

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053053.D
 Acq On : 20 Dec 2018 13:41
 Operator : MD\SY
 Sample : J6411-12DL 100X
 Misc : 5.72g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 00:16:36 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	1451051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2213825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1984794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	809337	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	690144	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	
35) Dibromofluoromethane	7.59	113	568205	56.19	ug/l	0.00
Spiked Amount			Recovery	=	112.38%	
50) Toluene-d8	10.09	98	2709062	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	921736	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.81	43	938	0.325	ug/l	94
18) Methyl Acetate	4.34	43	2580	1.185	ug/l #	63
31) Cyclohexane	7.66	56	23650	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	95891	4.513	ug/l #	49
38) Carbon Tetrachloride	7.67	117	124169	6.375	ug/l #	16
39) Methylcyclohexane	9.08	83	19402	0.752	ug/l	91
43) Isopropyl Acetate	8.34	43	168530	6.431	ug/l #	53
55) 1,1,2-Trichloroethane	10.53	97	15172	1.110	ug/l #	19
56) Ethyl methacrylate	10.43	69	10665	0.590	ug/l #	46
59) 2-Hexanone	10.72	43	31678	4.076	ug/l #	27
67) Ethyl Benzene	11.51	91	19192	0.254	ug/l	92
71) Bromoform	12.40	173	5355	0.484	ug/l #	1
73) Isopropylbenzene	12.25	105	237274	3.747	ug/l	100
74) N-amyl acetate	12.04	43	189358	10.771	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.47	83	25365	2.042	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	419747	30.809	ug/l #	100
78) n-propylbenzene	12.59	91	659477	9.144	ug/l	99
79) 2-Chlorotoluene	12.59	91	659477	14.752	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	163004	3.158	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	419747	99.300	ug/l #	13
82) 4-Chlorotoluene	12.59	91	659688	15.075	ug/l #	40
83) tert-Butylbenzene	12.99	119	53675	1.176	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	3553269	68.481	ug/l	99
85) sec-Butylbenzene	13.17	105	352470	5.709	ug/l #	68
86) p-Isopropyltoluene	13.29	119	346301	6.491	ug/l	98
89) n-Butylbenzene	13.62	91	233074	5.078	ug/l #	77
90) Hexachloroethane	13.89	117	41909	5.119	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1715	0.798	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	527	0.632	ug/l #	1
94) Hexachlorobutadiene	15.01	225	31	Below Cal	#	19
95) Naphthalene	15.13	128	31836	2.124	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.32	180	453	0.542	ug/l #	1

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Quant Time: Dec 21 00:16:36 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

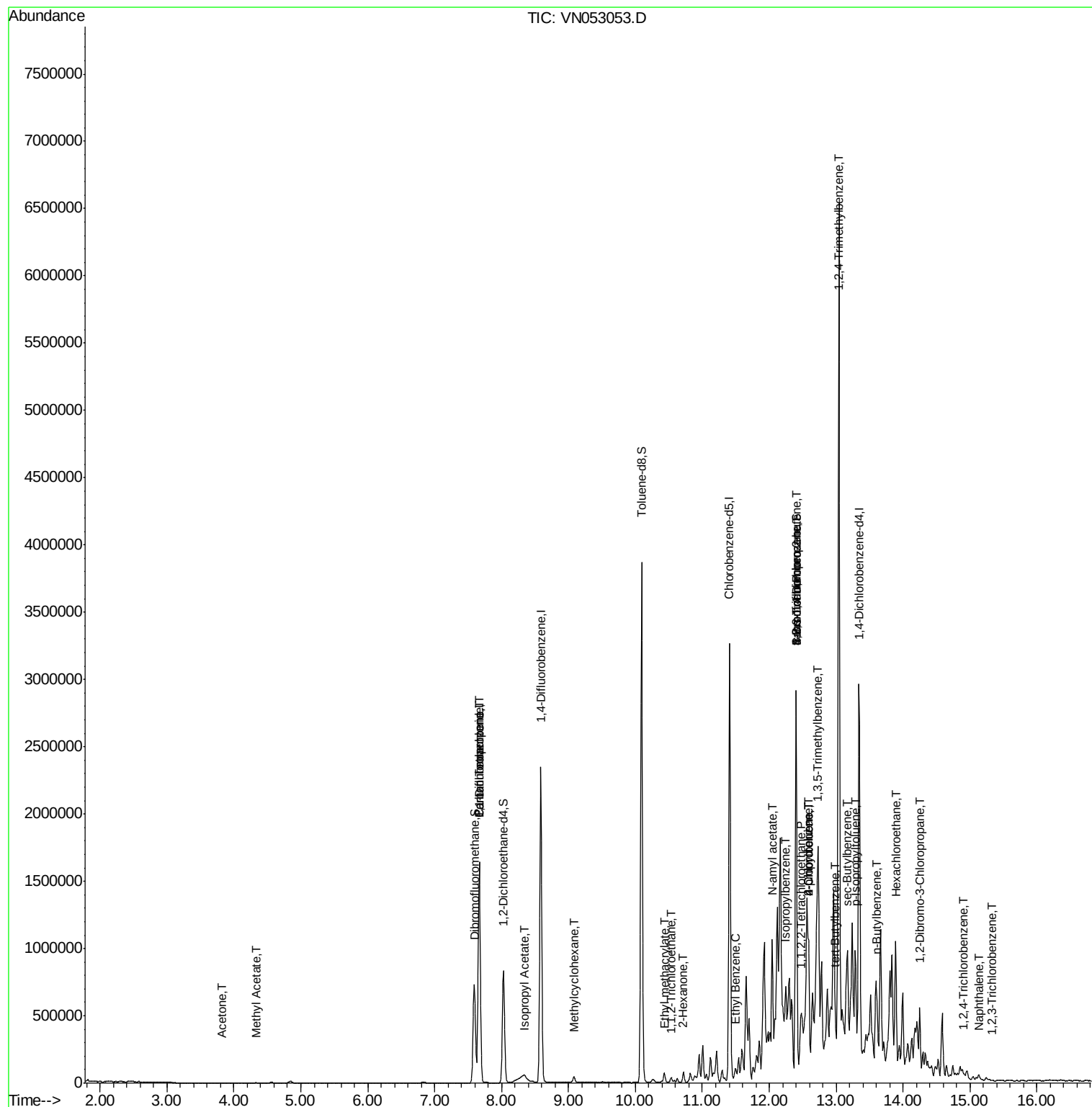
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

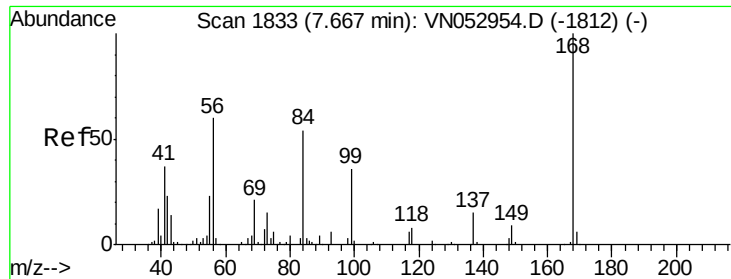
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122018\
Data File : VN053053.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053053.D

Acq: 20 Dec 2018 13:41

Instrument :

MSVOA_N

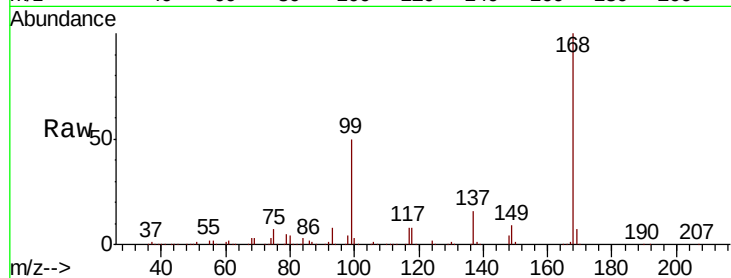
ClientSampled :

Tot Ion:168 Resp: 1451051

Ion Ratio Lower Upper

168 100

99 50.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053053.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053053.D (-1740) (-)

7.67

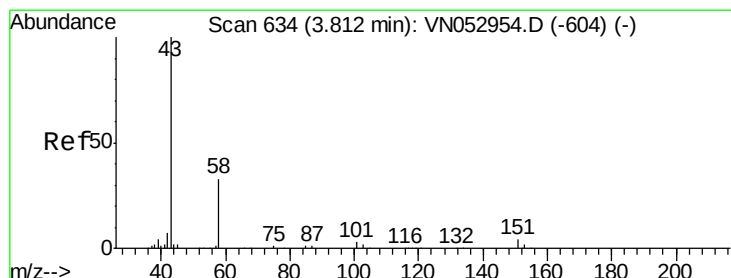
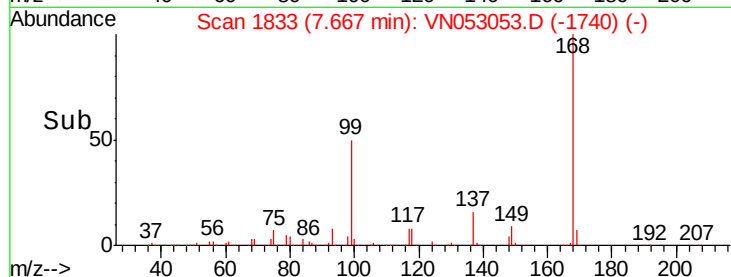
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 0.325 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN053053.D

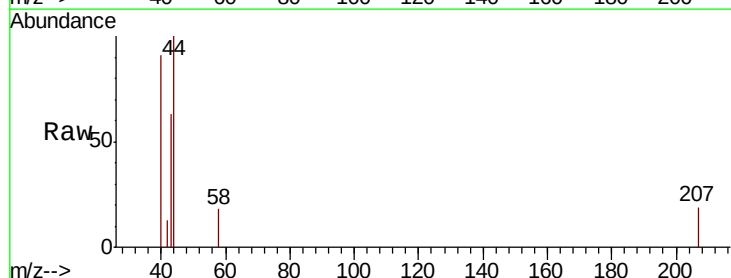
Acq: 20 Dec 2018 13:41

Tgt Ion: 43 Resp: 938

Ion Ratio Lower Upper

43 100

58 28.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053053.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053053.D (-541) (-)

3.81

800

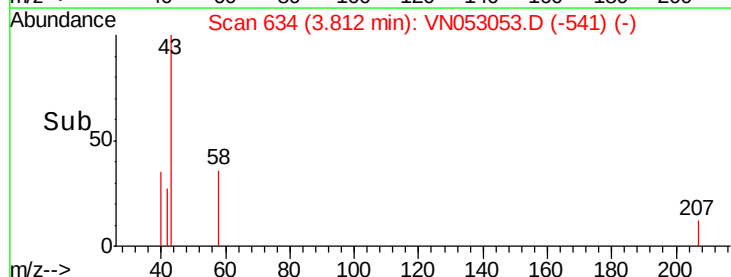
600

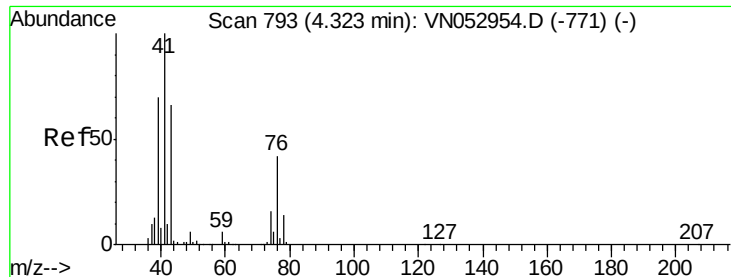
400

200

0

Time-->

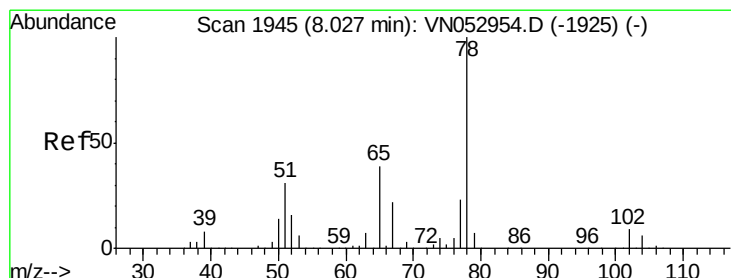
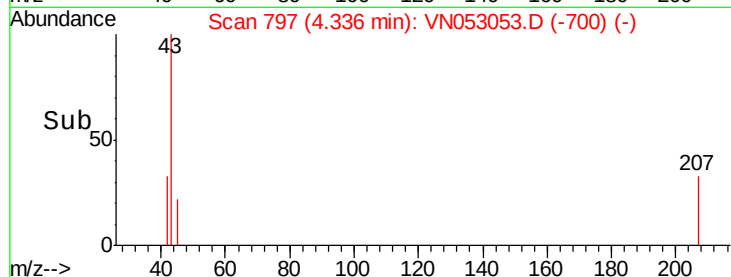
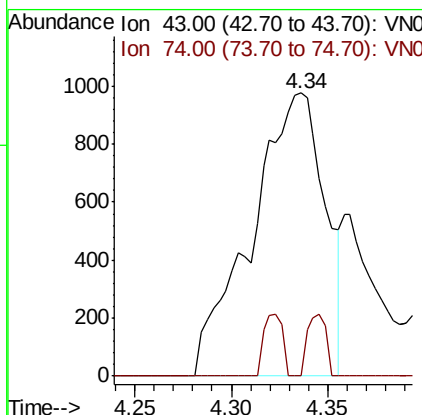
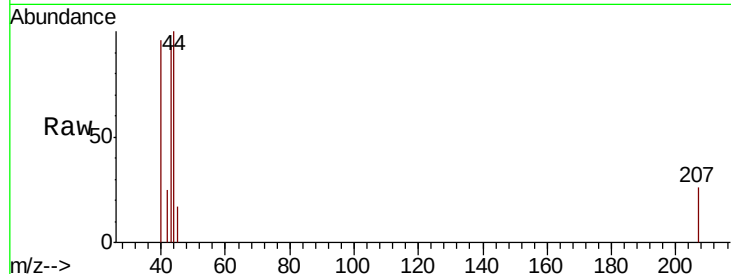




