

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053038.D
 Acq On : 20 Dec 2018 4:10
 Operator : MD\SY
 Sample : J6411-06
 Misc : 5.07µ/5.0mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 45 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 05:31:30 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	1409850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2110871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1888984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	757848	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	657355	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
35) Dibromofluoromethane	7.59	113	534204	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
50) Toluene-d8	10.09	98	2626004	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.40	95	1065731	58.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.30%	
Target Compounds						
					Qvalue	
16) Acetone	3.83	43	2410	0.859	ug/l	94
18) Methyl Acetate	4.34	43	4447	1.334	ug/l #	74
31) Cyclohexane	7.66	56	23040	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	89793	4.432	ug/l #	49
38) Carbon Tetrachloride	7.67	117	120186	6.472	ug/l #	15
39) Methylcyclohexane	9.05	83	5345	0.217	ug/l #	8
43) Isopropyl Acetate	8.29	43	86016	2.947	ug/l #	53
51) 4-Methyl-2-Pentanone	10.09	43	13852	1.265	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	169862	13.035	ug/l #	20
56) Ethyl methacrylate	10.43	69	83024	4.813	ug/l #	8
59) 2-Hexanone	10.72	43	1233071	166.387	ug/l #	27
68) m/p-Xylenes	11.63	106	12095	0.442	ug/l #	38
71) Bromoform	12.40	173	5040	0.479	ug/l #	1
73) Isopropylbenzene	12.25	105	2520105	42.501	ug/l	100
74) N-amyl acetate	12.05	43	3699367	224.716	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.47	83	305488	26.261	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	367595	28.814	ug/l #	100
78) n-propylbenzene	12.59	91	683348	10.119	ug/l	97
79) 2-Chlorotoluene	12.69	91	133534	3.190	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.69	105	697854	14.439	ug/l	71
81) trans-1,4-Dichloro-2-buten	12.25	75	25331	6.400	ug/l #	3
82) 4-Chlorotoluene	13.04	91	236423	5.770	ug/l	71
83) tert-Butylbenzene	12.99	119	456137	10.671	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	3226439	66.407	ug/l	99
85) sec-Butylbenzene	13.17	105	3565164	61.665	ug/l #	75
86) p-Isopropyltoluene	13.29	119	427420	8.556	ug/l	96
89) n-Butylbenzene	13.62	91	1306853	30.407	ug/l #	76
90) Hexachloroethane	13.89	117	435427	56.797	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21455	10.667	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1367	0.695	ug/l #	1
95) Naphthalene	15.13	128	11380	1.520	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.32	180	601	0.556	ug/l #	33

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Quant Time: Dec 20 05:31:30 2018
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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

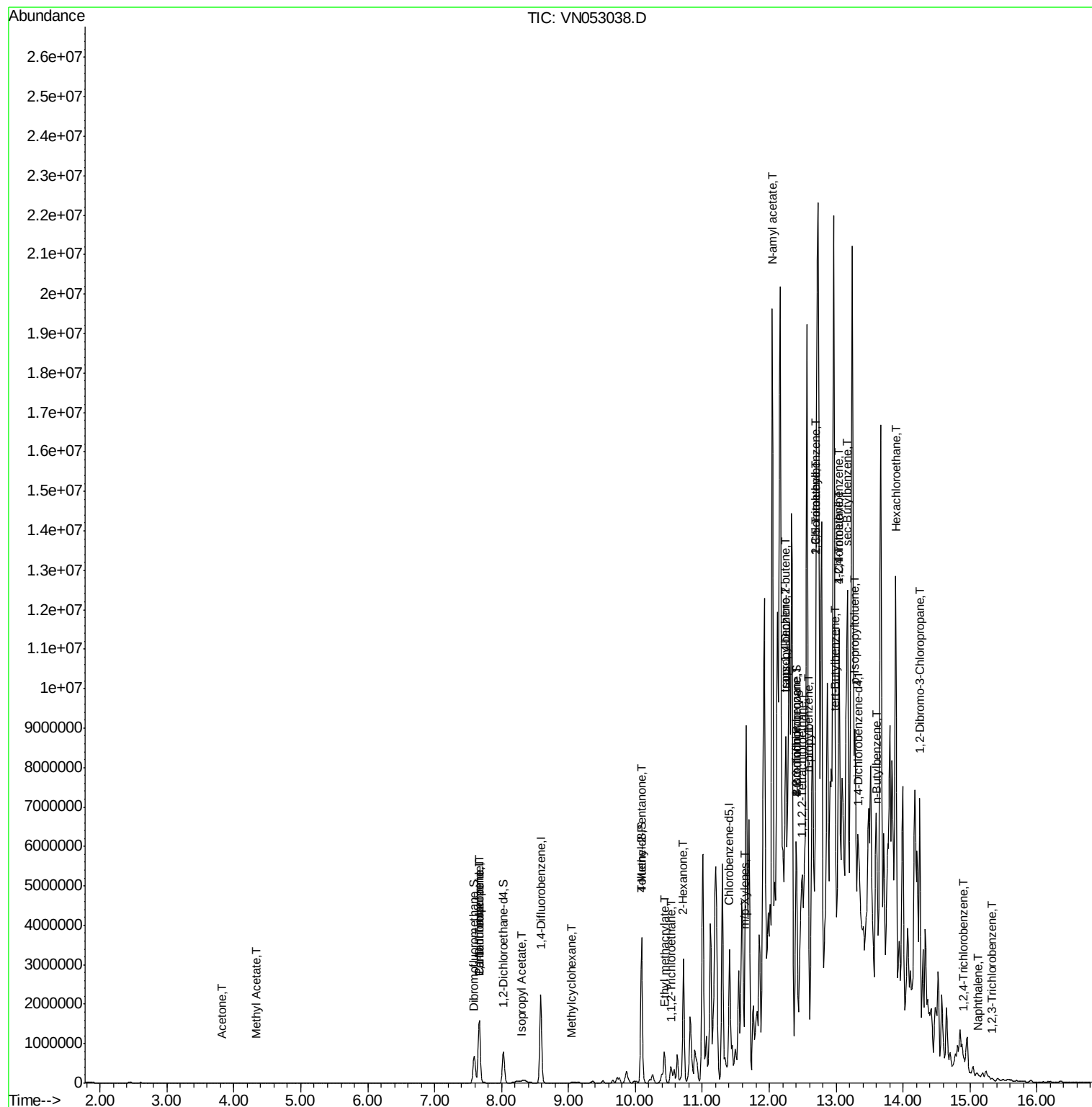
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

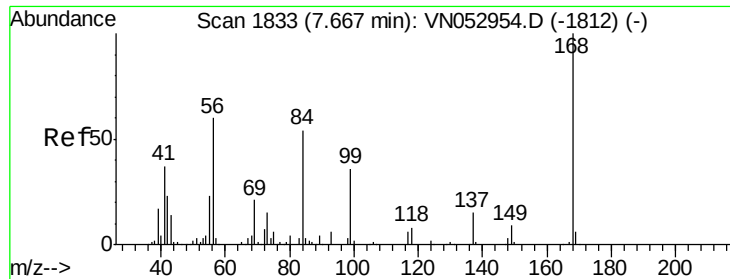
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121918\
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ClientSampled :

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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: VN053038.D

Acq: 20 Dec 2018 4:10

Instrument :

MSVOA_N

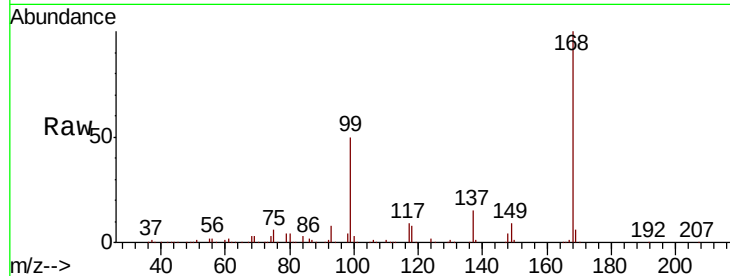
ClientSampled :

Tot Ion:168 Resp: 1409850

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053038.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053038.D (-1740) (-)

7.67

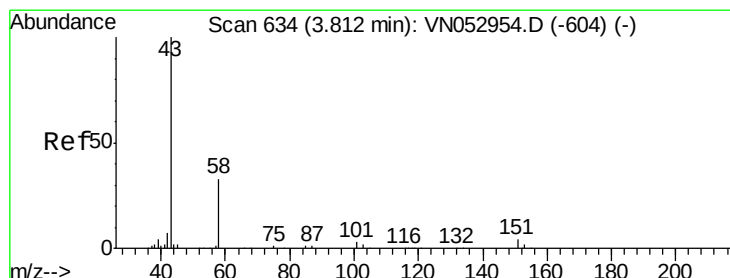
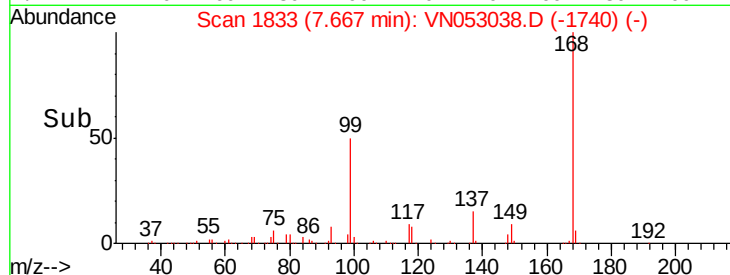
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 0.859 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.02 min

Lab File: VN053038.D

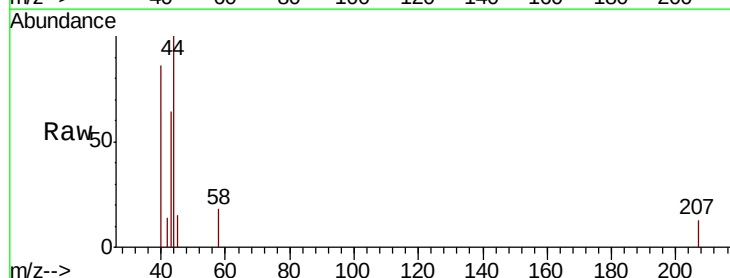
Acq: 20 Dec 2018 4:10

Tgt Ion: 43 Resp: 2410

Ion Ratio Lower Upper

43 100

58 28.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053038.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053038.D (-541) (-)

3.83

800

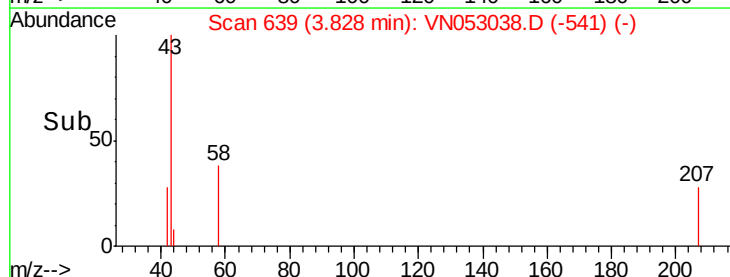
600

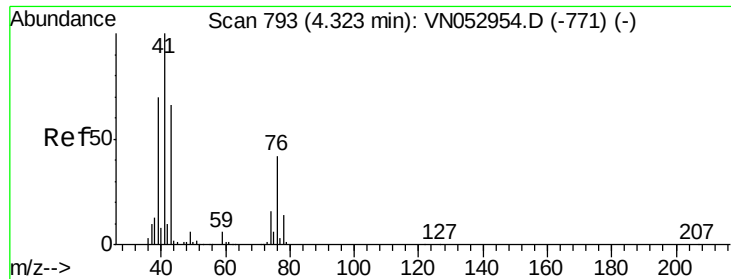
400

200

0

Time-->

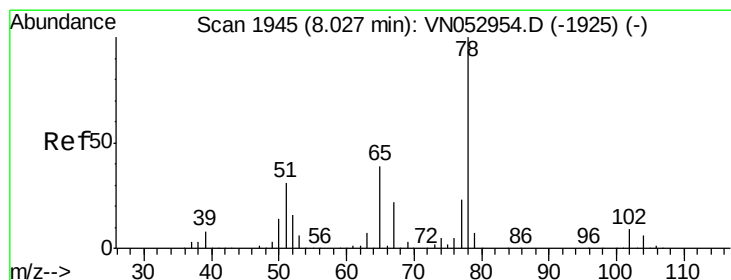
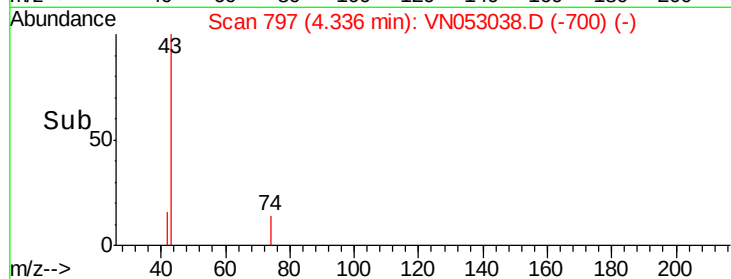
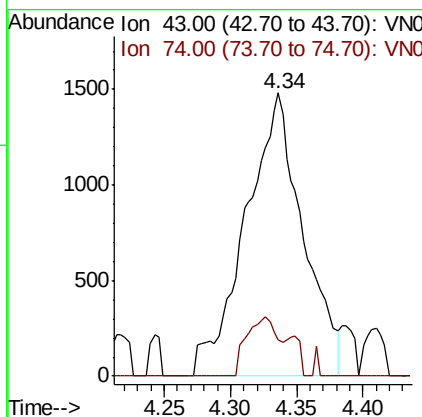
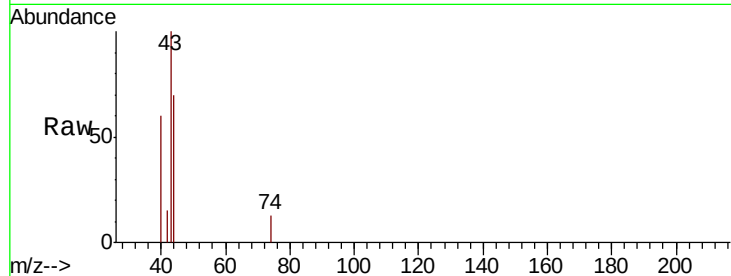




