

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
 Data File : VN053174.D
 Acq On : 24 Dec 2018 10:20
 Operator : MD\SY
 Sample : VN1224MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1224MBL01

Quant Time: Dec 24 22:24:37 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

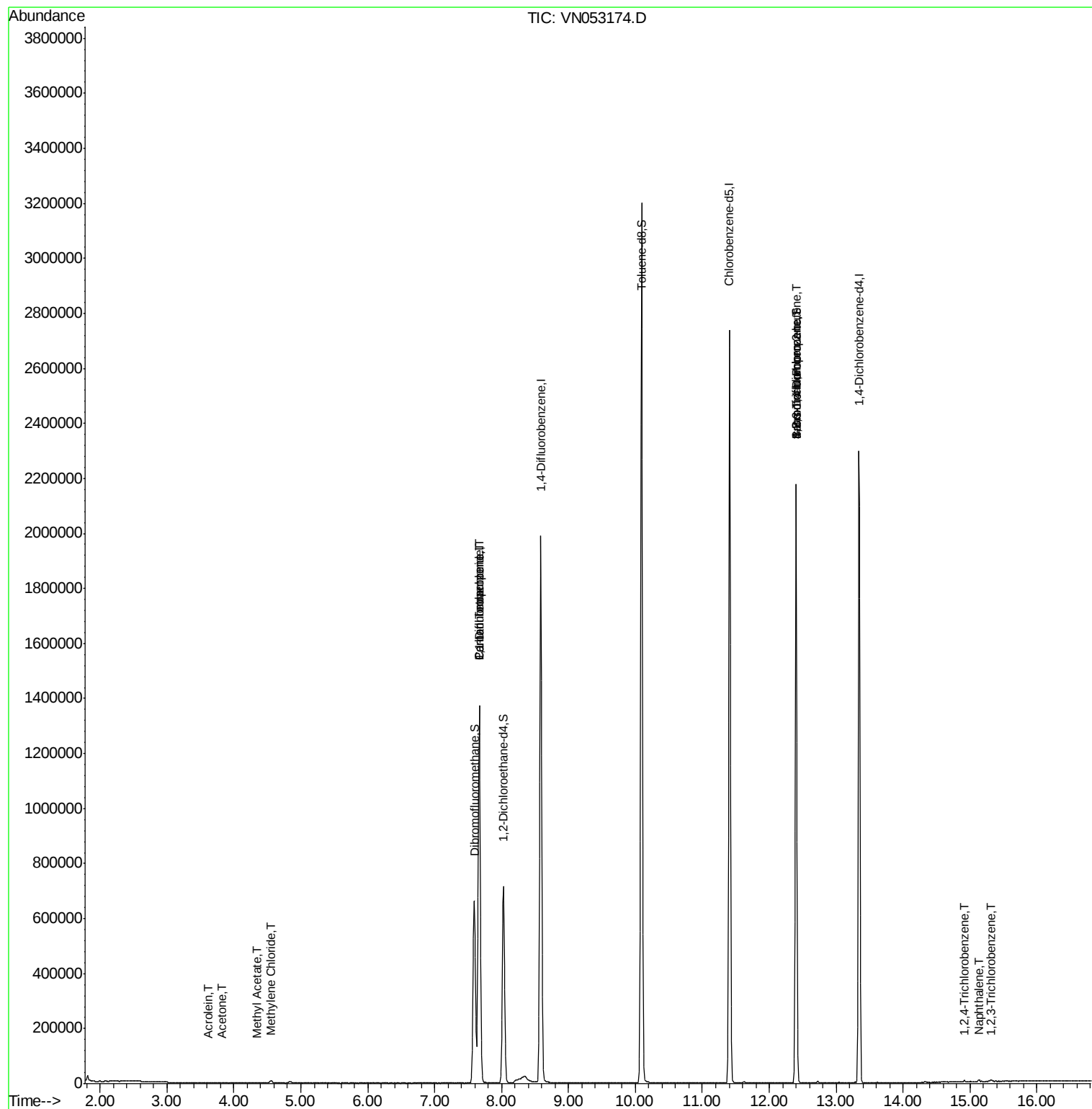
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1208134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1868289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1659084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	656676	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	597900	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
35) Dibromofluoromethane	7.59	113	519275	60.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.70%	
50) Toluene-d8	10.09	98	2275330	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	745991	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
Target Compounds						
					Qvalue	
13) Acrolein	3.62	56	211	0.311	ug/l	88
16) Acetone	3.82	43	1616	0.672	ug/l #	68
18) Methyl Acetate	4.33	43	2940	1.256	ug/l #	69
20) Methylene Chloride	4.56	84	7103	0.542	ug/l	90
31) Cyclohexane	7.67	56	19741	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	78819	4.395	ug/l #	49
38) Carbon Tetrachloride	7.67	117	103060	6.270	ug/l #	16
43) Isopropyl Acetate	8.21	43	6273	Below Cal	#	53
71) Bromoform	12.40	173	4586	0.496	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	345976	31.297	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	345976	100.875	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	1748	0.743	ug/l	91
94) Hexachlorobutadiene	15.01	225	397	Below Cal	#	62
95) Naphthalene	15.13	128	6635	1.398	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.31	180	2550	0.746	ug/l	98

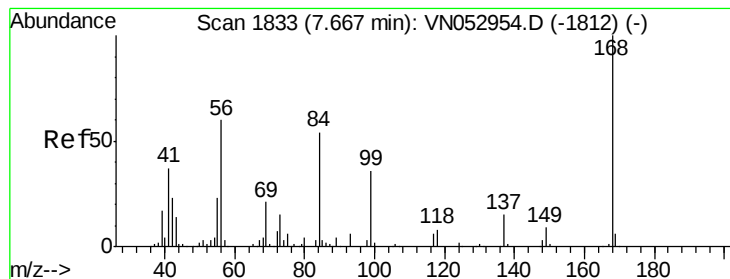
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122418\
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Acq On : 24 Dec 2018 10:20
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Quant Time: Dec 24 22:24:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
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: VN053174.D

Acq: 24 Dec 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

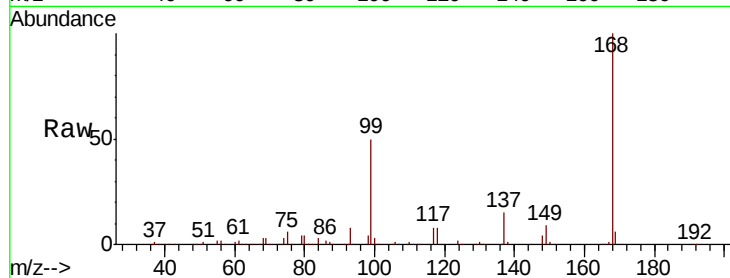
VN1224MBL01

Tot Ion:168 Resp: 1208134

Ion Ratio Lower Upper

168 100

99 49.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053174.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053174.D (-1740) (-)

7.67

600000

500000

400000

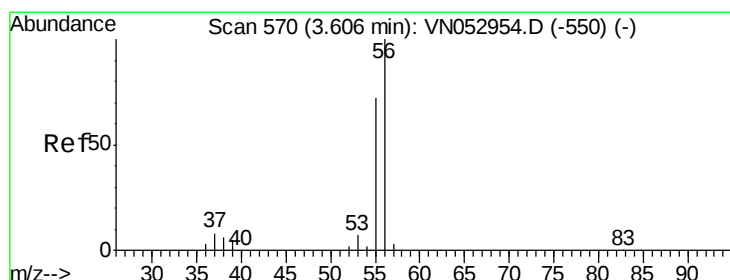
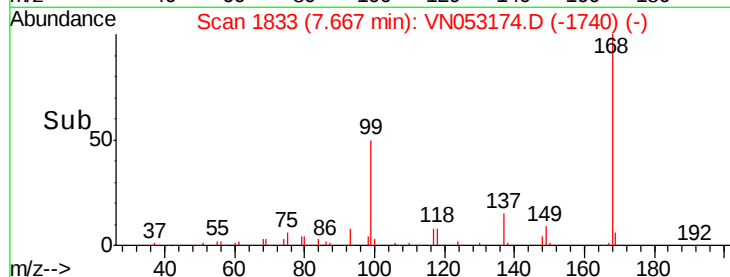
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.311 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN053174.D

