

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056291.D
 Acq On : 13 Jun 2019 19:05
 Operator : JC/SP
 Sample : K3345-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 14 01:14:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

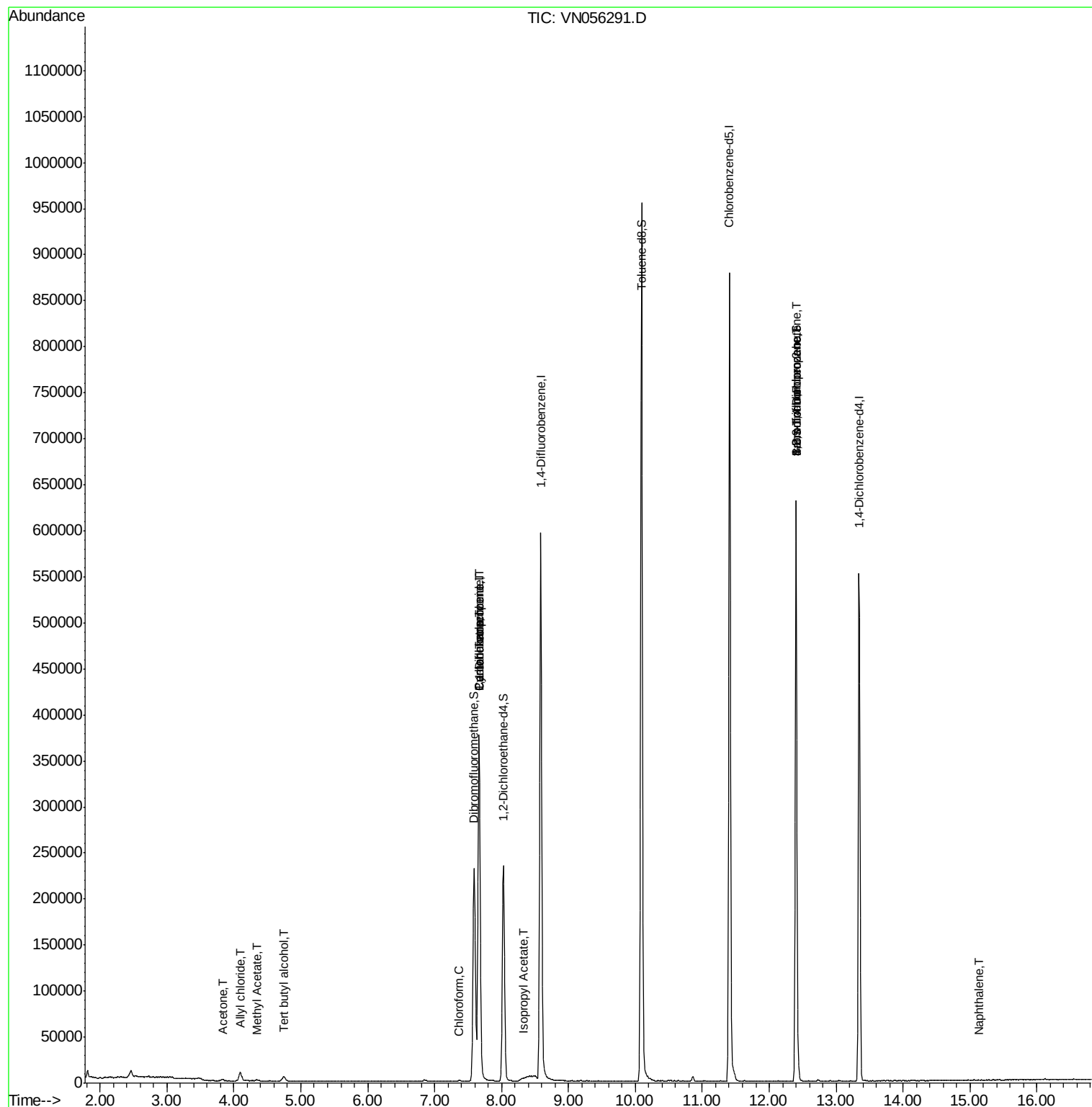
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	344425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	574354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	566538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	169044	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	197651	57.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.60%	
35) Dibromofluoromethane	7.59	113	177774	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
50) Toluene-d8	10.09	98	715575	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
62) 4-Bromofluorobenzene	12.40	95	226742	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.75	59	4678	7.860	ug/l #	74
14) Allyl chloride	4.09	41	1310	0.287	ug/l #	46
16) Acetone	3.83	43	4758	2.909	ug/l #	88
18) Methyl Acetate	4.34	43	2684	0.260	ug/l #	80
30) Chloroform	7.37	83	1421	0.259	ug/l	90
31) Cyclohexane	7.66	56	5396	0.994	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	22637	4.584	ug/l #	47
38) Carbon Tetrachloride	7.66	117	29224	6.418	ug/l #	15
43) Isopropyl Acetate	8.32	43	4350	0.611	ug/l #	53
71) Bromoform	12.40	173	1762	3.252	ug/l #	1
73) Isopropylbenzene	12.41	105	29	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	105420	33.892	ug/l #	100
79) 2-Chlorotoluene	12.60	91	60	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	105420	112.866	ug/l #	15
95) Naphthalene	15.14	128	222	3.877	ug/l #	69

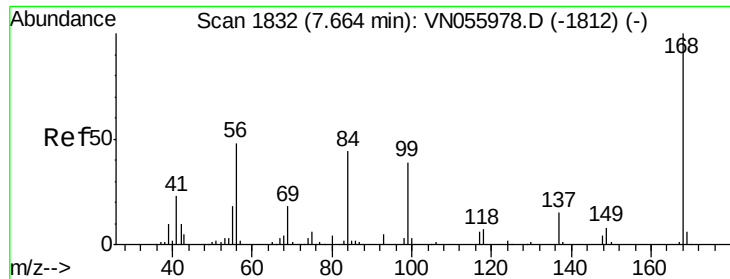
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061319\
Data File : VN056291.D
Acq On : 13 Jun 2019 19:05
Operator : JC/SP
Sample : K3345-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 14 01:14:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 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: VN056291.D

Acq: 13 Jun 2019 19:05

Instrument :

MSVOA_N

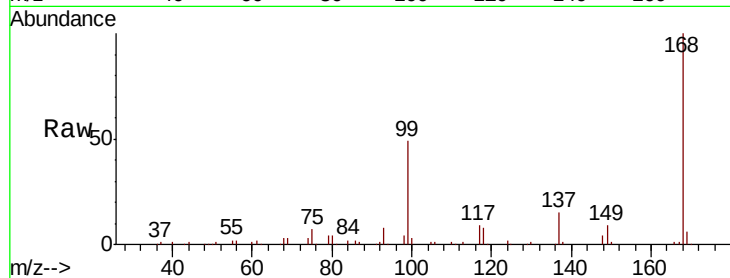
ClientSampleId :

Tot Ion:168 Resp: 344425

Ion Ratio Lower Upper

168 100

99 49.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

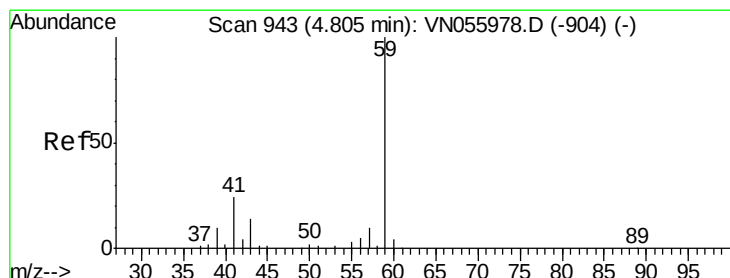
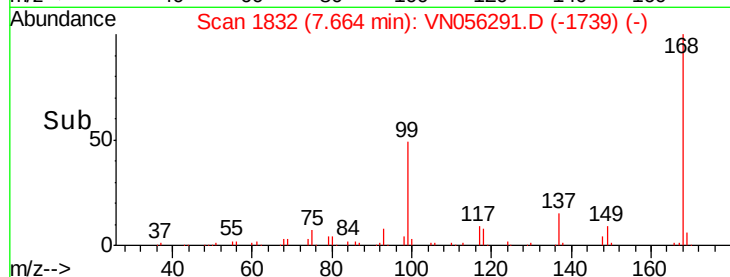
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 7.860 ug/l