#18
Methyl Acetate
Concen: 1.185 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

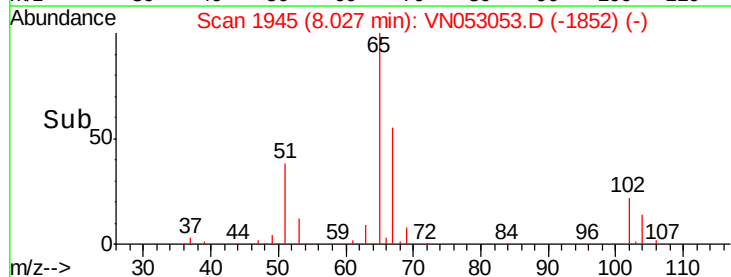
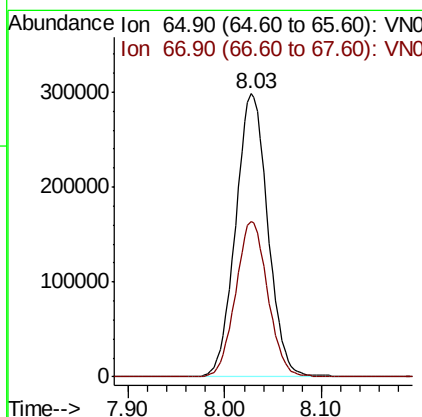
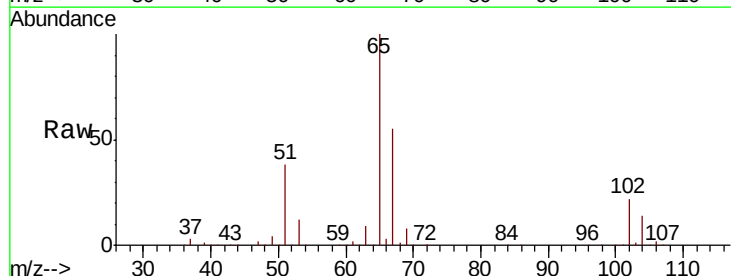
Instrument :
MSVOA_N
ClientSampled :

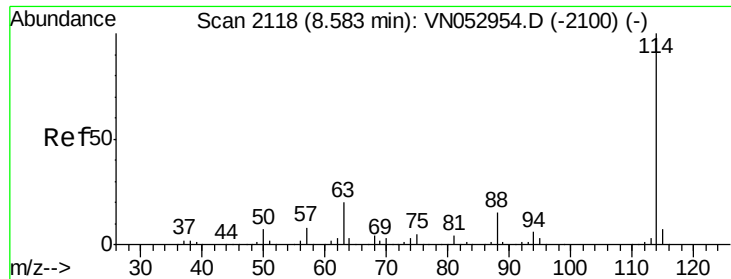
Tot Ion: 43 Resp: 2580
Ion Ratio Lower Upper
43 100
74 5.6 19.2 28.8#



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

Tgt Ion: 65 Resp: 690144
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: VN053053.D

Acq: 20 Dec 2018 13:41

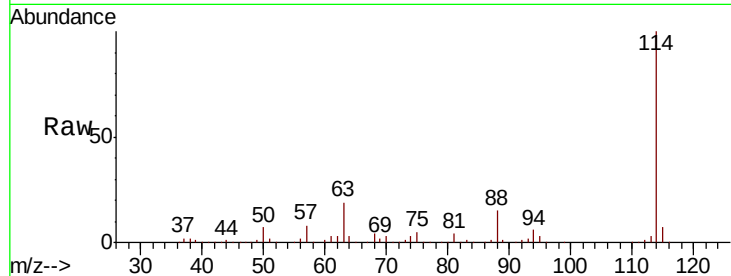
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:114 Resp: 2213825

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.8
88	15.4	0.0	31.0

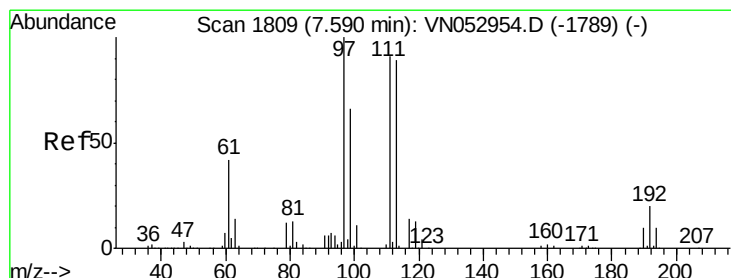
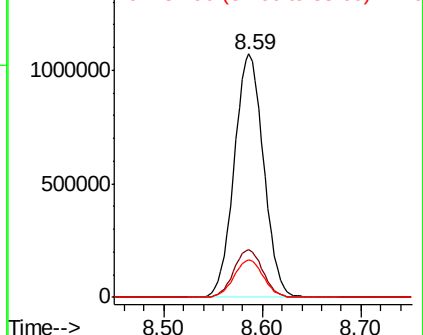
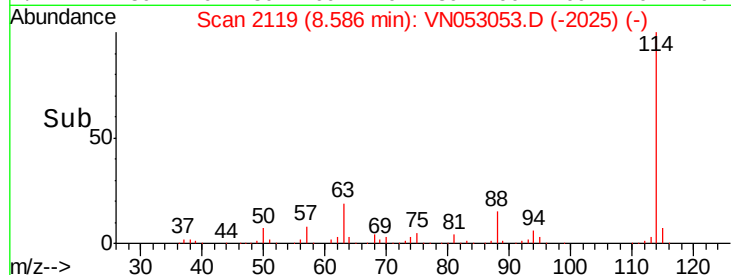


Abundance

Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

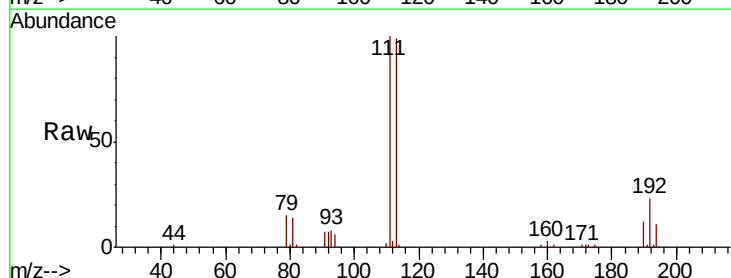
Delta R.T. 0.00 min

Lab File: VN053053.D

Acq: 20 Dec 2018 13:41

Tgt Ion:113 Resp: 568205

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.0	124.4
192	22.8	17.5	26.3

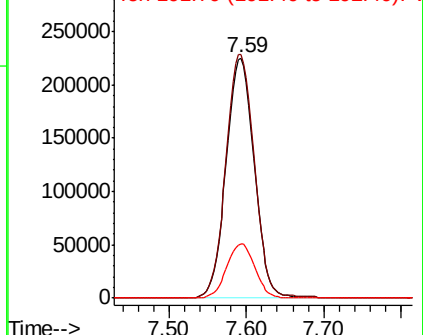
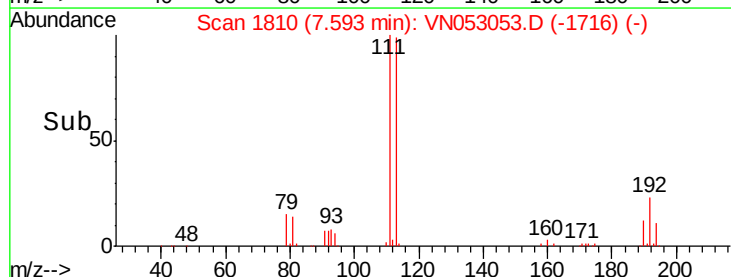


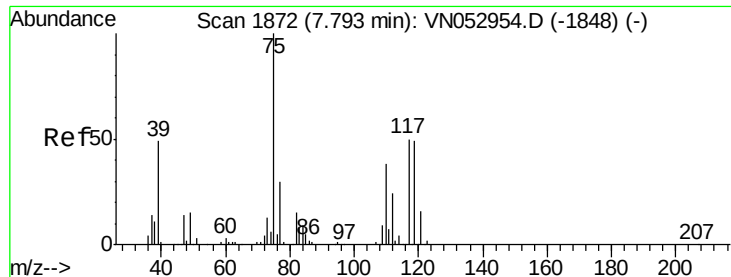
Abundance

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

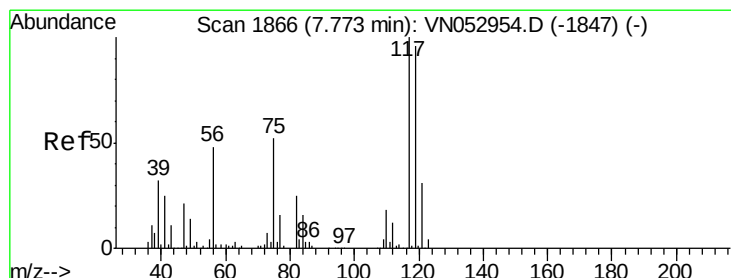
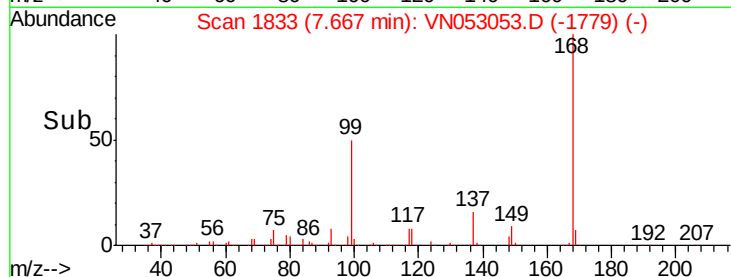
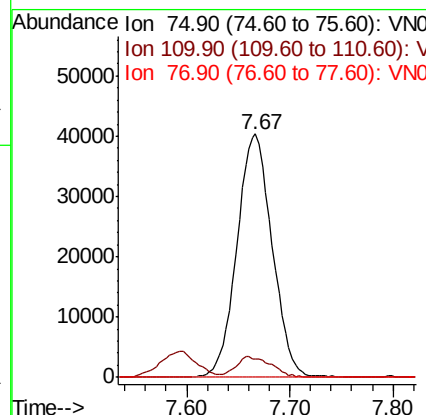
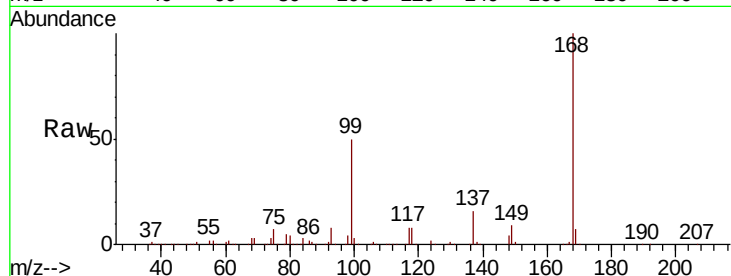




#36
 1,1-Dichloropropene
 Concen: 4.513 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053053.D
 Acq: 20 Dec 2018 13:41

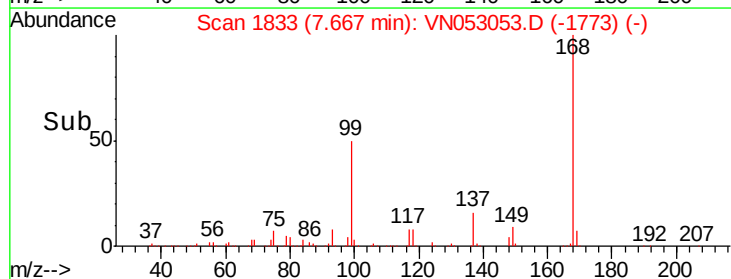
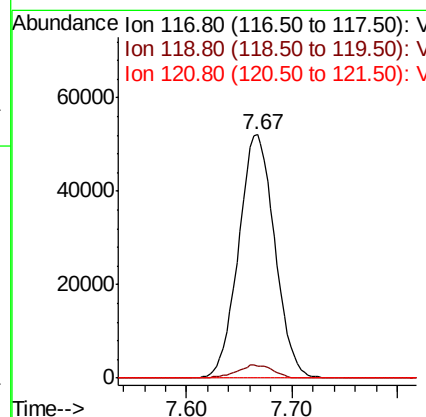
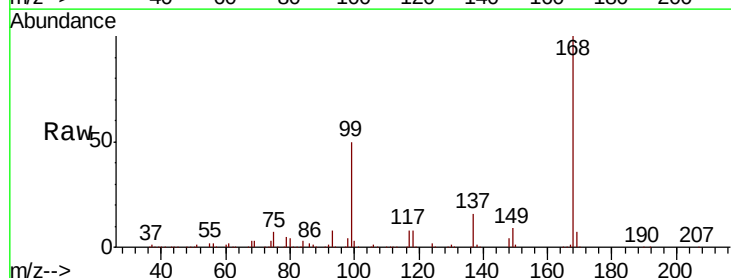
Instrument :
 MSVOA_N
 ClientSampled :

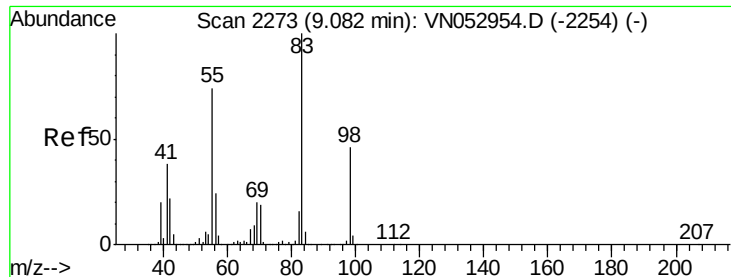
Tot Ion	75	Resp	95891
Ion Ratio	Lower	Upper	
75	100		
110	8.5	18.2	54.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.375 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053053.D
 Acq: 20 Dec 2018 13:41