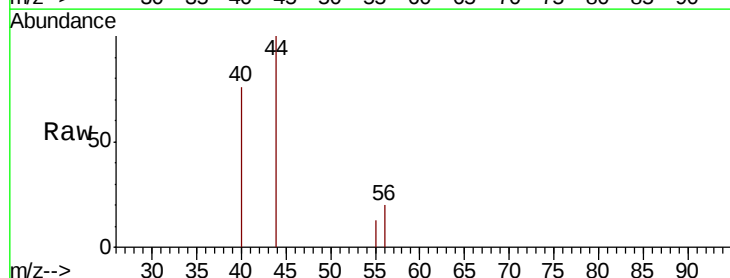
Acq: 24 Dec 2018 10:20

Tgt Ion: 56 Resp: 211

Ion Ratio Lower Upper

56 100

55 81.0 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VN053174.D (-477) (-)

Ion 55.00 (54.70 to 55.70): VN053174.D (-477) (-)

3.62

300

250

200

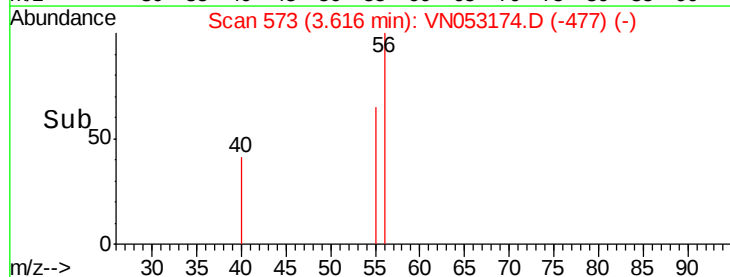
150

100

50

0

Time-->





#16

Acetone

Concen: 0.672 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053174.D

Acq: 24 Dec 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

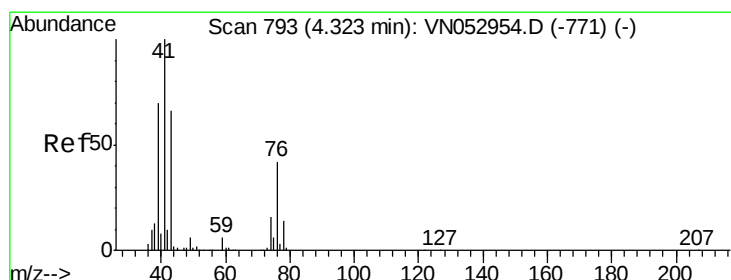
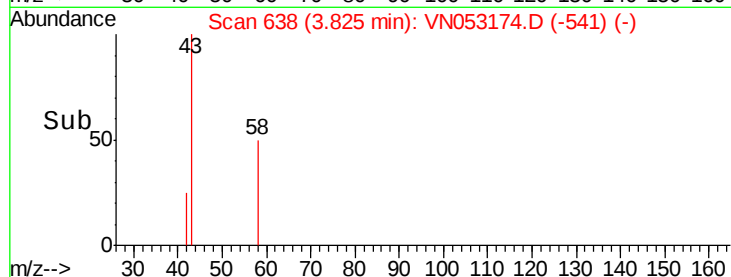
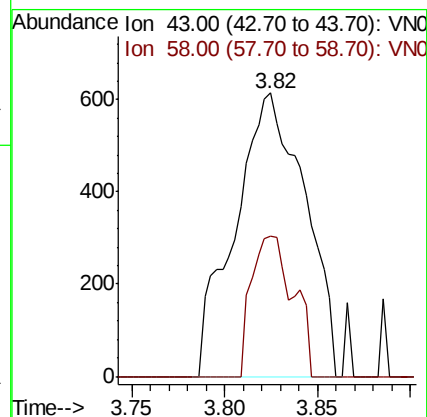
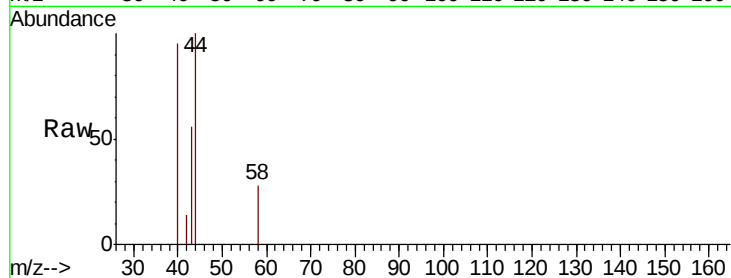
VN1224MBL01

Tot Ion: 43 Resp: 1616

Ion Ratio Lower Upper

43 100

58 49.5 25.4 38.0#



#18

Methyl Acetate

Concen: 1.256 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN053174.D

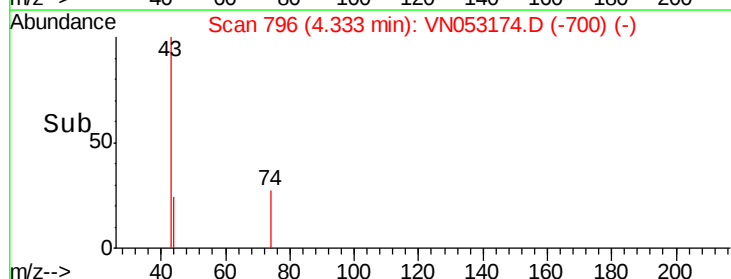
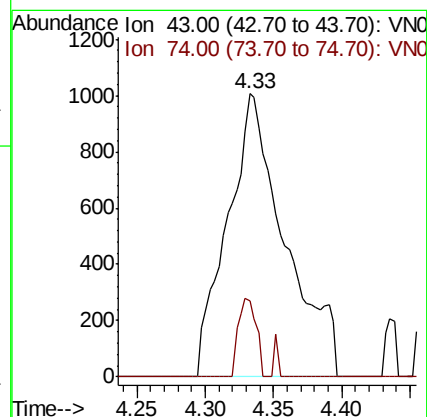
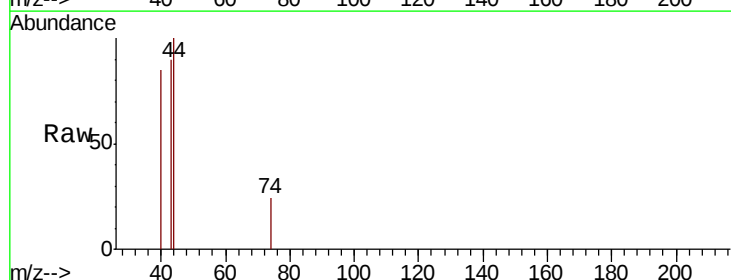
Acq: 24 Dec 2018 10:20

