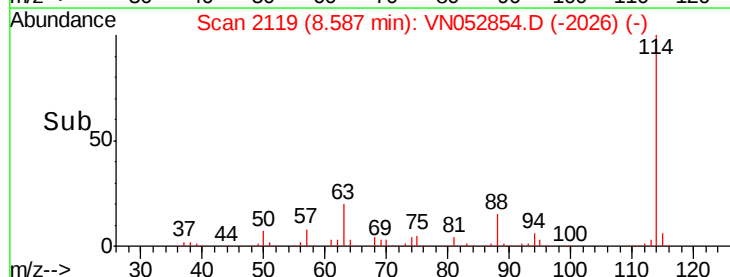
600000

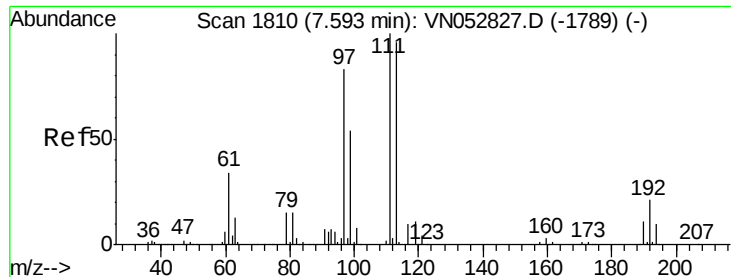
400000

200000

0

Time-->

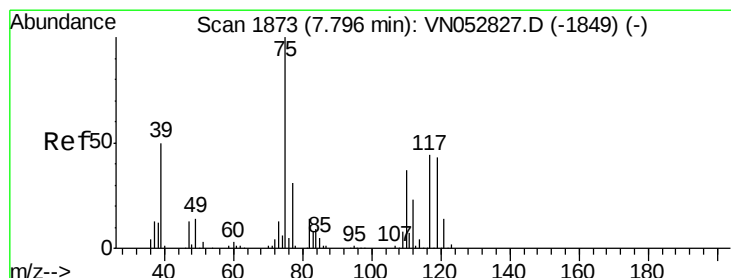
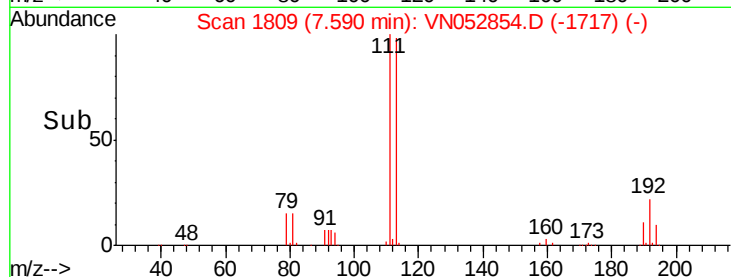
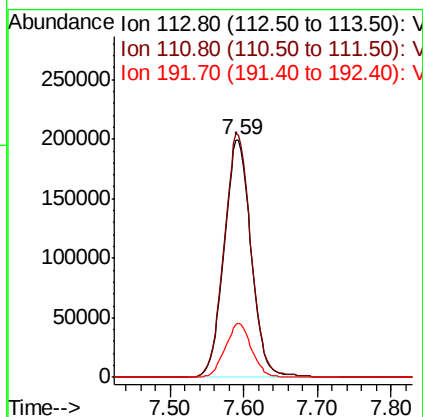
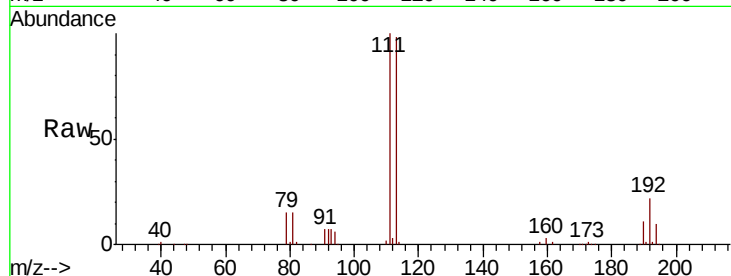




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052854.D
 Acq: 13 Dec 2018 10:41