Tgt Ion	117	Resp	124169
Ion Ratio	Lower	Upper	
117	100		
119	5.0	77.1	115.7#
121	0.0	24.9	37.3#

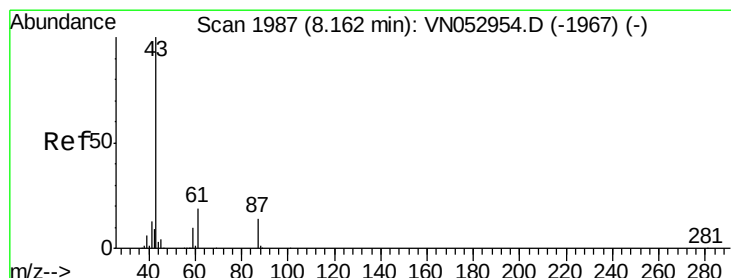
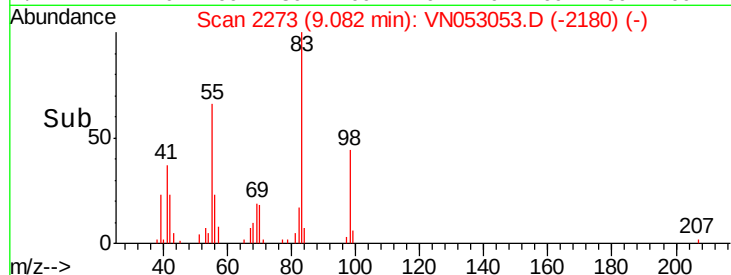
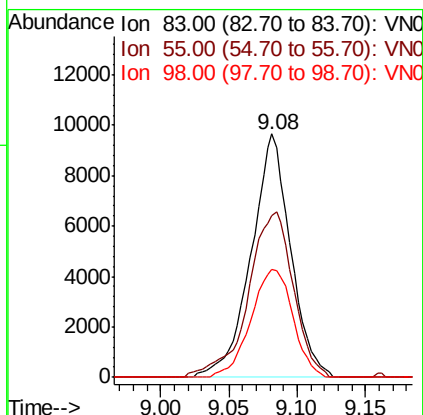
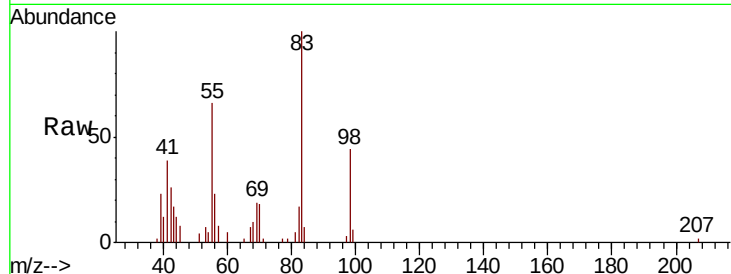




#39
Methylcyclohexane
Concen: 0.752 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

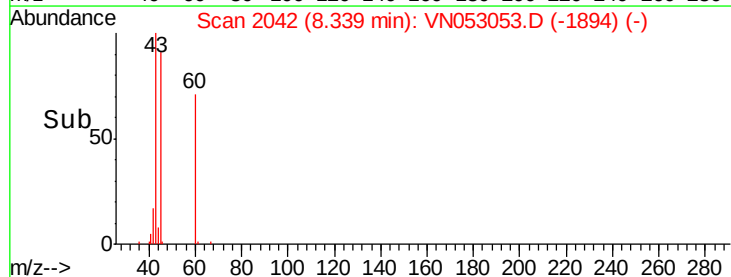
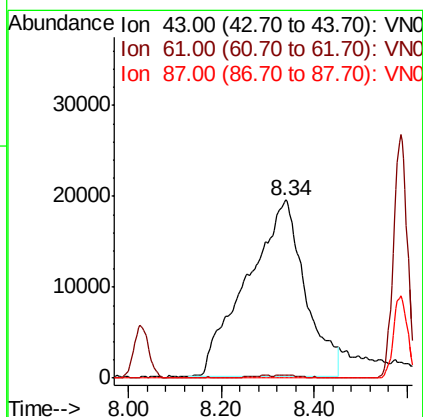
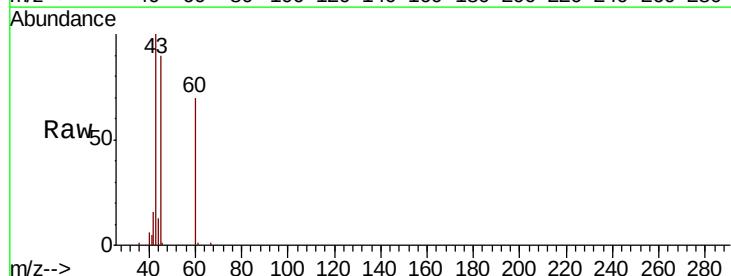
Instrument :
MSVOA_N
ClientSampleId :

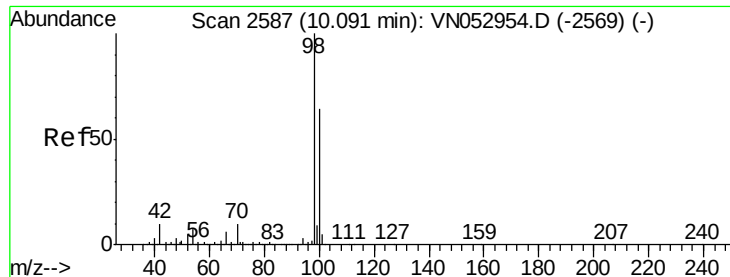
Tot Ion	83	Resp	19402
Ion Ratio	Lower	Upper	
83	100		
55	66.4	61.3	91.9
98	44.1	37.0	55.4



#43
Isopropyl Acetate
Concen: 6.431 ug/l
RT: 8.34 min Scan# 2042
Delta R.T. 0.18 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

Tgt Ion	43	Resp	168530
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: VN053053.D

Acq: 20 Dec 2018 13:41

Instrument :

MSVOA_N

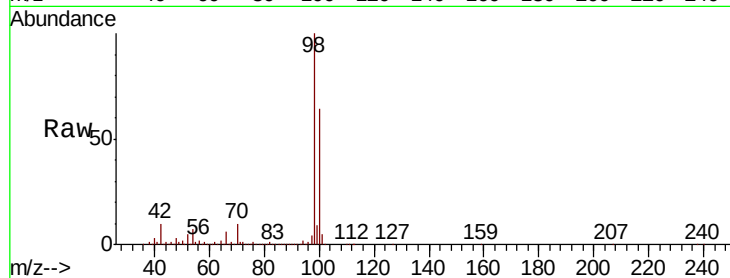
ClientSampled :

Tot Ion: 98 Resp: 2709062

Ion Ratio Lower Upper

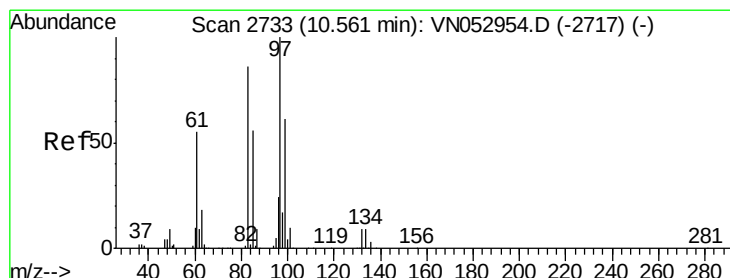
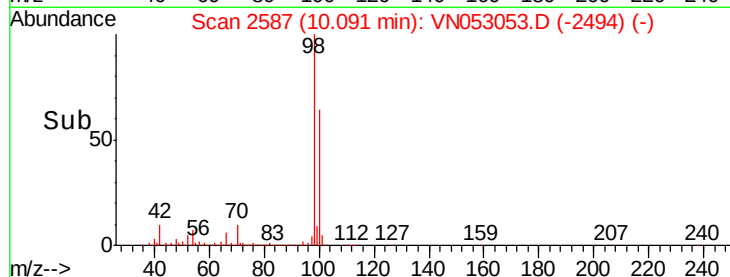
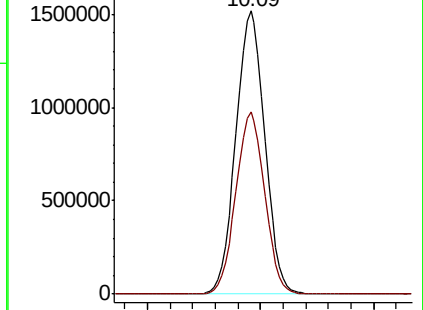
98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN052954.D (-2569) (-)



#55

1,1,2-Trichloroethane

Concen: 1.110 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN053053.D

Acq: 20 Dec 2018 13:41

Tgt Ion: 97 Resp: 15172

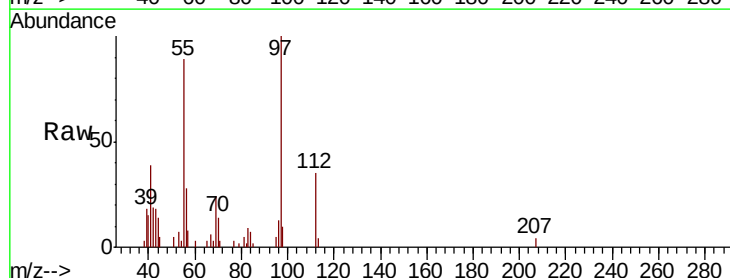
Ion Ratio Lower Upper

97 100

83 8.8 70.9 106.3#

85 2.5 45.4 68.2#

99 0.0 50.4 75.6#

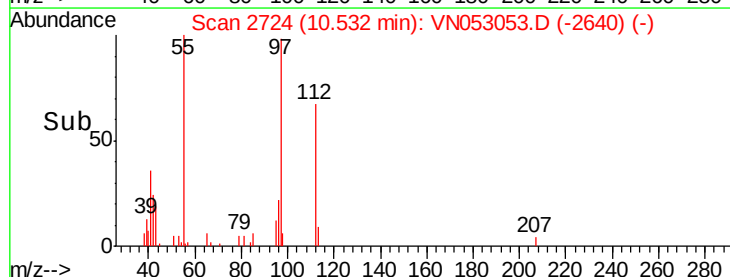
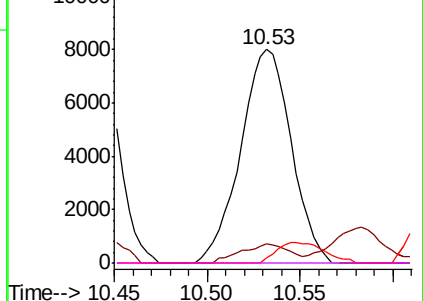


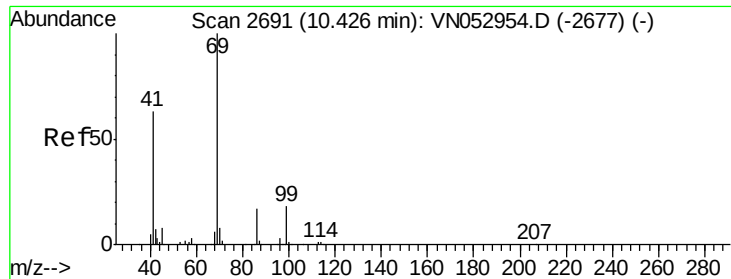
Abundance Ion 96.90 (96.60 to 97.60): VN052954.D (-2717) (-)

Ion 82.90 (82.60 to 83.60): VN052954.D (-2717) (-)

Ion 84.90 (84.60 to 85.60): VN052954.D (-2717) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-2717) (-)

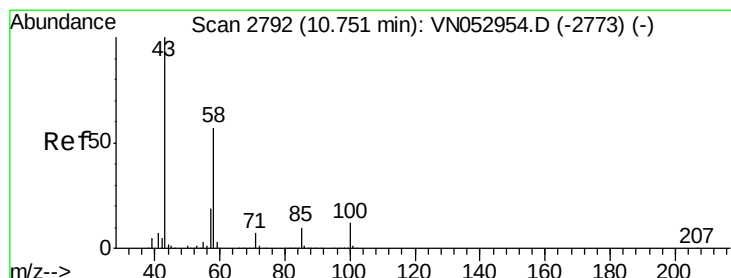
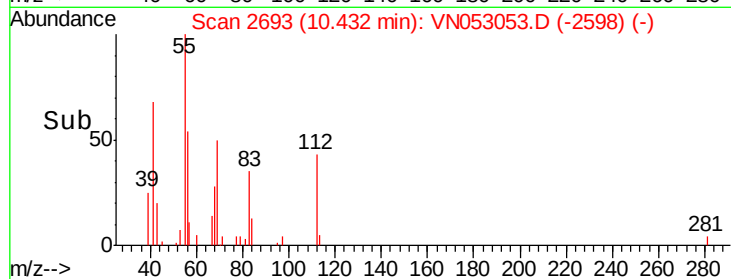
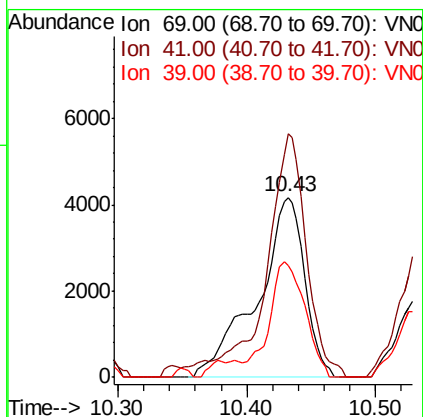
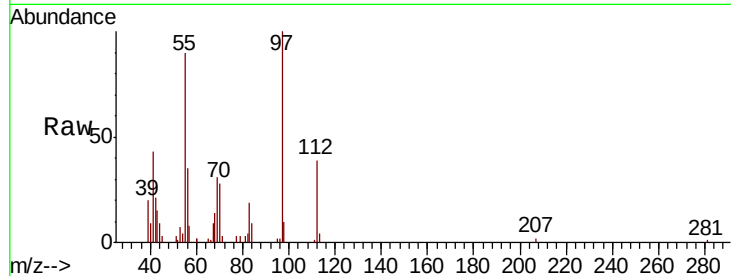