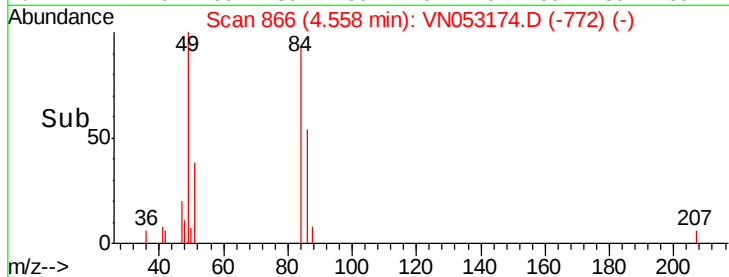
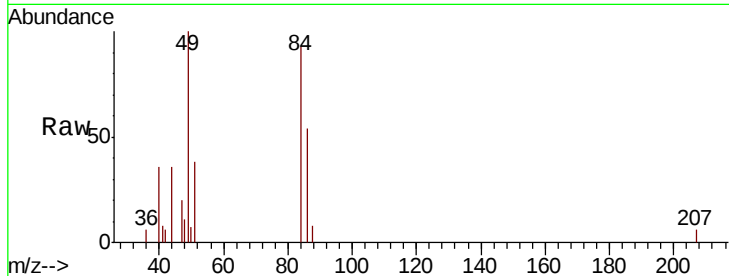
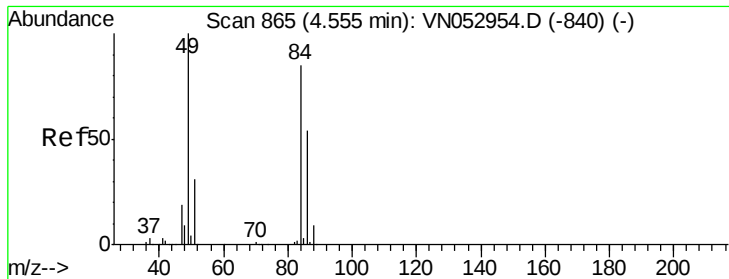
Tgt Ion: 43 Resp: 2940

Ion Ratio Lower Upper

43 100

74 8.6 19.2 28.8#

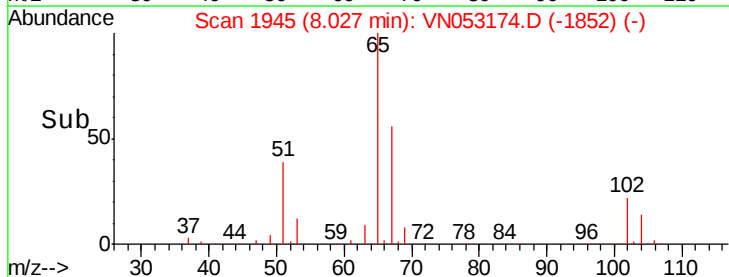
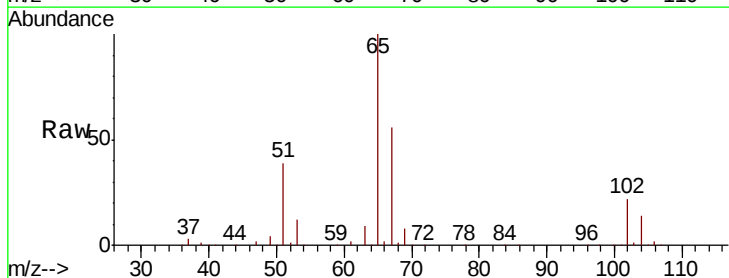
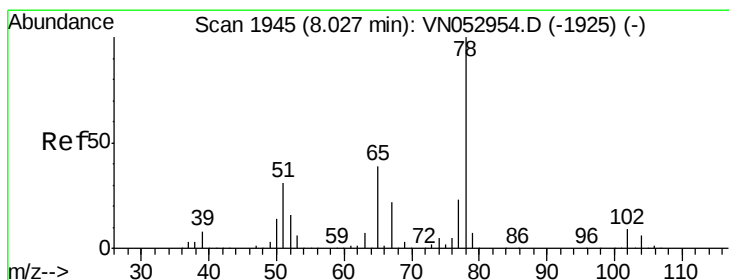
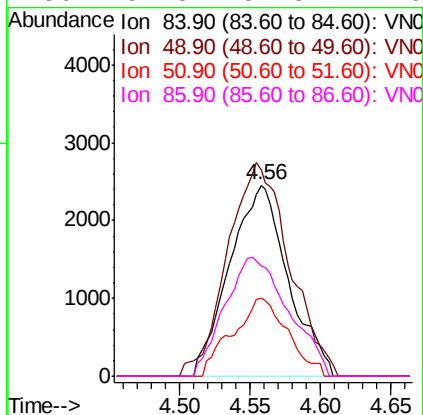




#20
Methvlene Chloride
Concen: 0.542 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053174.D
Acq: 24 Dec 2018 10:20

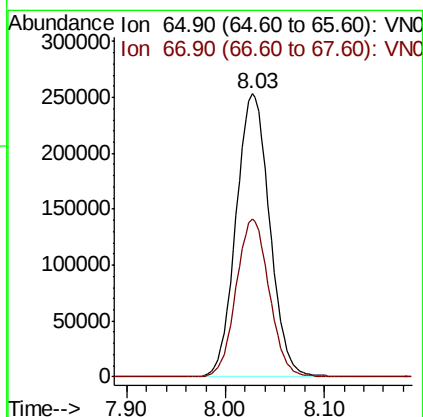
Instrument :
MSVOA_N
ClientSampleId :
VN1224MBL01

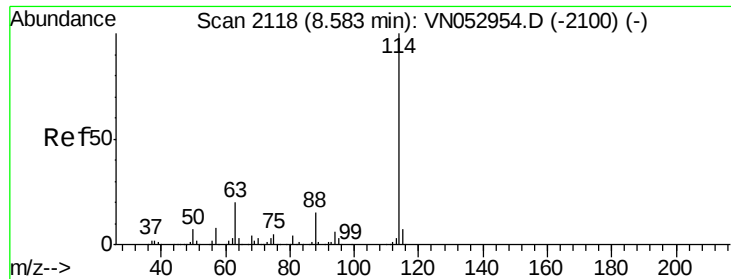
Tot Ion:	84	Resp:	7103
Ion	Ratio	Lower	Upper
84	100		
49	107.9	96.8	145.2
51	41.1	29.9	44.9
86	57.8	51.8	77.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053174.D
Acq: 24 Dec 2018 10:20

Tgt Ion:	65	Resp:	597900
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	110.4

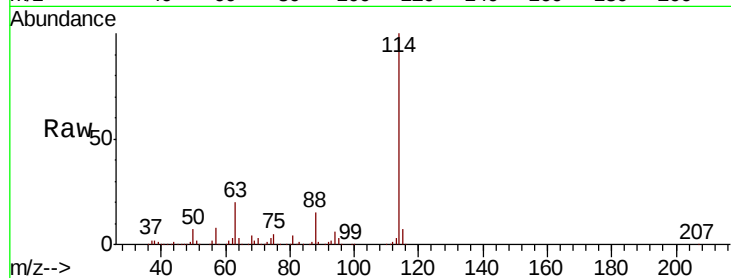




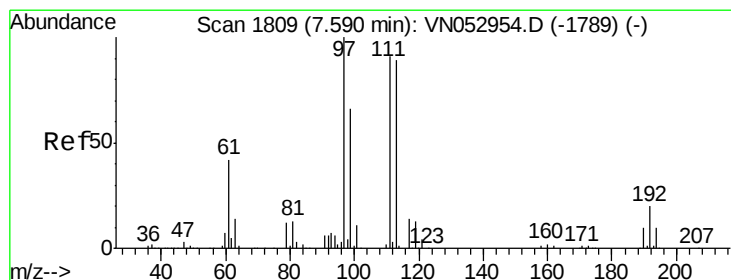
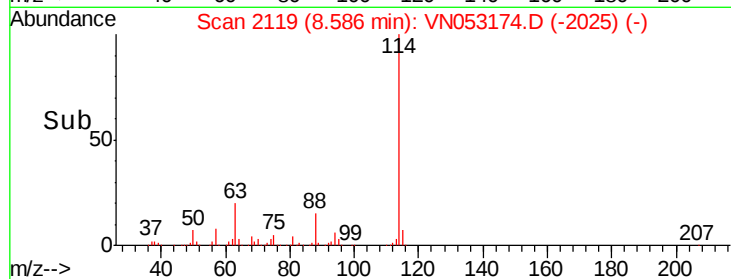
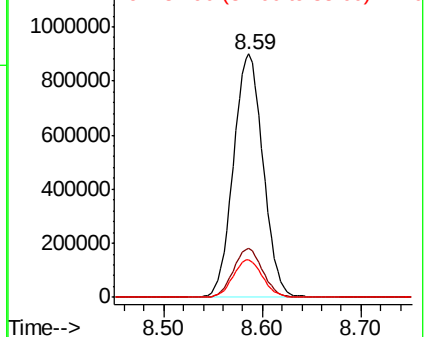
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053174.D
Acq: 24 Dec 2018 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN1224MBL01