RT: 4.75 min Scan# 925

Delta R.T. -0.06 min

Lab File: VN056291.D

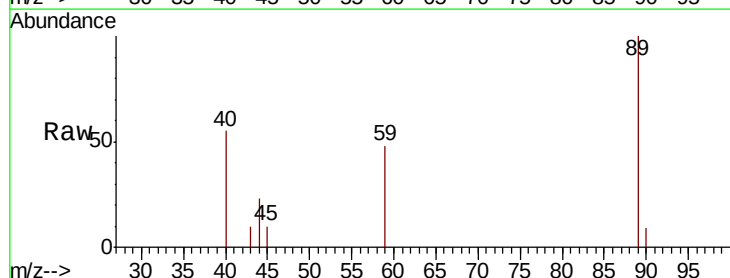
Acq: 13 Jun 2019 19:05

Tgt Ion: 59 Resp: 4678

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN055978.D (-904) (-)

Ion 57.00 (56.70 to 57.70): VN055978.D (-904) (-)

4.75

1500

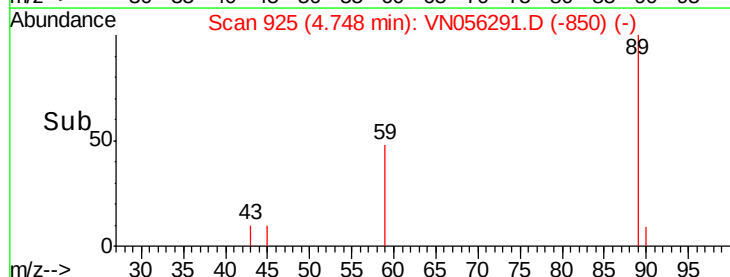
1000

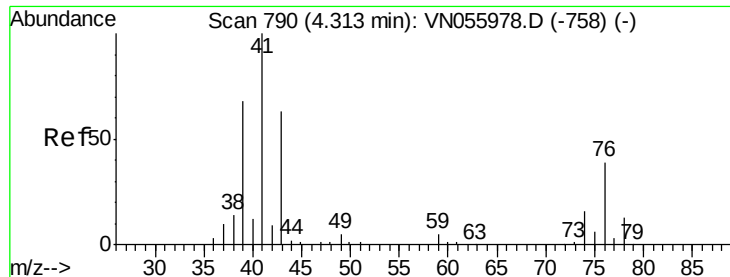
500

0

4.65 4.70 4.75 4.80

Time-->

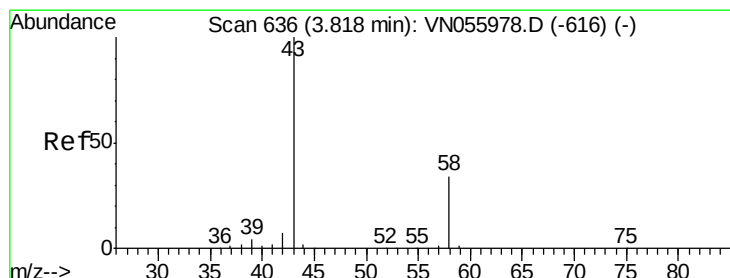
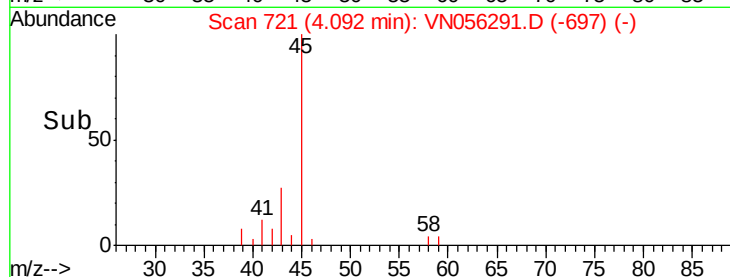
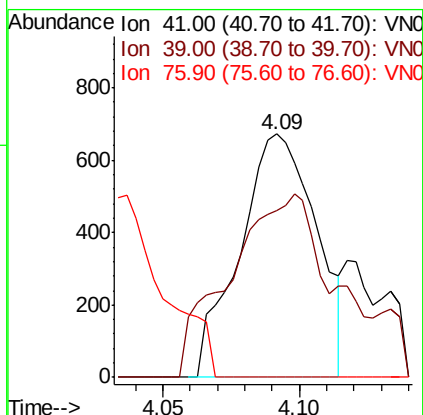
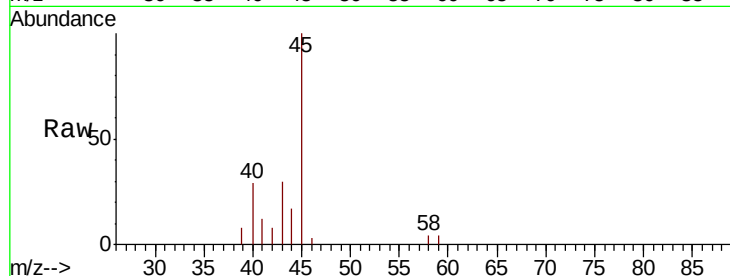




#14
Allvl chloride
Concen: 0.287 ug/l
RT: 4.09 min Scan# 721
Delta R.T. -0.22 min
Lab File: VN056291.D
Acq: 13 Jun 2019 19:05

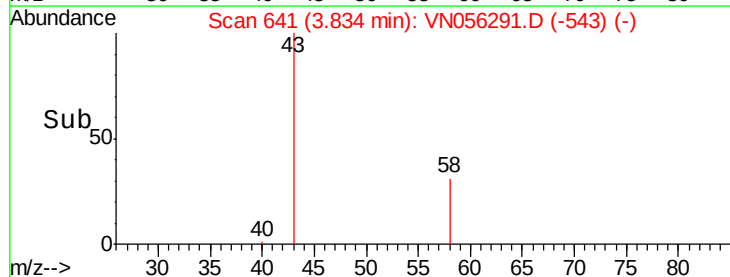
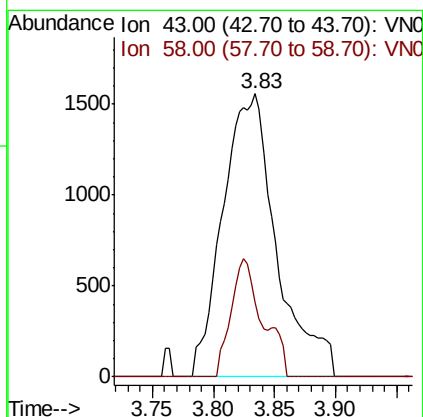
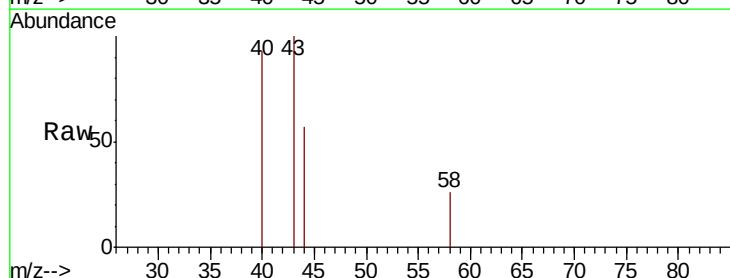
Instrument :
MSVOA_N
ClientSampled :

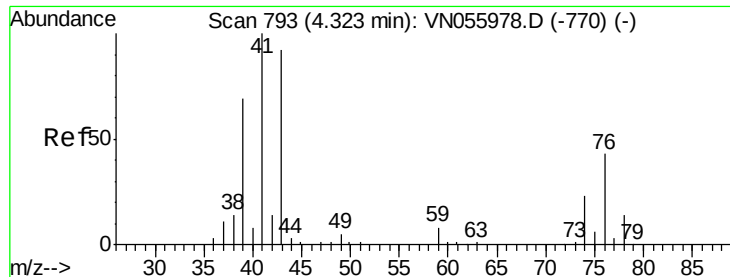
Tot Ion: 41 Resp: 1310
Ion Ratio Lower Upper
41 100
39 101.0 50.0 75.0#
76 0.0 28.2 42.2#



#16
Acetone
Concen: 2.909 ug/l
RT: 3.83 min Scan# 641
Delta R.T. 0.02 min
Lab File: VN056291.D
Acq: 13 Jun 2019 19:05