#18
Methyl Acetate
Concen: 1.334 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053038.D
Acq: 20 Dec 2018 4:10

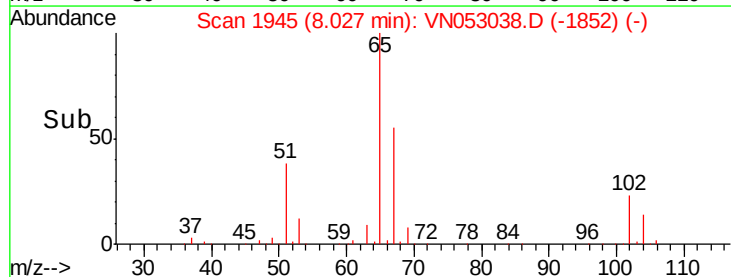
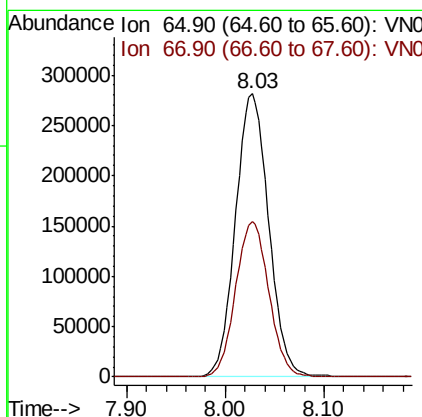
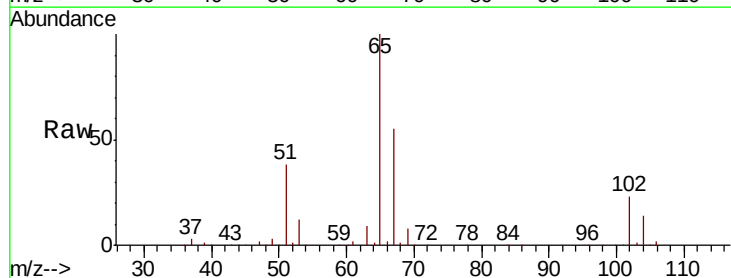
Instrument :
MSVOA_N
ClientSampleId :

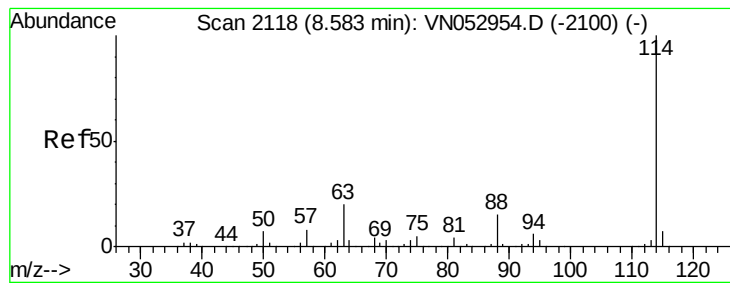
Tot Ion: 43 Resp: 4447
Ion Ratio Lower Upper
43 100
74 11.2 19.2 28.8#



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053038.D
Acq: 20 Dec 2018 4:10

Tgt Ion: 65 Resp: 657355
Ion Ratio Lower Upper
65 100
67 54.9 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: VN053038.D

Acq: 20 Dec 2018 4:10

Instrument :

MSVOA_N

ClientSampleId :

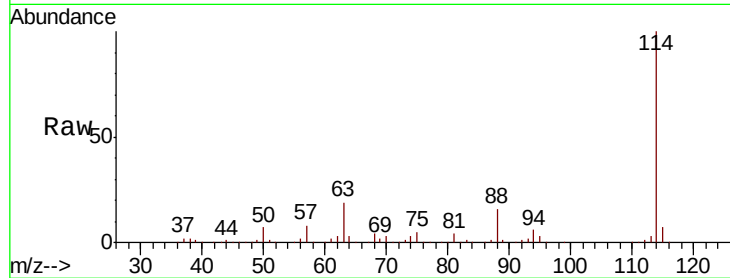
Tot Ion:114 Resp: 2110871

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.8

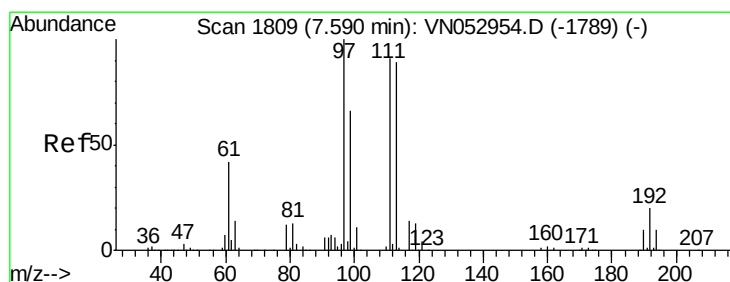
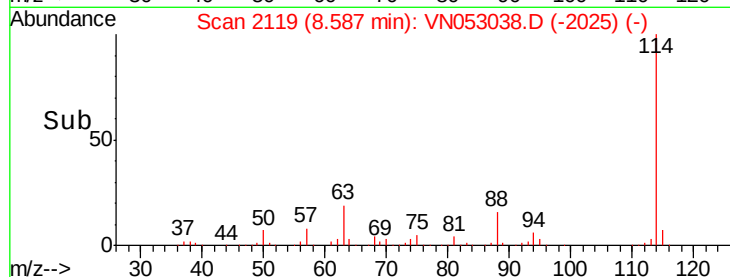
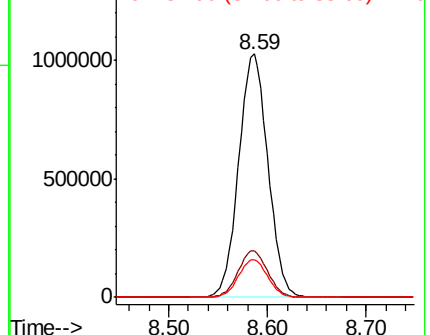
88 15.6 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053038.D

Acq: 20 Dec 2018 4:10

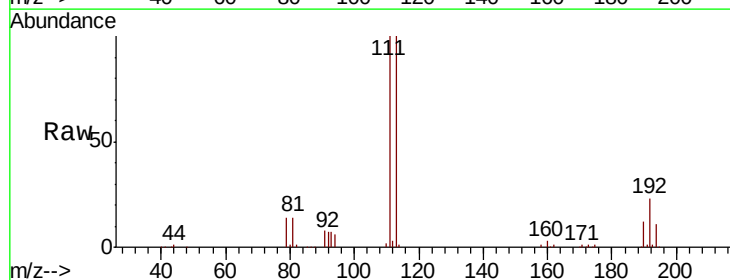
Tgt Ion:113 Resp: 534204

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

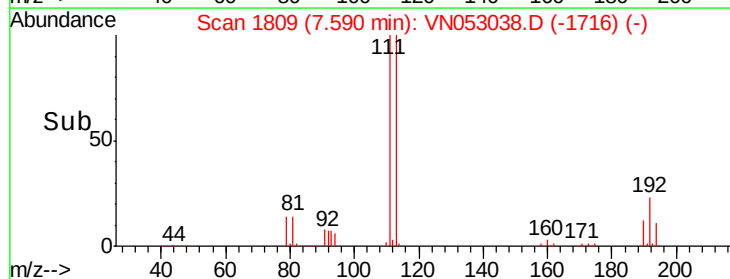
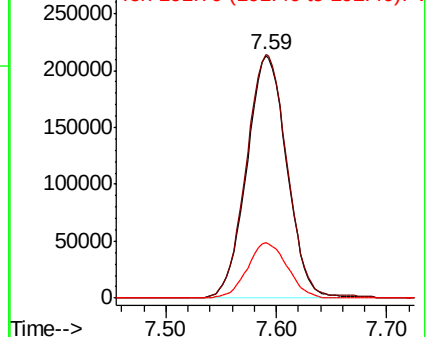
192 22.9 17.5 26.3

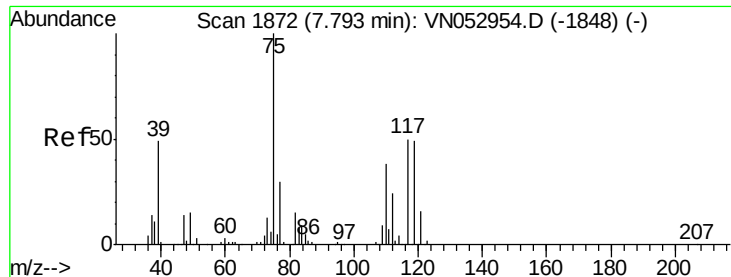


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

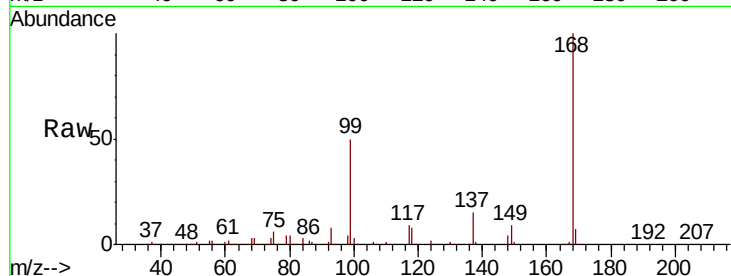




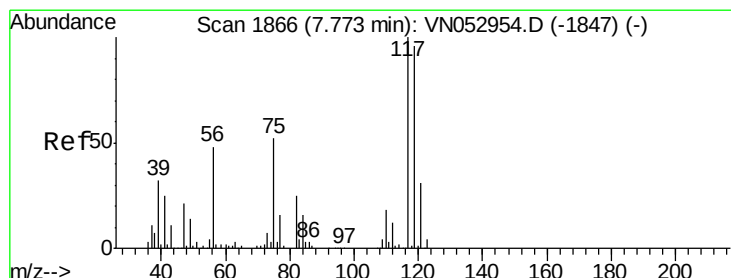
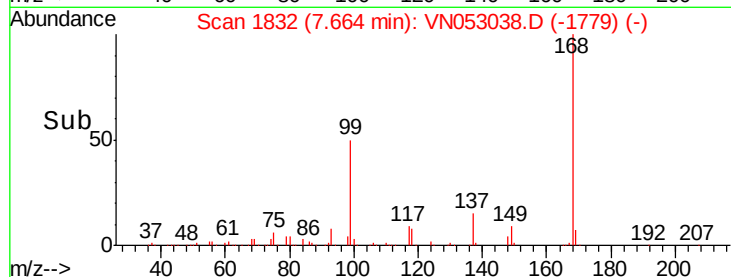
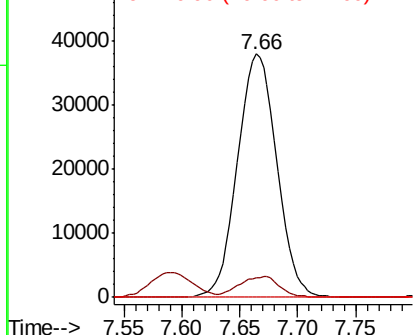
#36
 1,1-Dichloropropene
 Concen: 4.432 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053038.D
 Acq: 20 Dec 2018 4:10

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	75	Resp	89793
Ion Ratio	Lower	Upper	
75	100		
110	8.7	18.2	54.6#
77	0.0	24.9	37.3#

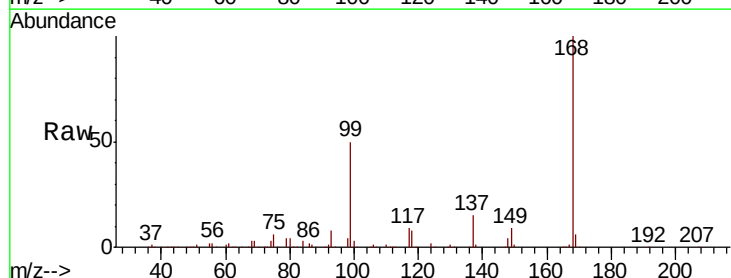


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

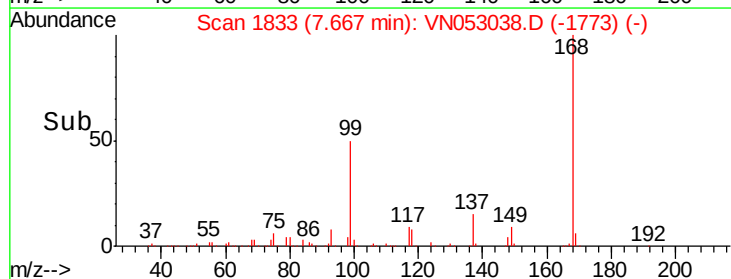
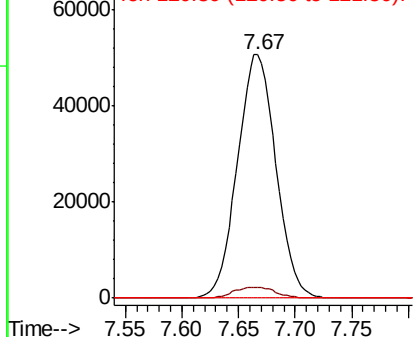


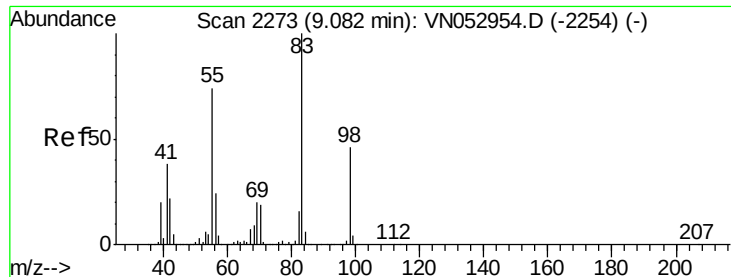
#38
 Carbon Tetrachloride
 Concen: 6.472 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053038.D
 Acq: 20 Dec 2018 4:10