Tot Ion:114 Resp: 1868289
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.8
88 15.3 0.0 31.0

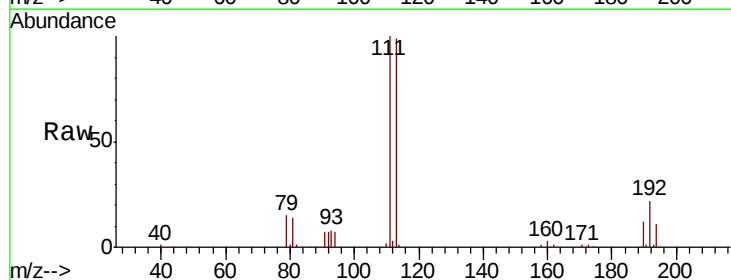


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

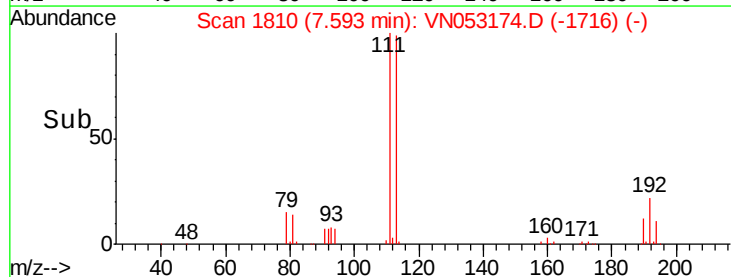
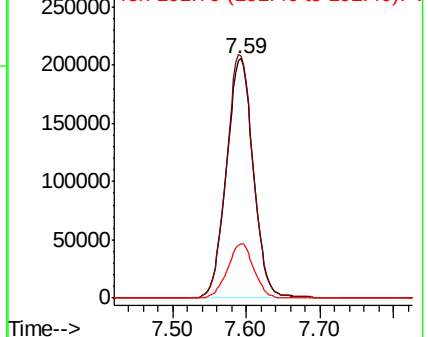


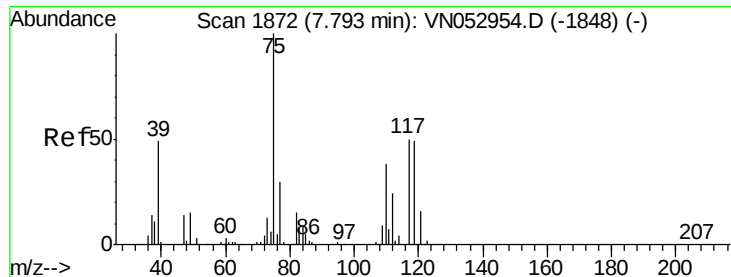
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053174.D
Acq: 24 Dec 2018 10:20

Tgt Ion:113 Resp: 519275
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 22.3 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

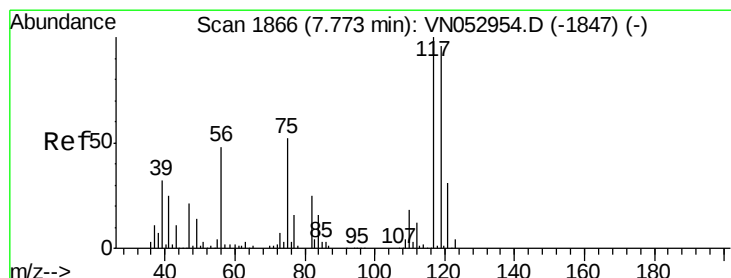
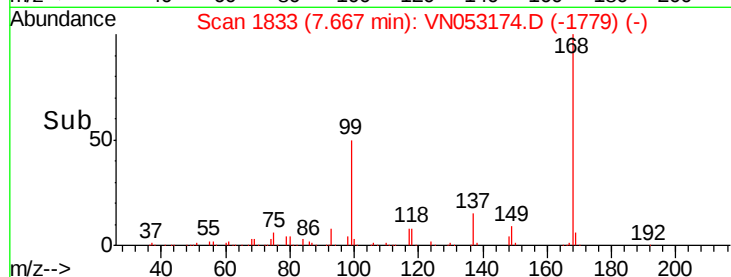
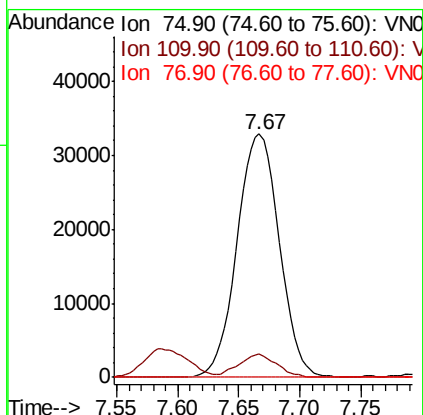
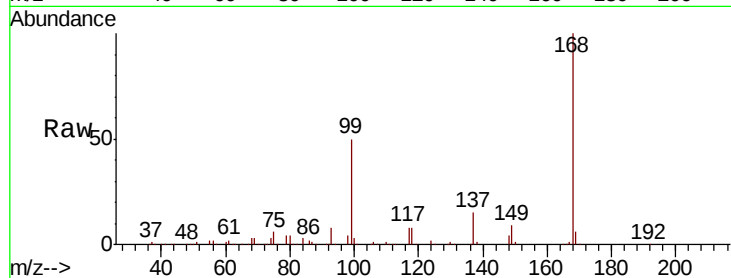




#36
 1,1-Dichloropropene
 Concen: 4.395 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053174.D
 Acq: 24 Dec 2018 10:20

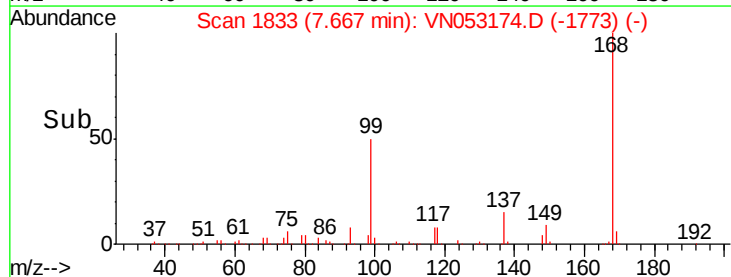
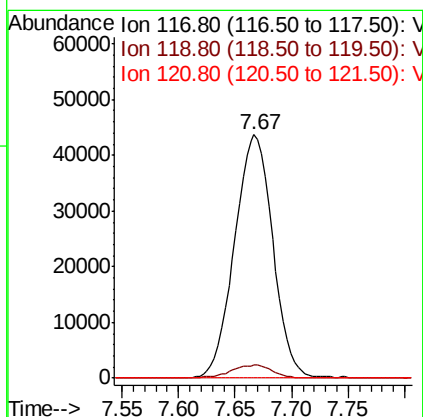
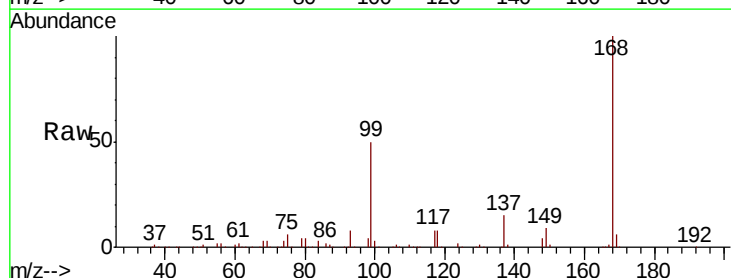
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1224MBL01

