

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\
 Data File : VN053125.D
 Acq On : 22 Dec 2018 11:51
 Operator : MD\SY
 Sample : VN1222MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBL01

Quant Time: Dec 23 23:01:30 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	1297971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1997747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1792740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	731841	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	636207	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
35) Dibromofluoromethane	7.59	113	537272	58.87	ug/l	0.00
Spiked Amount			Recovery	=	117.74%	
50) Toluene-d8	10.09	98	2421760	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.40	95	811177	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	

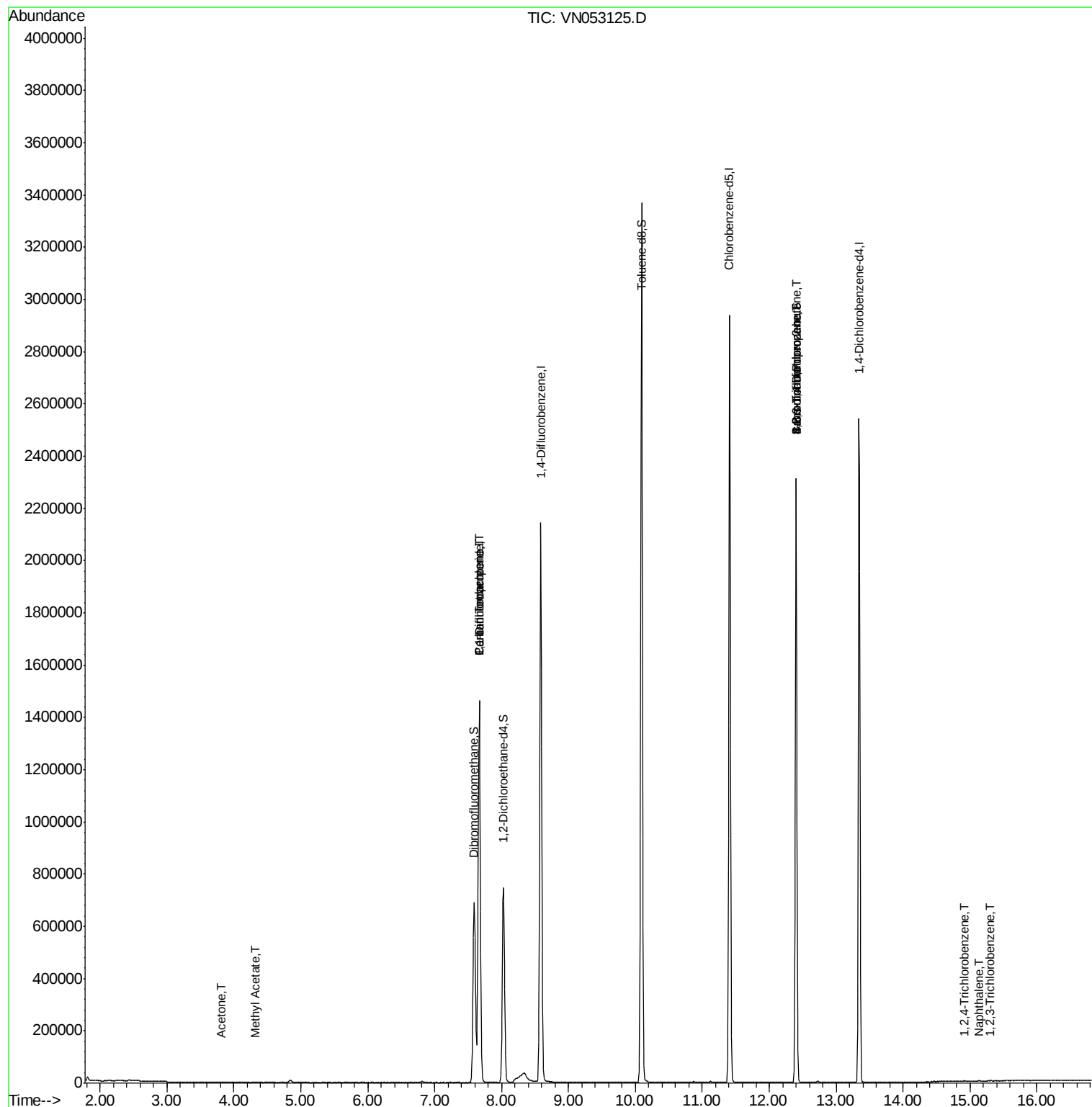
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	1044	0.404	ug/l #	43
18) Methyl Acetate	4.32	43	761	1.056	ug/l #	51
31) Cyclohexane	7.67	56	20277	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	84324	4.398	ug/l #	48
38) Carbon Tetrachloride	7.67	117	111090	6.321	ug/l #	16
43) Isopropyl Acetate	8.22	43	12949	Below Cal	#	53
71) Bromoform	12.40	173	4453	0.446	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	377093	30.609	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	377093	98.656	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.90	180	646	0.645	ug/l #	87
94) Hexachlorobutadiene	15.01	225	97	Below Cal	#	19
95) Naphthalene	15.13	128	1742	1.206	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.31	180	658	0.563	ug/l #	75

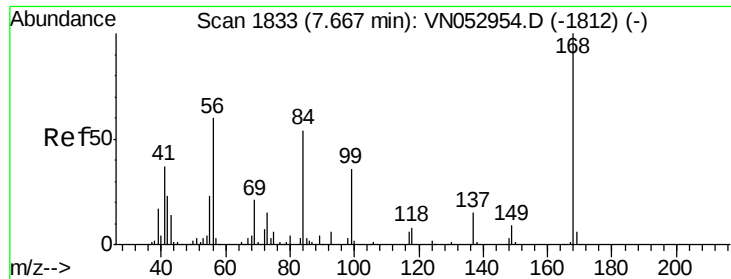
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122218\
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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: VN053125.D

Acq: 22 Dec 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

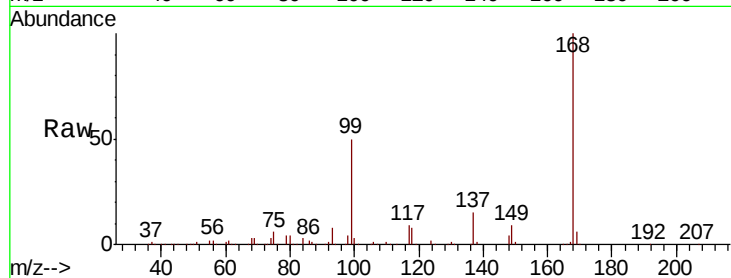
VN1222MBL01

Tot Ion:168 Resp: 1297971

Ion Ratio Lower Upper

168 100

99 50.1 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

600000

500000

400000

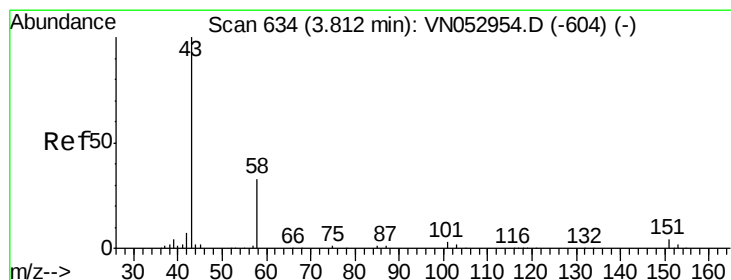
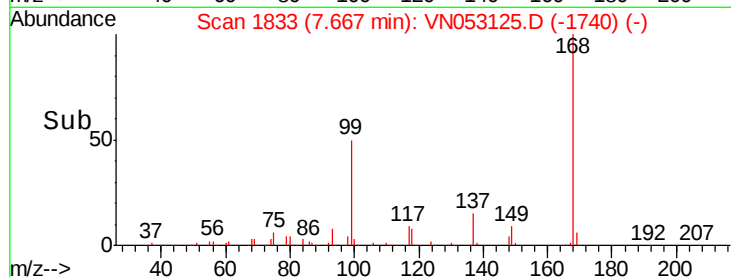
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 0.404 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053125.D