#56
Ethyl methacrylate
Concen: 0.590 ug/l
RT: 10.43 min Scan# 2693
Delta R.T. 0.01 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

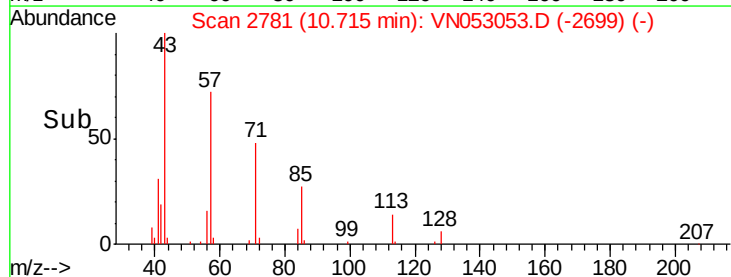
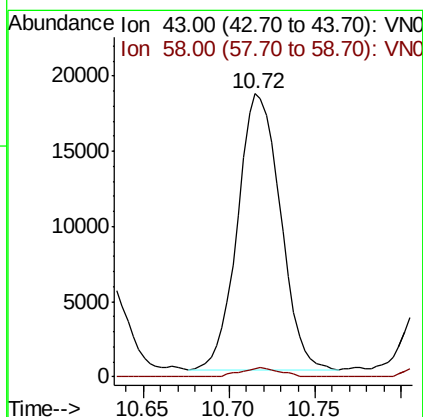
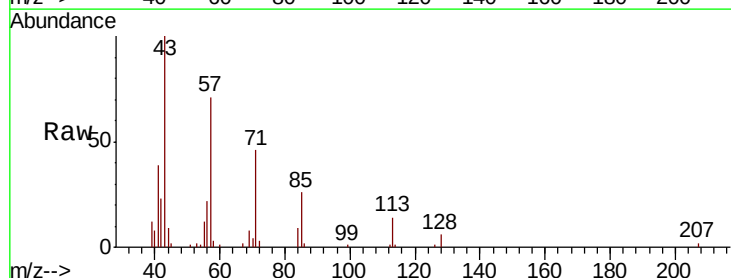
Instrument :
MSVOA_N
ClientSampleId :

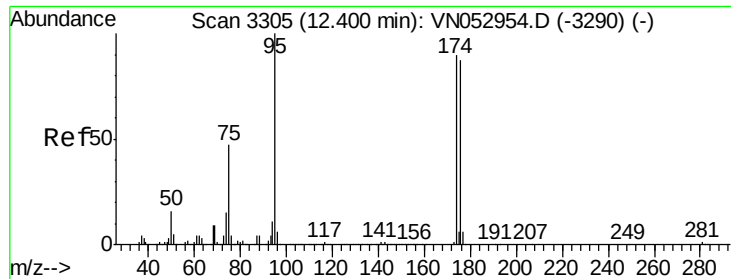
Tot Ion: 69 Resp: 10665
Ion Ratio Lower Upper
69 100
41 115.5 51.7 77.5#
39 48.6 24.6 37.0#



#59
2-Hexanone
Concen: 4.076 ug/l
RT: 10.72 min Scan# 2781
Delta R.T. -0.04 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

Tgt Ion: 43 Resp: 31678
Ion Ratio Lower Upper
43 100
58 3.1 28.1 84.3#

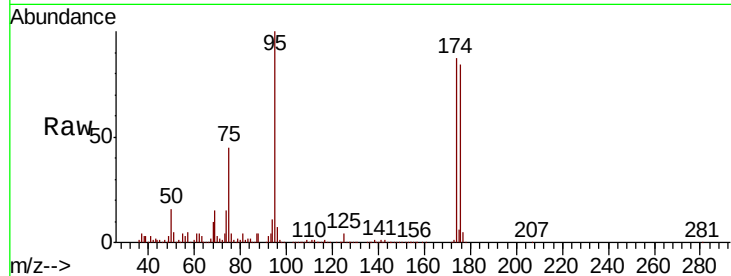




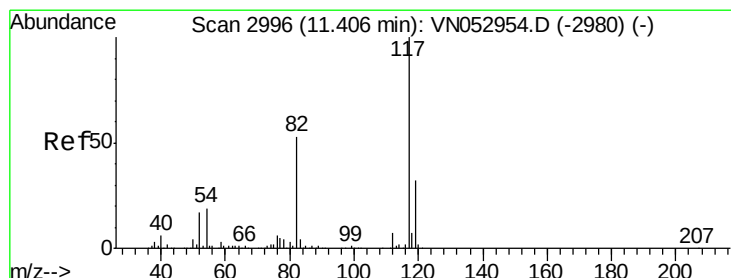
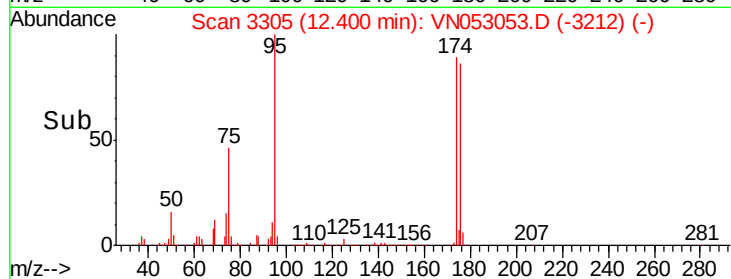
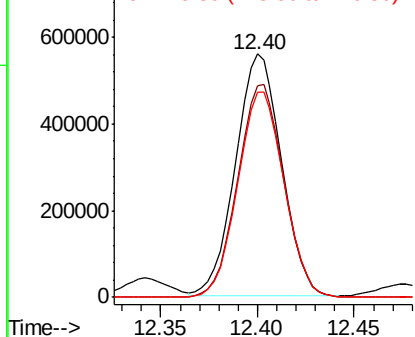
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 95 Resp: 921736
Ion Ratio Lower Upper
95 100
174 87.9 0.0 178.8
176 85.8 0.0 173.8

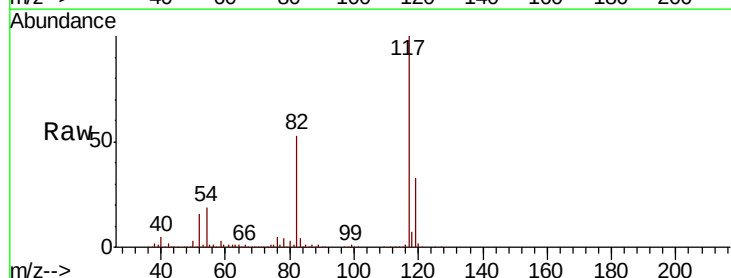


Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)
Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)
Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)

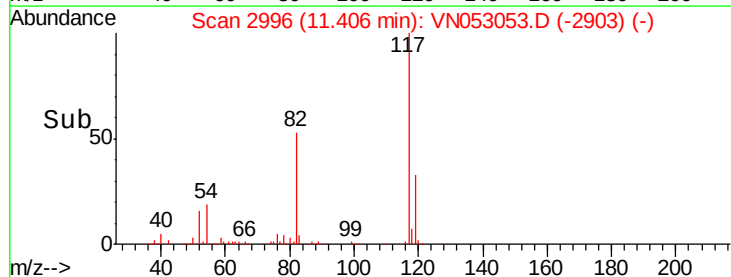
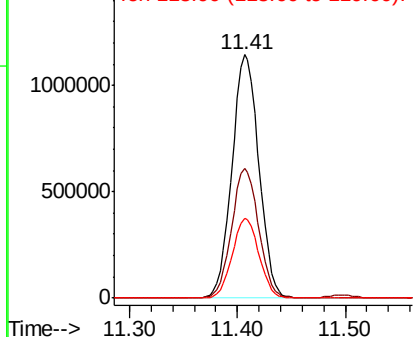


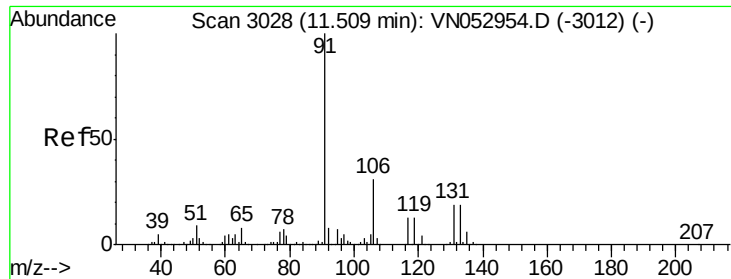
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

Tgt Ion: 117 Resp: 1984794
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.9 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) (-)

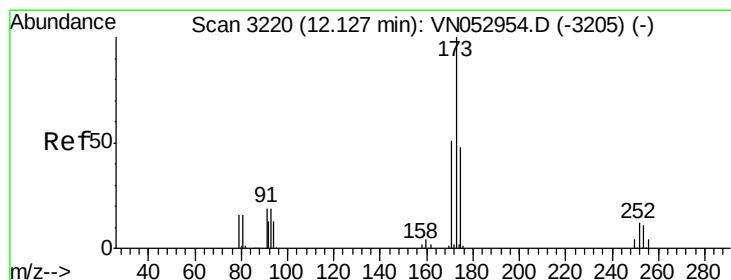
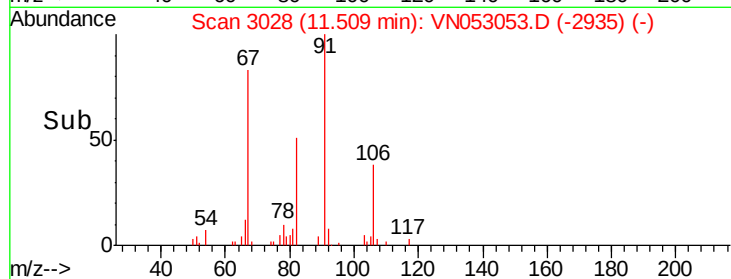
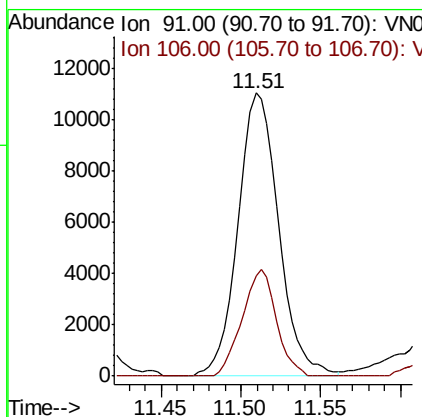
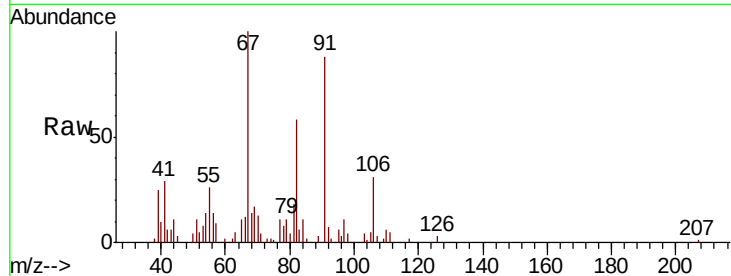




#67
Ethyl Benzene
Concen: 0.254 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

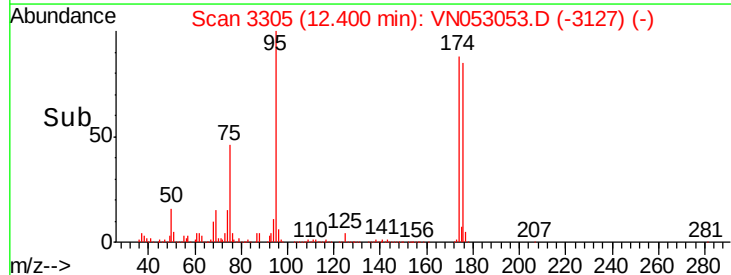
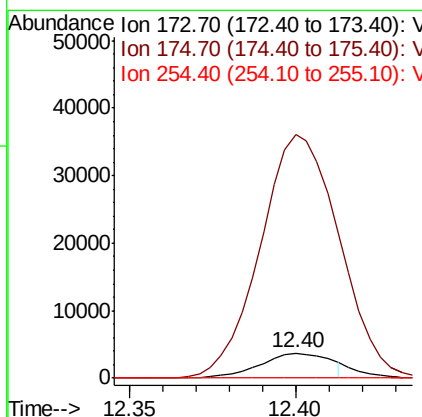
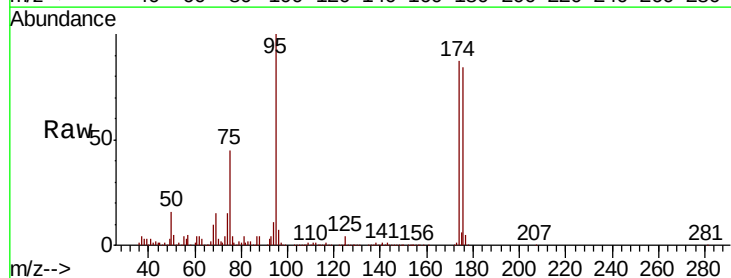
Instrument :
MSVOA_N
ClientSampleId :

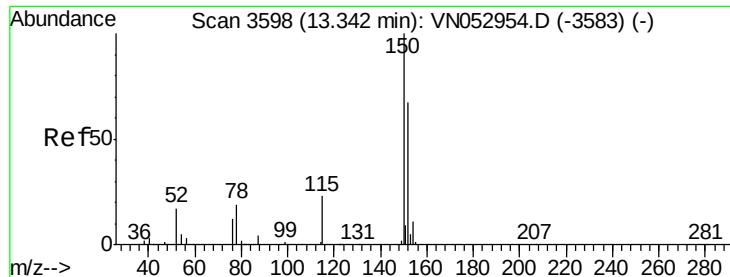
Tot Ion: 91 Resp: 19192
Ion Ratio Lower Upper
91 100
106 35.5 24.9 37.3