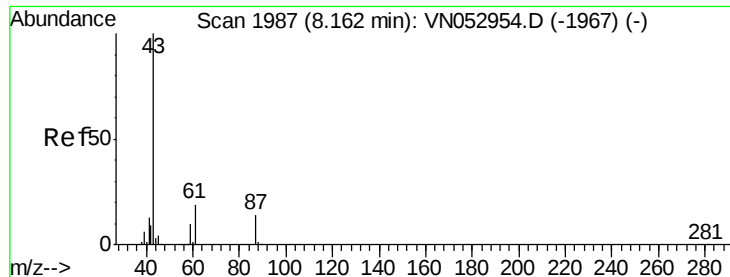
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.2	54.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.270 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053174.D
 Acq: 24 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.1	115.7#
121	0.0	24.9	37.3#



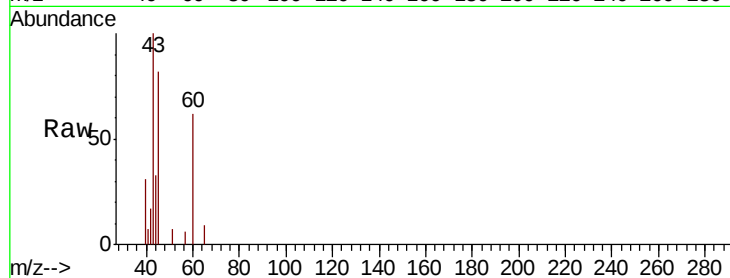


#43

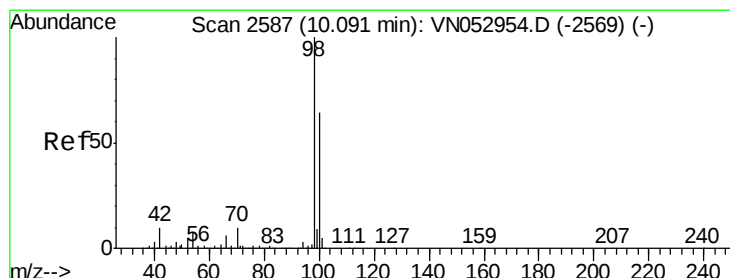
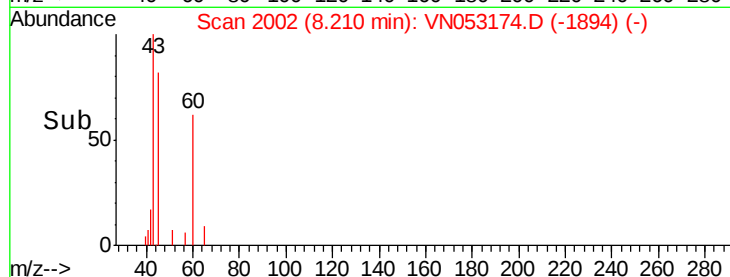
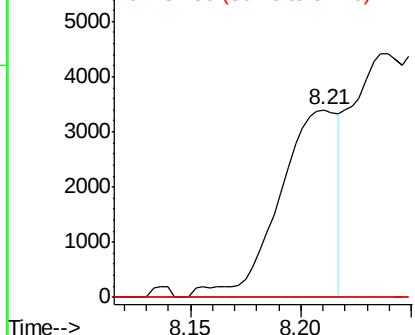
Isopropyl Acetate
 Concen: Below Cal
 RT: 8.21 min Scan# 2002
 Delta R.T. 0.05 min
 Lab File: VN053174.D
 Acq: 24 Dec 2018 10:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1224MBL01

Tot Ion: 43 Resp: 6273
 Ion Ratio Lower Upper
 43 100
 61 0.0 22.9 34.3#
 87 0.0 10.6 15.8#



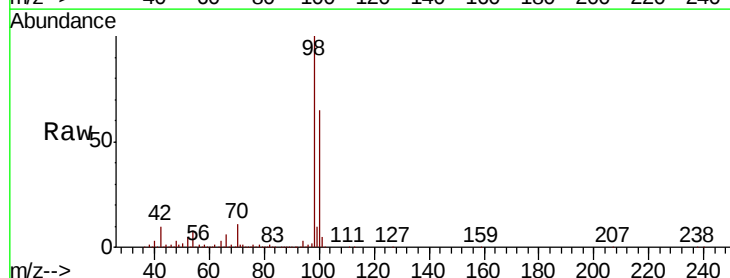
Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO



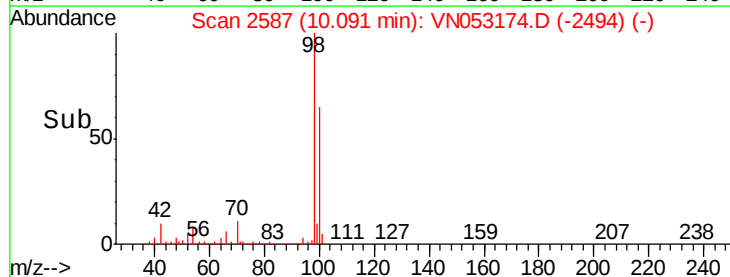
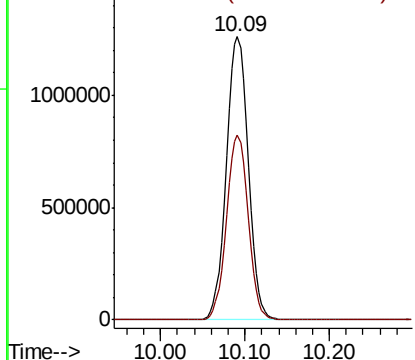
#50

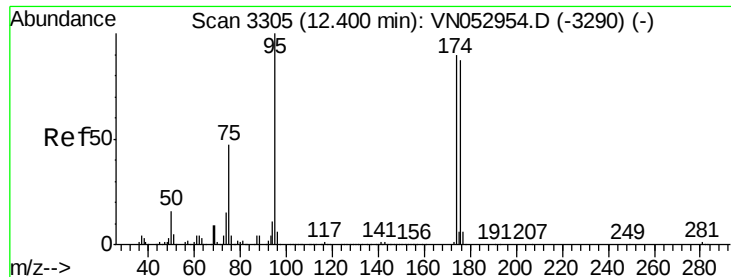
Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN053174.D
 Acq: 24 Dec 2018 10:20

Tgt Ion: 98 Resp: 2275330
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VNO
 Ion 100.00 (99.70 to 100.70): VNO