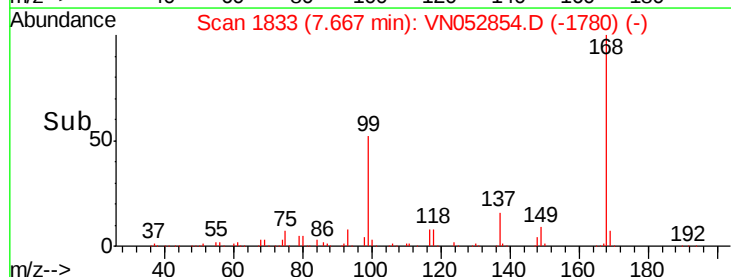
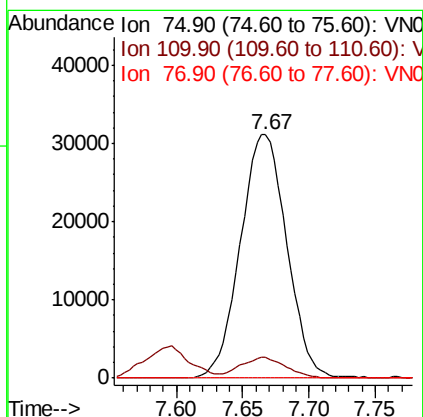
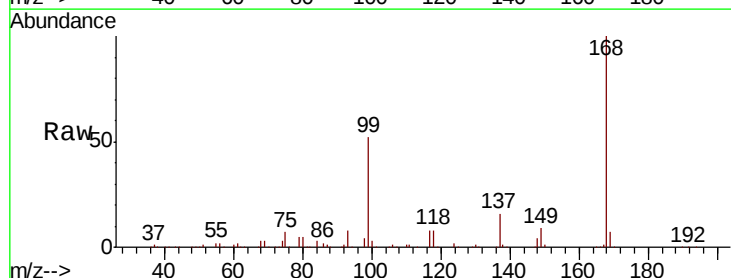
Instrument :
 MSVOA_N
 ClientSampled :
 VN1213MBL01

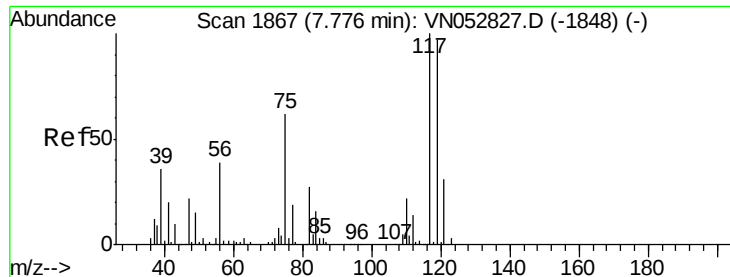
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.4
192	22.1	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.744 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052854.D
 Acq: 13 Dec 2018 10:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.2	54.6#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.552 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052854.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_N

ClientSampled :