Tgt Ion: 43 Resp: 4758
Ion Ratio Lower Upper
43 100
58 26.4 26.6 39.8#

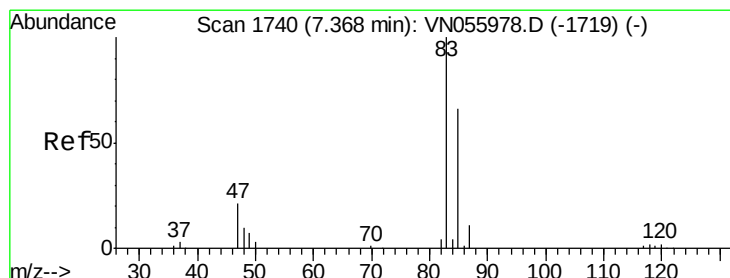
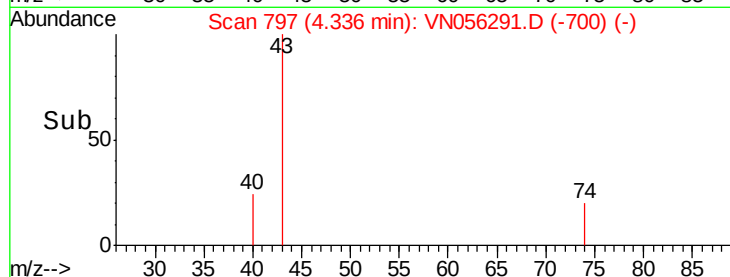
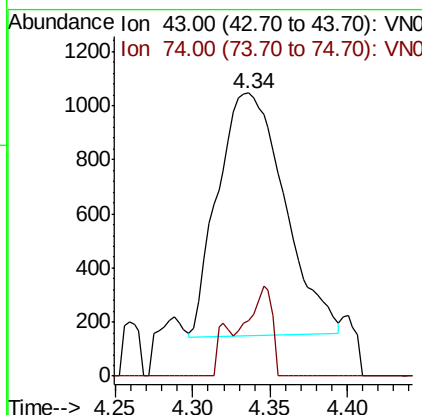
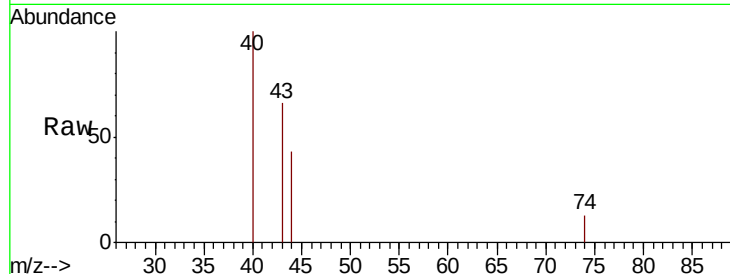




#18
Methvl Acetate
Concen: 0.260 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056291.D
Acq: 13 Jun 2019 19:05

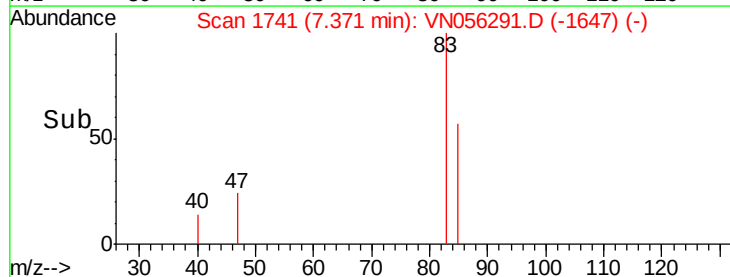
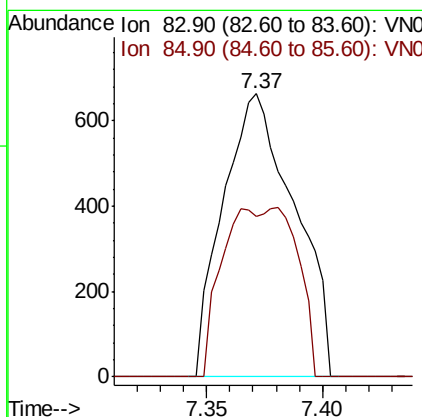
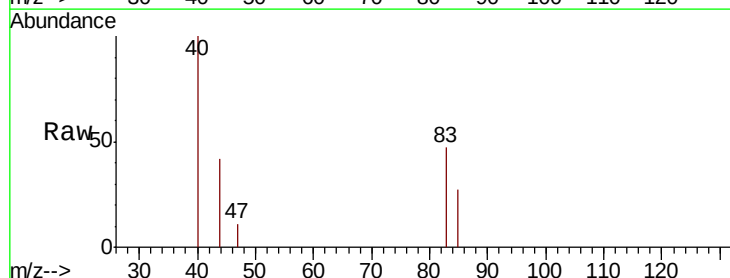
Instrument :
MSVOA_N
ClientSampled :

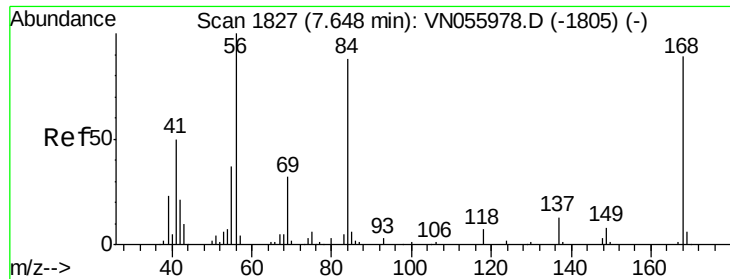
Tot Ion: 43 Resp: 2684
Ion Ratio Lower Upper
43 100
74 14.1 19.3 28.9#



#30
Chloroform
Concen: 0.259 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056291.D
Acq: 13 Jun 2019 19:05

Tgt Ion: 83 Resp: 1421
Ion Ratio Lower Upper
83 100
85 56.6 51.8 77.8

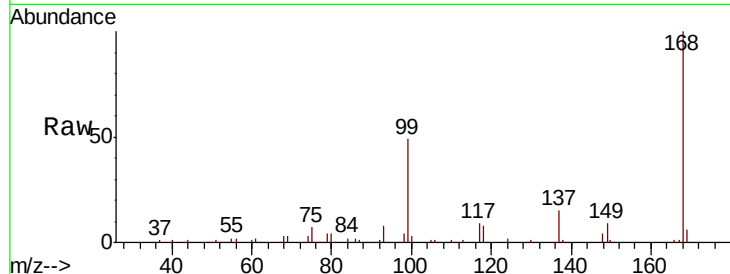




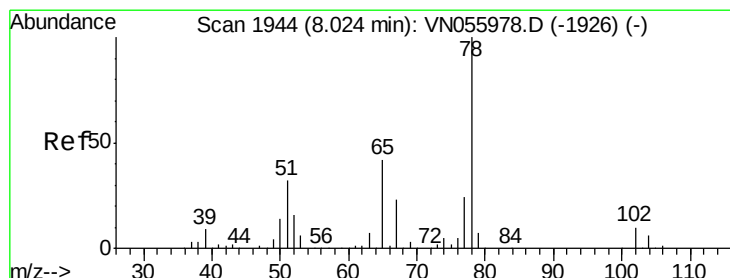
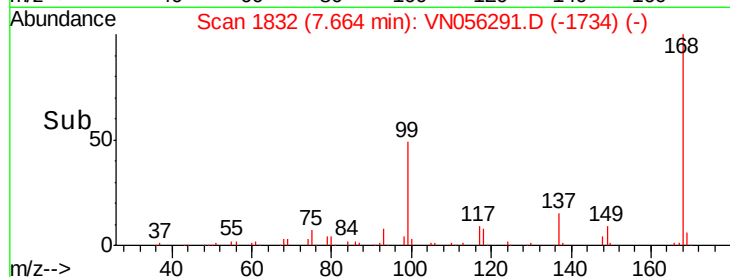
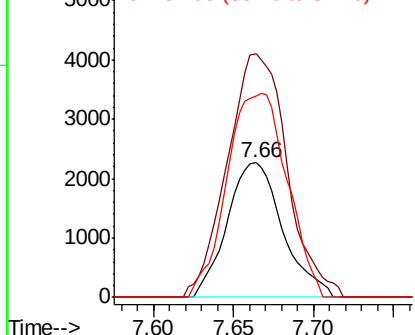
#31
Cyclohexane
Concen: 0.994 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN056291.D
Acq: 13 Jun 2019 19:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 5396
Ion Ratio Lower Upper
56 100
69 173.5 25.6 38.4#
84 149.6 67.4 101.0#