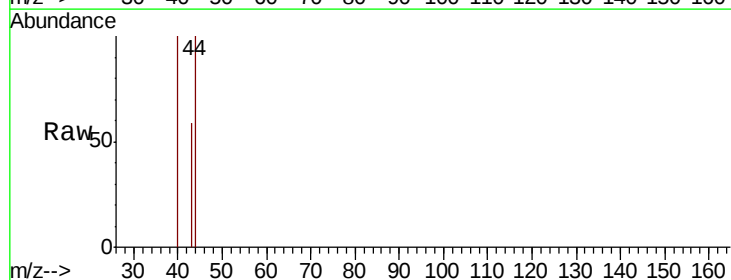
Acq: 22 Dec 2018 11:51

Tgt Ion: 43 Resp: 1044

Ion Ratio Lower Upper

43 100

58 0.0 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

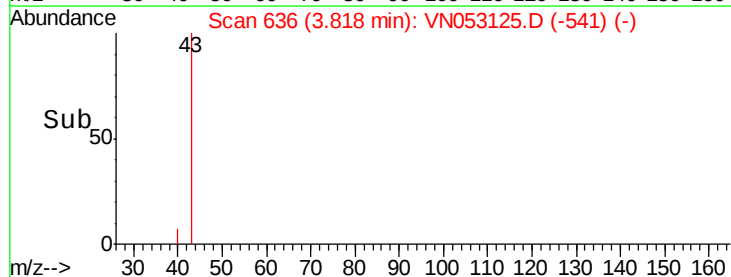
600

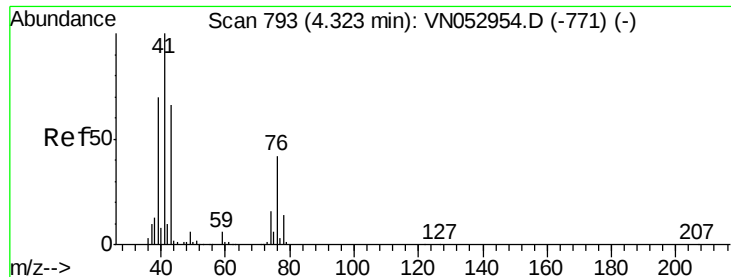
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200

0

Time-->

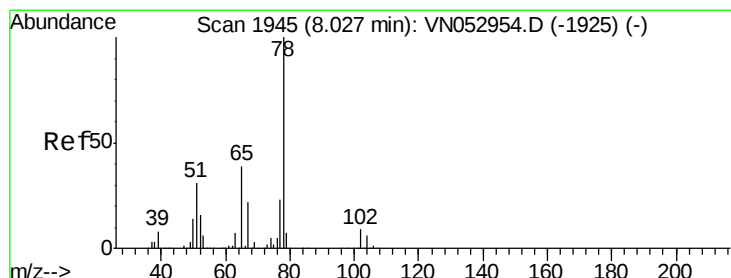
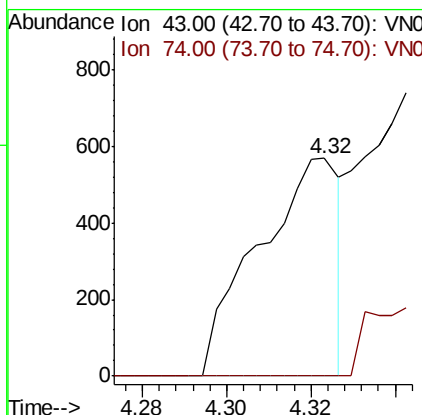
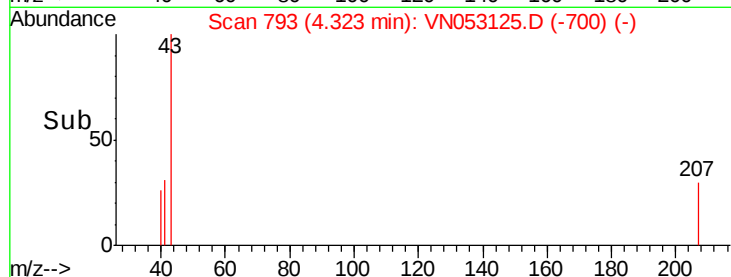
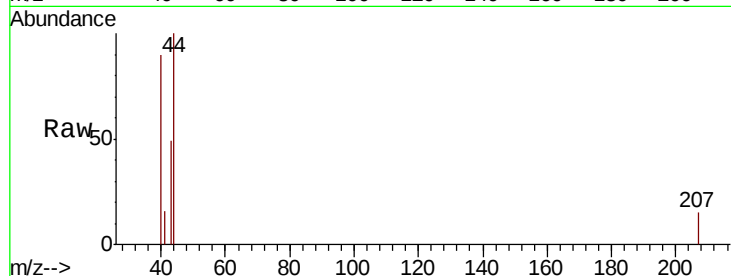




#18
Methyl Acetate
Concen: 1.056 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053125.D
Acq: 22 Dec 2018 11:51

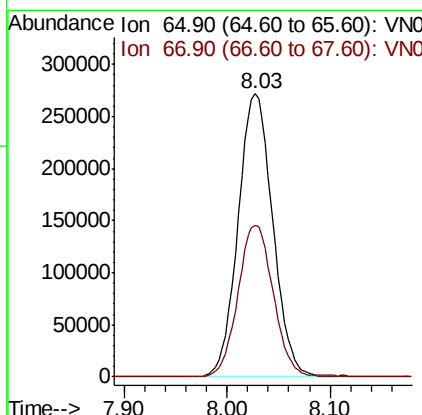
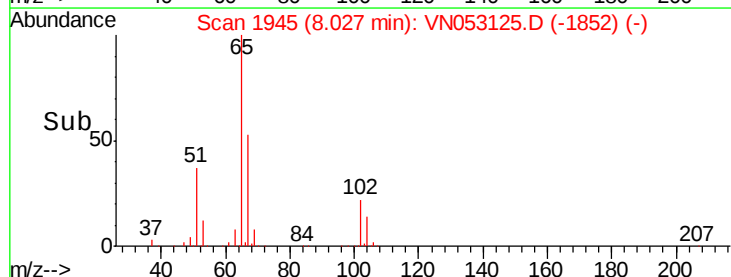
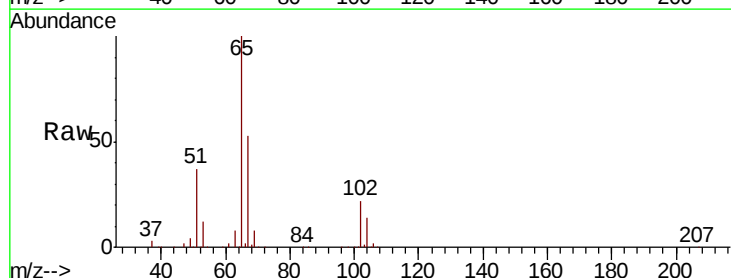
Instrument :
MSVOA_N
ClientSampleId :
VN1222MBL01