Tgt Ion	117	Resp	120186
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	4.2	77.1	115.7#
121	0.0	24.9	37.3#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

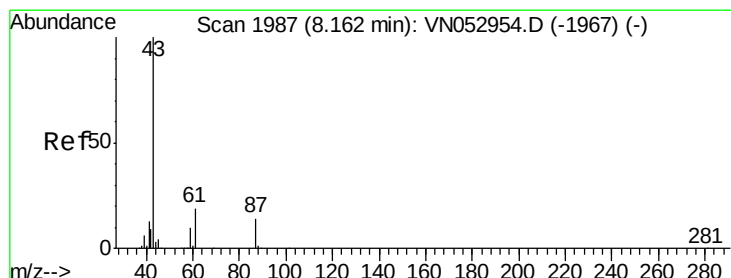
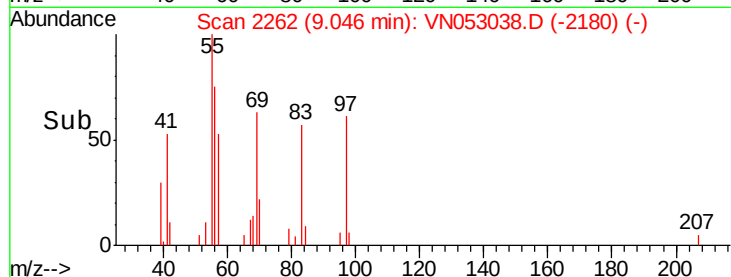
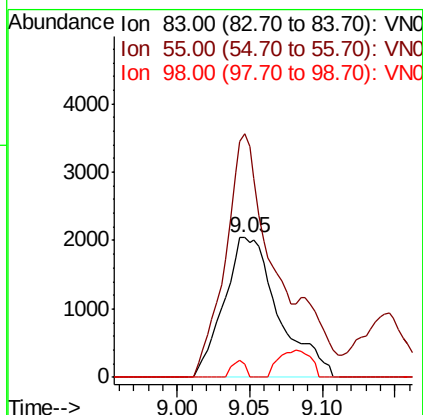
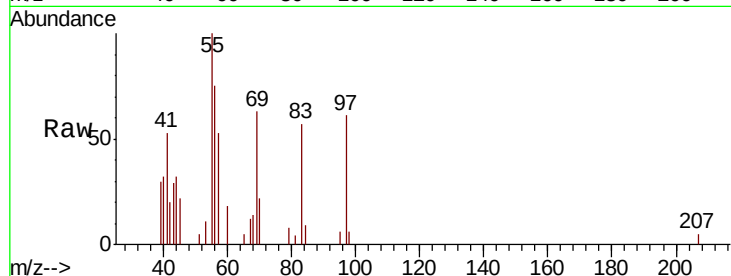




#39
Methylcyclohexane
Concen: 0.217 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.04 min
Lab File: VN053038.D
Acq: 20 Dec 2018 4:10

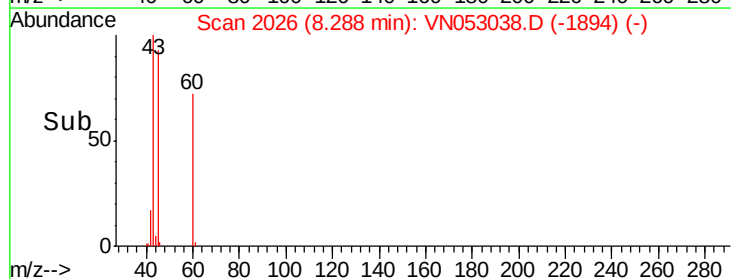
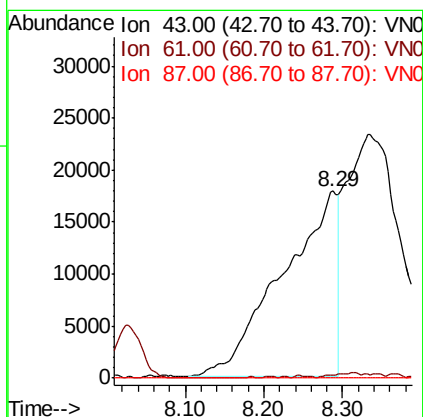
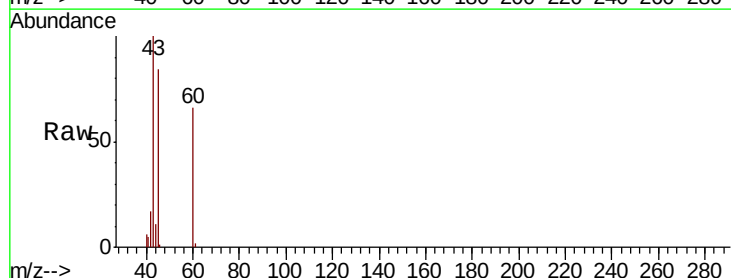
Instrument :
MSVOA_N
ClientSampled :

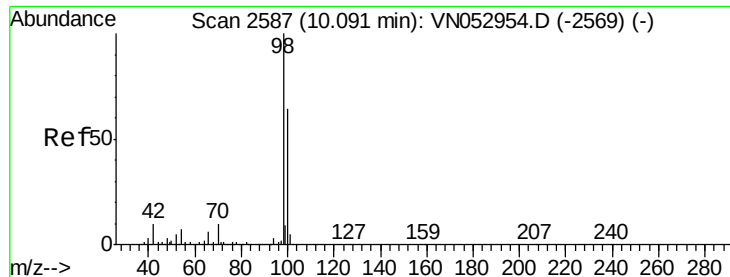
Tot Ion: 83 Resp: 5345
Ion Ratio Lower Upper
83 100
55 174.4 61.3 91.9#
98 9.6 37.0 55.4#



#43
Isopropyl Acetate
Concen: 2.947 ug/l
RT: 8.29 min Scan# 2026
Delta R.T. 0.13 min
Lab File: VN053038.D
Acq: 20 Dec 2018 4:10

Tgt Ion: 43 Resp: 86016
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: VN053038.D

Acq: 20 Dec 2018 4:10

Instrument :

MSVOA_N

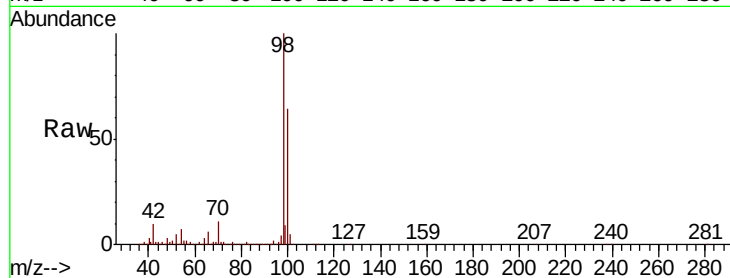
ClientSampleId :

Tot Ion: 98 Resp: 2626004

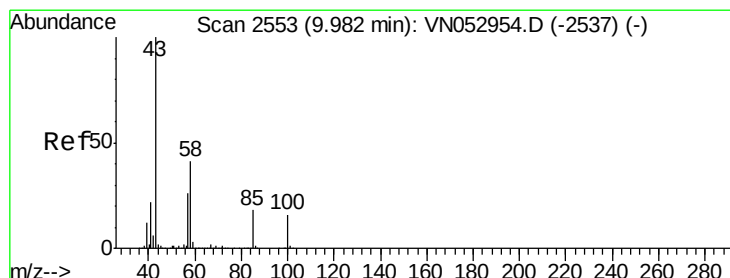
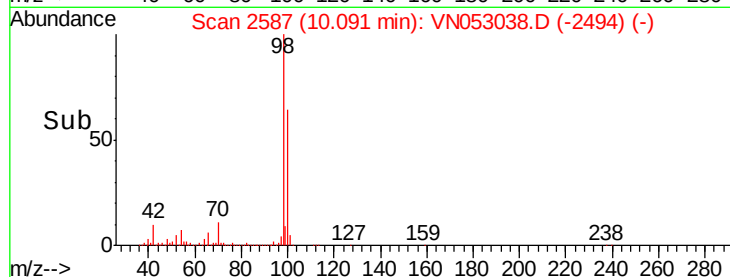
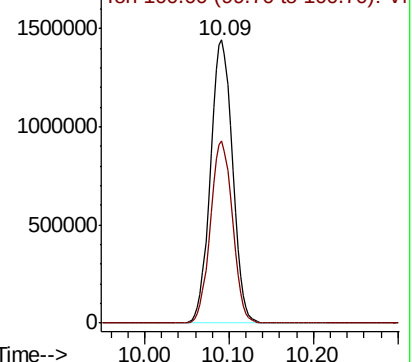
Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



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



#51

4-Methyl-2-Pentanone

Concen: 1.265 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.11 min

Lab File: VN053038.D

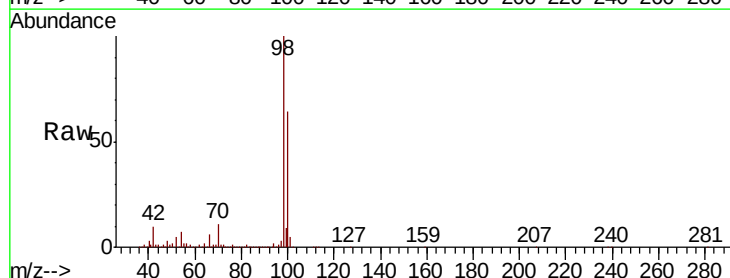
Acq: 20 Dec 2018 4:10

Tgt Ion: 43 Resp: 13852

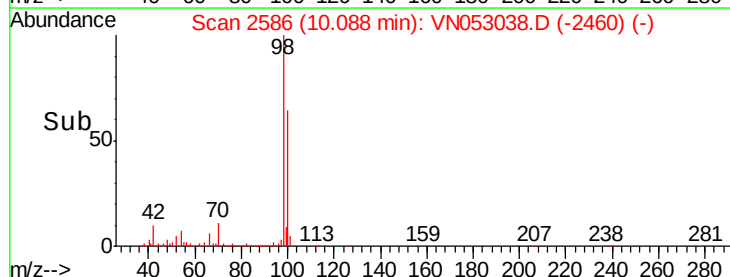
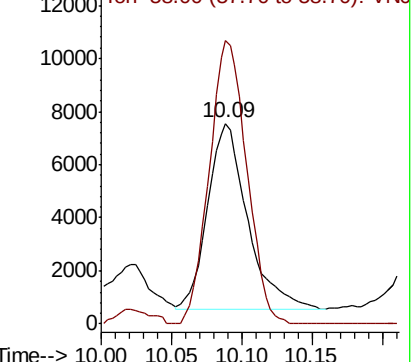
Ion Ratio Lower Upper

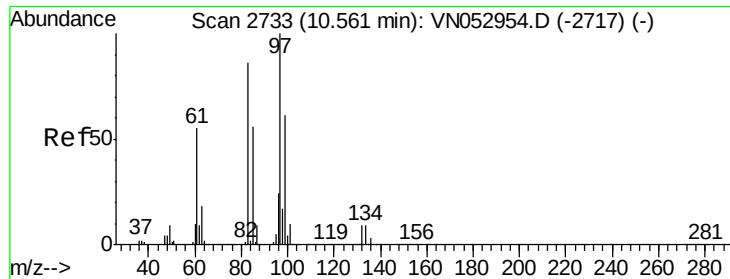
43 100

58 142.5 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-2537) (-)

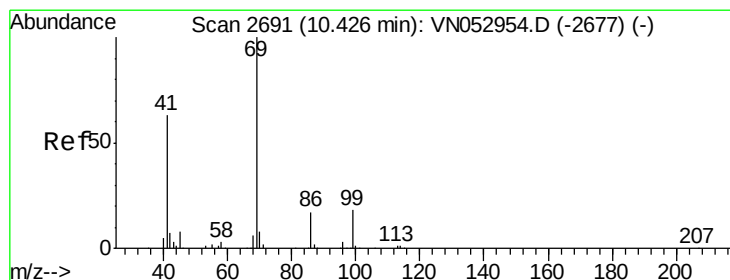
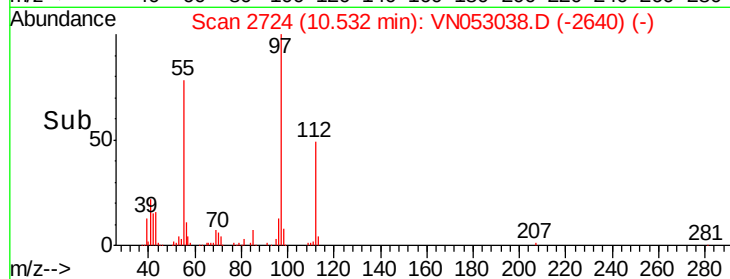
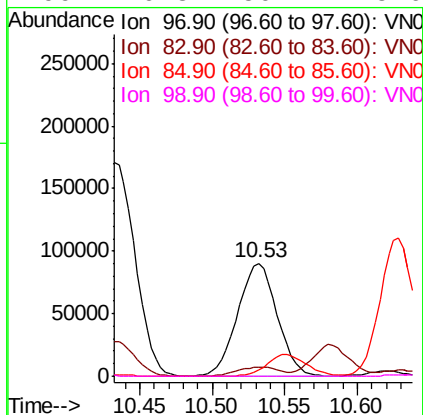
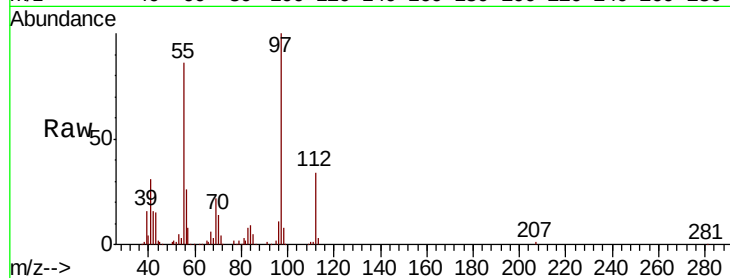




#55
 1,1,2-Trichloroethane
 Concen: 13.035 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN053038.D
 Acq: 20 Dec 2018 4:10