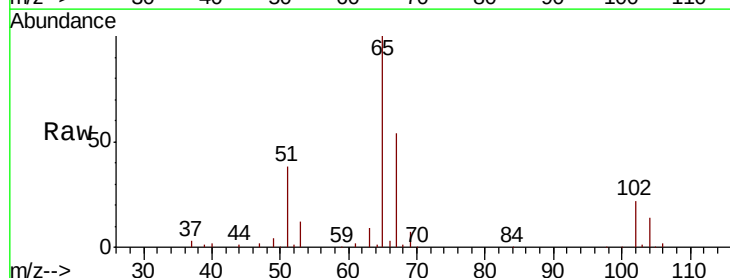


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

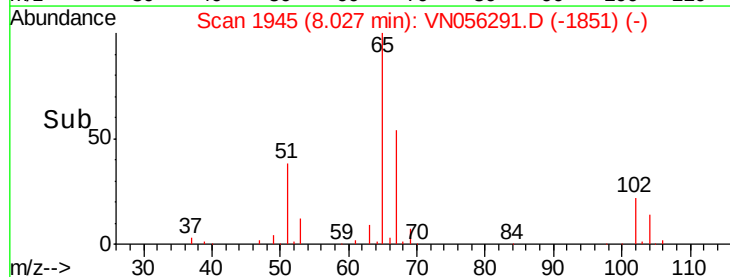
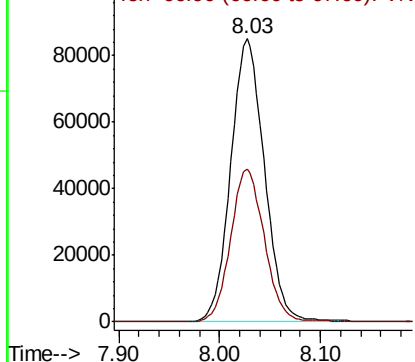


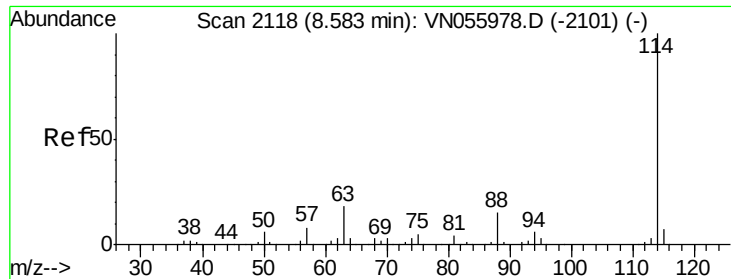
#33
1,2-Dichloroethane-d4
Concen: 57.795 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056291.D
Acq: 13 Jun 2019 19:05

Tgt Ion: 65 Resp: 197651
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

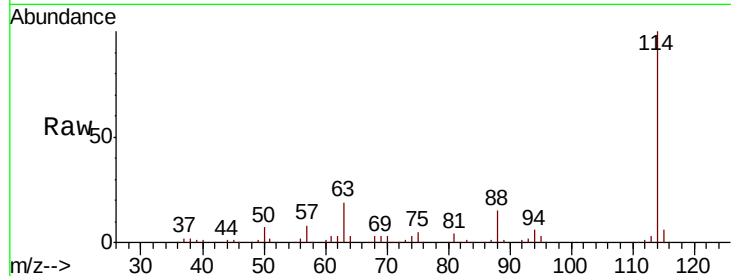




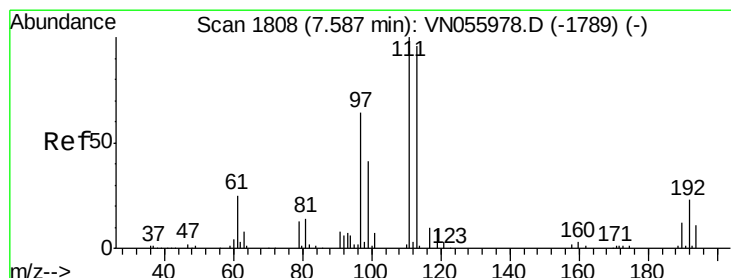
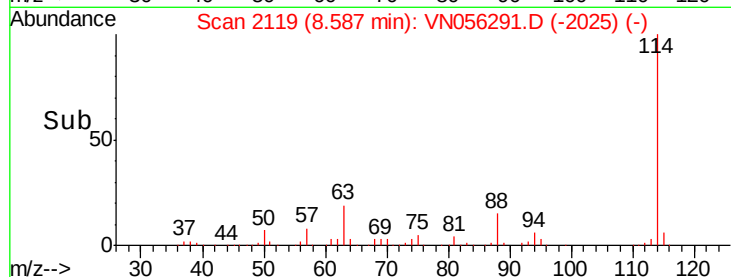
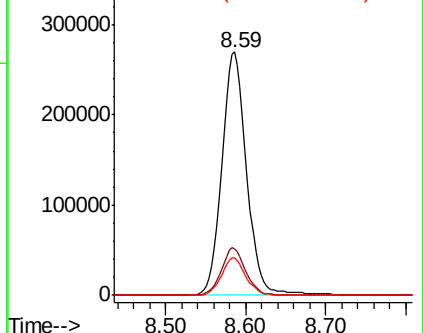
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056291.D
 Acq: 13 Jun 2019 19:05

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 574354
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 15.4 0.0 31.0

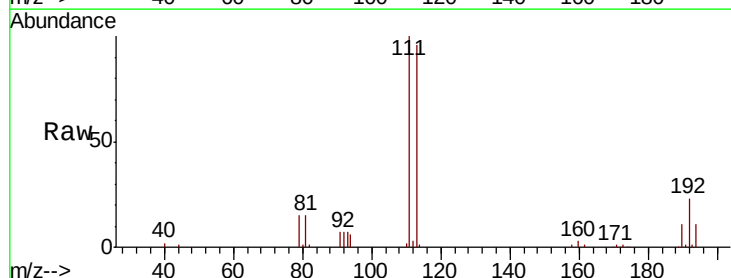


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

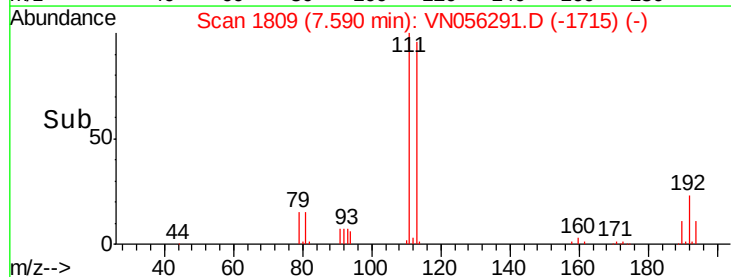
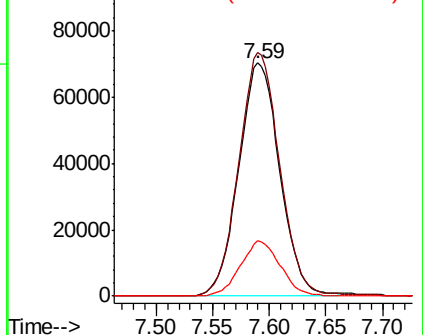


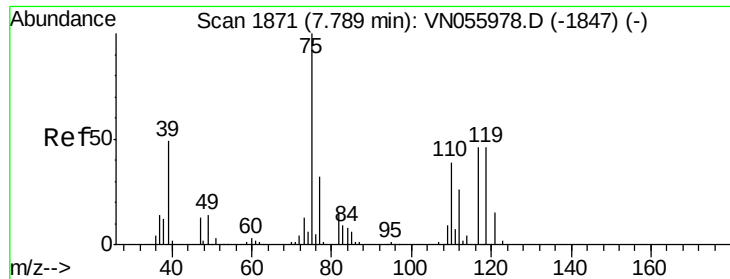
#35
 Dibromofluoromethane
 Concen: 50.449 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056291.D
 Acq: 13 Jun 2019 19:05

Tgt Ion:113 Resp: 177774
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.9 122.9
 192 22.9 19.5 29.3