#71
Bromoform
Concen: 0.484 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053053.D
Acq: 20 Dec 2018 13:41

Tgt Ion: 173 Resp: 5355
Ion Ratio Lower Upper
173 100
175 983.8 24.3 72.9#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053053.D

Acq: 20 Dec 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

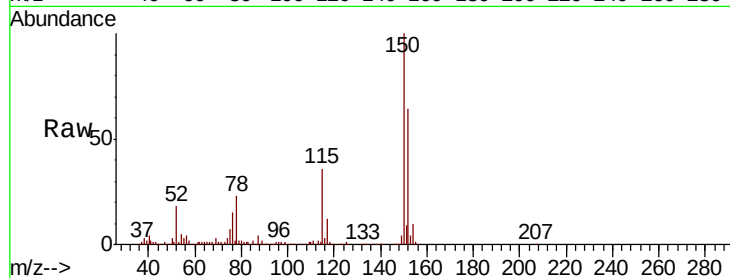
Tot Ion:152 Resp: 809337

Ion Ratio Lower Upper

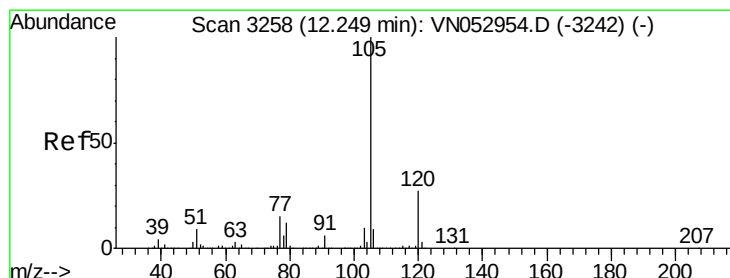
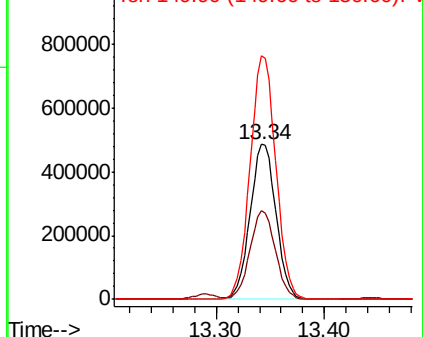
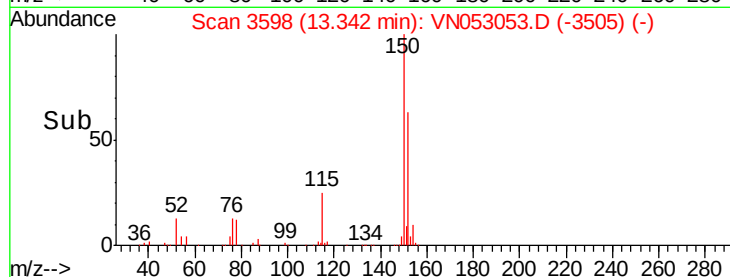
152 100

115 56.0 28.3 85.0

150 155.5 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



#73

Isopropylbenzene

Concen: 3.747 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053053.D

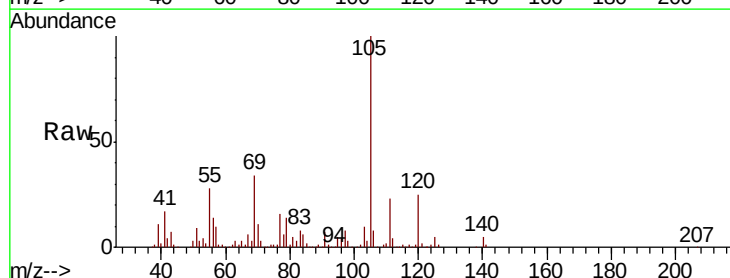
Acq: 20 Dec 2018 13:41

Tgt Ion:105 Resp: 237274

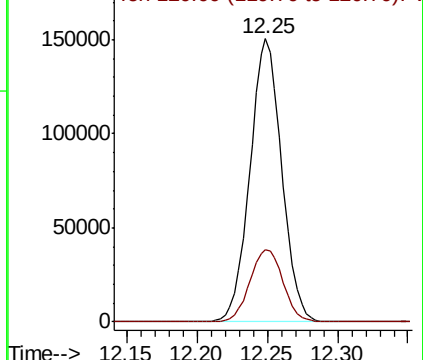
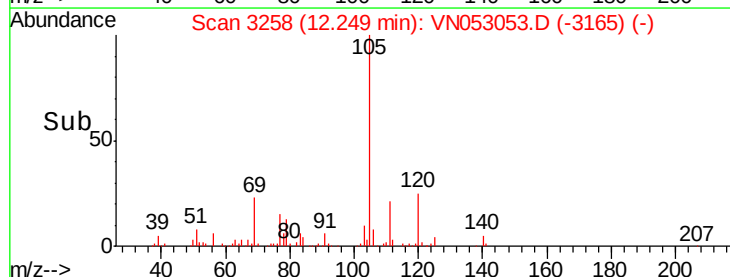
Ion Ratio Lower Upper

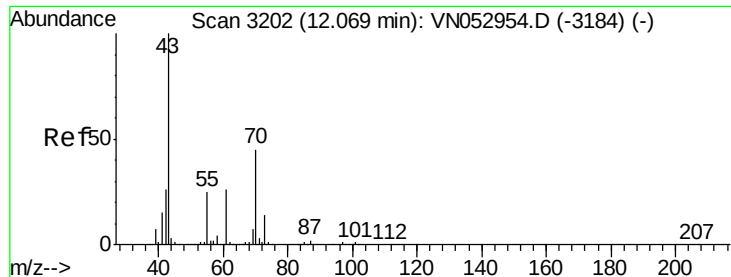
105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 10.771 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN053053.D

Acq: 20 Dec 2018 13:41

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 189358

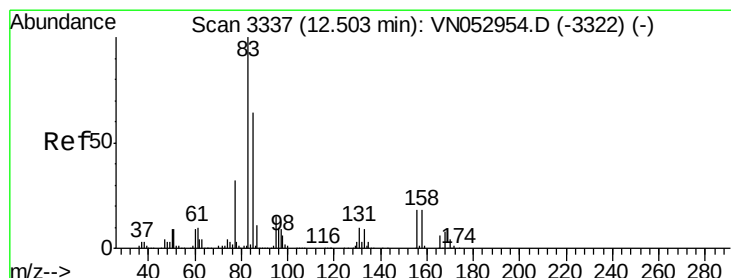
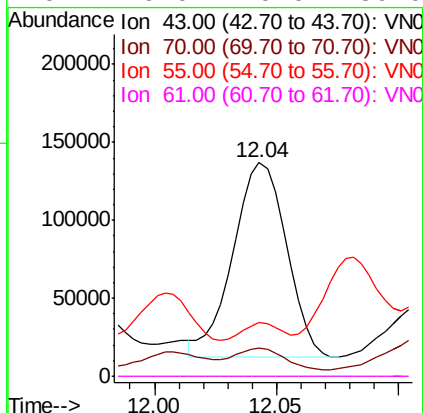
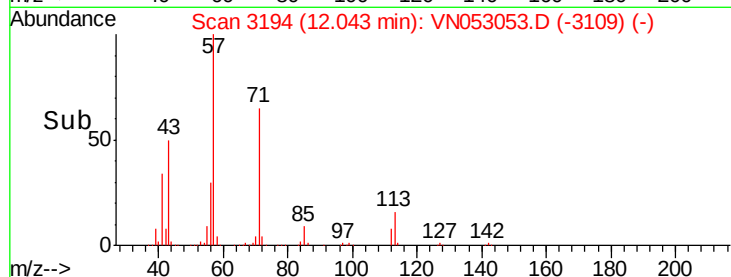
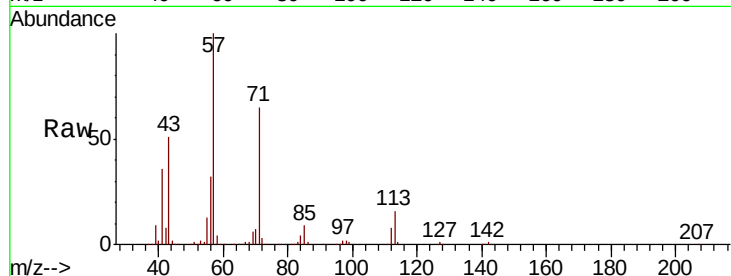
Ion Ratio Lower Upper

43 100

70 9.8 34.2 51.4#

55 0.0 20.3 30.5#

61 0.0 20.0 30.0#



#75

1,1,2,2-Tetrachloroethane

Concen: 2.042 ug/l

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN053053.D

Acq: 20 Dec 2018 13:41

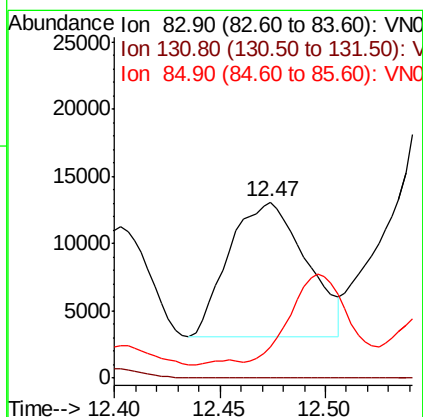
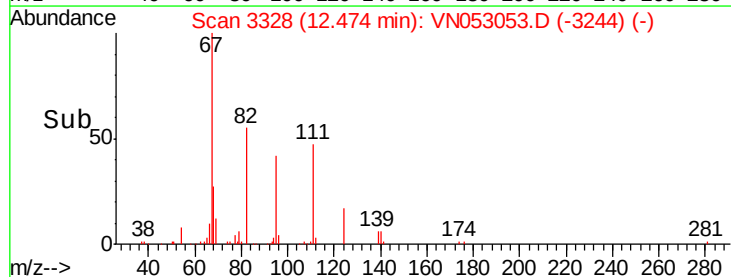
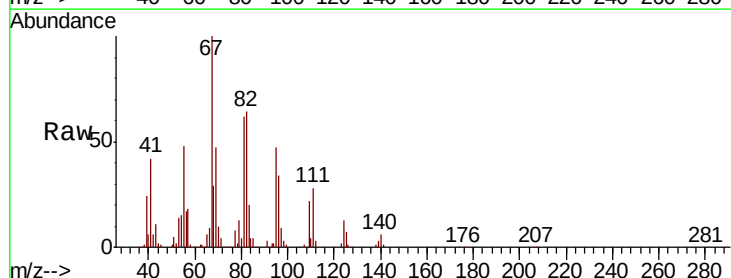
Tgt Ion: 83 Resp: 25365

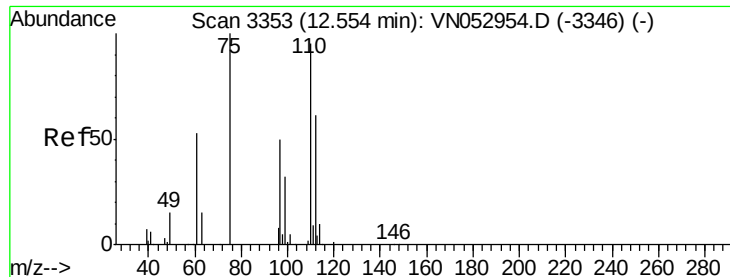
Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.4 97.0#





#76

1,2,3-Trichloropropane

Concen: 30.809 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053053.D

Acq: 20 Dec 2018 13:41

Instrument :

MSVOA_N

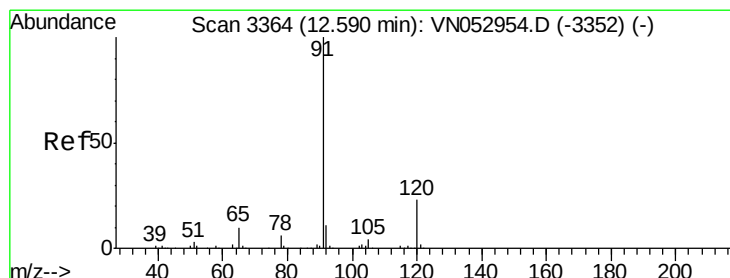
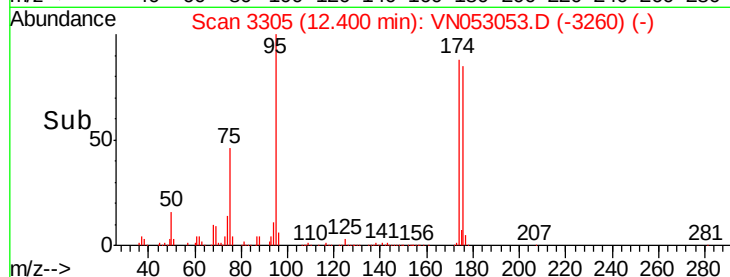
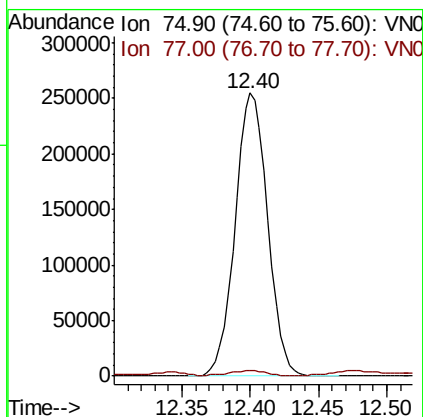
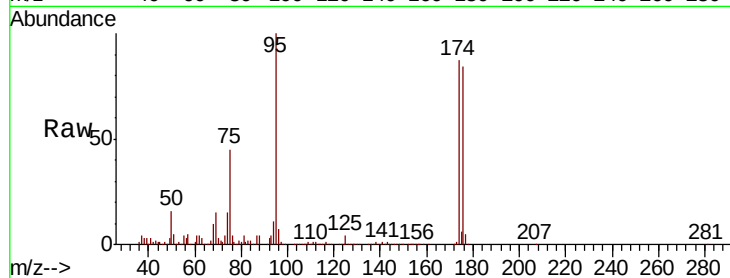
ClientSampled :