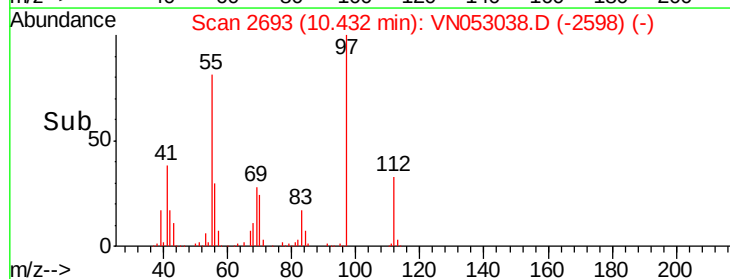
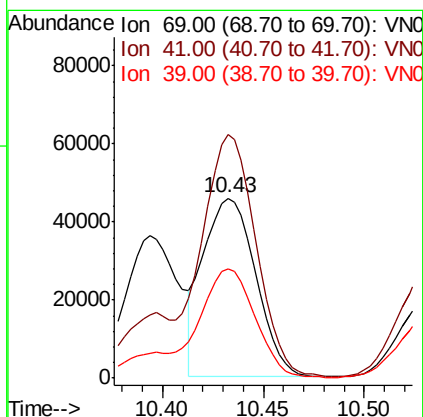
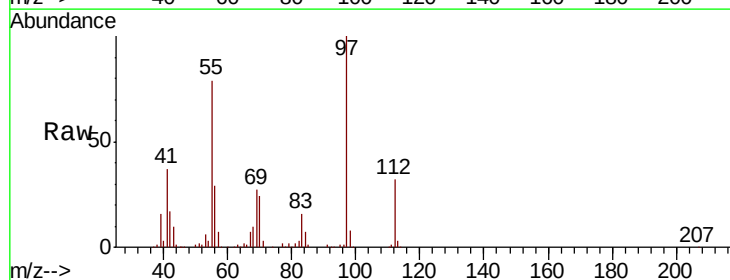
Instrument :
 MSVOA_N
 ClientSampled :

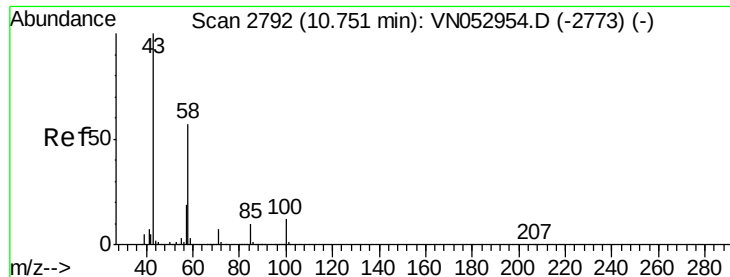
Tot Ion	97	Resp	169862
Ion Ratio	Lower	Upper	
97	100		
83	8.1	70.9	106.3#
85	5.2	45.4	68.2#
99	0.3	50.4	75.6#



#56
 Ethyl methacrylate
 Concen: 4.813 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.01 min
 Lab File: VN053038.D
 Acq: 20 Dec 2018 4:10

Tgt Ion	69	Resp	83024
Ion Ratio	Lower	Upper	
69	100		
41	137.7	51.7	77.5#
39	79.4	24.6	37.0#

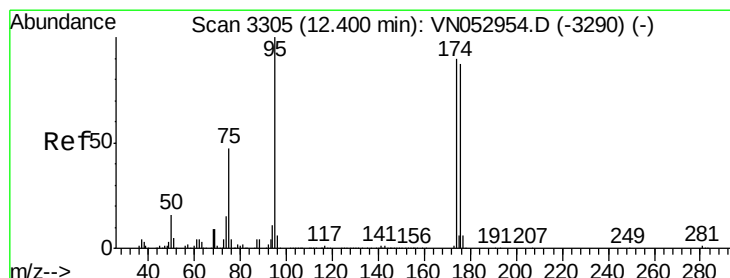
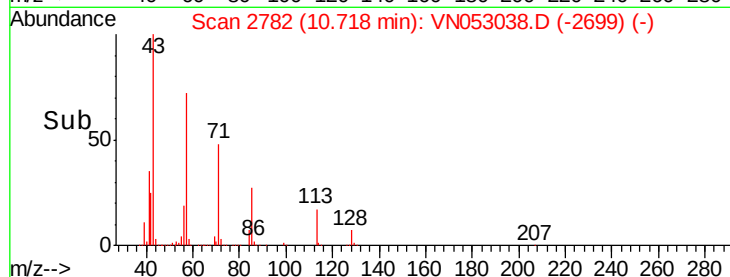
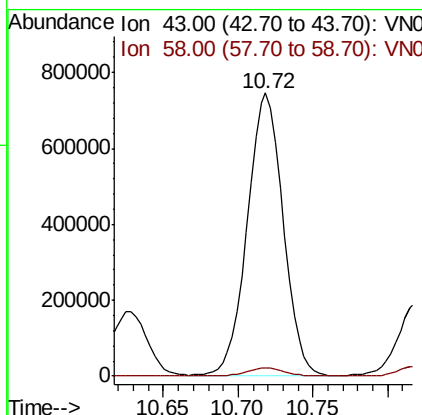
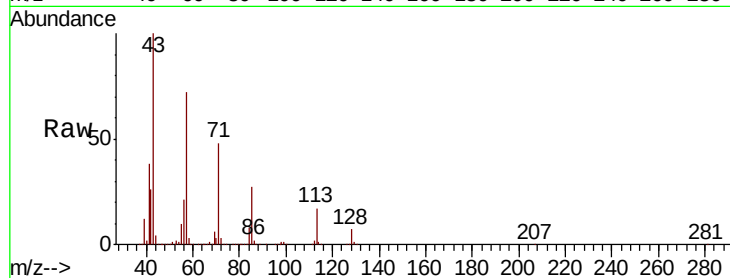




#59
2-Hexanone
Concen: 166.387 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053038.D
Acq: 20 Dec 2018 4:10

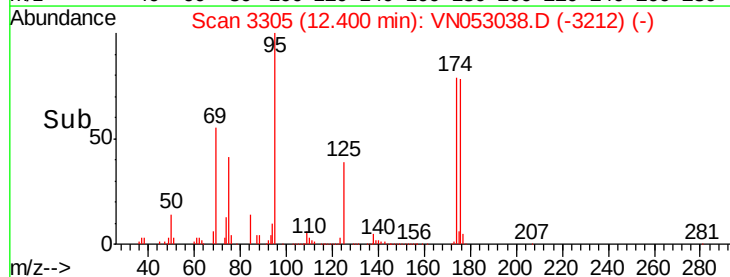
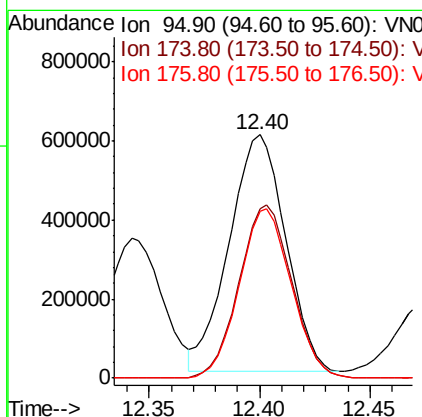
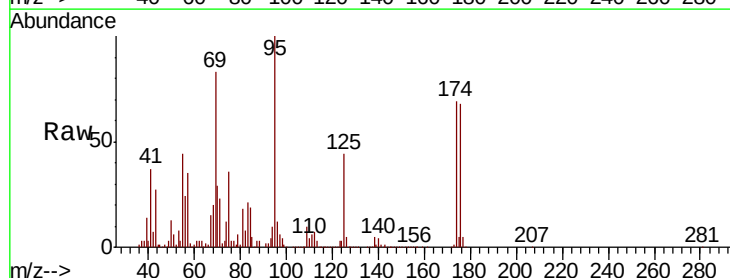
Instrument :
MSVOA_N
ClientSampled :

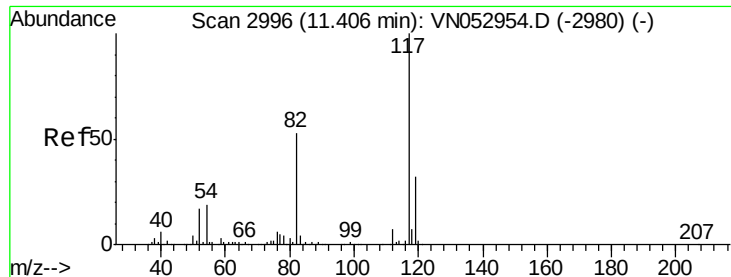
Tot Ion: 43 Resp: 1233071
Ion Ratio Lower Upper
43 100
58 3.2 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053038.D
Acq: 20 Dec 2018 4:10

Tgt Ion: 95 Resp: 1065731
Ion Ratio Lower Upper
95 100
174 68.1 0.0 178.8
176 66.0 0.0 173.8

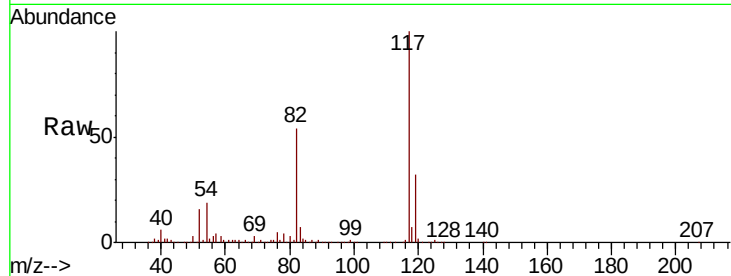




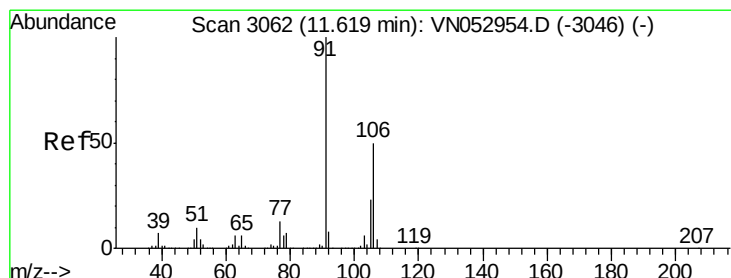
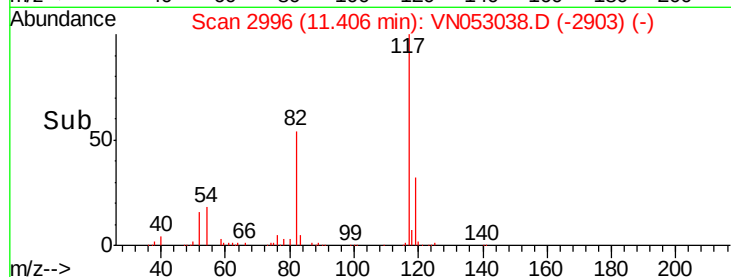
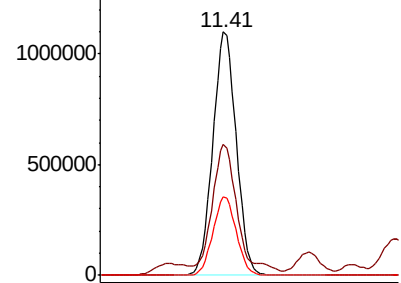
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053038.D
Acq: 20 Dec 2018 4:10

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1888984
Ion Ratio Lower Upper
117 100
82 50.3 42.8 64.2
119 32.4 25.5 38.3

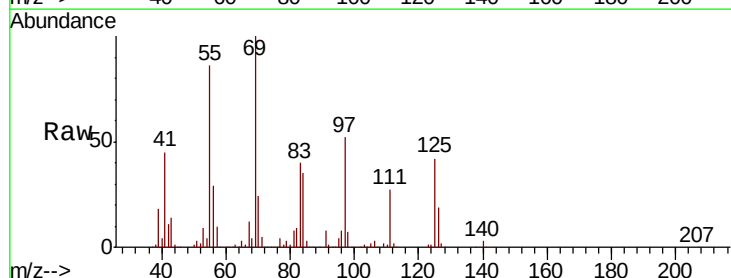


Abundance Ion 116.90 (116.60 to 117.60): V
1500000 Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

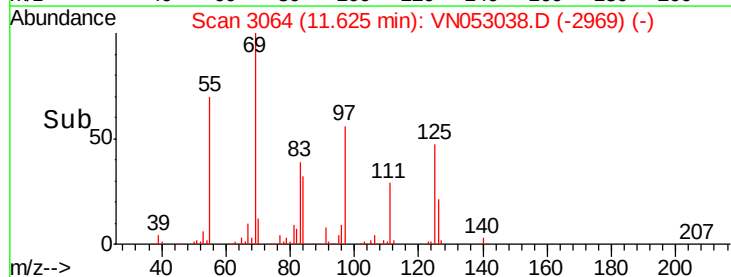
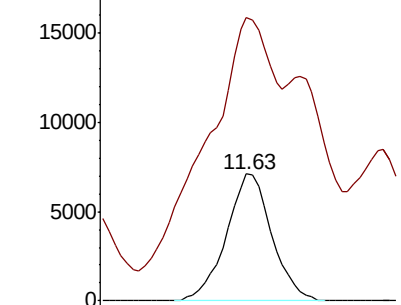


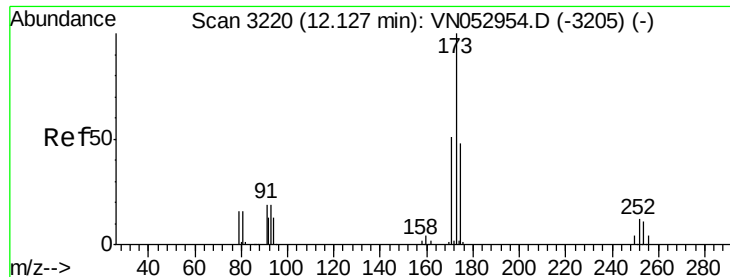
#68
m/p-Xylenes
Concen: 0.442 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN053038.D
Acq: 20 Dec 2018 4:10