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

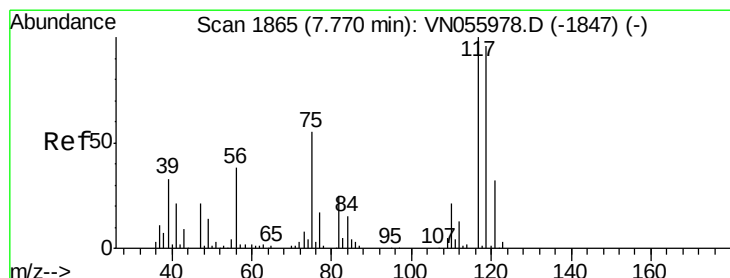
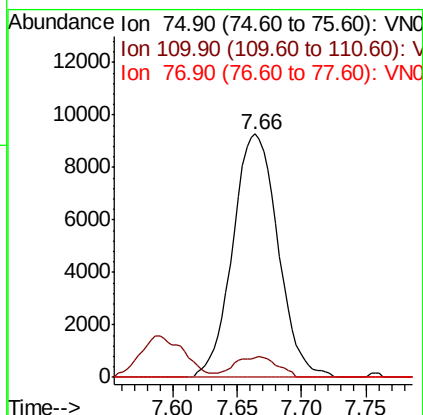
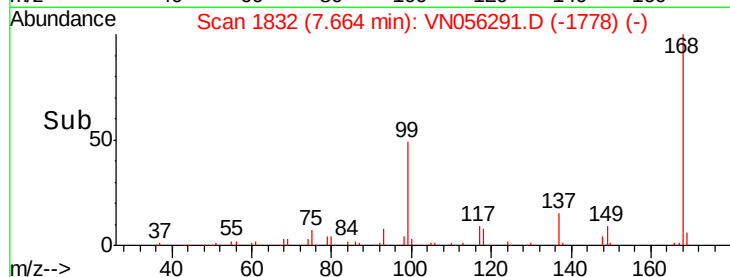
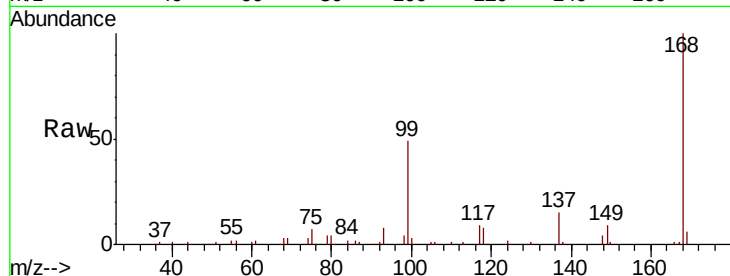




#36
 1,1-Dichloropropene
 Concen: 4.584 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056291.D
 Acq: 13 Jun 2019 19:05

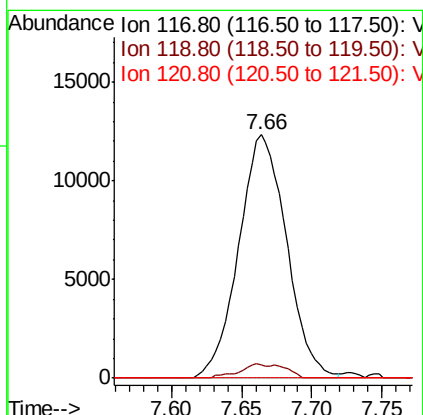
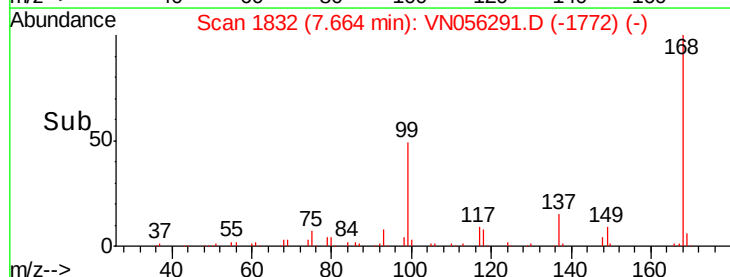
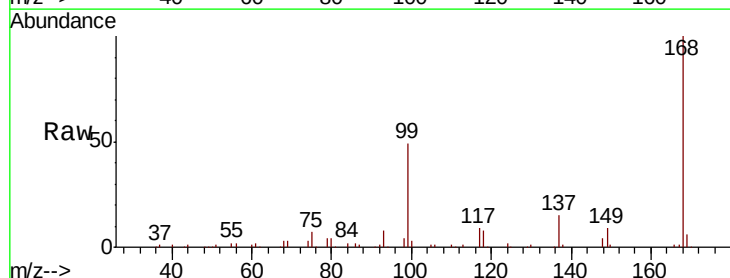
Instrument :
 MSVOA_N
 ClientSampleId :

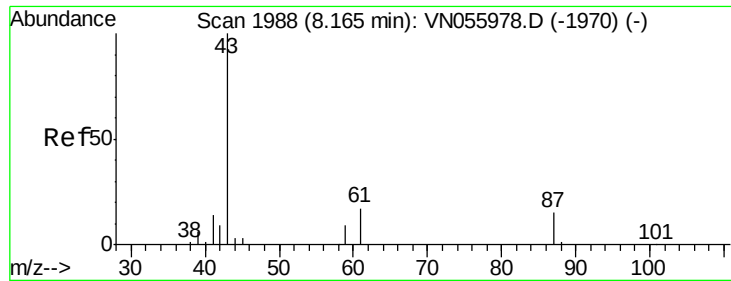
Tot Ion: 75 Resp: 22637
 Ion Ratio Lower Upper
 75 100
 110 8.1 19.0 57.0#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.418 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN056291.D
 Acq: 13 Jun 2019 19:05

Tgt Ion: 117 Resp: 29224
 Ion Ratio Lower Upper
 117 100
 119 5.4 79.0 118.6#
 121 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 0.611 ug/l

RT: 8.32 min Scan# 2035

Delta R.T. 0.15 min

Lab File: VN056291.D

Acq: 13 Jun 2019 19:05

Instrument :

MSVOA_N

ClientSampleId :

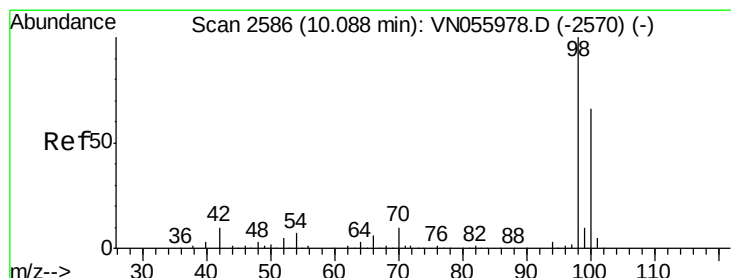
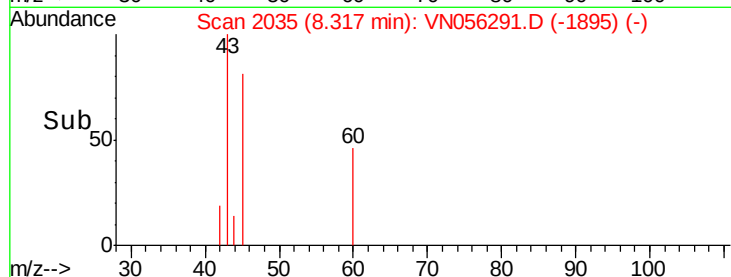
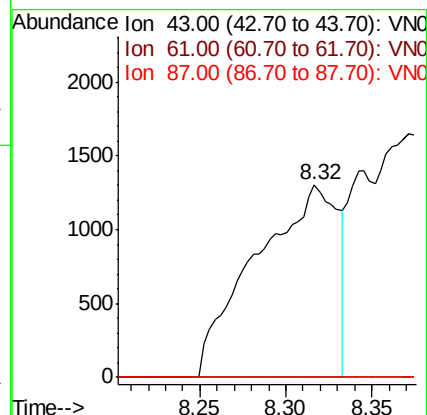
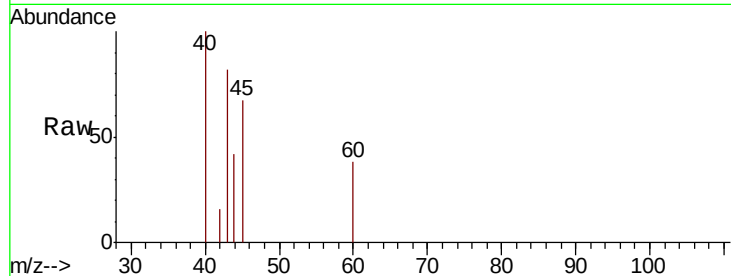
Tot Ion: 43 Resp: 4350