VN1213MBL01

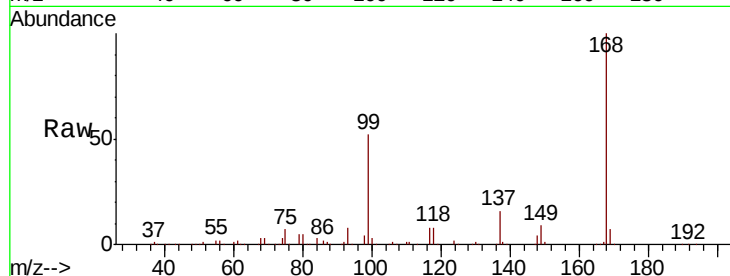
Tot Ion:117 Resp: 96245

Ion Ratio Lower Upper

117 100

119 5.6 77.1 115.7#

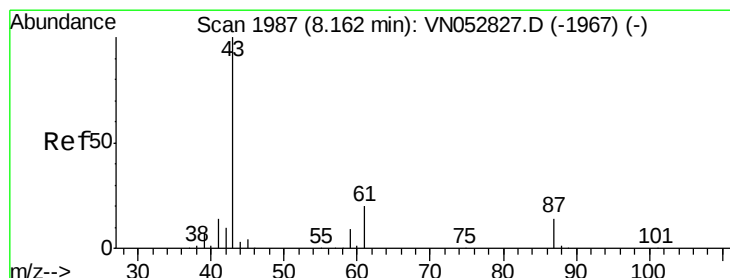
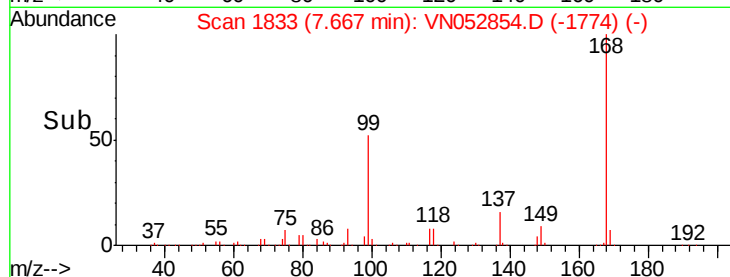
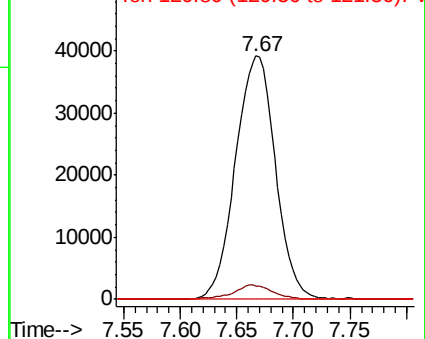
121 0.0 24.9 37.3#



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



#43

Isopropyl Acetate

Concen: 1.121 ug/l

RT: 8.21 min Scan# 2003

Delta R.T. 0.05 min

Lab File: VN052854.D

Acq: 13 Dec 2018 10:41

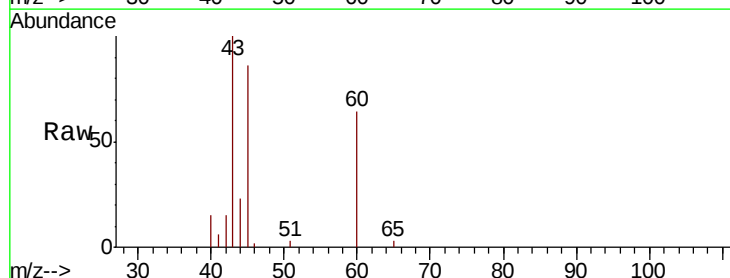
Tgt Ion: 43 Resp: 22042

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

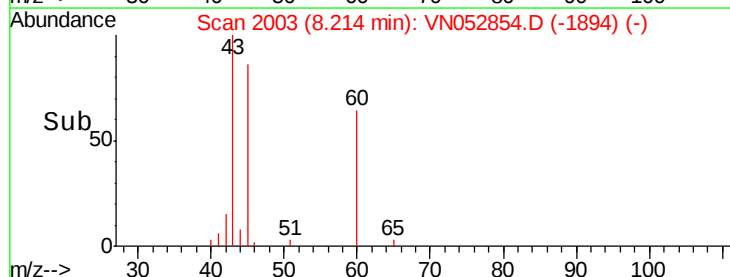
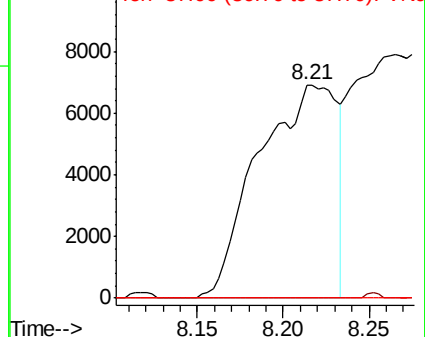
87 0.0 10.6 15.8#

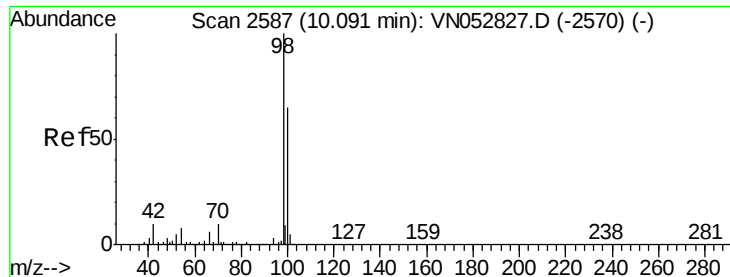


Abundance Ion 43.00 (42.70 to 43.70): V

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: VN052854.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