Tgt Ion:106 Resp: 12095
Ion Ratio Lower Upper
106 100
91 297.0 162.2 243.4#



Abundance Ion 106.00 (105.70 to 106.70): V
15000 Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 0.479 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053038.D

Acq: 20 Dec 2018 4:10

Instrument :

MSVOA_N

ClientSampleId :

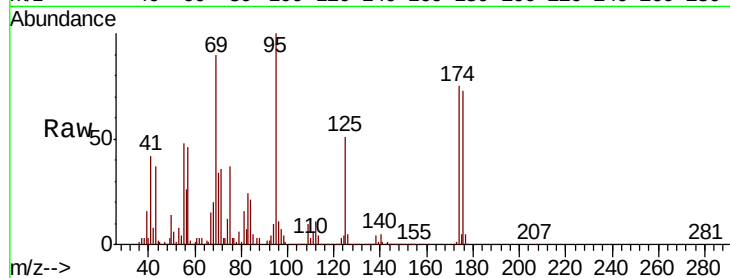
Tot Ion:173 Resp: 5040

Ion Ratio Lower Upper

173 100

175 893.7 24.3 72.9#

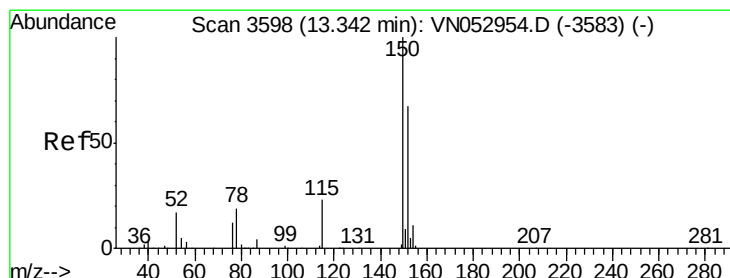
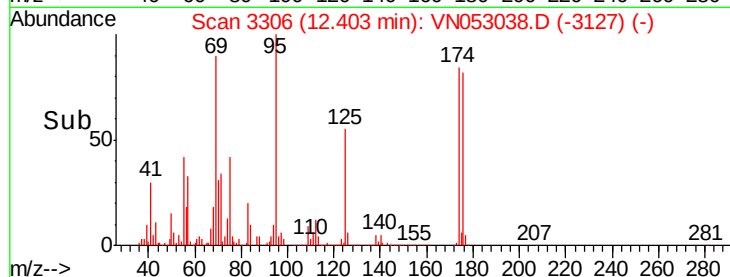
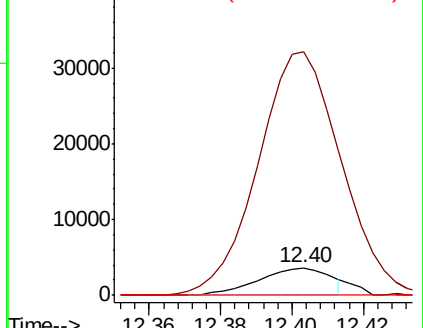
254 0.0 0.1 0.1#



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: VN053038.D

Acq: 20 Dec 2018 4:10

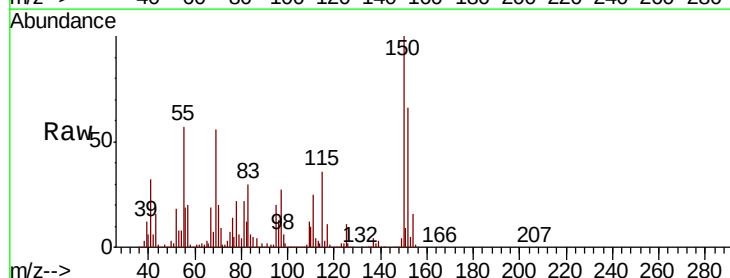
Tgt Ion:152 Resp: 757848

Ion Ratio Lower Upper

152 100

115 49.6 28.3 85.0

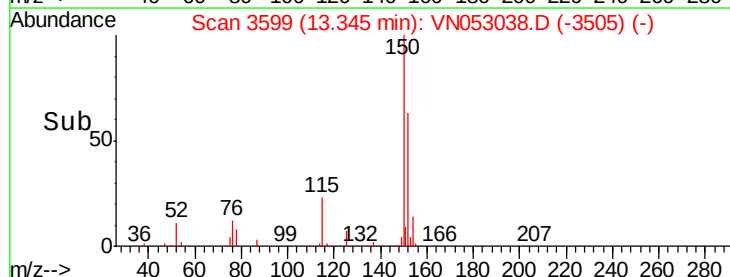
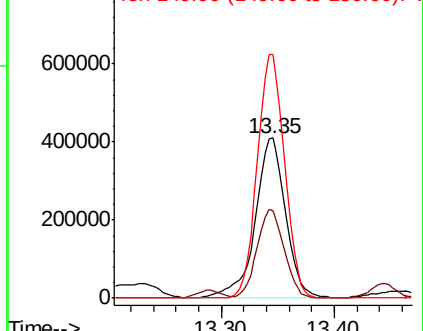
150 138.0 0.0 347.8

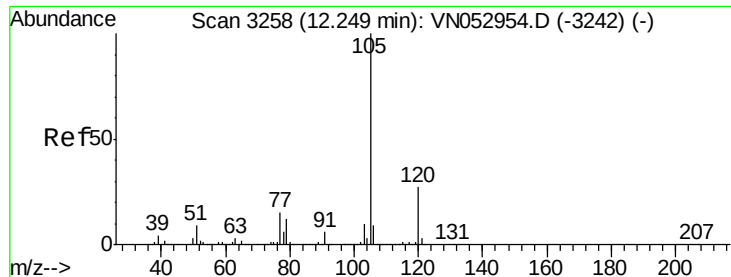


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 42.501 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053038.D

Acq: 20 Dec 2018 4:10

Instrument :

MSVOA_N

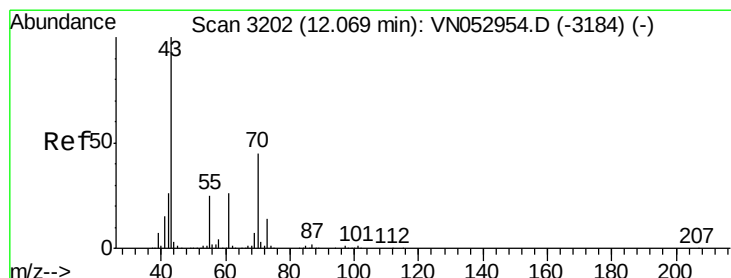
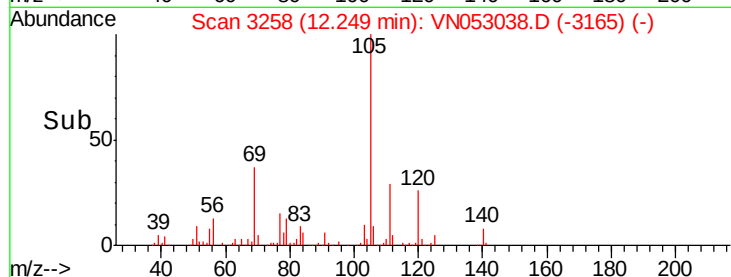
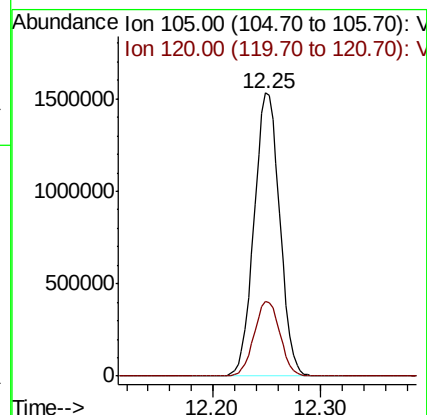
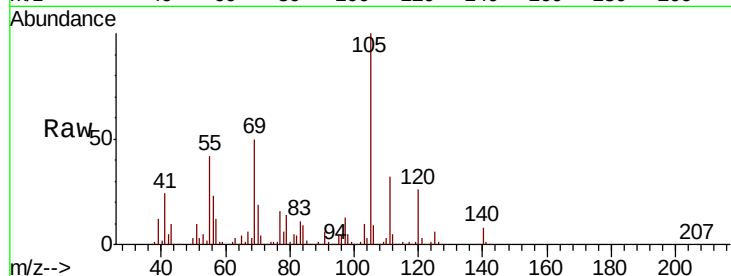
ClientSampleId :

Tot Ion:105 Resp: 2520105

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 224.716 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN053038.D

Acq: 20 Dec 2018 4:10

Tgt Ion: 43 Resp: 3699367

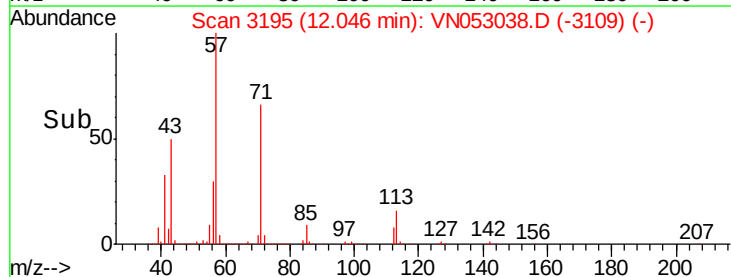
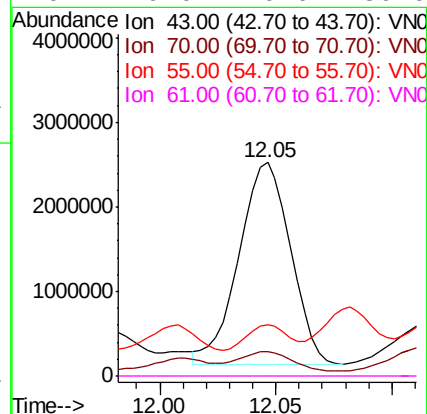
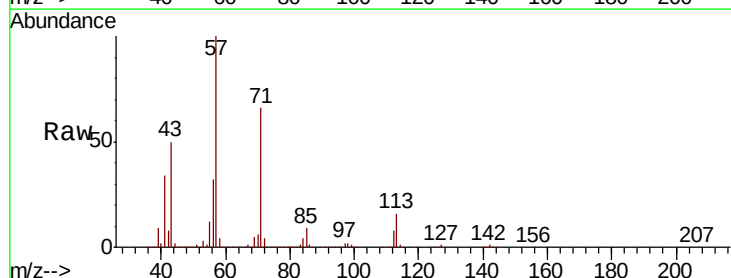
Ion Ratio Lower Upper

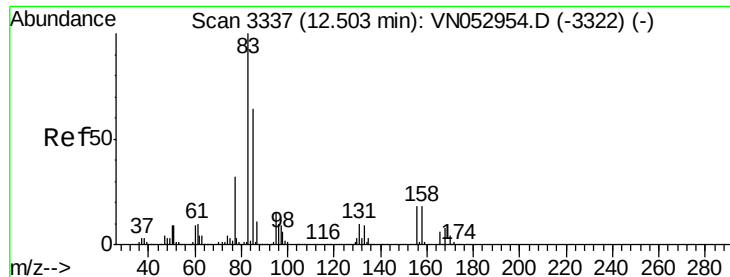
43 100

70 9.3 34.2 51.4#

55 20.0 20.3 30.5#

61 0.0 20.0 30.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 26.261 ug/l

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN053038.D

Acq: 20 Dec 2018 4:10

Instrument :

MSVOA_N

ClientSampled :

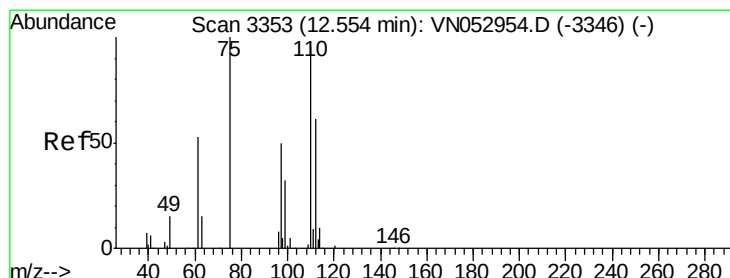
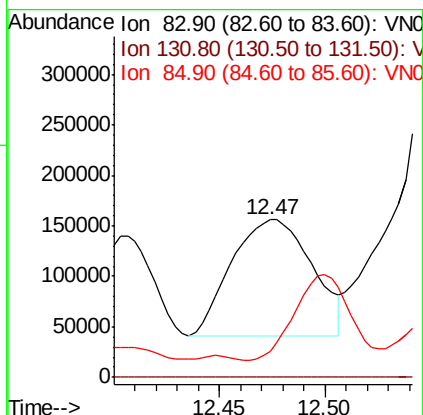
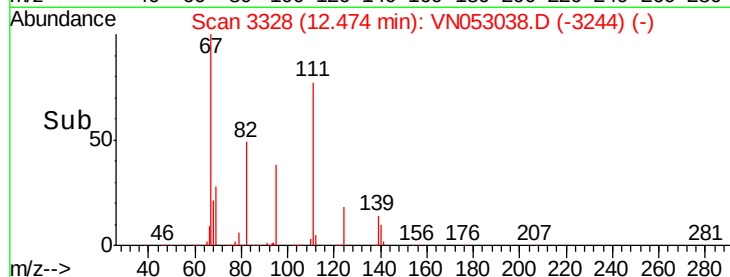
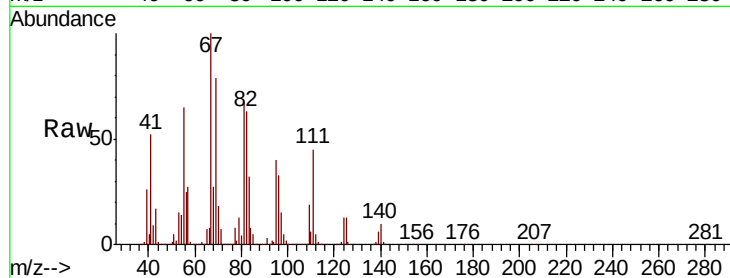
Tot Ion: 83 Resp: 305488

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: 28.814 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053038.D