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053174.D

Acq: 24 Dec 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN1224MBL01

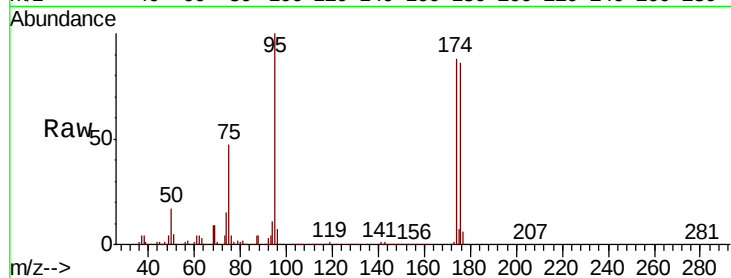
Tot Ion: 95 Resp: 745991

Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.8

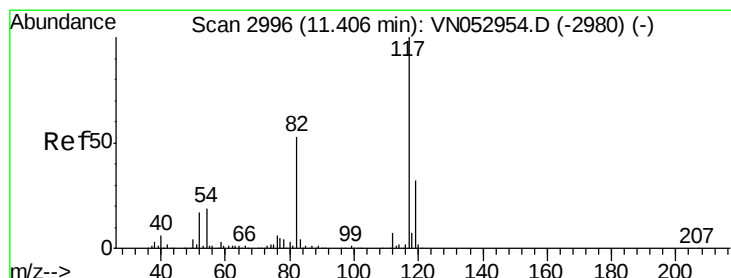
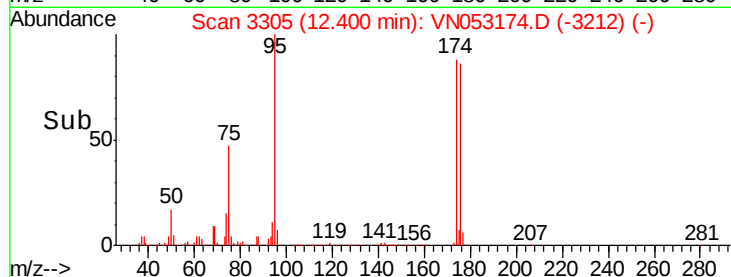
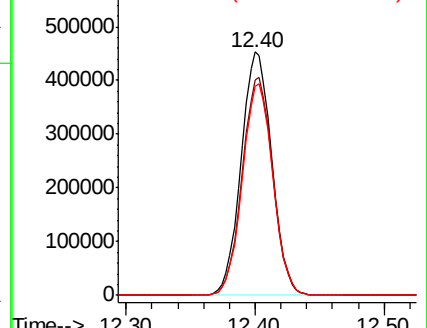
176 87.0 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053174.D

Acq: 24 Dec 2018 10:20

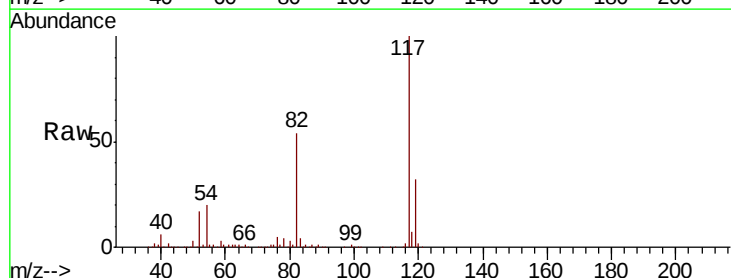
Tgt Ion: 117 Resp: 1659084

Ion Ratio Lower Upper

117 100

82 54.4 42.8 64.2

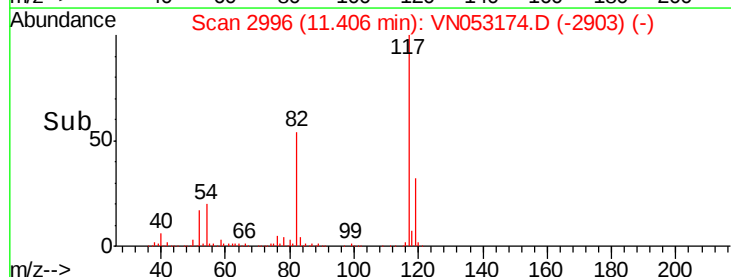
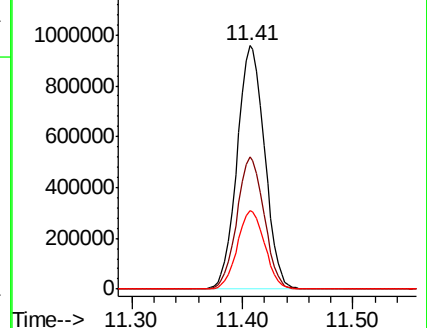
119 32.3 25.5 38.3

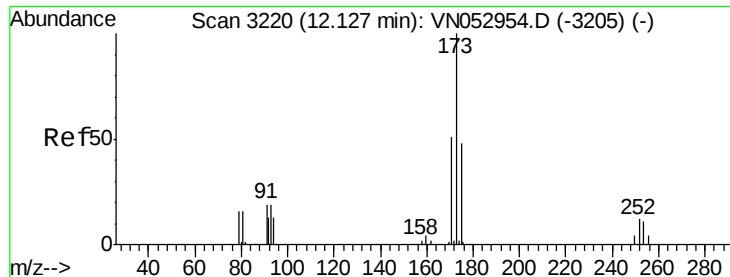


Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052954.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052954.D (-2980) (-)

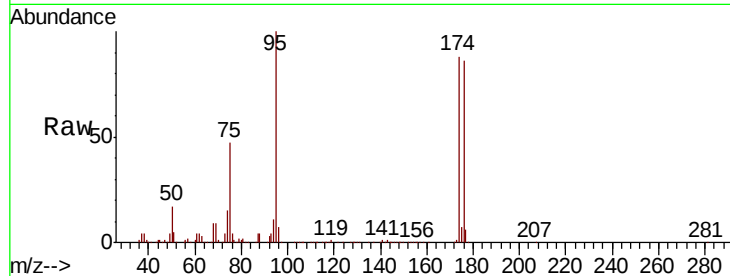




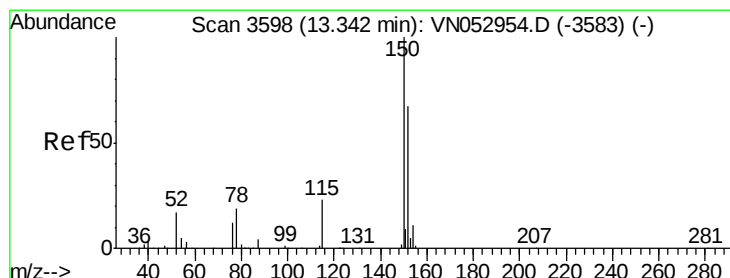
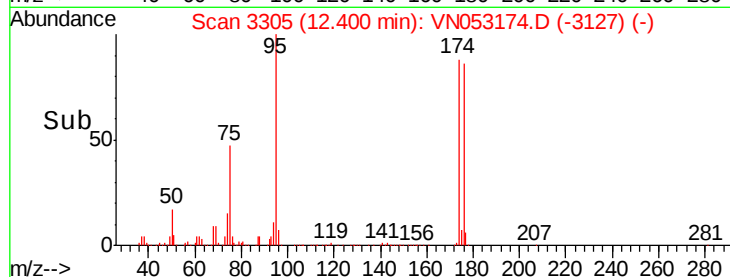
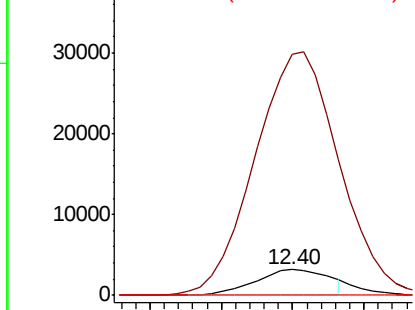
#71
Bromoform
Concen: 0.496 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053174.D
Acq: 24 Dec 2018 10:20

Instrument :
MSVOA_N
ClientSampled :
VN1224MBL01

Tot Ion:173 Resp: 4586
Ion Ratio Lower Upper
173 100
175 949.3 24.3 72.9#
254 0.0 0.1 0.1#

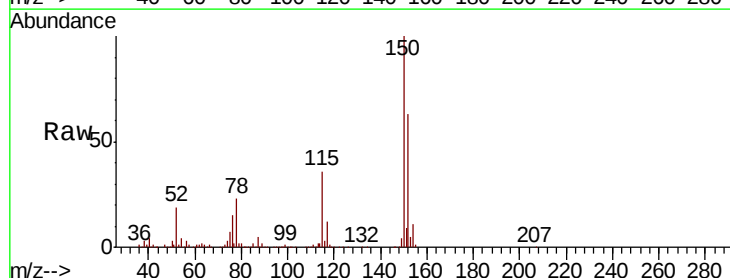


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

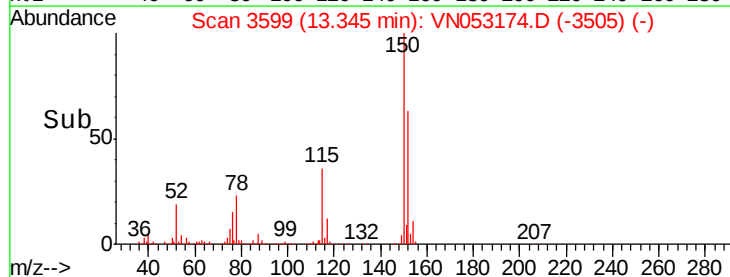
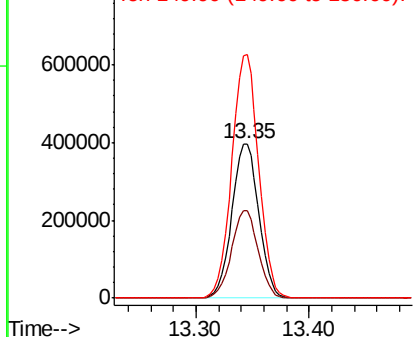