Tot Ion: 75 Resp: 419747

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#78

n-propylbenzene

Concen: 9.144 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053053.D

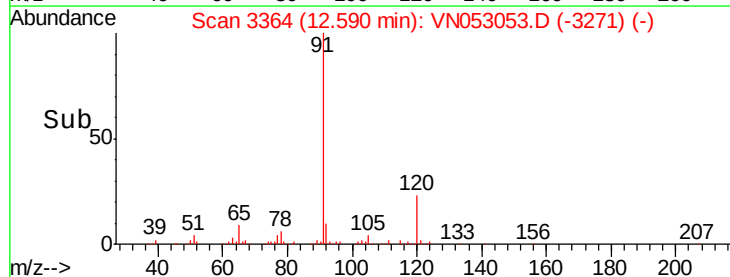
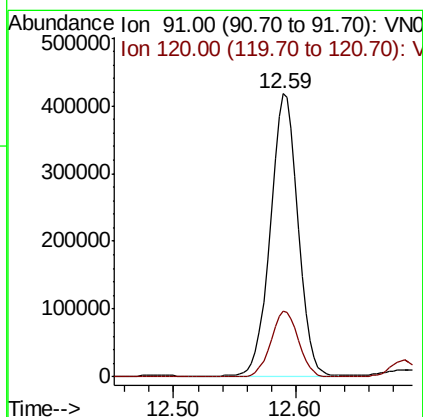
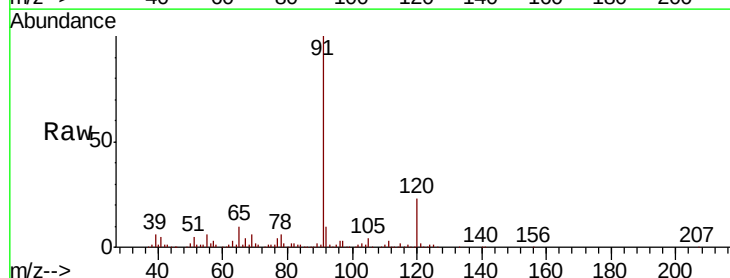
Acq: 20 Dec 2018 13:41

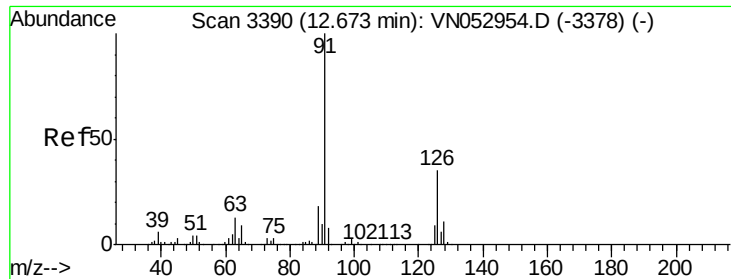
Tgt Ion: 91 Resp: 659477

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.5

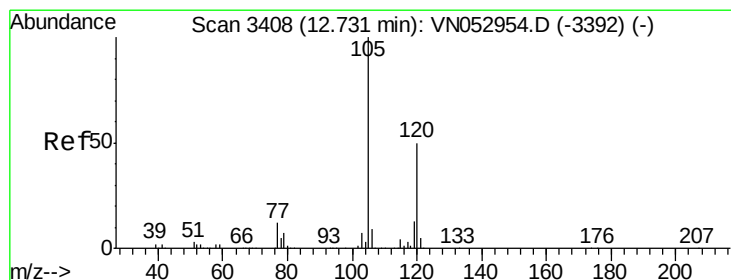
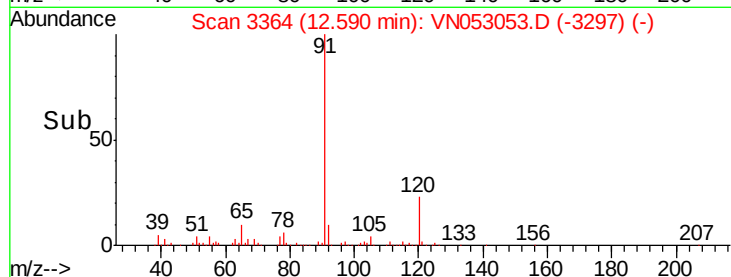
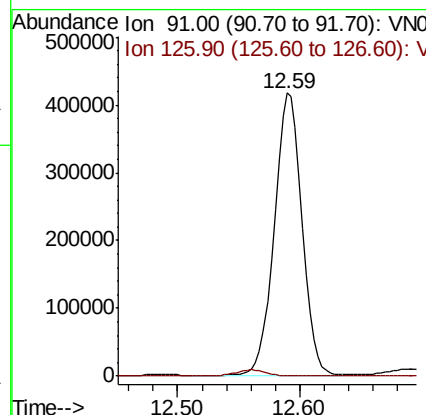
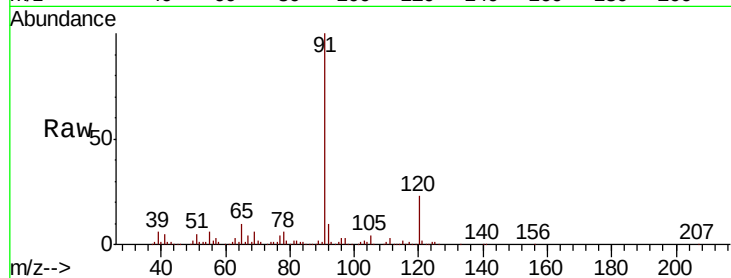




#79
 2-Chlorotoluene
 Concen: 14.752 ug/l
 RT: 12.59 min Scan# 3364
 Delta R.T. -0.08 min
 Lab File: VN053053.D
 Acq: 20 Dec 2018 13:41

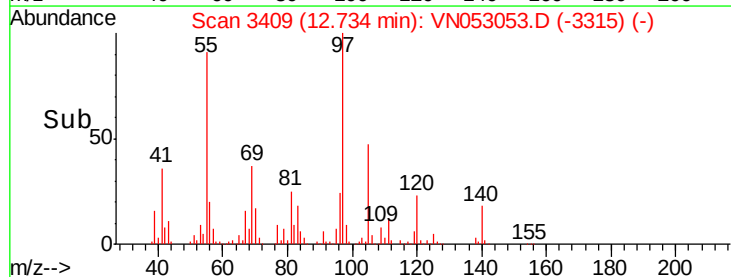
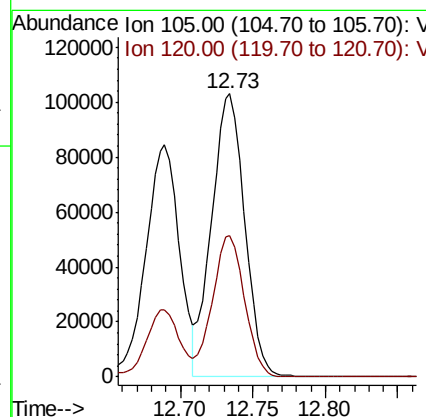
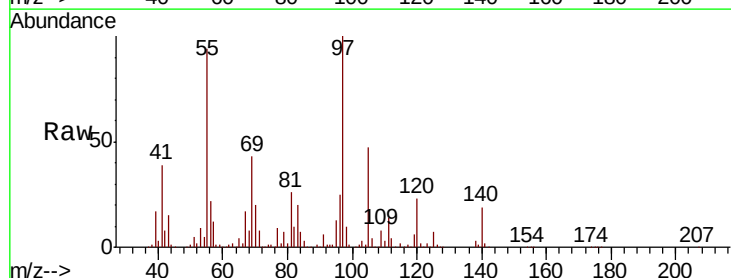
Instrument :
 MSVOA_N
 ClientSampleId :

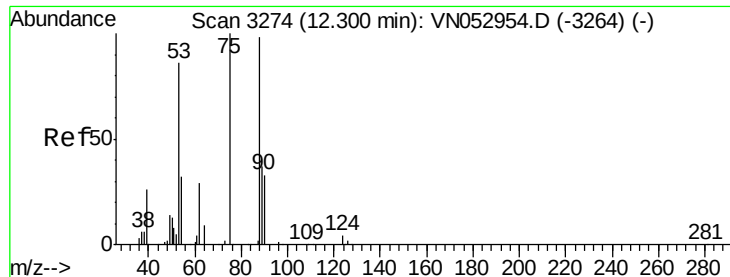
Tot Ion: 91 Resp: 659477
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.4 52.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 3.158 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053053.D
 Acq: 20 Dec 2018 13:41

Tgt Ion: 105 Resp: 163004
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 99.300 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053053.D

Acq: 20 Dec 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

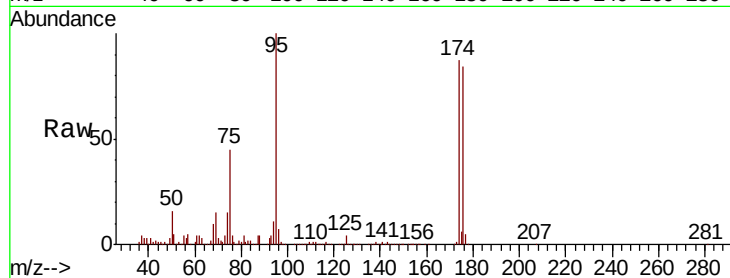
Tot Ion: 75 Resp: 419747

Ion Ratio Lower Upper

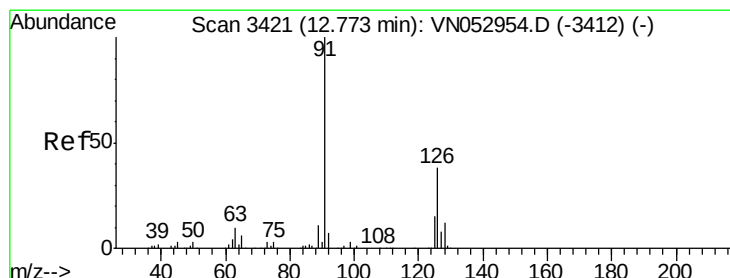
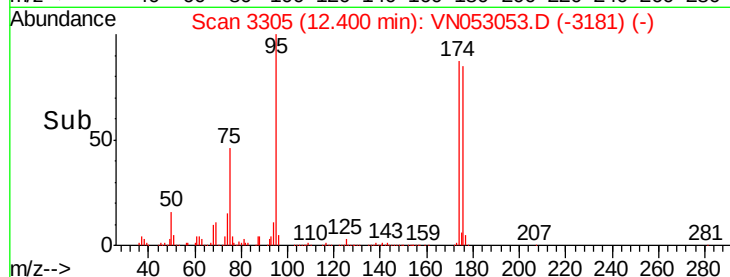
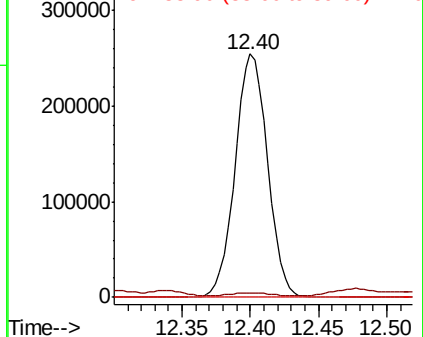
75 100

53 1.7 74.7 112.1#

89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 53.00 (52.70 to 53.70): VNO
Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 15.075 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.18 min

Lab File: VN053053.D

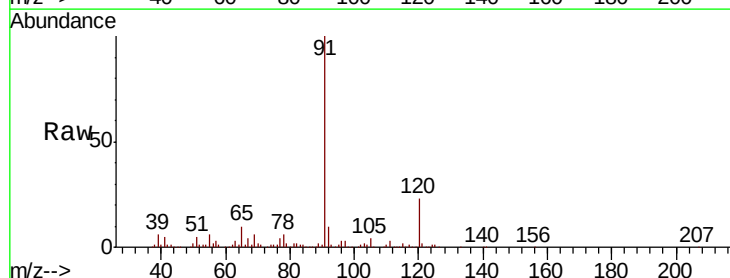
Acq: 20 Dec 2018 13:41

Tgt Ion: 91 Resp: 659688

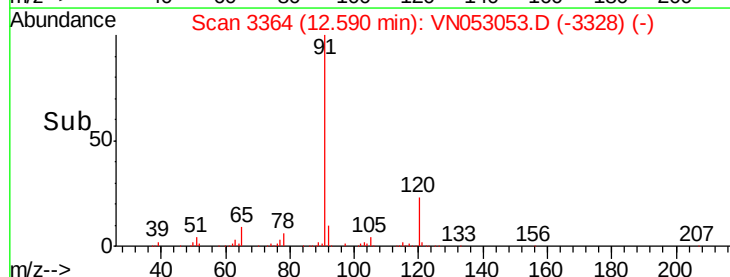
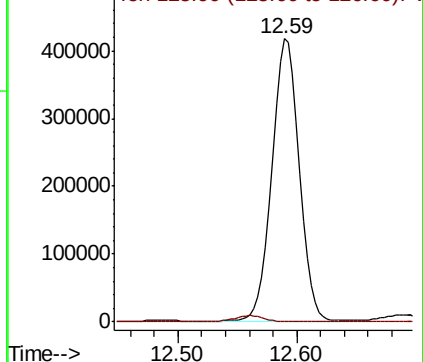
Ion Ratio Lower Upper