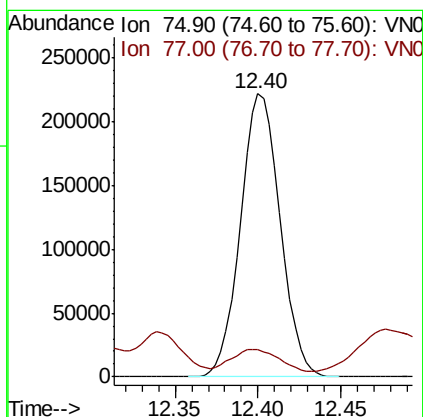
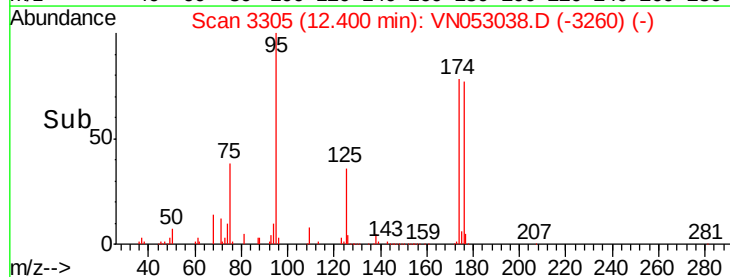
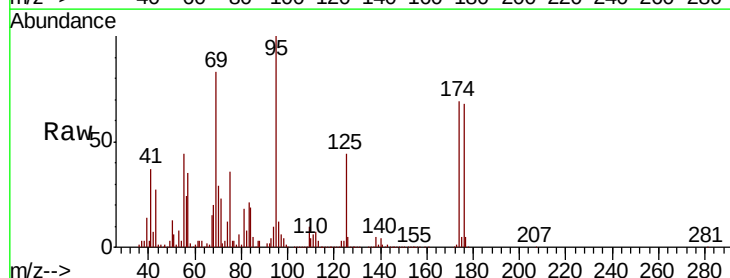
Acq: 20 Dec 2018 4:10

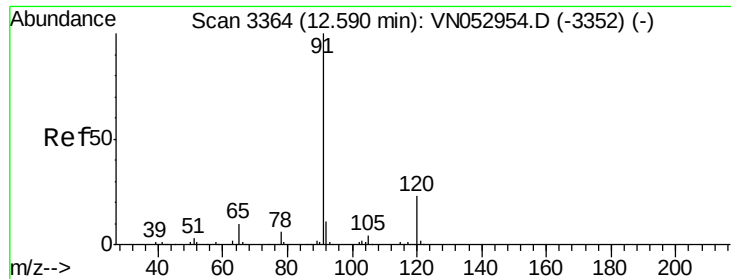
Tgt Ion: 75 Resp: 367595

Ion Ratio Lower Upper

75 100

77 9.2 0.0 0.0#





#78

n-propylbenzene

Concen: 10.119 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053038.D

Acq: 20 Dec 2018 4:10

Instrument :

MSVOA_N

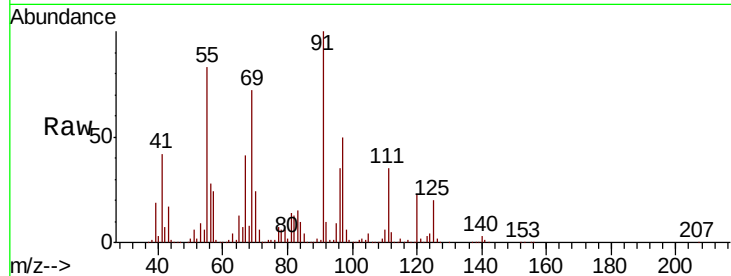
ClientSampleId :

Tot Ion: 91 Resp: 683348

Ion Ratio Lower Upper

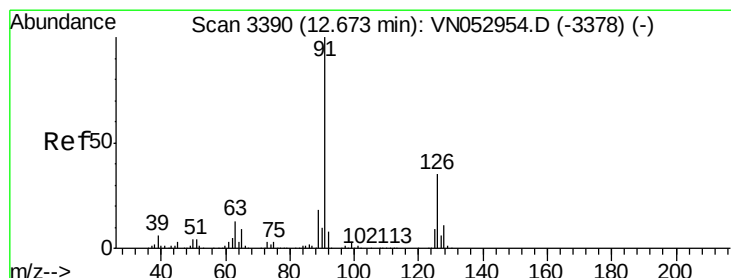
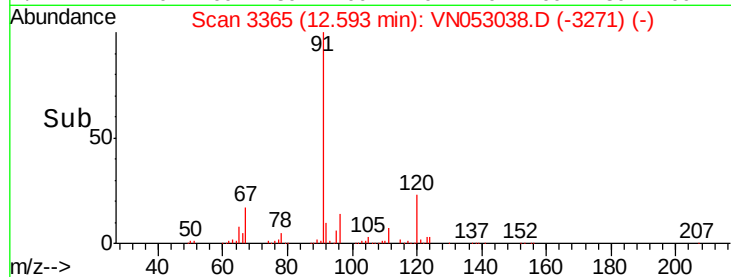
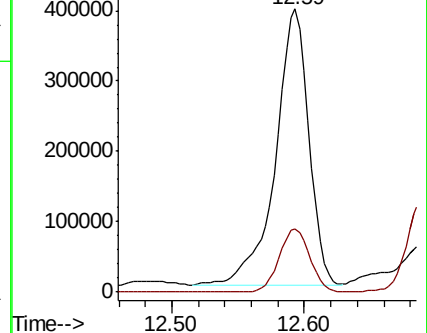
91 100

120 21.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 3.190 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. 0.02 min

Lab File: VN053038.D

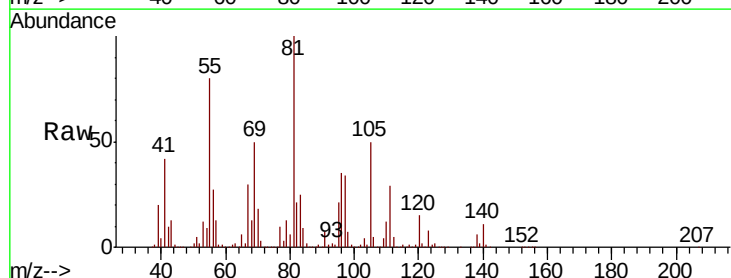
Acq: 20 Dec 2018 4:10

Tgt Ion: 91 Resp: 133534

Ion Ratio Lower Upper

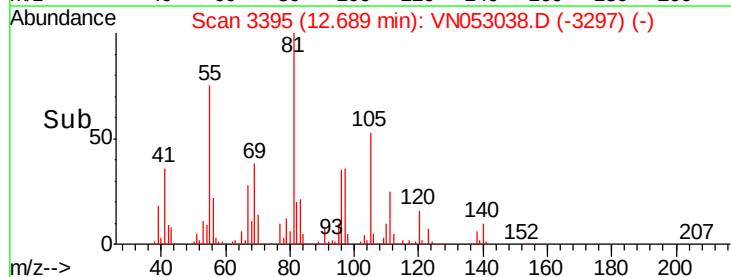
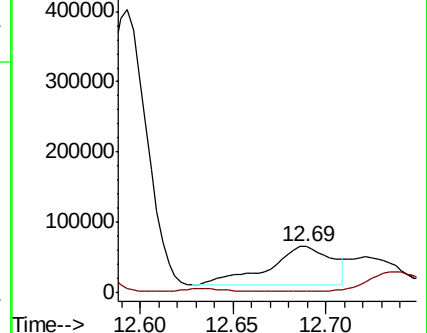
91 100

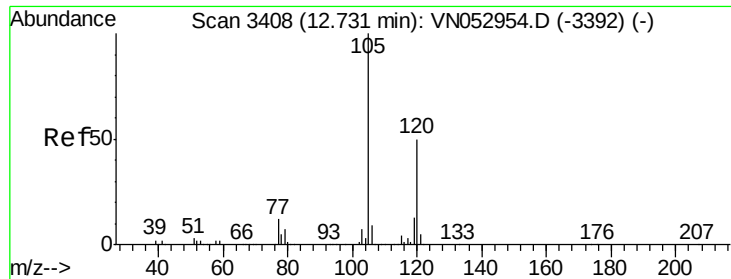
126 0.0 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

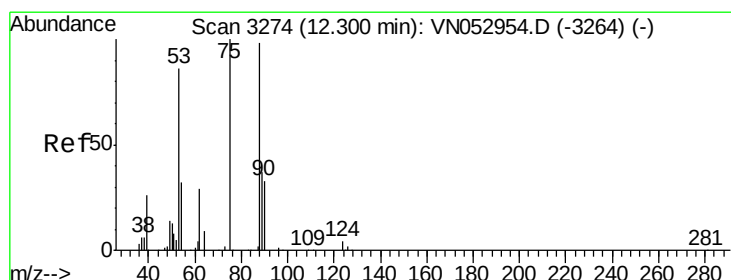
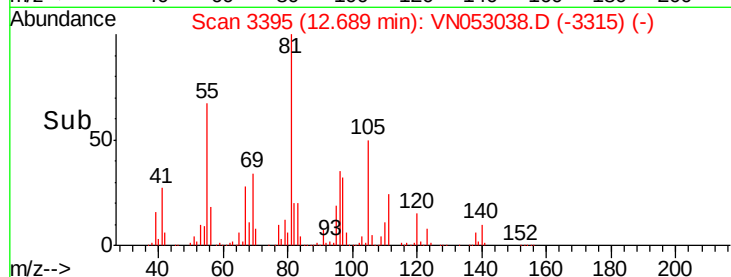
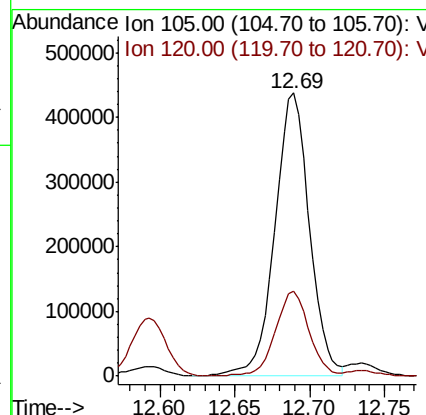
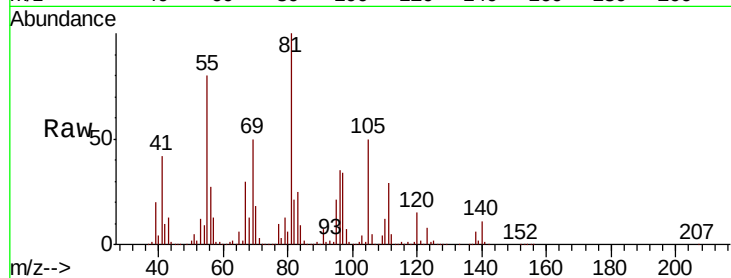




#80
 1,3,5-Trimethylbenzene
 Concen: 14.439 ug/l
 RT: 12.69 min Scan# 3395
 Delta R.T. -0.04 min
 Lab File: VN053038.D
 Acq: 20 Dec 2018 4:10

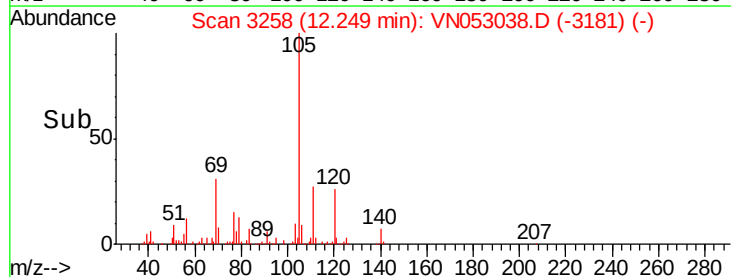
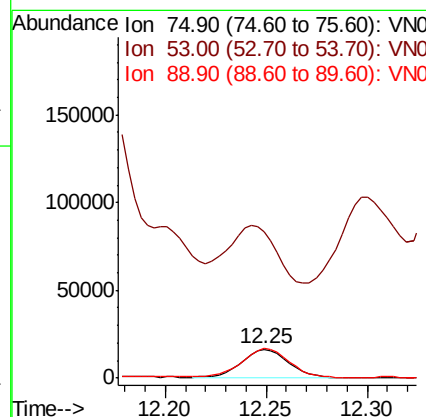
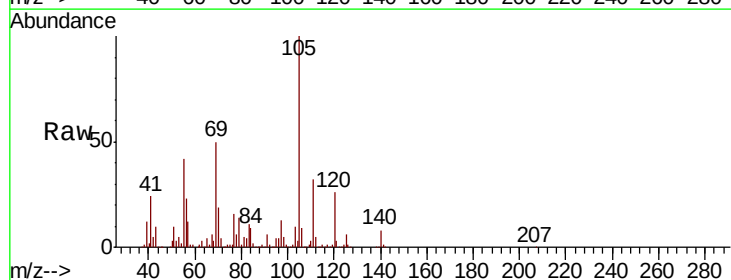
Instrument :
 MSVOA_N
 ClientSampled :

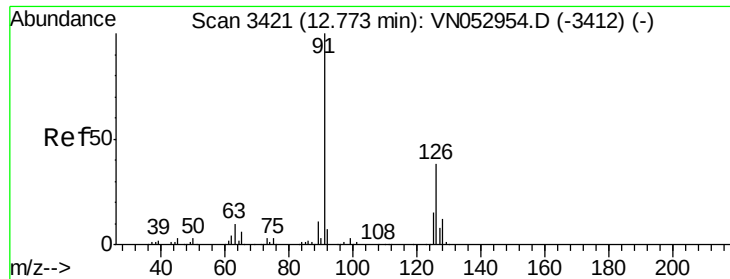
Tot Ion:105 Resp: 697854
 Ion Ratio Lower Upper
 105 100
 120 29.3 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 6.400 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.05 min
 Lab File: VN053038.D
 Acq: 20 Dec 2018 4:10

Tgt Ion: 75 Resp: 25331
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 107.7 36.1 54.1#





#82

4-Chlorotoluene

Concen: 5.770 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.27 min

Lab File: VN053038.D

Acq: 20 Dec 2018 4:10

Instrument :