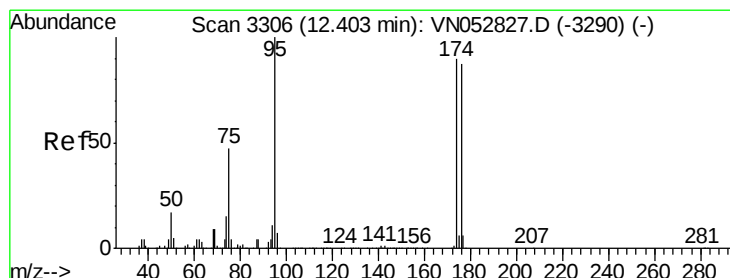
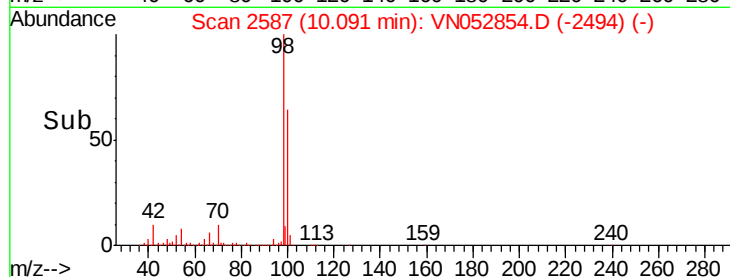
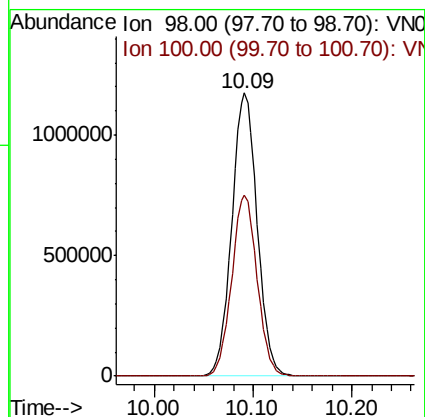
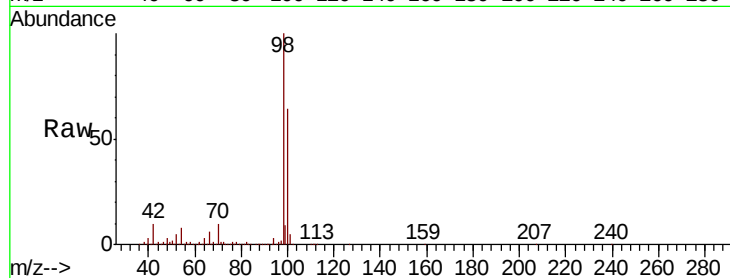
VN1213MBL01

Tot Ion: 98 Resp: 2114237

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052854.D

Acq: 13 Dec 2018 10:41

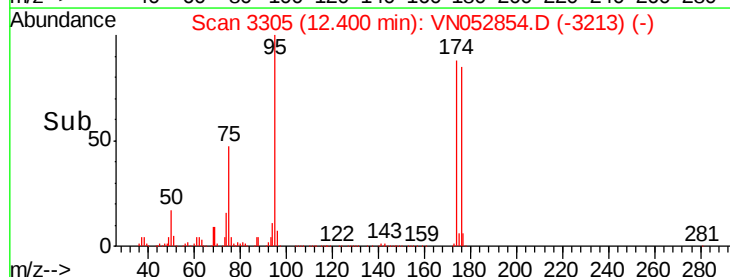
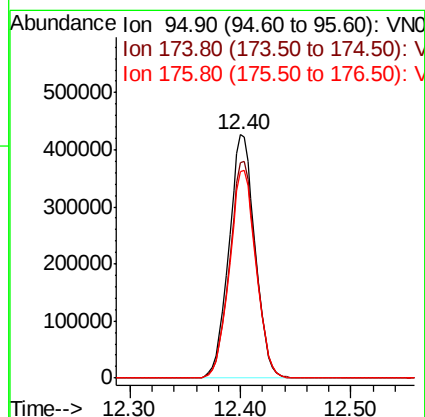
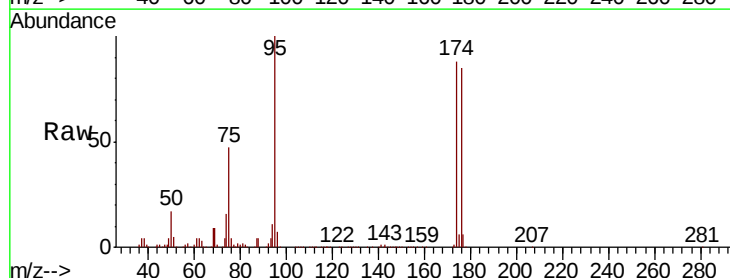
Tgt Ion: 95 Resp: 700187