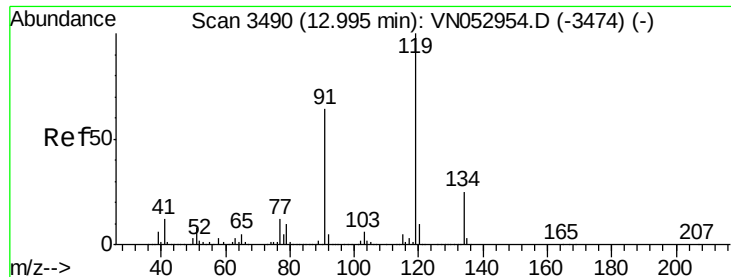
91 100

126 0.0 17.3 51.7#



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 125.90 (125.60 to 126.60): V

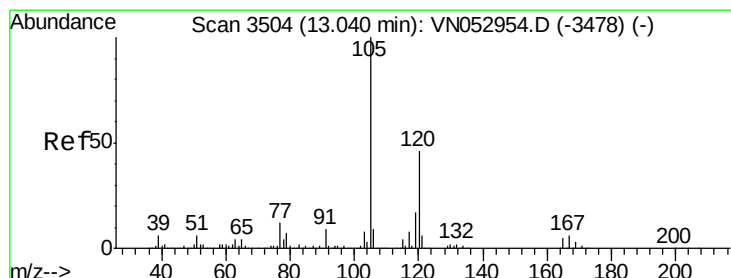
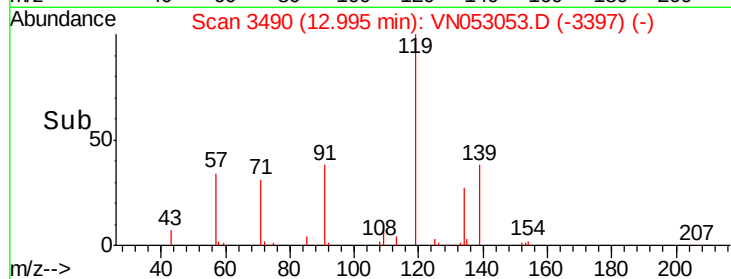
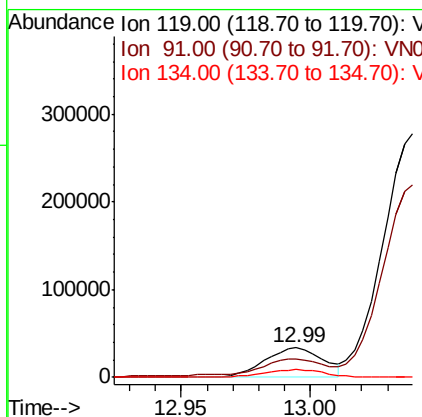
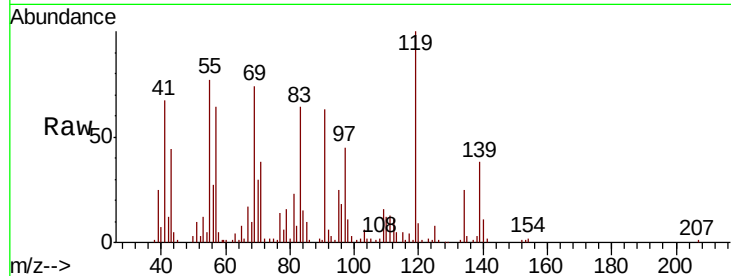




#83
 tert-Butylbenzene
 Concen: 1.176 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN053053.D
 Acq: 20 Dec 2018 13:41

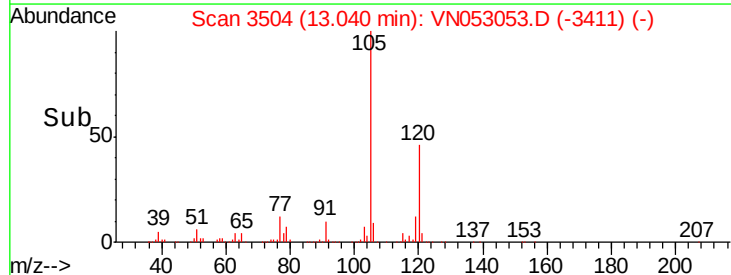
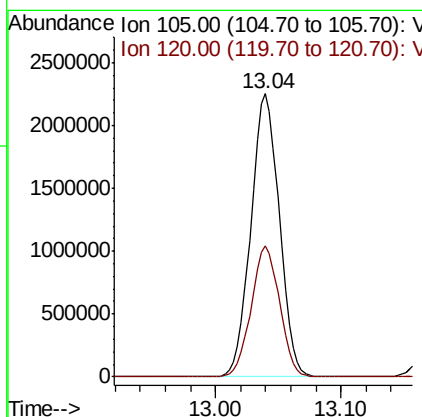
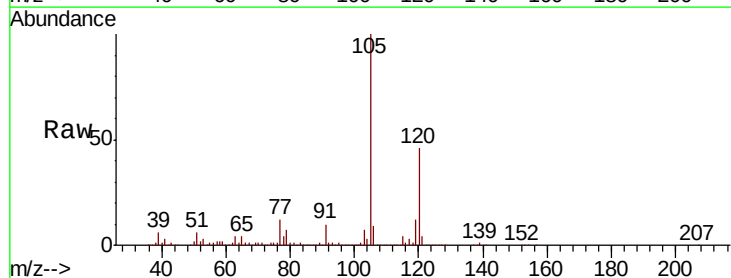
Instrument :
 MSVOA_N
 ClientSampleId :

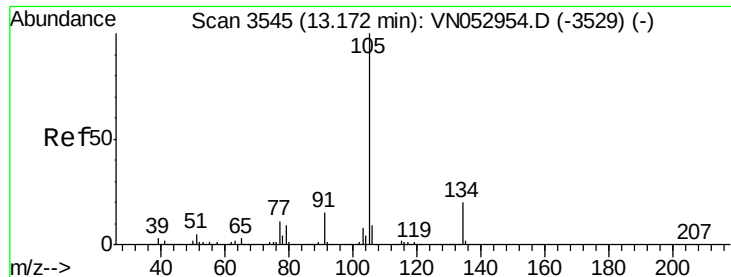
Tot Ion:119 Resp: 53675
 Ion Ratio Lower Upper
 119 100
 91 68.4 31.9 95.5
 134 25.9 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 68.481 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053053.D
 Acq: 20 Dec 2018 13:41

Tgt Ion:105 Resp: 3553269
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.8





#85

sec-Butylbenzene

Concen: 5.709 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN053053.D

Acq: 20 Dec 2018 13:41

Instrument :

MSVOA_N

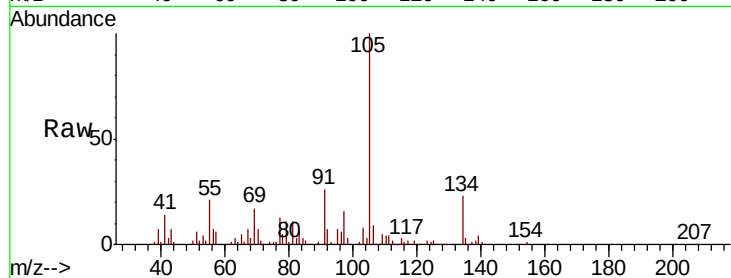
ClientSampled :

Tot Ion:105 Resp: 352470

Ion Ratio Lower Upper

105 100

134 35.0 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

250000

200000

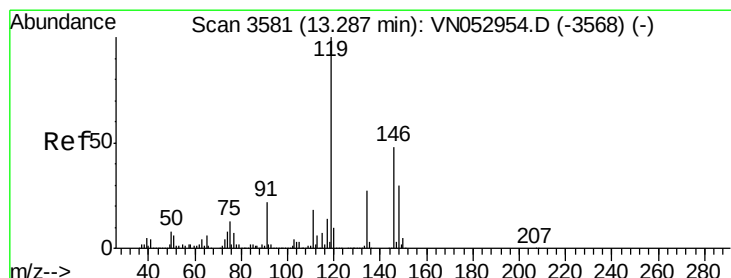
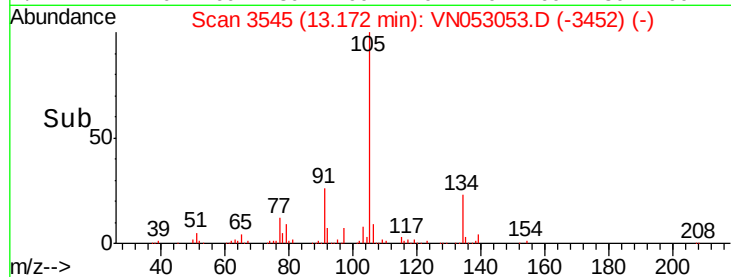
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 6.491 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053053.D

Acq: 20 Dec 2018 13:41

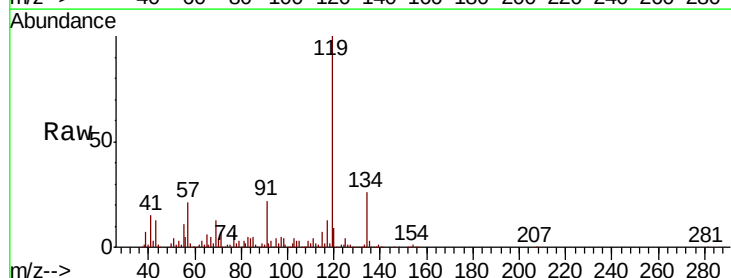
Tgt Ion:119 Resp: 346301

Ion Ratio Lower Upper

119 100

134 25.8 13.4 40.2

91 21.7 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

300000

250000

200000

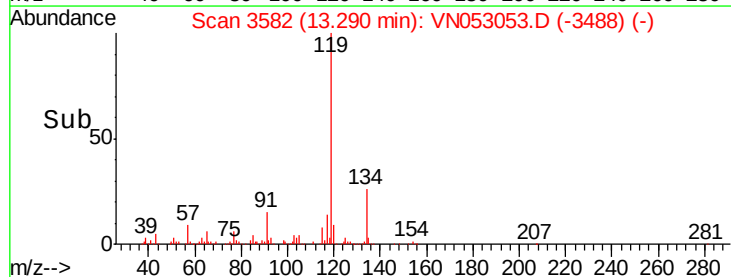
150000

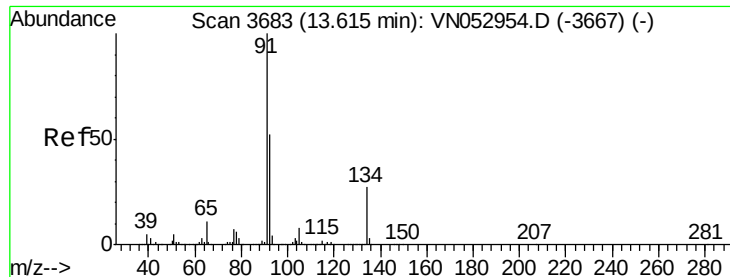
100000

50000

0

Time-->





#89

n-Butylbenzene

Concen: 5.078 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN053053.D

Acq: 20 Dec 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

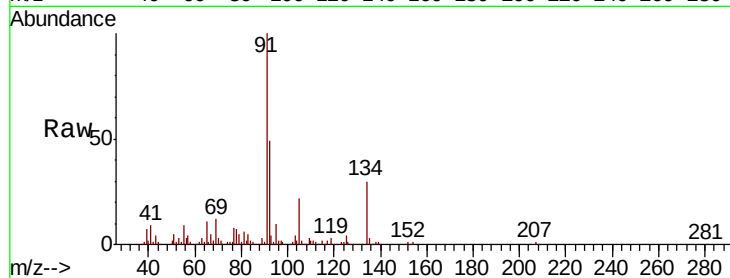
Tot Ion: 91 Resp: 233074

Ion Ratio Lower Upper

91 100

92 46.0 26.3 78.9

134 0.0 13.3 39.8#

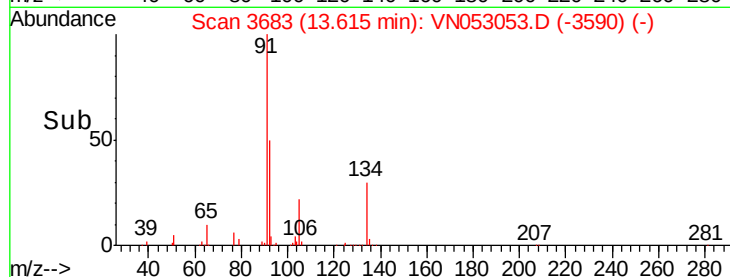


Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052954.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052954.D (-3667) (-)

Time-->

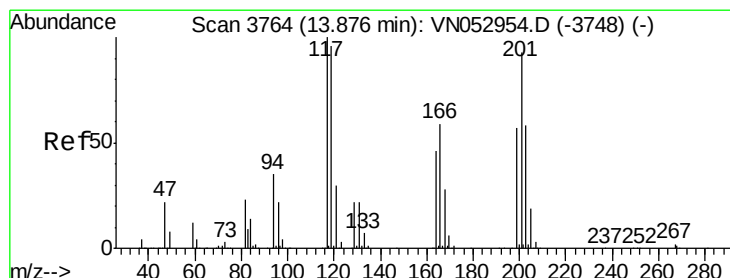


Abundance Ion 91.00 (90.70 to 91.70): VN053053.D (-3590) (-)

Ion 92.00 (91.70 to 92.70): VN053053.D (-3590) (-)

Ion 134.00 (133.70 to 134.70): VN053053.D (-3590) (-)