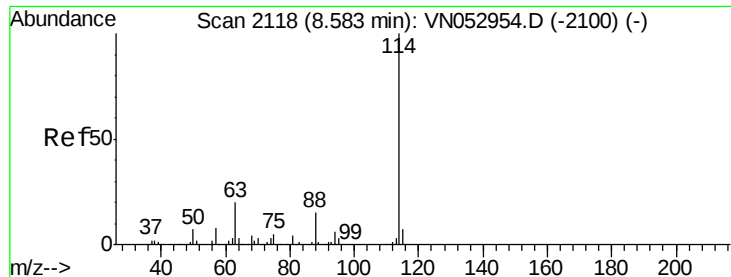
Tot Ion: 43 Resp: 761
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053125.D
Acq: 22 Dec 2018 11:51

Tgt Ion: 65 Resp: 636207
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.4

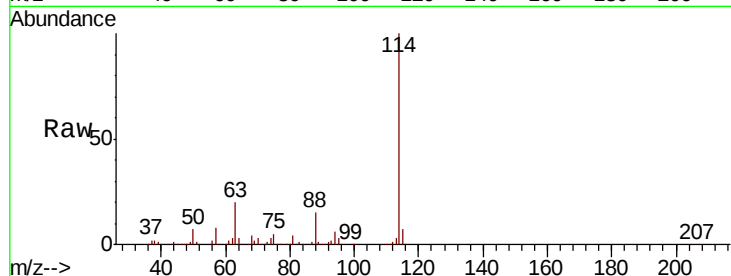




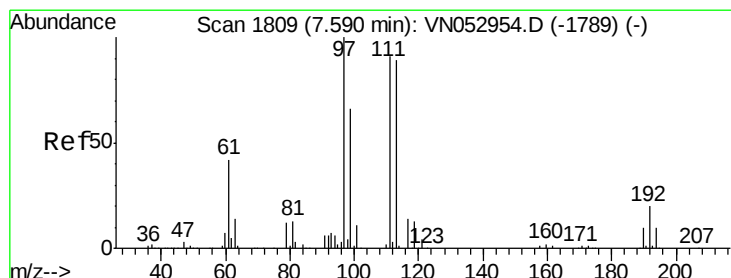
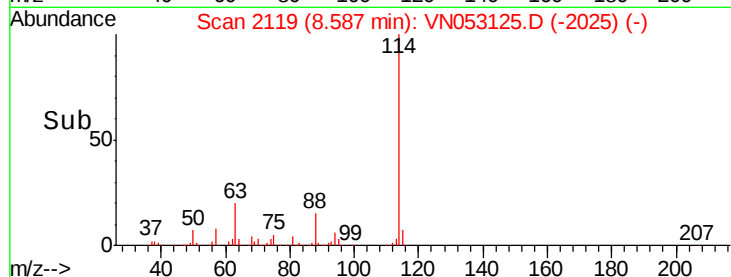
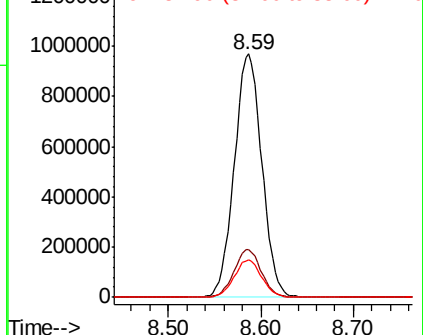
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053125.D
 Acq: 22 Dec 2018 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBL01

Tot Ion:114 Resp: 1997747
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.3 0.0 31.0

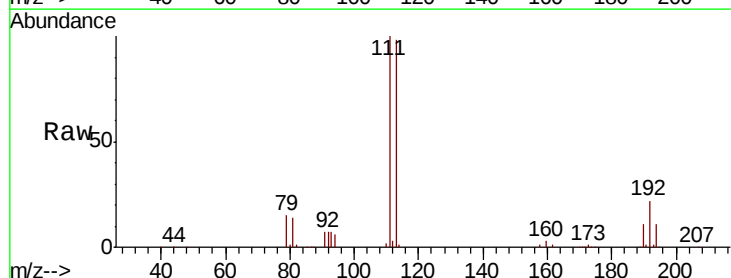


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

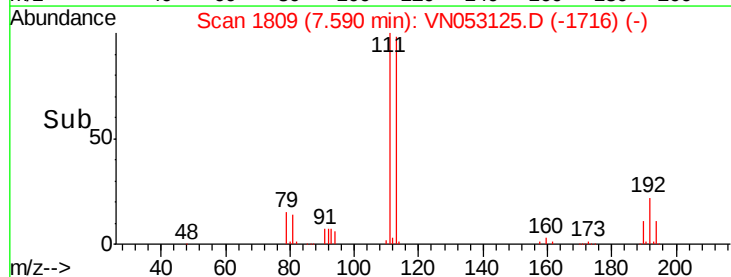
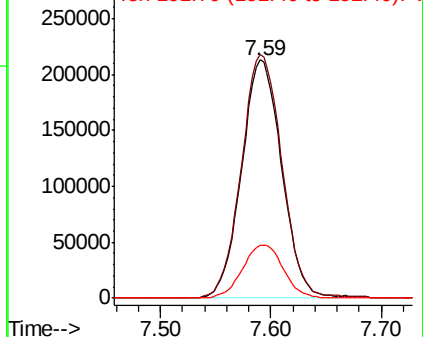


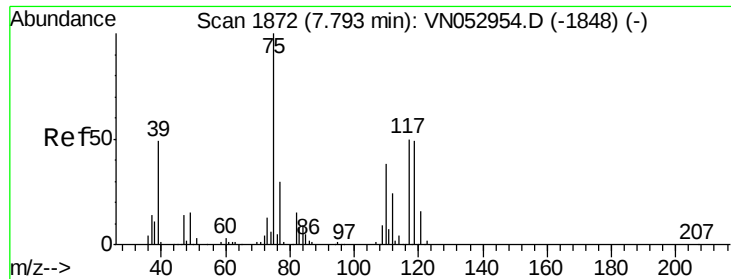
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053125.D
 Acq: 22 Dec 2018 11:51

Tgt Ion:113 Resp: 537272
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.0 124.4
 192 22.6 17.5 26.3