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.4#

87 0.0 11.4 17.2#



#50

Toluene-d8

Concen: 52.772 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056291.D

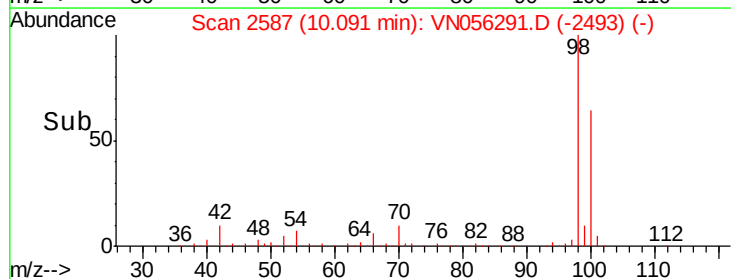
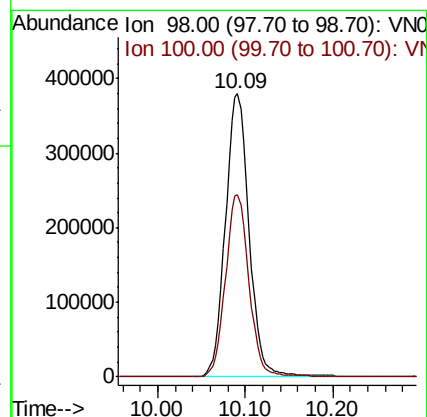
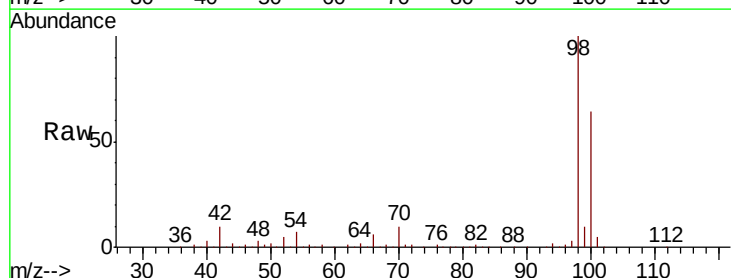
Acq: 13 Jun 2019 19:05

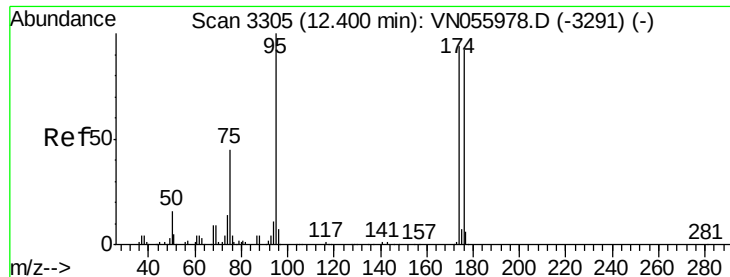
Tgt Ion: 98 Resp: 715575

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 49.170 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056291.D

Acq: 13 Jun 2019 19:05

Instrument :

MSVOA_N

ClientSampleId :

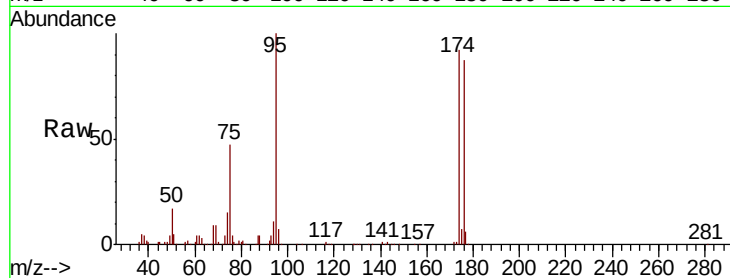
Tot Ion: 95 Resp: 226742

Ion Ratio Lower Upper

95 100

174 92.8 0.0 191.0

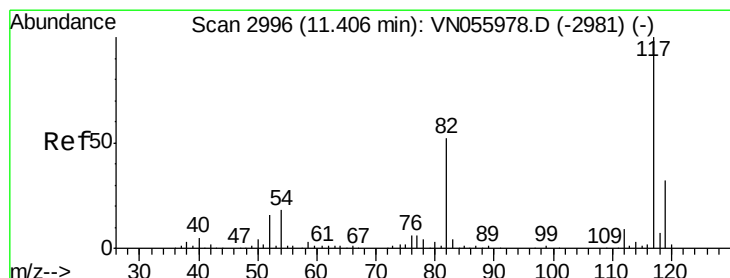
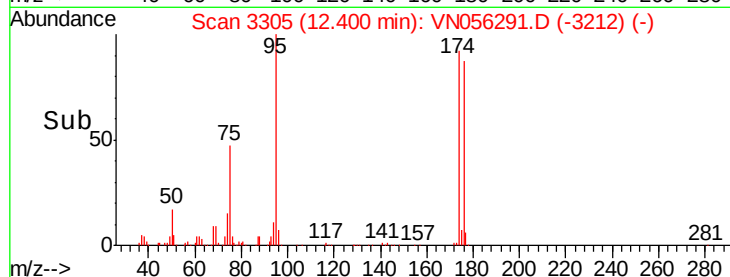
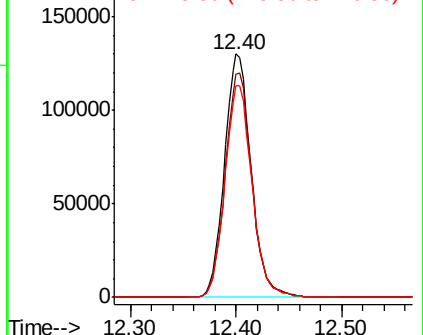
176 88.5 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056291.D

Acq: 13 Jun 2019 19:05

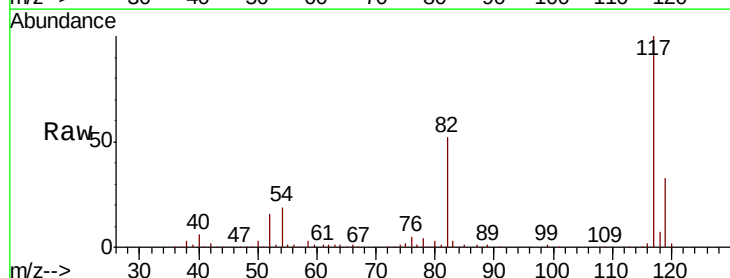
Tgt Ion: 117 Resp: 566538

Ion Ratio Lower Upper

117 100

82 52.2 41.8 62.8

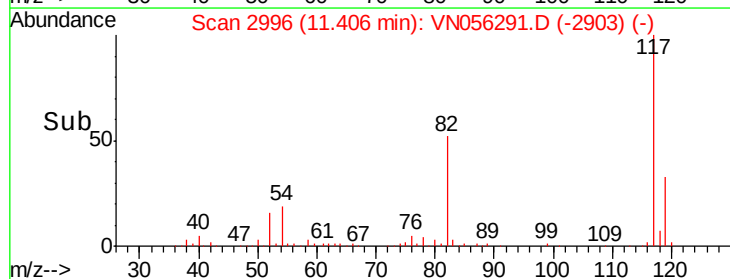
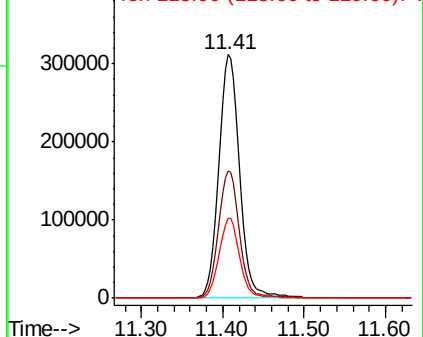
119 32.7 25.4 38.0

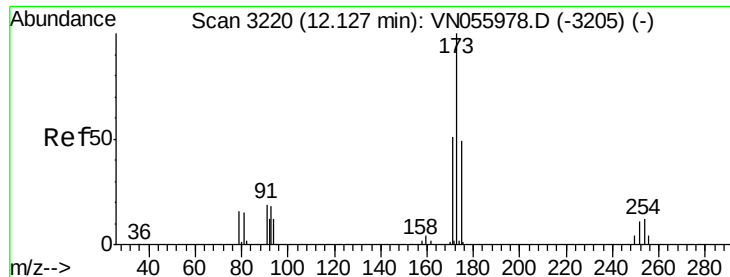


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)