Time-->



#90

Hexachloroethane

Concen: 5.119 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053053.D

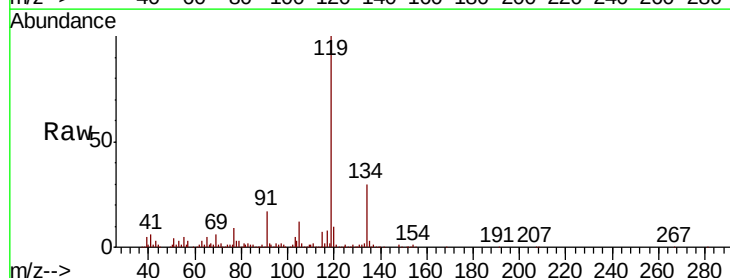
Acq: 20 Dec 2018 13:41

Tgt Ion: 117 Resp: 41909

Ion Ratio Lower Upper

117 100

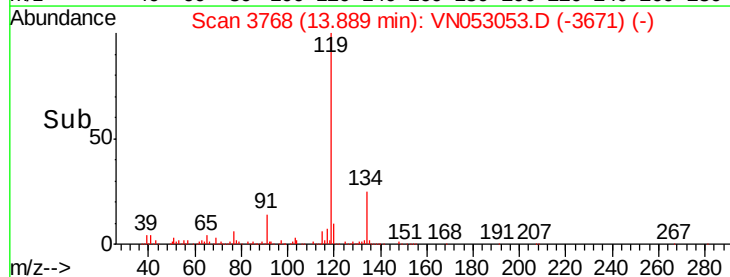
201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): VN052954.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN052954.D (-3748) (-)

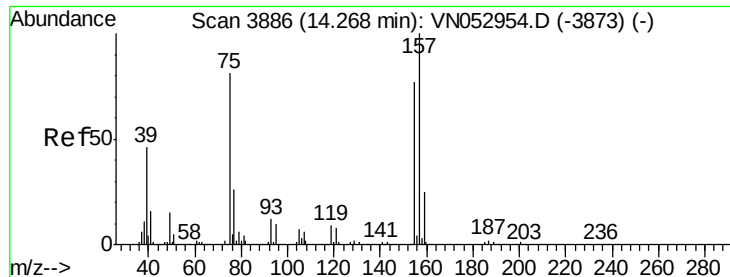
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN053053.D (-3671) (-)

Ion 200.70 (200.40 to 201.40): VN053053.D (-3671) (-)

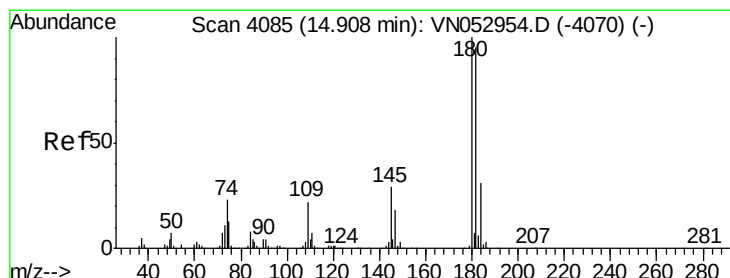
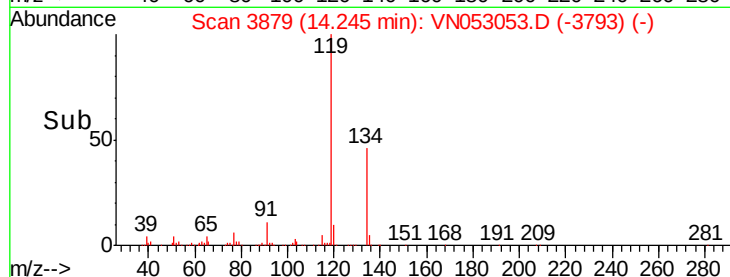
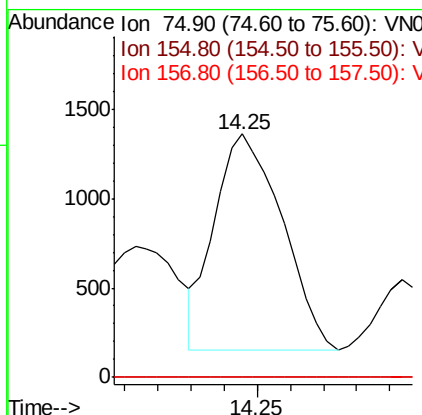
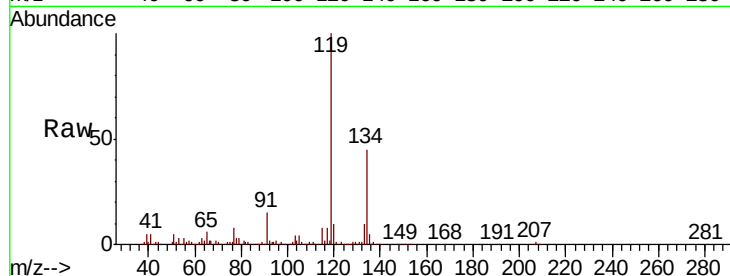
Time-->



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.798 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.02 min
 Lab File: VN053053.D
 Acq: 20 Dec 2018 13:41

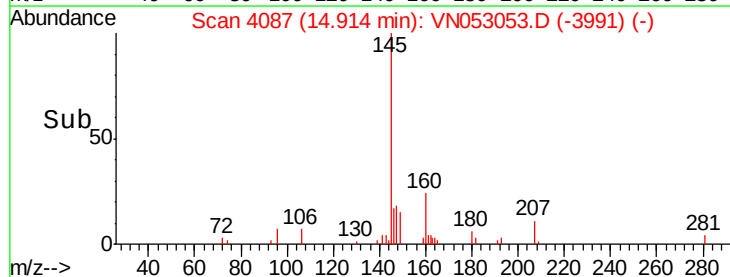
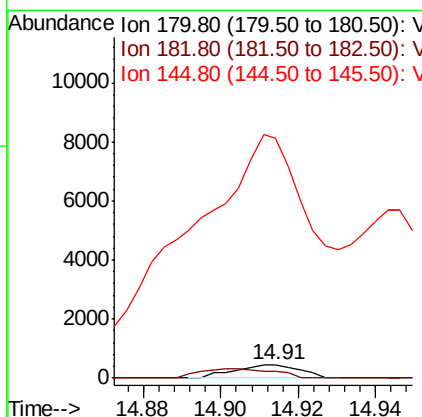
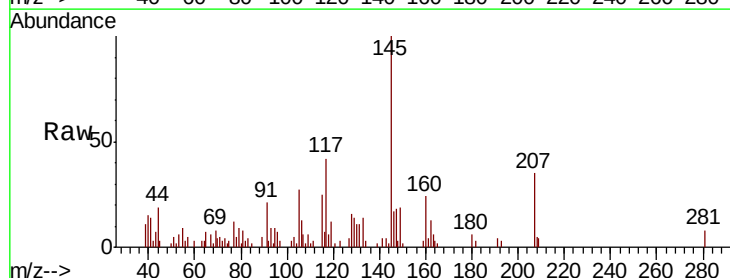
Instrument :
 MSVOA_N
 ClientSampleId :

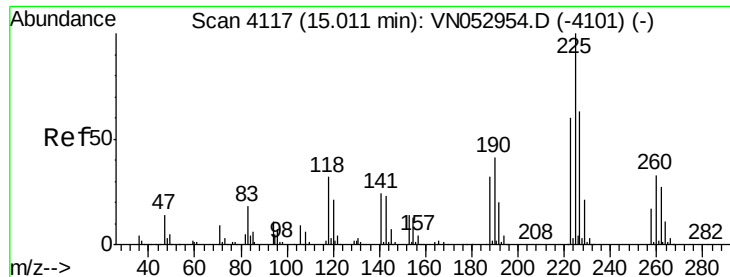
Tot Ion: 75 Resp: 1715
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.2 144.6#
 157 0.0 61.2 183.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.632 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN053053.D
 Acq: 20 Dec 2018 13:41

Tgt Ion: 180 Resp: 527
 Ion Ratio Lower Upper
 180 100
 182 82.2 47.8 143.3
 145 3067.9 14.2 42.6#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN053053.D

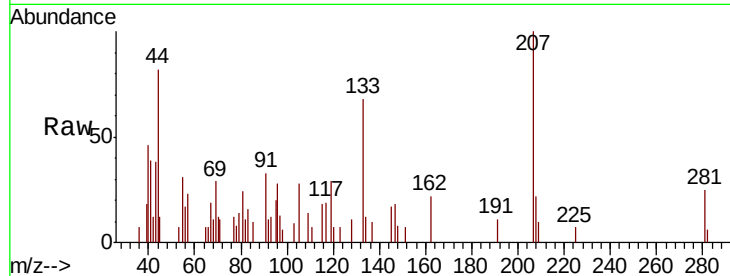
Acq: 20 Dec 2018 13:41

Instrument :

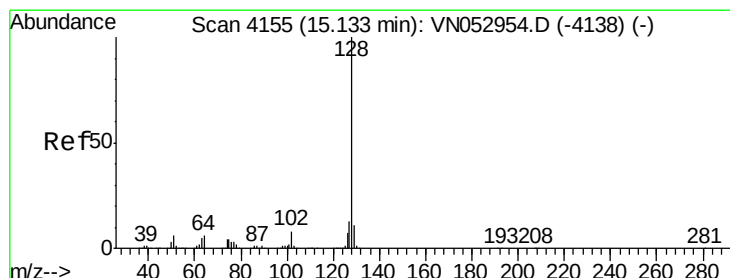
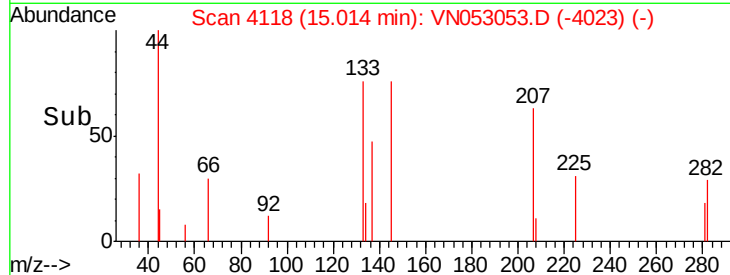
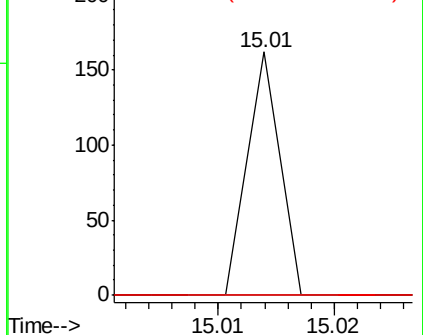
MSVOA_N

ClientSampleId :

Tot Ion:	225	Resp:	31
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



#95

Naphthalene

Concen: 2.124 ug/l

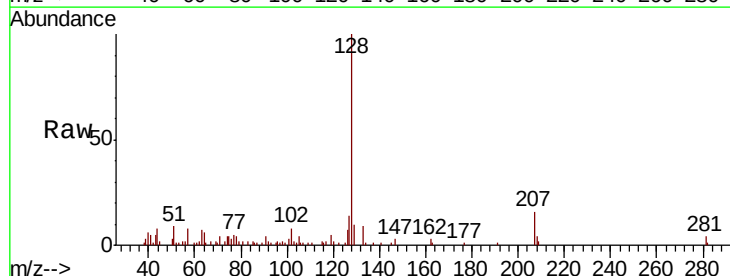
RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

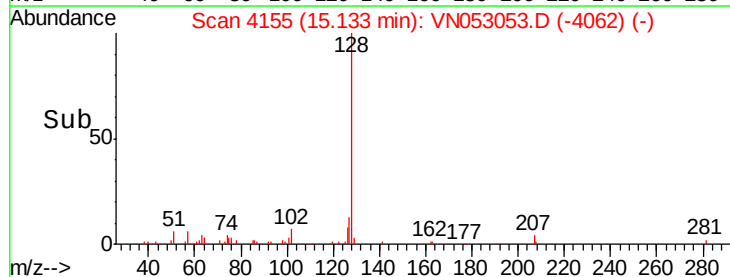
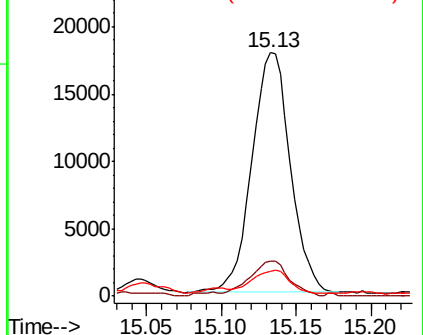
Lab File: VN053053.D

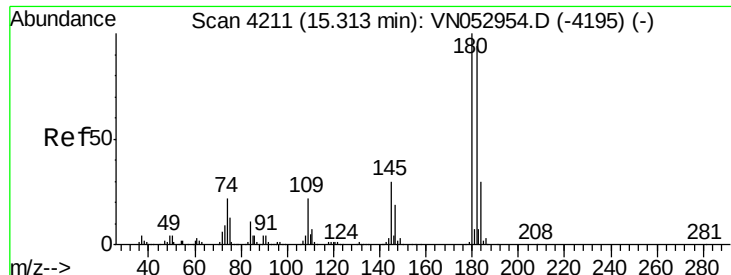
Acq: 20 Dec 2018 13:41

Tgt Ion:	128	Resp:	31836
Ion	Ratio	Lower	Upper
128	100		
127	16.0	10.2	15.4#
129	9.5	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

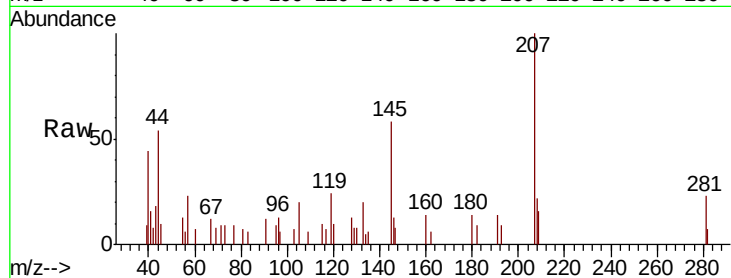




#96
 1,2,3-Trichlorobenzene
 Concen: 0.542 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053053.D
 Acq: 20 Dec 2018 13:41

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	74.0	47.9	143.7
145	546.1	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