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

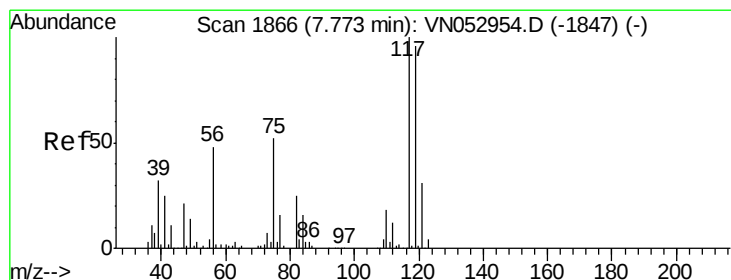
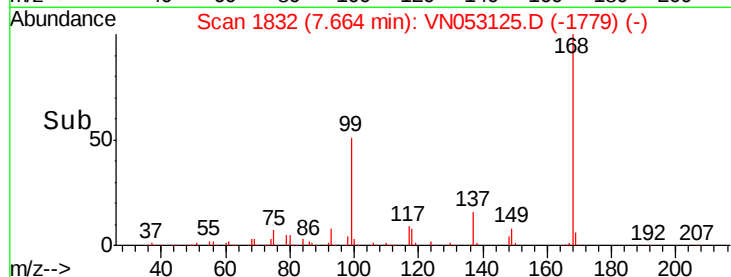
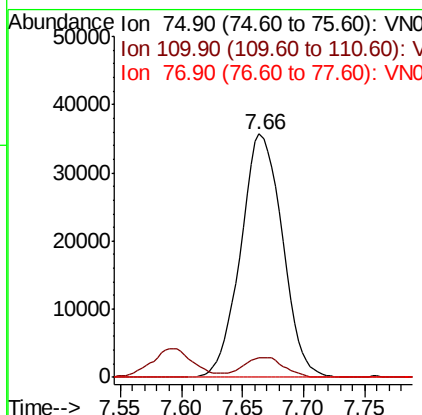
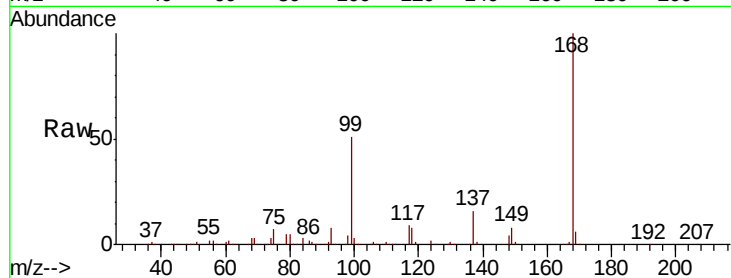




#36
 1,1-Dichloropropene
 Concen: 4.398 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053125.D
 Acq: 22 Dec 2018 11:51

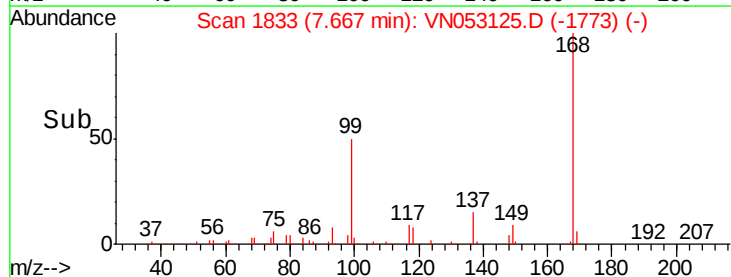
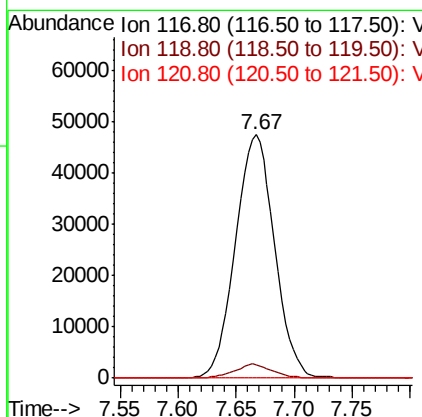
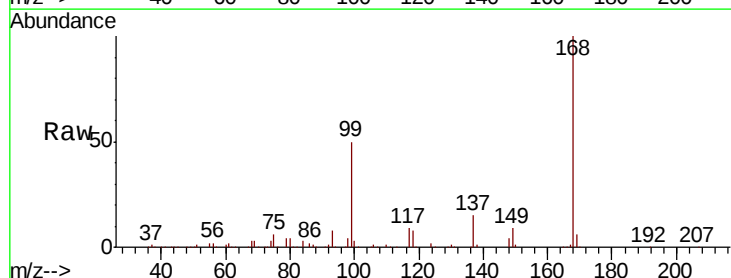
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBL01

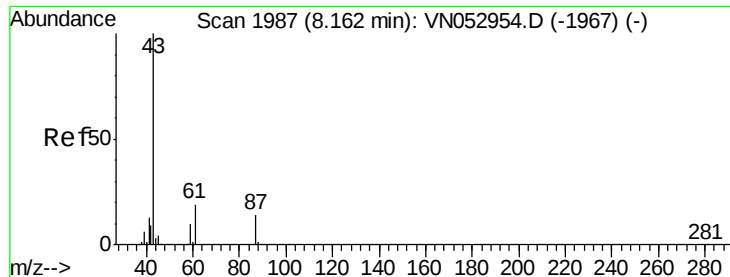
Tot Ion	75	Resp	84324
Ion Ratio	100	Lower	Upper
75	100		
110	8.1	18.2	54.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.321 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053125.D
 Acq: 22 Dec 2018 11:51

Tgt Ion	117	Resp	111090
Ion Ratio	100	Lower	Upper
117	100		
119	5.5	77.1	115.7#
121	0.0	24.9	37.3#



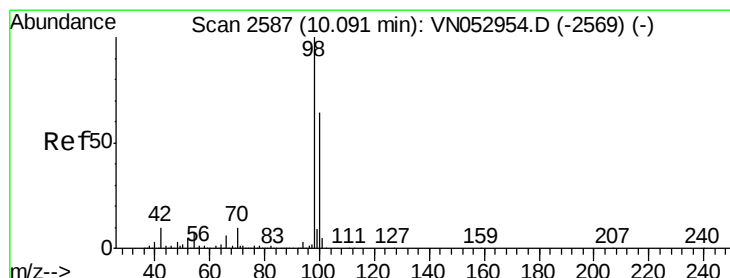
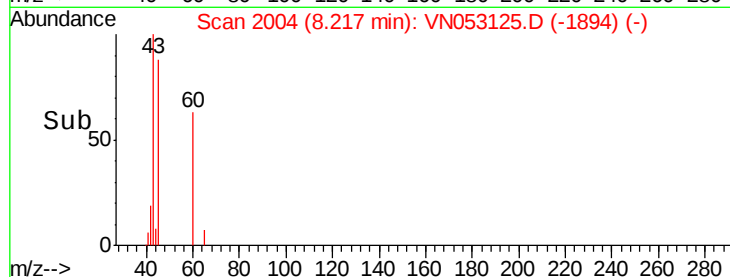
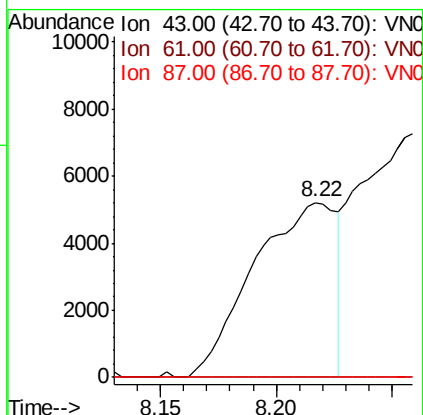
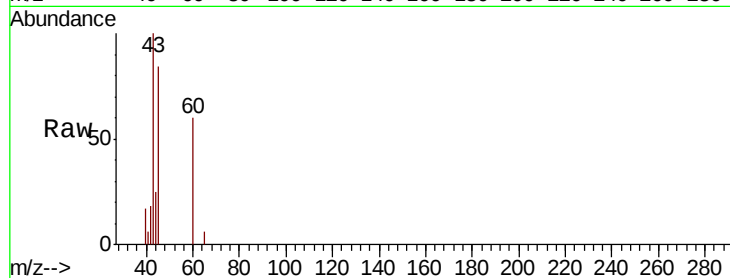