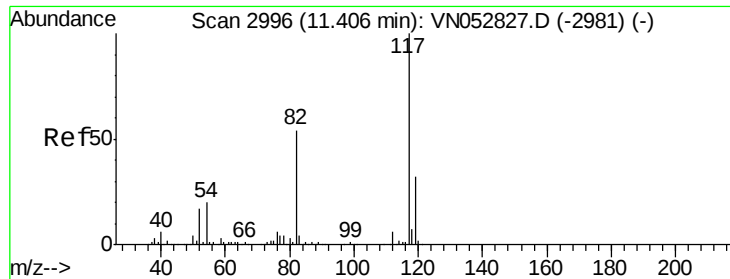
Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.8

176 86.4 0.0 173.8

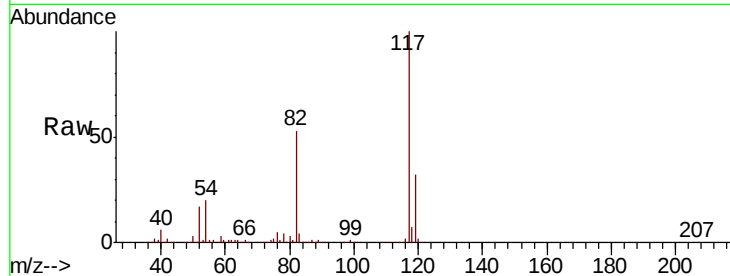




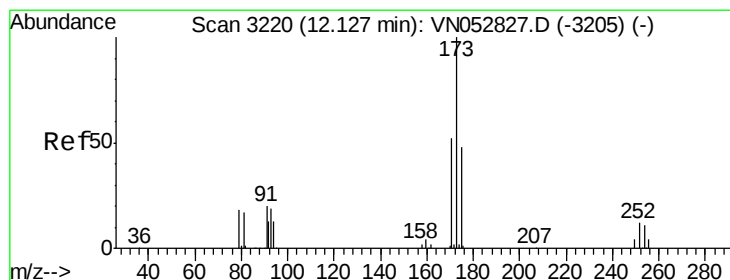
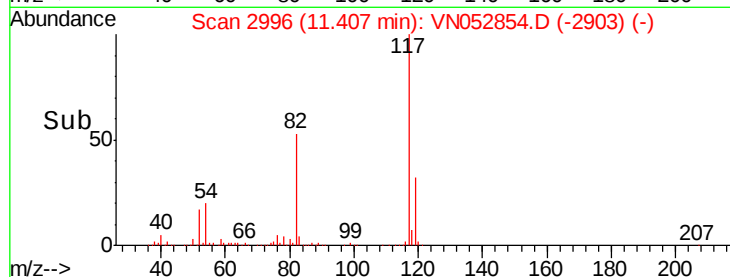
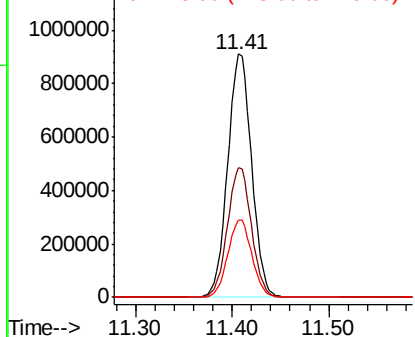
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052854.D
Acq: 13 Dec 2018 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN1213MBL01

Tot Ion:117 Resp: 1562941
Ion Ratio Lower Upper
117 100
82 53.5 42.8 64.2
119 31.9 25.5 38.3