MSVOA_N

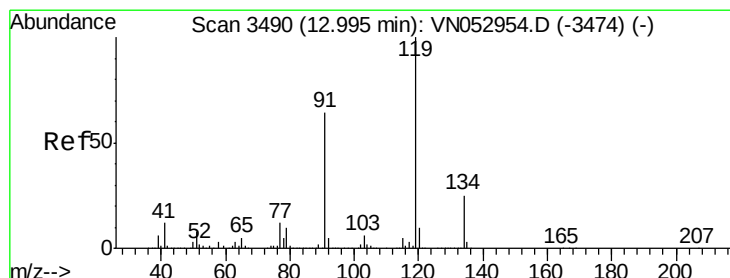
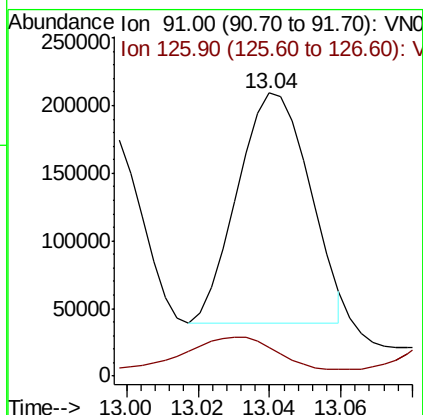
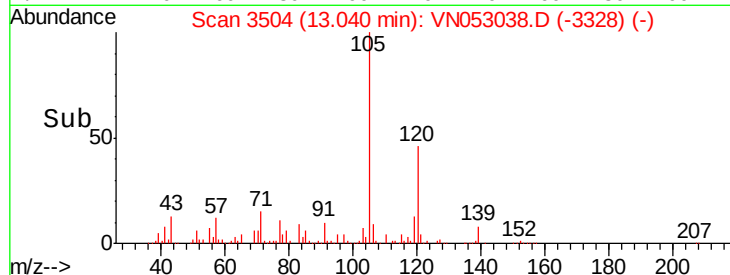
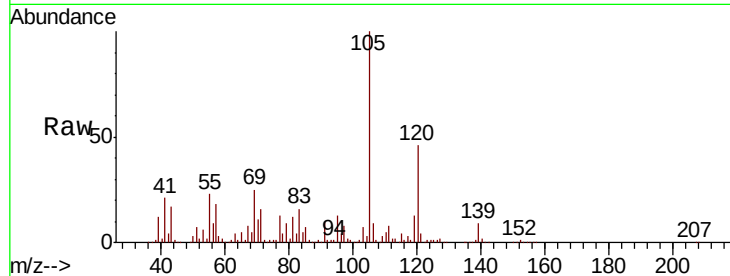
ClientSampled :

Tot Ion: 91 Resp: 236423

Ion Ratio Lower Upper

91 100

126 17.7 17.3 51.7



#83

tert-Butylbenzene

Concen: 10.671 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN053038.D

Acq: 20 Dec 2018 4:10

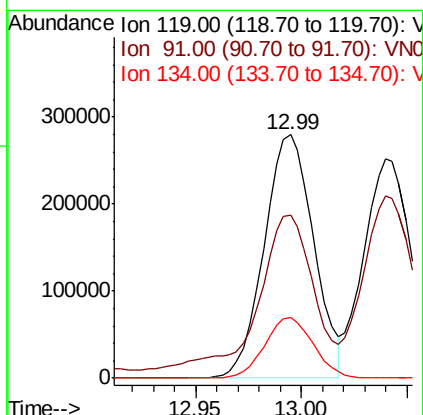
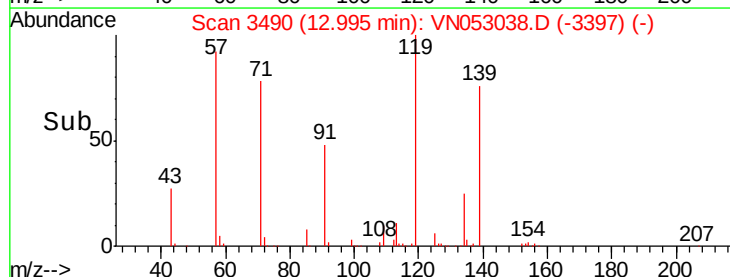
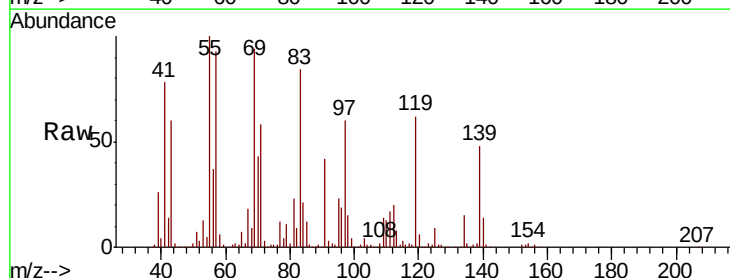
Tgt Ion: 119 Resp: 456137

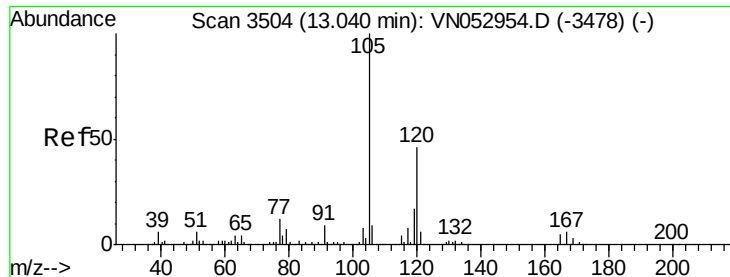
Ion Ratio Lower Upper

119 100

91 69.0 31.9 95.5

134 24.3 12.8 38.4

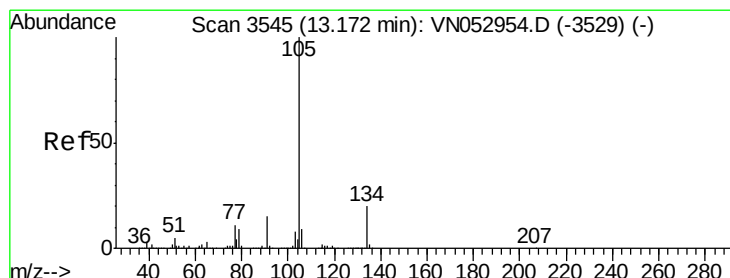
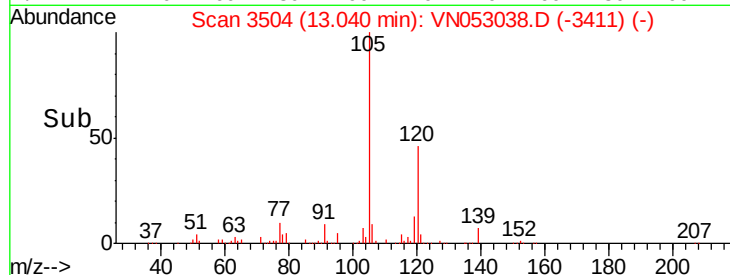
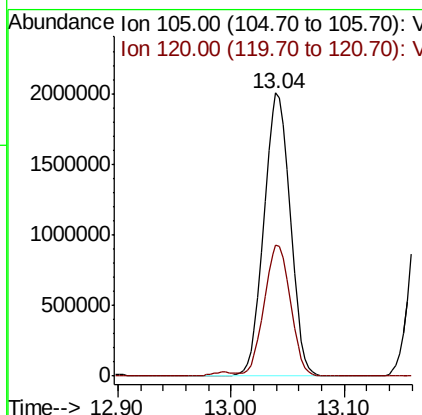
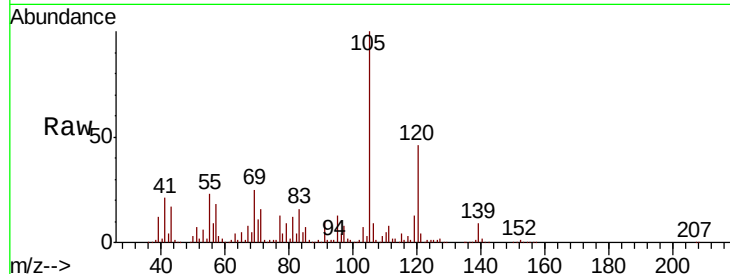




#84
 1,2,4-Trimethylbenzene
 Concen: 66.407 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053038.D
 Acq: 20 Dec 2018 4:10

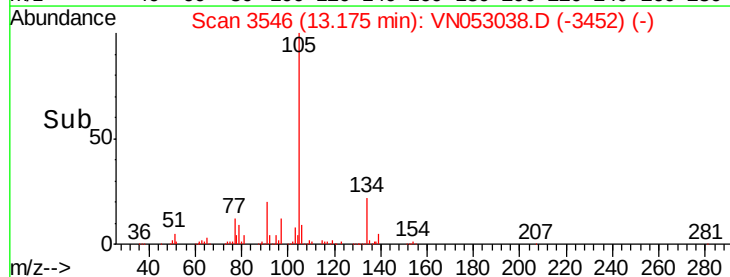
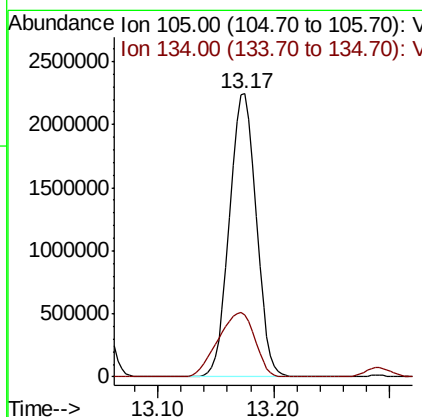
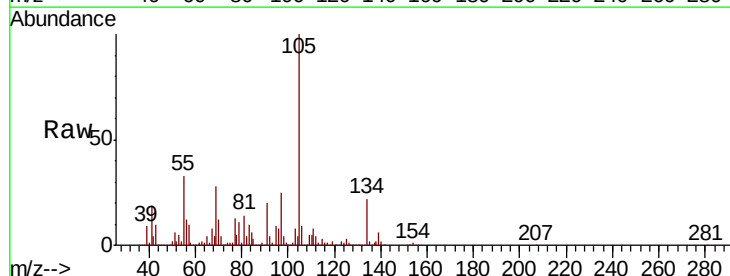
Instrument :
 MSVOA_N
 ClientSampled :

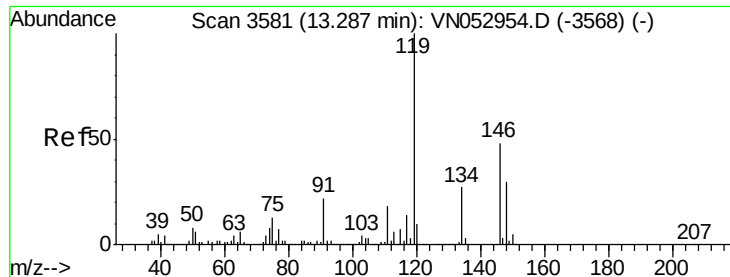
Tot Ion:105 Resp: 3226439
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.9 68.8



#85
 sec-Butylbenzene
 Concen: 61.665 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN053038.D
 Acq: 20 Dec 2018 4:10

Tgt Ion:105 Resp: 3565164
 Ion Ratio Lower Upper
 105 100
 134 31.7 10.1 30.3#

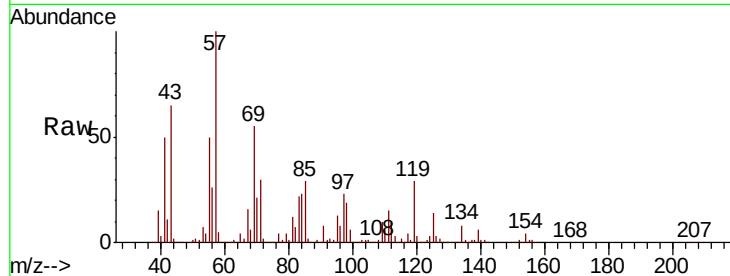




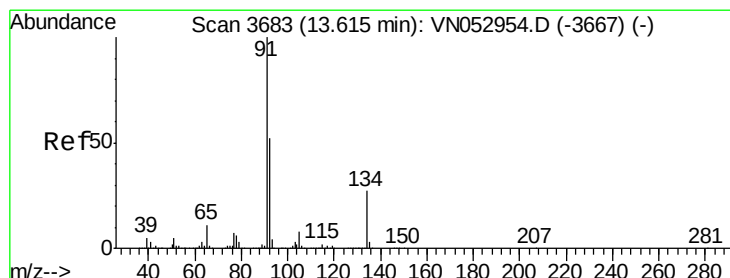
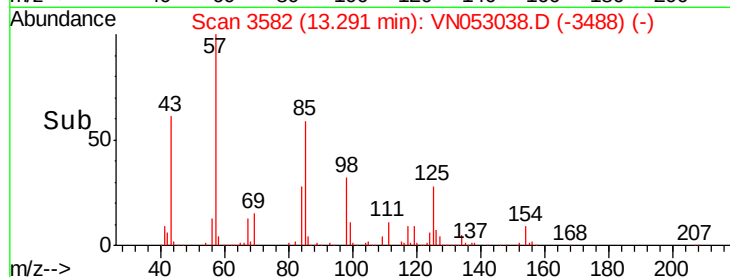
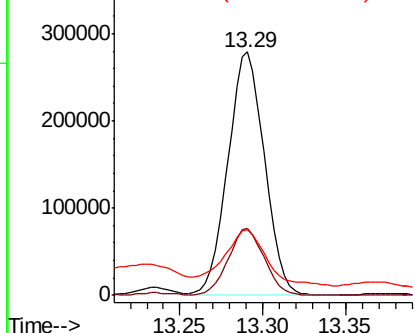
#86
p-Isopropyltoluene
Concen: 8.556 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053038.D
Acq: 20 Dec 2018 4:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 427420
Ion Ratio Lower Upper
119 100
134 26.6 13.4 40.2
91 26.6 11.1 33.3