#43

Isopropyl Acetate
 Concen: Below Cal
 RT: 8.22 min Scan# 2004
 Delta R.T. 0.05 min
 Lab File: VN053125.D
 Acq: 22 Dec 2018 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBL01

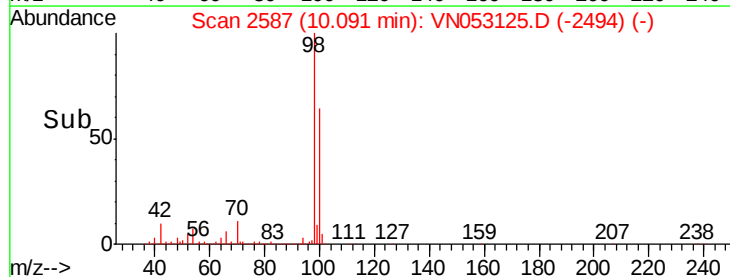
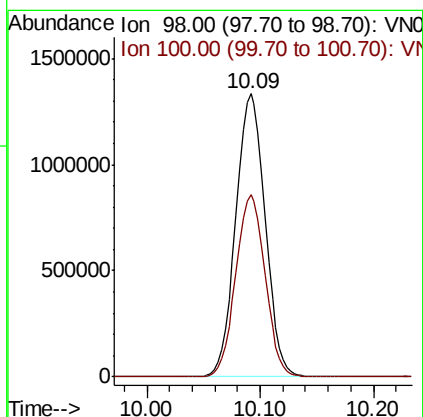
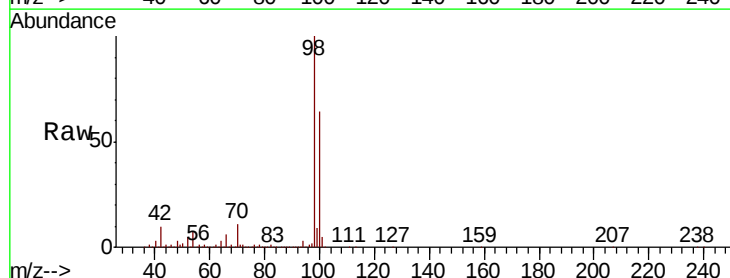
Tot Ion	43	Resp	12949
Ion Ratio	Lower	Upper	
43	100		
61	0.0	22.9	34.3#
87	0.0	10.6	15.8#

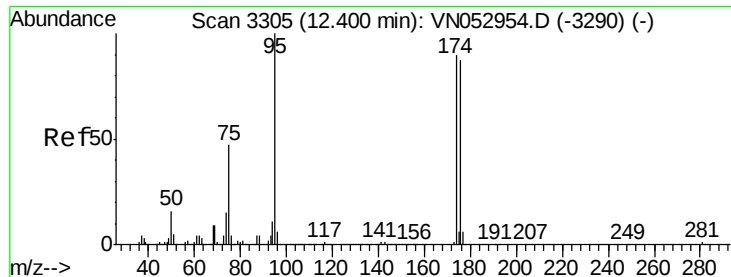


#50

Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053125.D
 Acq: 22 Dec 2018 11:51

Tgt Ion	98	Resp	2421760
Ion Ratio	Lower	Upper	
98	100		
100	64.3	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: VN053125.D

Acq: 22 Dec 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1222MBL01

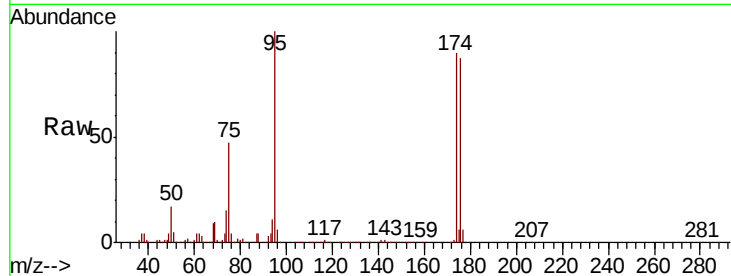
Tot Ion: 95 Resp: 811177

Ion Ratio Lower Upper

95 100

174 90.1 0.0 178.8

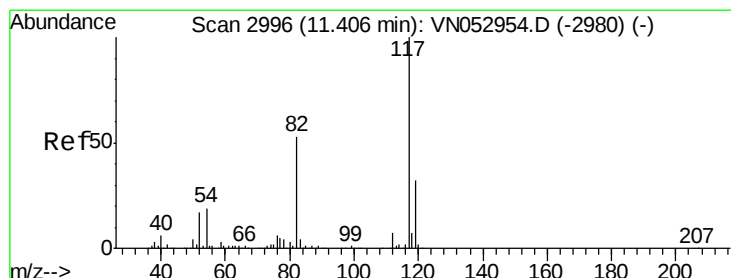
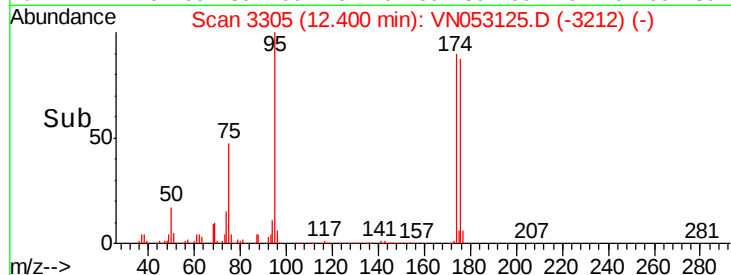
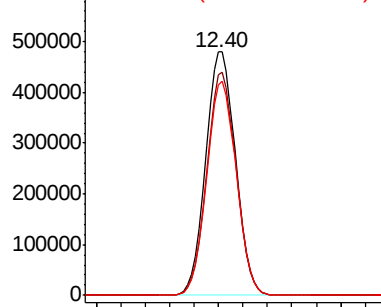
176 87.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053125.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053125.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053125.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053125.D