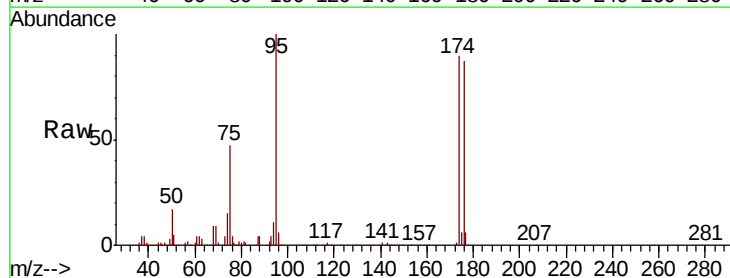


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

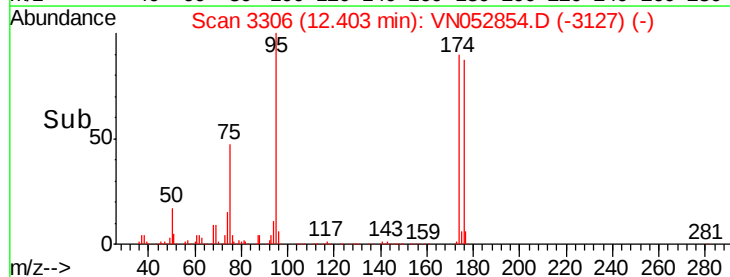
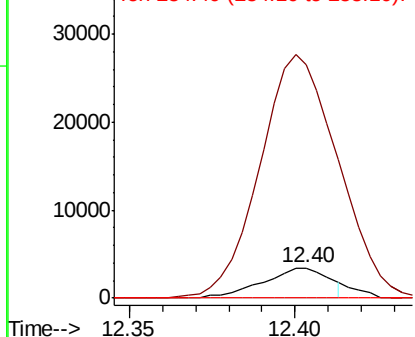


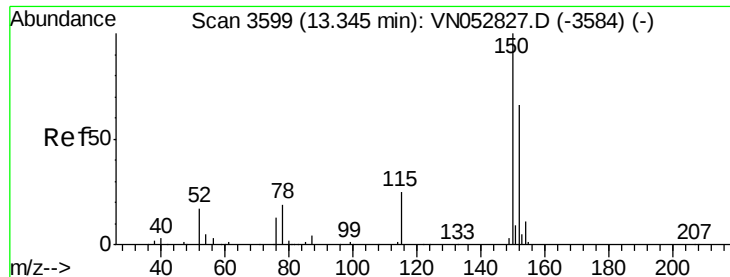
#71
Bromoform
Concen: 0.617 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052854.D
Acq: 13 Dec 2018 10:41

Tgt Ion:173 Resp: 4730
Ion Ratio Lower Upper
173 100
175 842.5 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: VN052854.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN1213MBL01