#71

Bromoform

Concen: 3.252 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN056291.D

Acq: 13 Jun 2019 19:05

Instrument :

MSVOA_N

ClientSampleId :

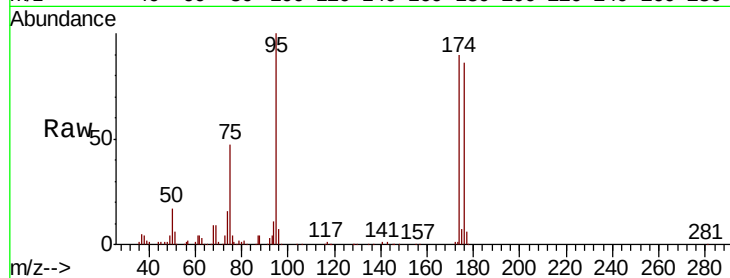
Tot Ion:173 Resp: 1762

Ion Ratio Lower Upper

173 100

175 747.5 24.3 72.8#

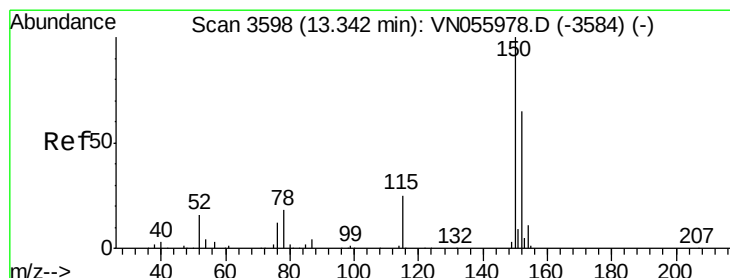
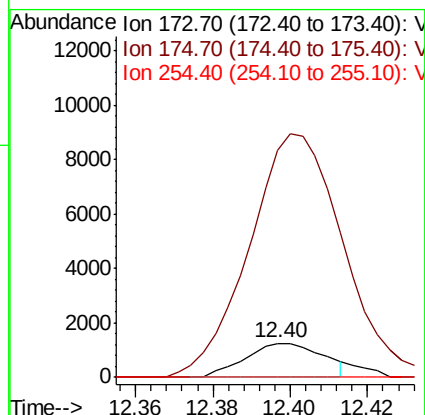
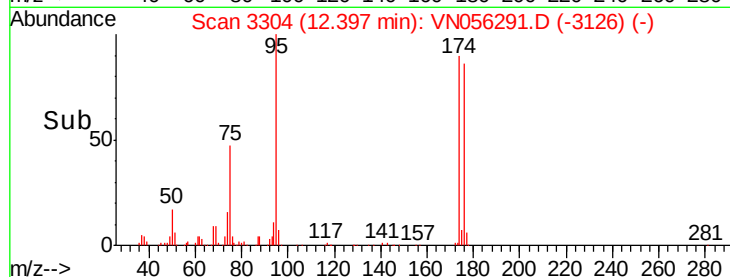
254 0.0 0.0 0.0



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056291.D

Acq: 13 Jun 2019 19:05

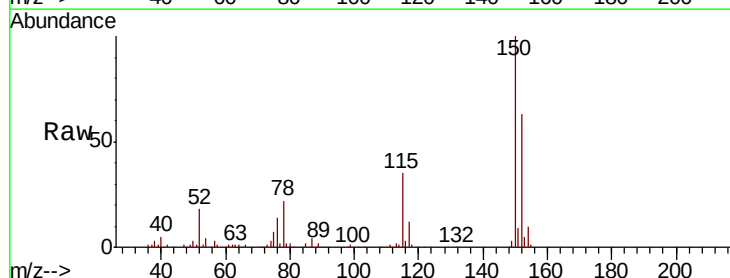
Tgt Ion:152 Resp: 169044

Ion Ratio Lower Upper

152 100

115 55.5 27.0 81.0

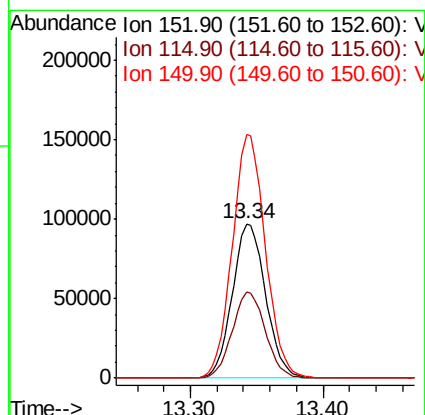
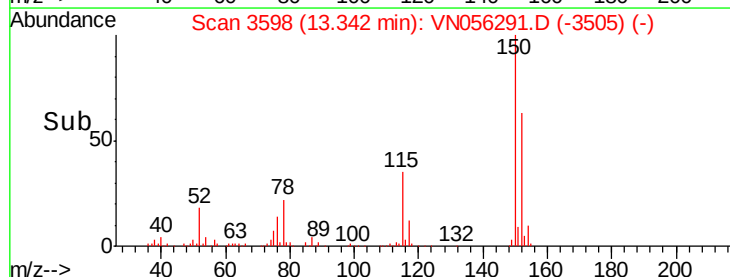
150 156.8 0.0 343.2

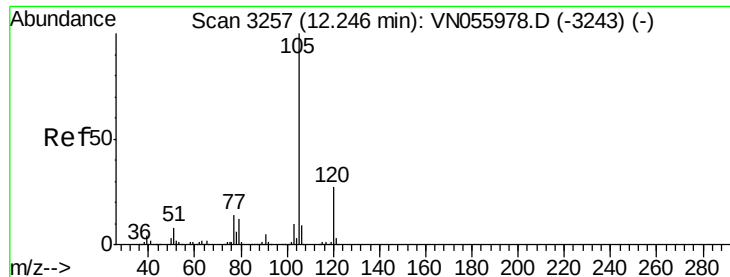


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. 0.16 min

Lab File: VN056291.D

Acq: 13 Jun 2019 19:05

Instrument :

MSVOA_N

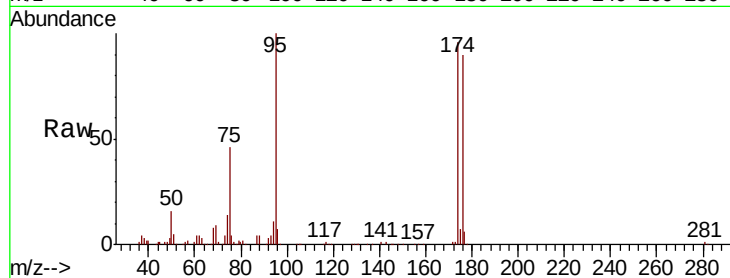
ClientSampleId :

Tot Ion:105 Resp: 29

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.41

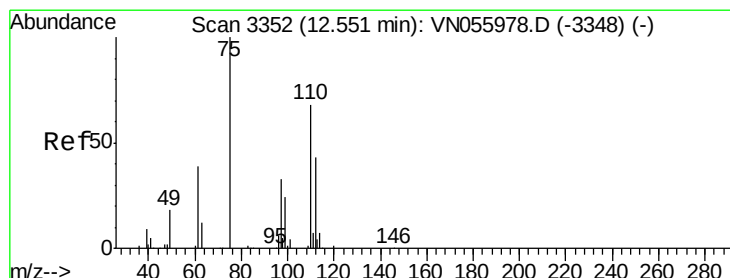
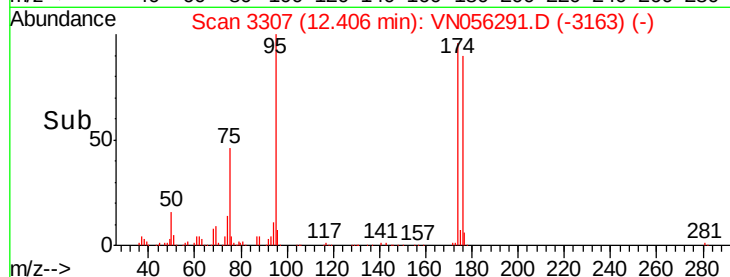
150

100

50

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 33.892 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056291.D