Acq: 22 Dec 2018 11:51

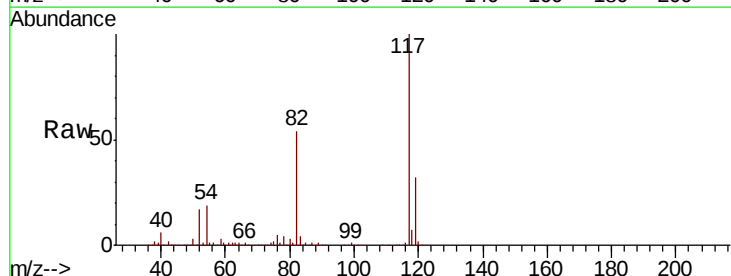
Tgt Ion: 117 Resp: 1792740

Ion Ratio Lower Upper

117 100

82 54.1 42.8 64.2

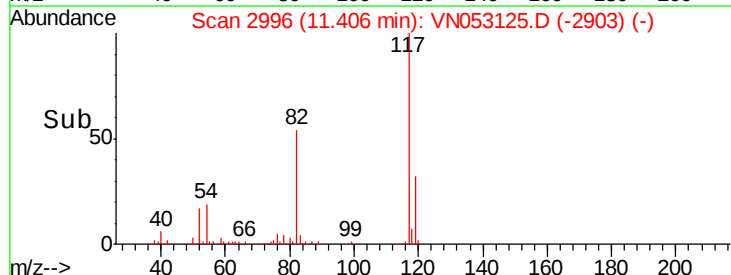
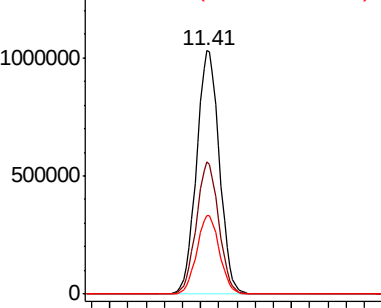
119 32.4 25.5 38.3

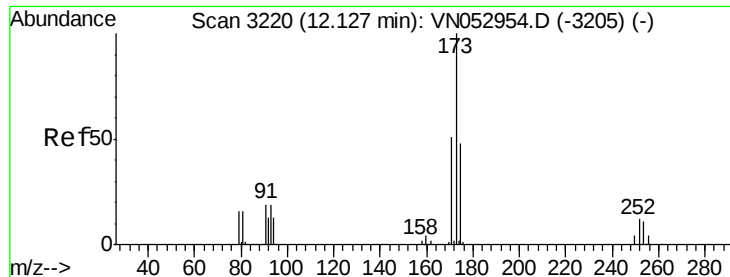


Abundance Ion 116.90 (116.60 to 117.60): VN053125.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053125.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053125.D (-2903) (-)

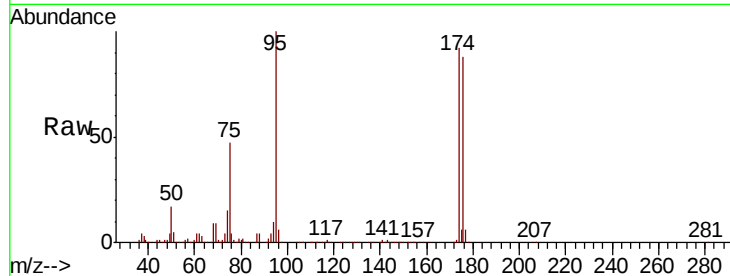




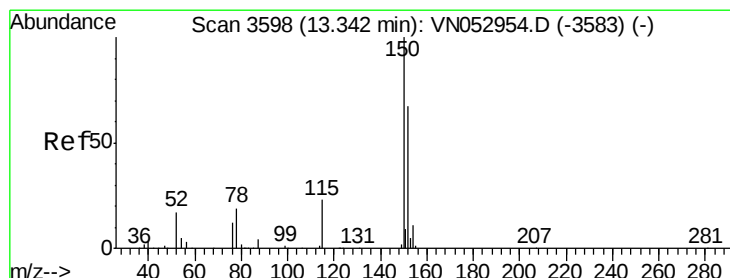
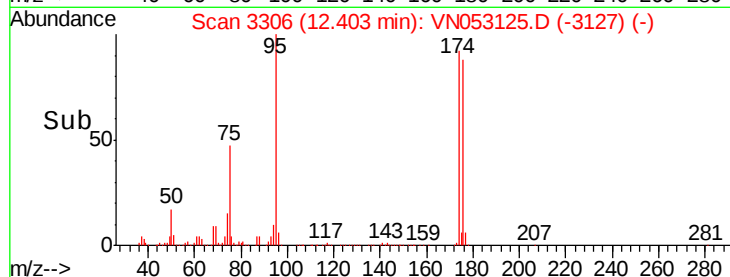
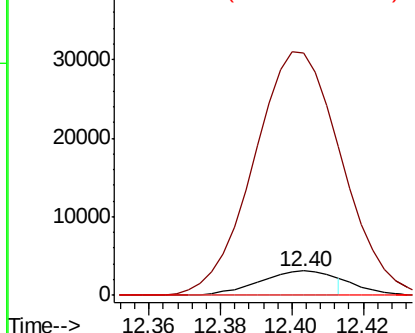
#71
Bromoform
Concen: 0.446 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053125.D
Acq: 22 Dec 2018 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBL01

Tot Ion:173 Resp: 4453
Ion Ratio Lower Upper
173 100
175 1034.6 24.3 72.9#
254 0.0 0.1 0.1#

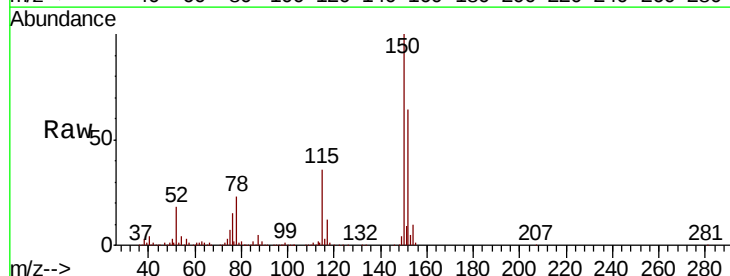


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

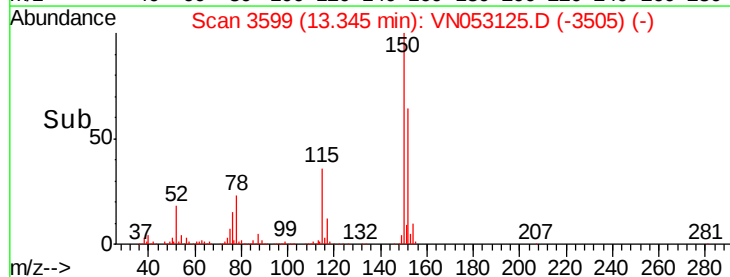
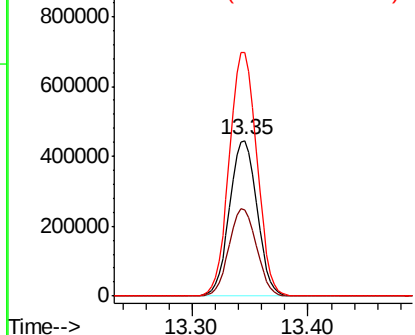


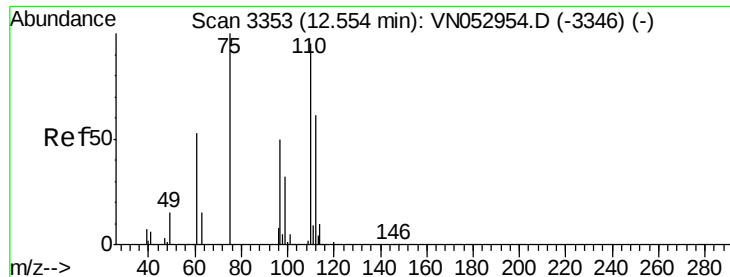
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053125.D
Acq: 22 Dec 2018 11:51