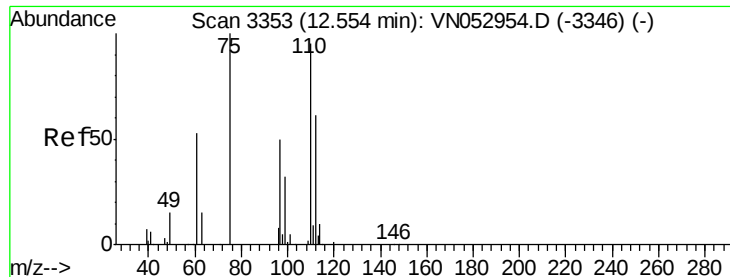
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053174.D
Acq: 24 Dec 2018 10:20

Tgt Ion:152 Resp: 656676
Ion Ratio Lower Upper
152 100
115 56.2 28.3 85.0
150 157.0 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: 31.297 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053174.D

Acq: 24 Dec 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

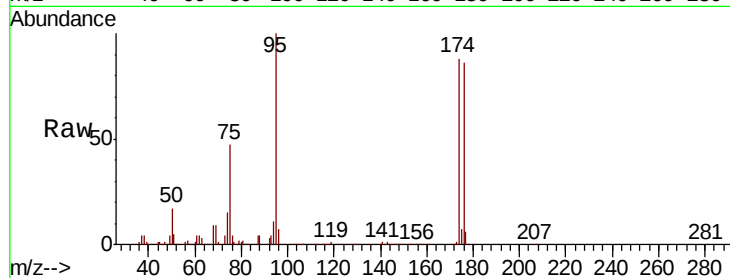
VN1224MBL01

Tot Ion: 75 Resp: 345976

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

250000

200000

150000

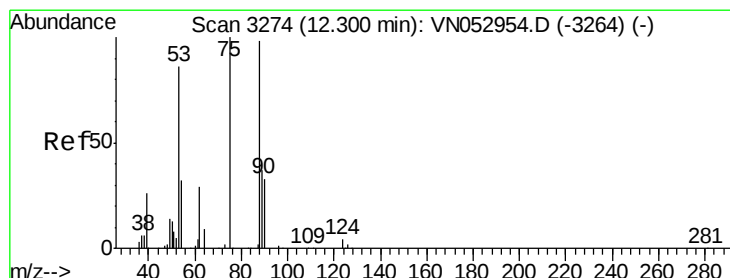
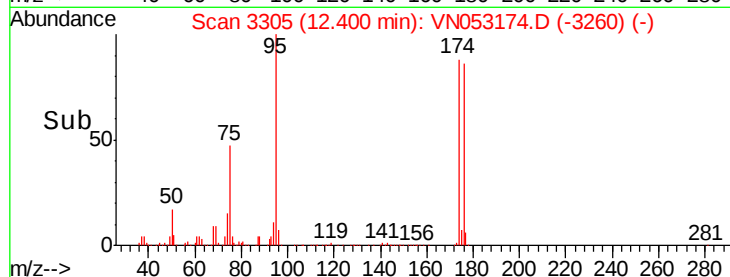
100000

50000

0

12.35 12.40 12.45 12.50

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 100.875 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053174.D

Acq: 24 Dec 2018 10:20

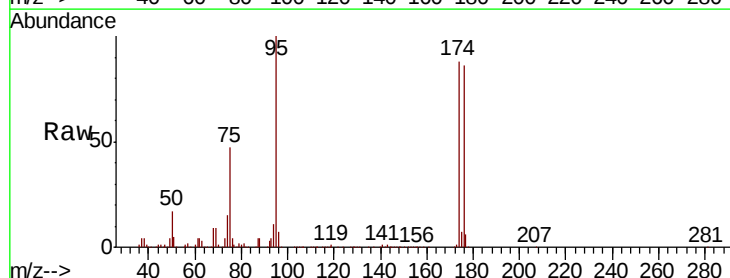
Tgt Ion: 75 Resp: 345976

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

300000

250000

200000

150000

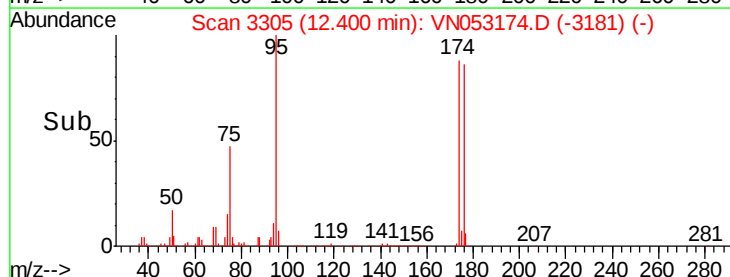
100000

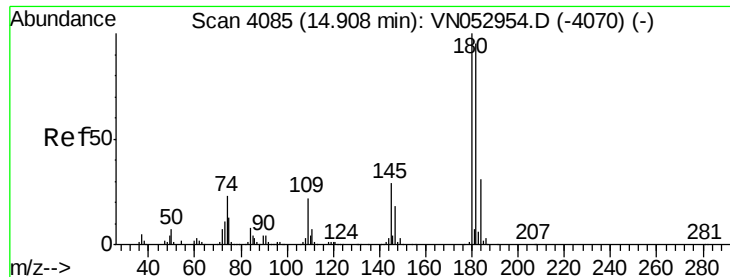
50000

0

12.35 12.40 12.45 12.50

Time-->

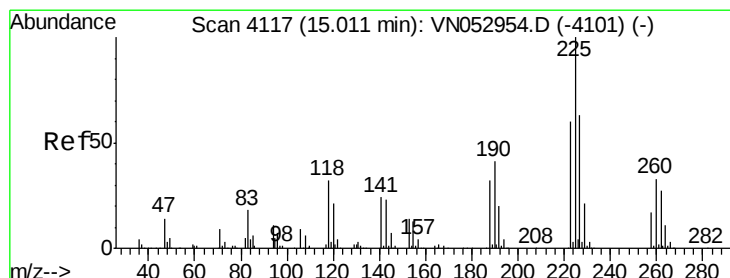
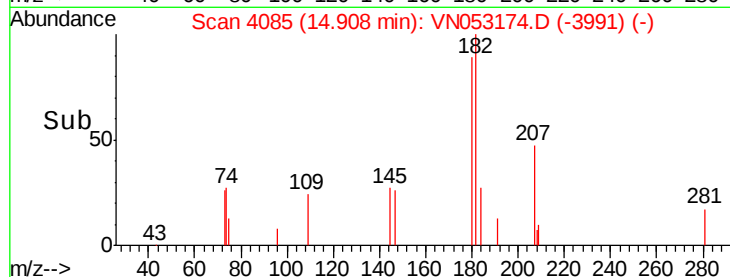
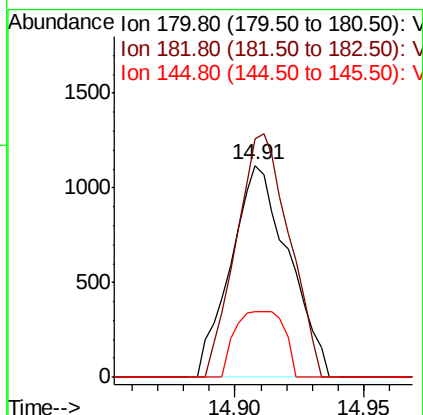
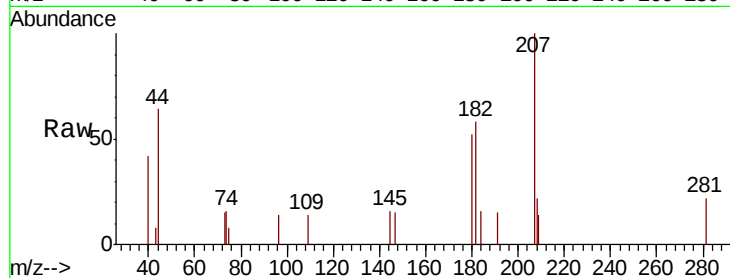