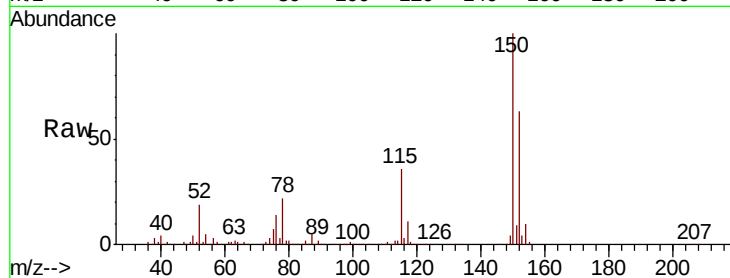
Tot Ion:152 Resp: 653910

Ion Ratio Lower Upper

152 100

115 56.6 28.3 85.0

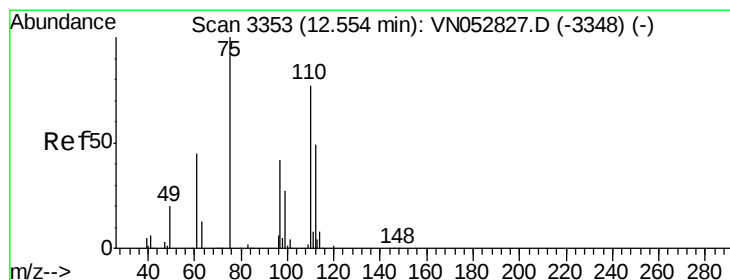
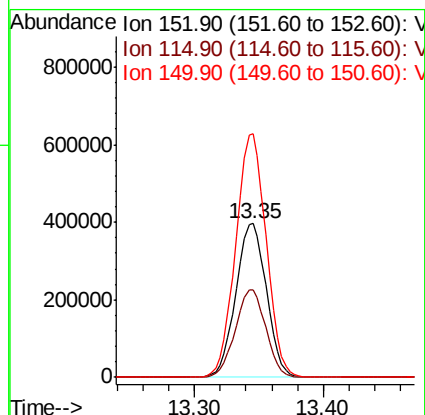
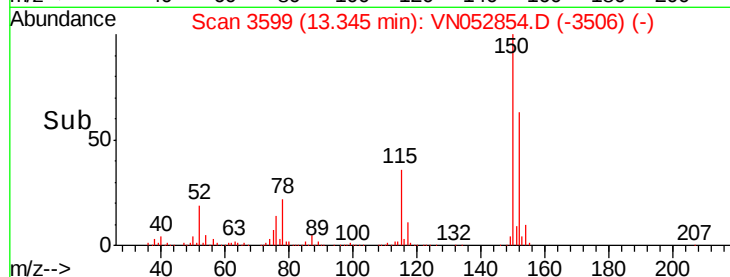
150 157.4 0.0 347.8



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: 34.691 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052854.D

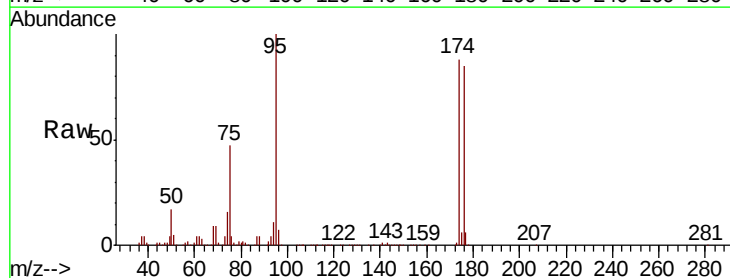
Acq: 13 Dec 2018 10:41

Tgt Ion: 75 Resp: 334689

Ion Ratio Lower Upper

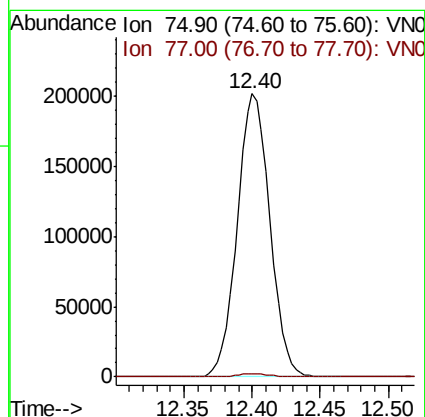
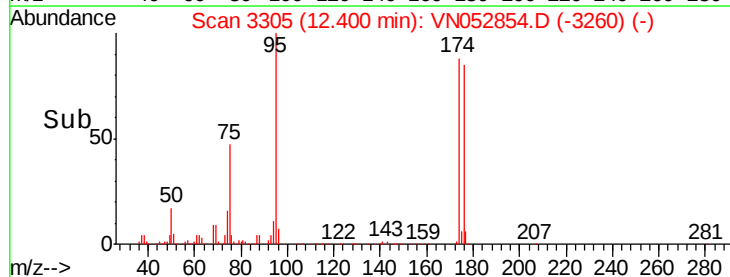
75 100

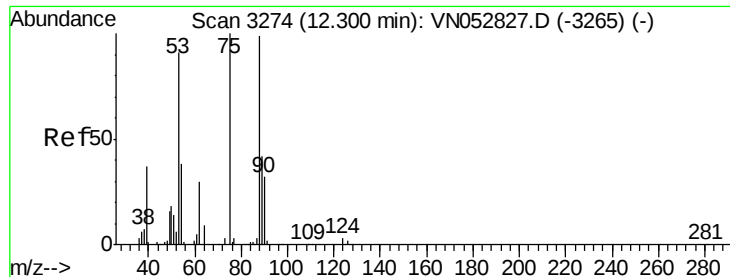
77 1.2 0.0 0.0#



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: 111.445 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052854.D

Acq: 13 Dec 2018 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN1213MBL01

Tot Ion: 75 Resp: 334689

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 36.1 54.1#