Tgt Ion:152 Resp: 731841
Ion Ratio Lower Upper
152 100
115 56.2 28.3 85.0
150 156.9 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: 30.609 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053125.D

Acq: 22 Dec 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

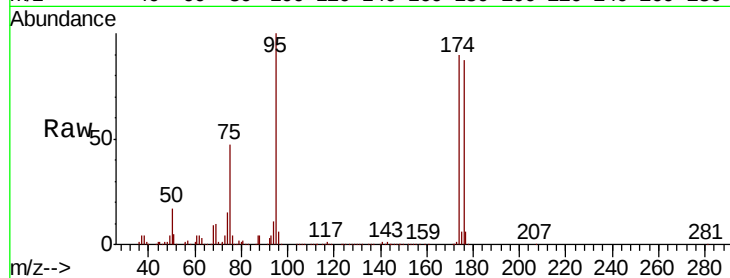
VN1222MBL01

Tot Ion: 75 Resp: 377093

Ion Ratio Lower Upper

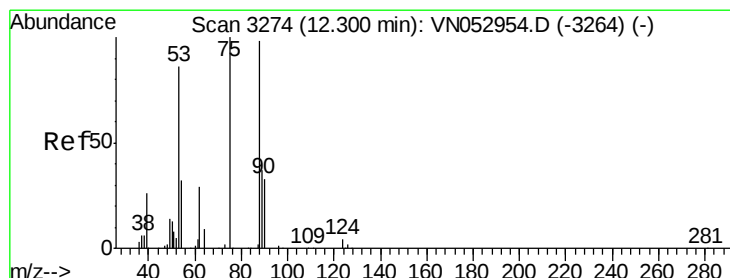
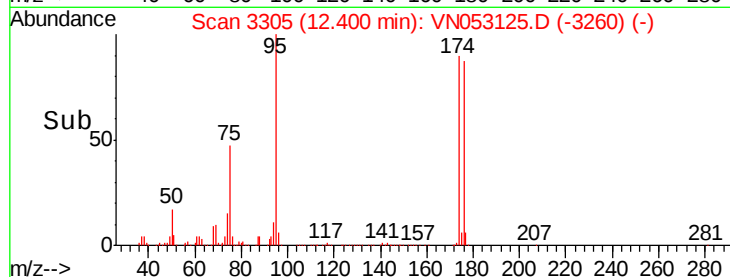
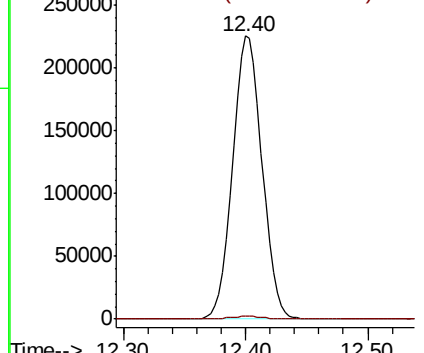
75 100

77 1.1 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: 98.656 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053125.D

Acq: 22 Dec 2018 11:51

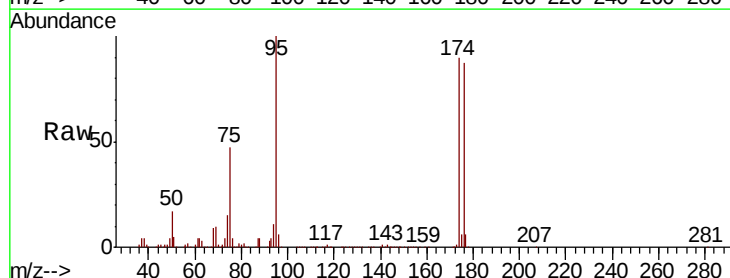
Tgt Ion: 75 Resp: 377093

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

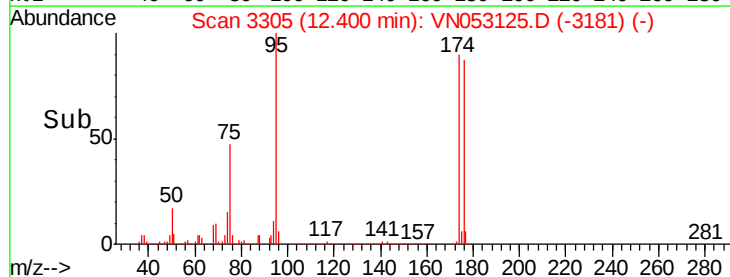
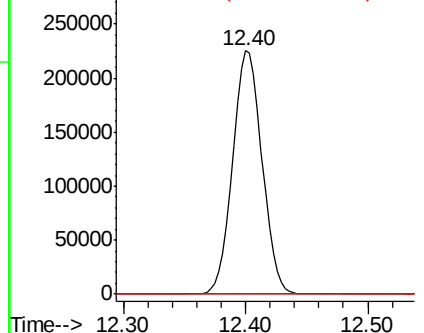
89 0.0 36.1 54.1#

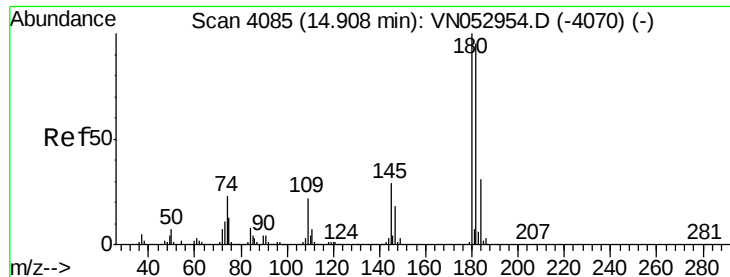


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

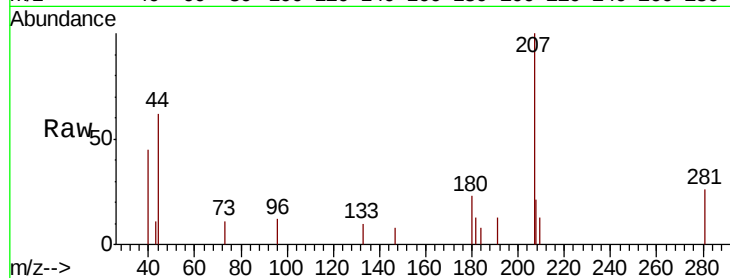




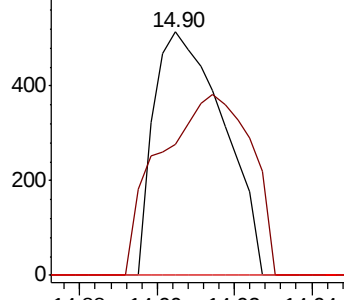
#93
 1,2,4-Trichlorobenzene
 Concen: 0.645 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN053125.D
 Acq: 22 Dec 2018 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBL01