#93
 1,2,4-Trichlorobenzene
 Concen: 0.743 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053174.D
 Acq: 24 Dec 2018 10:20

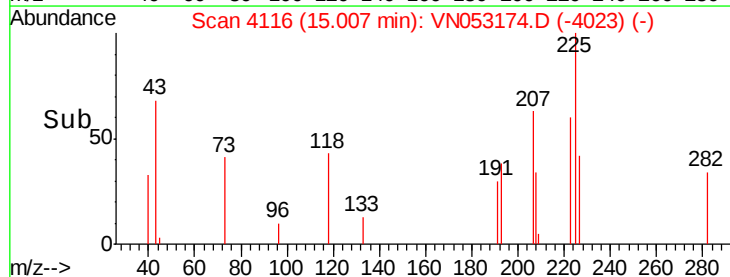
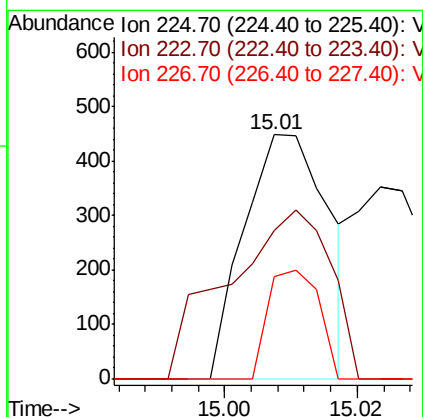
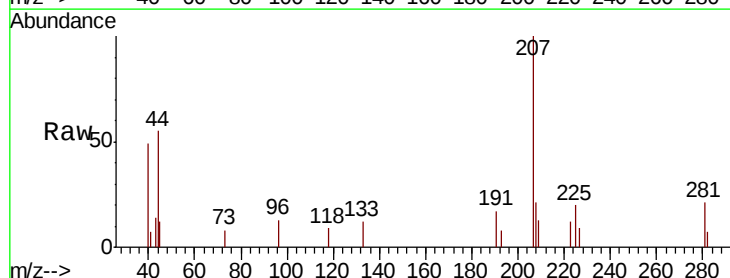
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1224MBL01

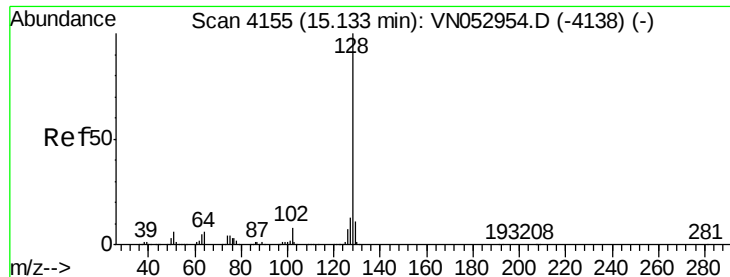
Tot Ion:180 Resp: 1748
 Ion Ratio Lower Upper
 180 100
 182 105.6 47.8 143.3
 145 26.5 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN053174.D
 Acq: 24 Dec 2018 10:20

Tgt Ion:225 Resp: 397
 Ion Ratio Lower Upper
 225 100
 223 84.4 31.5 94.5
 227 26.7 31.9 95.7#





#95

Naphthalene

Concen: 1.398 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053174.D

Acq: 24 Dec 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

VN1224MBL01

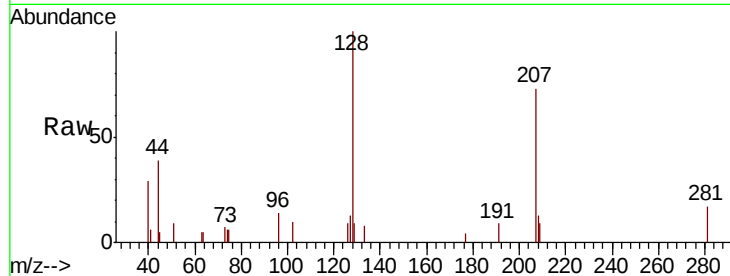
Tot Ion:128 Resp: 6635

Ion Ratio Lower Upper

128 100

127 9.4 10.2 15.4#

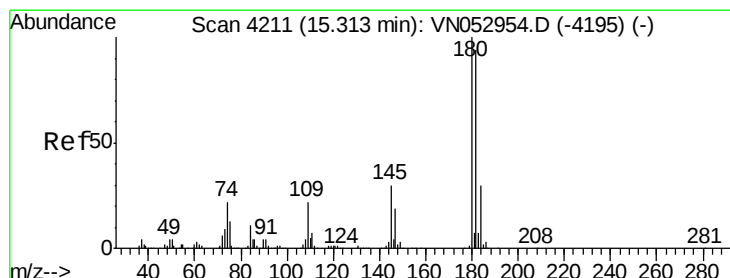
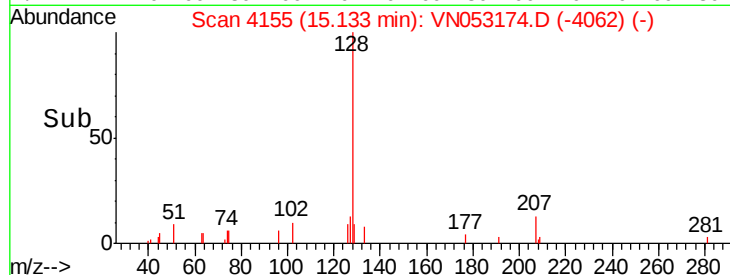
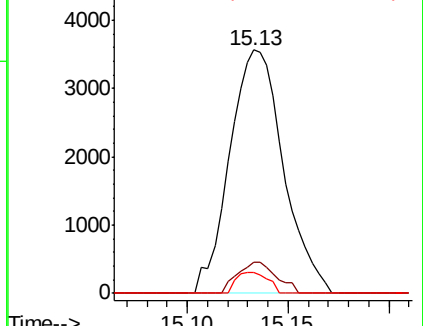
129 5.1 8.6 13.0#



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: 0.746 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN053174.D

Acq: 24 Dec 2018 10:20

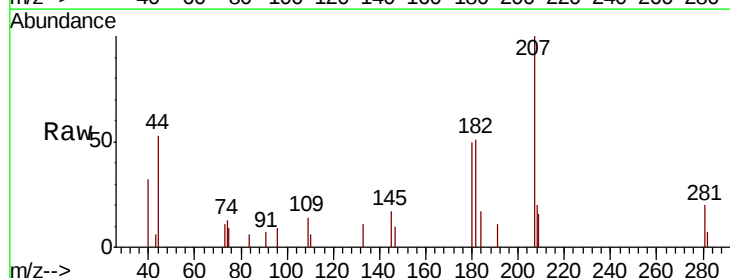
Tgt Ion:180 Resp: 2550

Ion Ratio Lower Upper

180 100

182 98.2 47.9 143.7

145 30.8 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