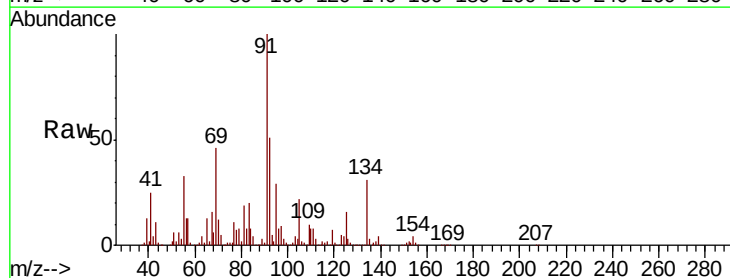


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

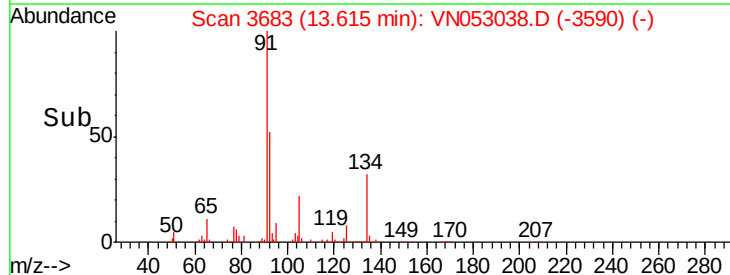
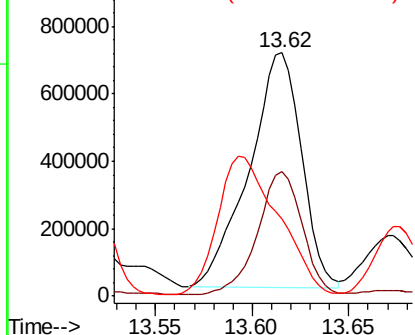


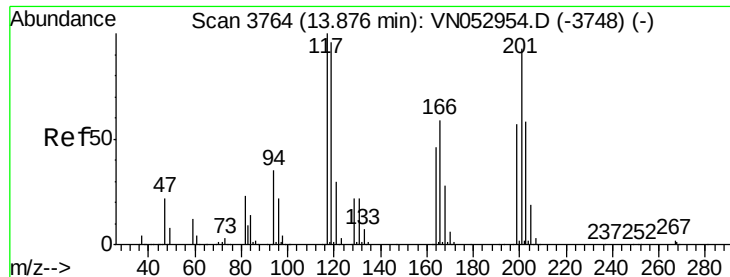
#89
n-Butylbenzene
Concen: 30.407 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053038.D
Acq: 20 Dec 2018 4:10

Tgt Ion: 91 Resp: 1306853
Ion Ratio Lower Upper
91 100
92 45.1 26.3 78.9
134 0.0 13.3 39.8#



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 56.797 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053038.D

Acq: 20 Dec 2018 4:10

Instrument :

MSVOA_N

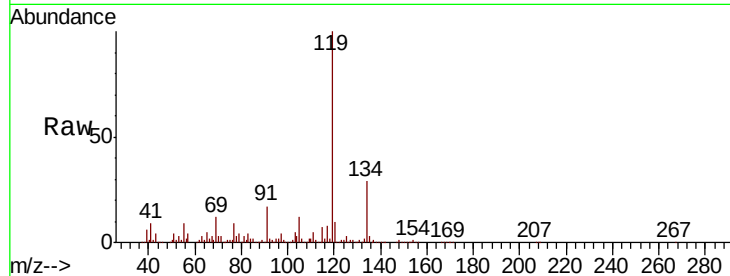
ClientSampled :

Tot Ion:117 Resp: 435427

Ion Ratio Lower Upper

117 100

201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

600000

500000

400000

300000

200000

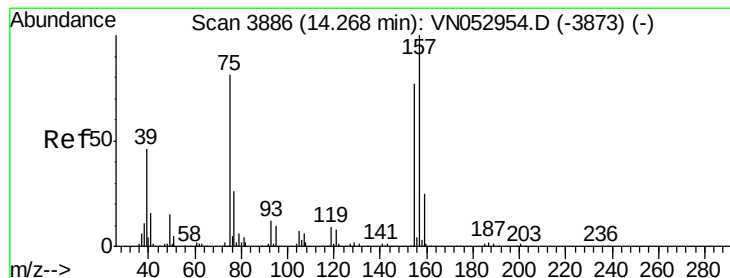
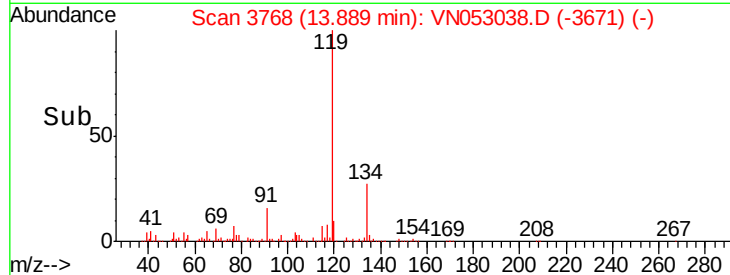
100000

0

Time-->

13.85 13.90

13.89



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.667 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN053038.D

Acq: 20 Dec 2018 4:10

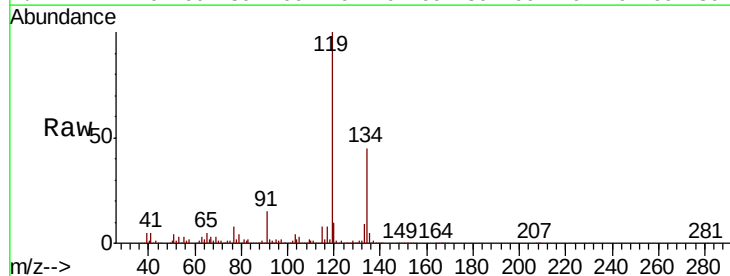
Tgt Ion: 75 Resp: 21455

Ion Ratio Lower Upper

75 100

155 0.0 48.2 144.6#

157 0.0 61.2 183.5#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

20000

15000

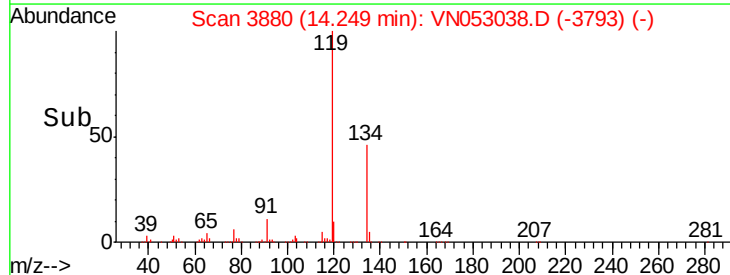
10000

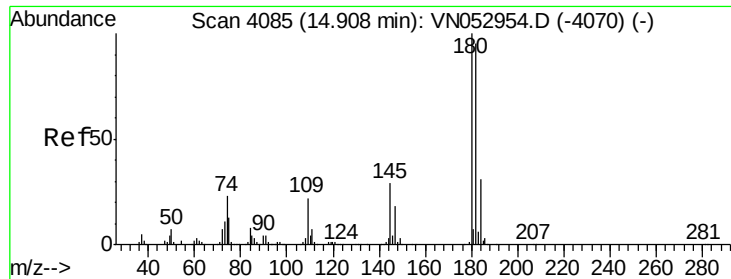
5000

0

Time-->

14.25

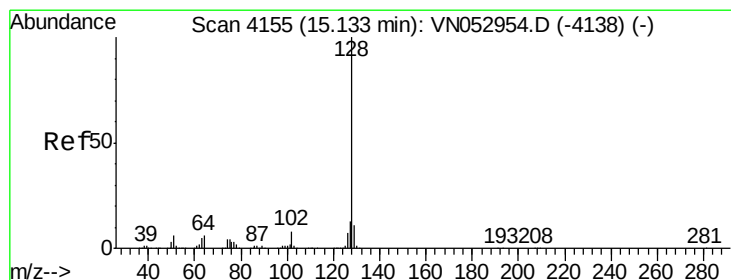
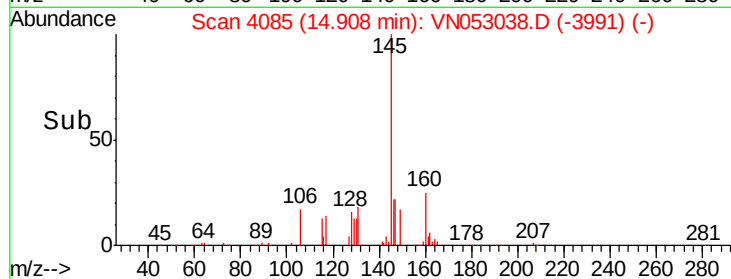
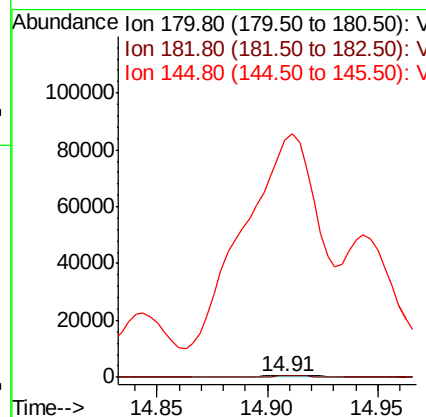
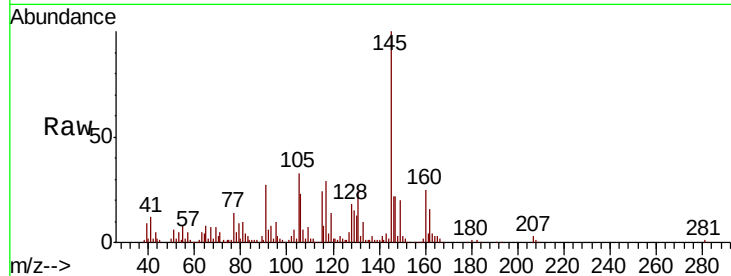




#93
 1,2,4-Trichlorobenzene
 Concen: 0.695 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053038.D
 Acq: 20 Dec 2018 4:10

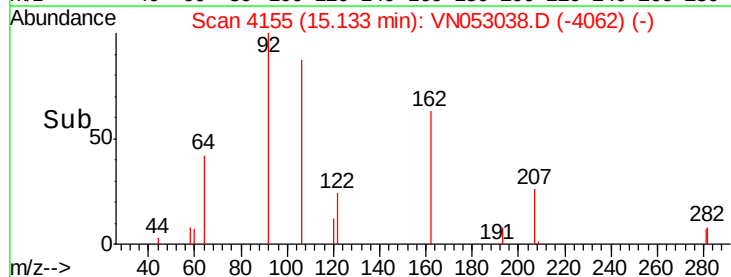
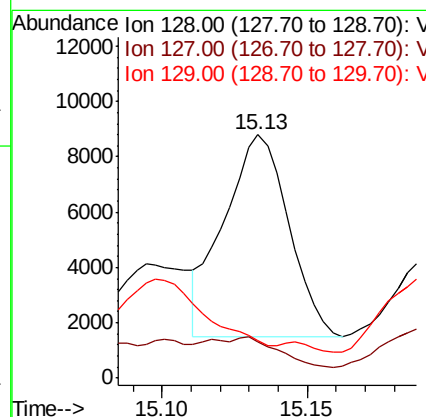
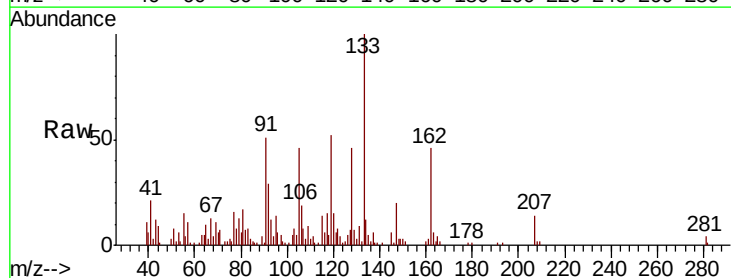
Instrument :
 MSVOA_N
 ClientSampled :

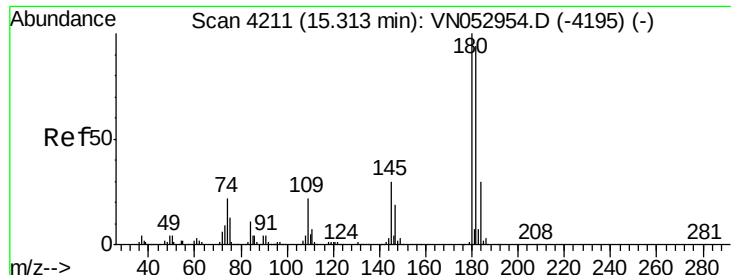
Tot Ion:180 Resp: 1367
 Ion Ratio Lower Upper
 180 100
 182 60.0 47.8 143.3
 145 15474.0 14.2 42.6#



#95
 Naphthalene
 Concen: 1.520 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053038.D
 Acq: 20 Dec 2018 4:10

Tgt Ion:128 Resp: 11380
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.4#
 129 0.0 8.6 13.0#

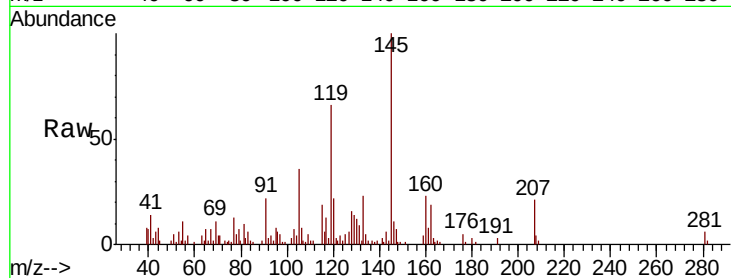




#96
 1,2,3-Trichlorobenzene
 Concen: 0.556 ug/l
 RT: 15.32 min Scan# 4214
 Delta R.T. 0.01 min
 Lab File: VN053038.D
 Acq: 20 Dec 2018 4:10

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	26.5	47.9	143.7#
145	0.0	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