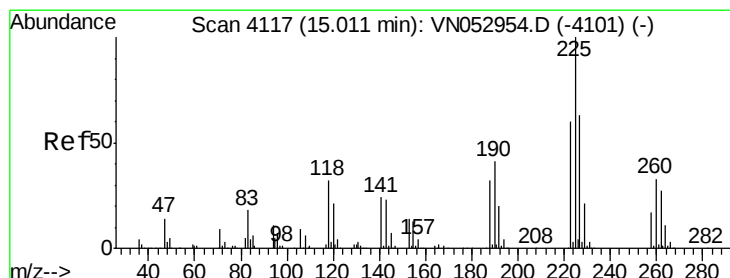
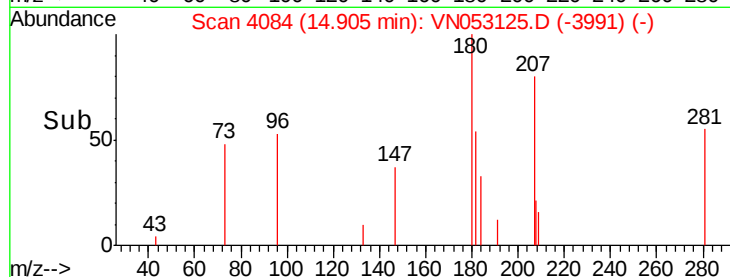
Tot Ion:180 Resp: 646
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.8 143.3
 145 0.0 14.2 42.6#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

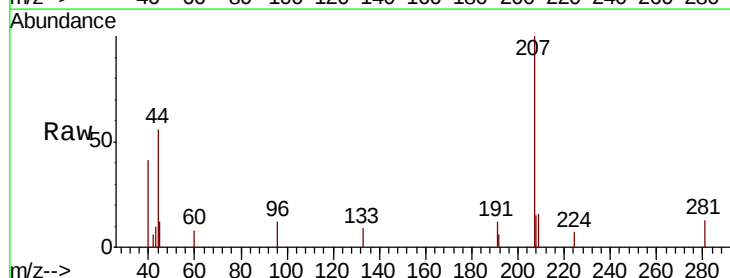


Time-->

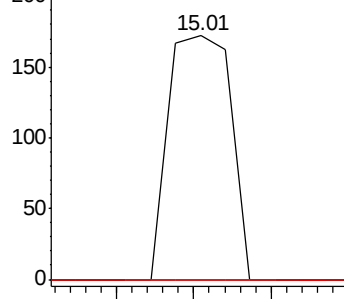


#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053125.D
 Acq: 22 Dec 2018 11:51

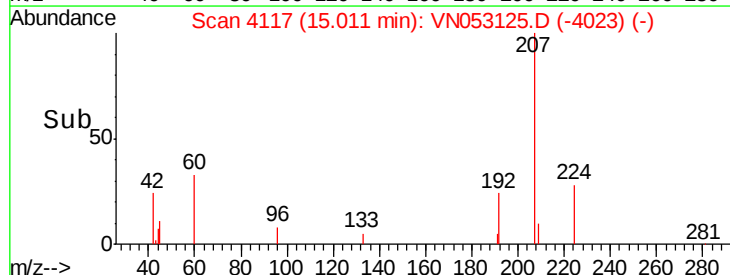
Tgt Ion:225 Resp: 97
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.5 94.5#
 227 0.0 31.9 95.7#

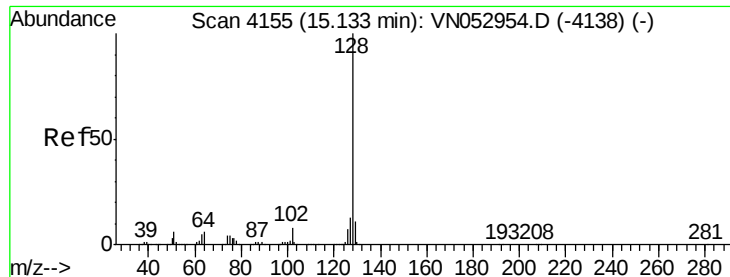


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 1.206 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053125.D

Acq: 22 Dec 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1222MBL01

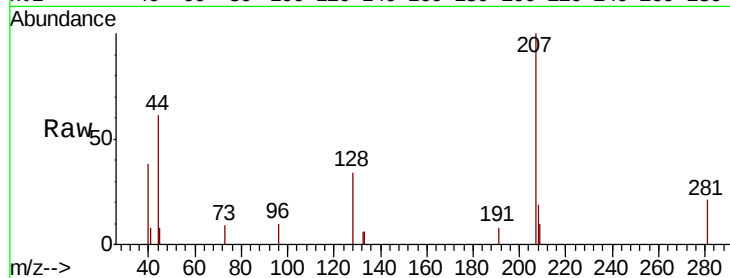
Tot Ion:128 Resp: 1742

Ion Ratio Lower Upper

128 100

127 5.5 10.2 15.4#

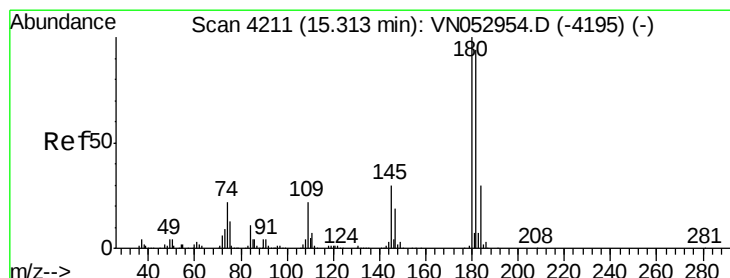
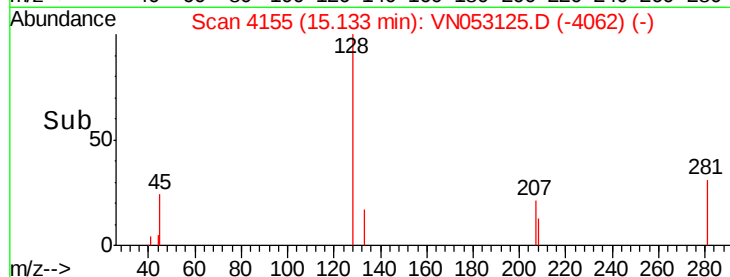
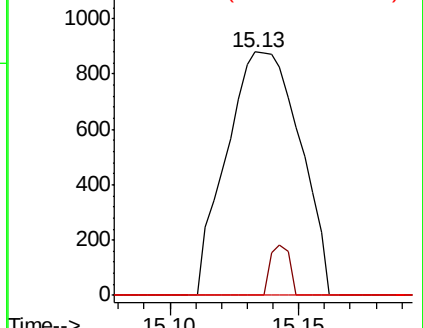
129 0.0 8.6 13.0#



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: 0.563 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN053125.D

Acq: 22 Dec 2018 11:51

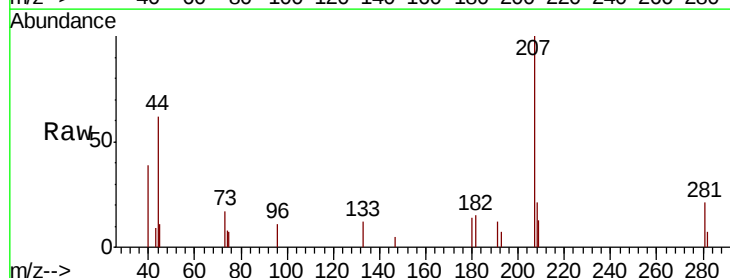
Tgt Ion:180 Resp: 658

Ion Ratio Lower Upper

180 100

182 116.7 47.9 143.7

145 9.6 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