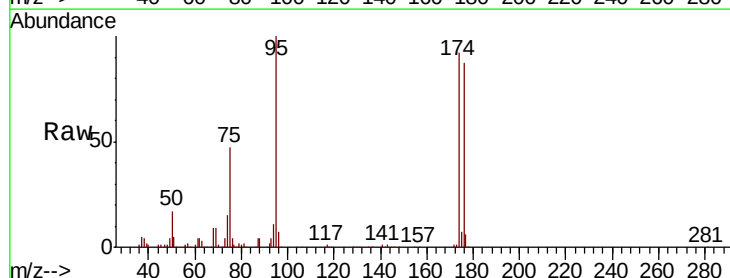
Acq: 13 Jun 2019 19:05

Tgt Ion: 75 Resp: 105420

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

12.40

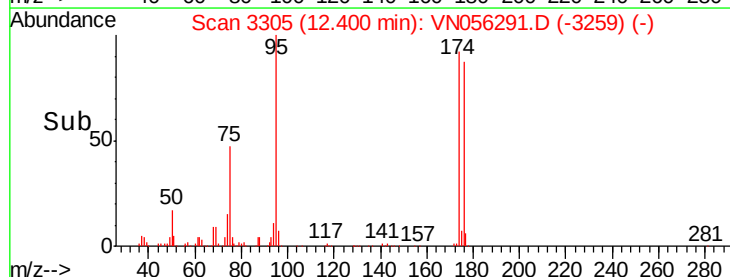
60000

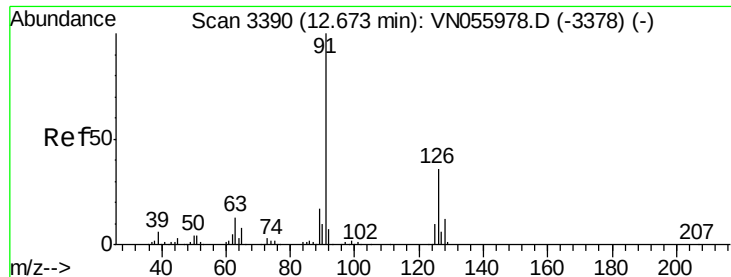
40000

20000

0

Time-->





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.60 min Scan# 3367

Delta R.T. -0.07 min

Lab File: VN056291.D

Acq: 13 Jun 2019 19:05

Instrument :

MSVOA_N

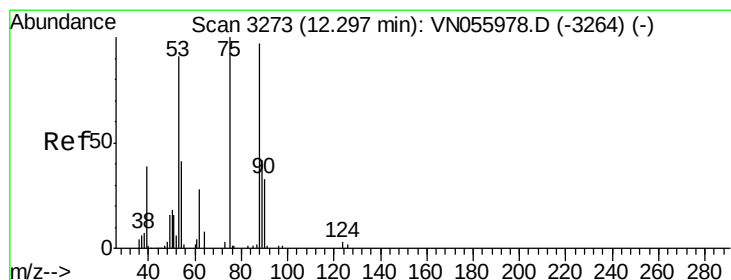
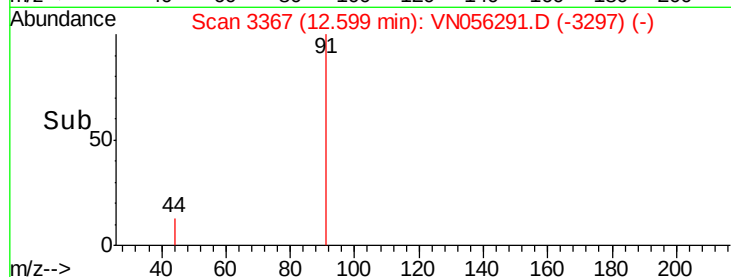
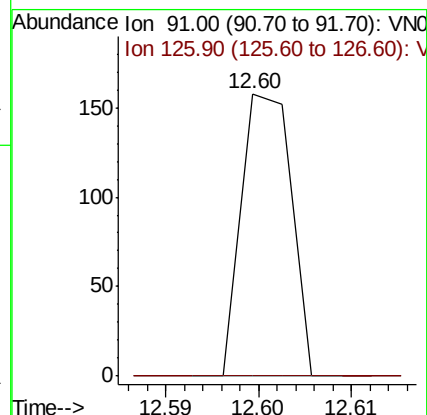
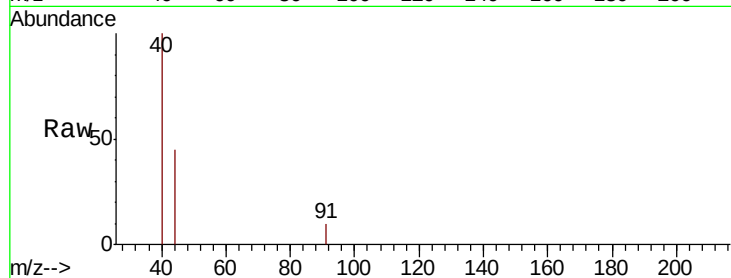
ClientSampleId :

Tot Ion: 91 Resp: 60

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 112.866 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056291.D

Acq: 13 Jun 2019 19:05

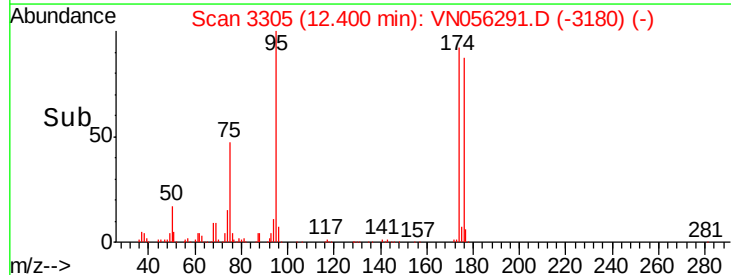
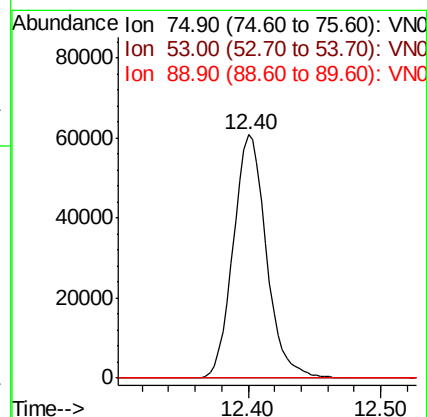
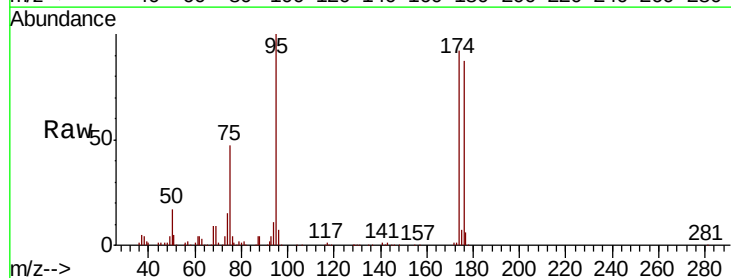
Tgt Ion: 75 Resp: 105420

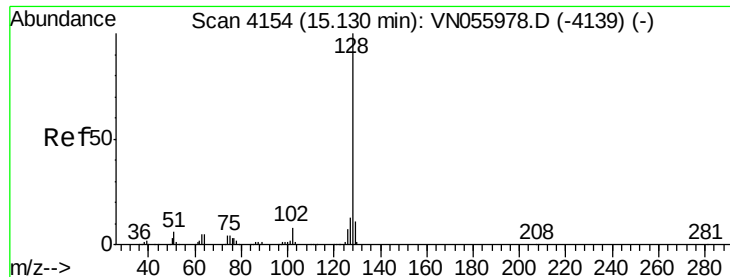
Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 3.877 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN056291.D

Acq: 13 Jun 2019 19:05

Instrument :

MSVOA_N

ClientSampleId :

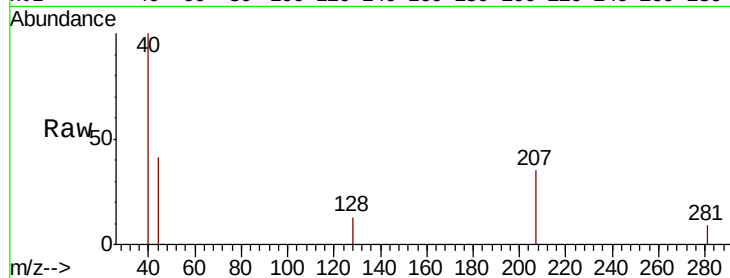
Tot Ion:128 Resp: 222

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.7 13.1#



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

