

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022619\
 Data File : VN053953.D
 Acq On : 26 Feb 2019 14:24
 Operator : JC/SP
 Sample : K1597-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-26

Quant Time: Feb 27 02:26:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	573553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1092531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1059093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	388949	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	384991	57.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.52%	
35) Dibromofluoromethane	7.59	113	355083	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	10.09	98	1376580	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.40	95	451155	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.79	59	364	0.854	ug/l #	73
13) Acrolein	3.62	56	161	0.365	ug/l #	39
14) Allyl chloride	4.56	41	5167	0.520	ug/l #	26
16) Acetone	3.82	43	22176	0.317	ug/l	97
18) Methyl Acetate	4.33	43	2073	0.441	ug/l #	52
20) Methylene Chloride	4.55	84	92422	13.889	ug/l	92
25) 2-Butanone	6.84	43	4777	1.810	ug/l #	73
29) Tetrahydrofuran	7.22	42	1117	0.635	ug/l #	35
30) Chloroform	7.37	83	3232	0.284	ug/l	100
31) Cyclohexane	7.67	56	11613	0.676	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	39426	3.880	ug/l #	48
38) Carbon Tetrachloride	7.66	117	52266	4.946	ug/l #	17
40) Benzene	8.04	78	24659	0.790	ug/l	96
43) Isopropyl Acetate	8.17	43	38647	3.155	ug/l #	89
45) 1,2-Dichloropropane	9.27	63	2227	0.264	ug/l #	44
48) Methyl methacrylate	9.18	41	11172	1.983	ug/l #	12
51) 4-Methyl-2-Pentanone	10.03	43	11252	1.788	ug/l #	34
52) Toluene	10.15	92	31651	1.722	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	72726	6.154	ug/l #	68
56) Ethyl methacrylate	10.54	69	1565	2.122	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	13532	1.167	ug/l #	43
59) 2-Hexanone	10.76	43	193610	47.294	ug/l #	47
67) Ethyl Benzene	11.51	91	32184	0.859	ug/l	98
68) m/p-Xylenes	11.62	106	48270	3.413	ug/l	95
69) o-Xylene	11.95	106	20679	1.488	ug/l	98
71) Bromoform	12.40	173	3519	0.628	ug/l #	1
74) N-amyl acetate	11.88	43	15372	1.937	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	218743	35.058	ug/l #	100
78) n-propylbenzene	12.59	91	17602	0.511	ug/l	99
79) 2-Chlorotoluene	12.65	91	8555	0.414	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	40971	1.653	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	218743	110.806	ug/l #	15
83) tert-Butylbenzene	13.04	119	14461	0.660	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.04	105	114943	4.645	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 05:37:40 2019
Response via : Initial Calibration

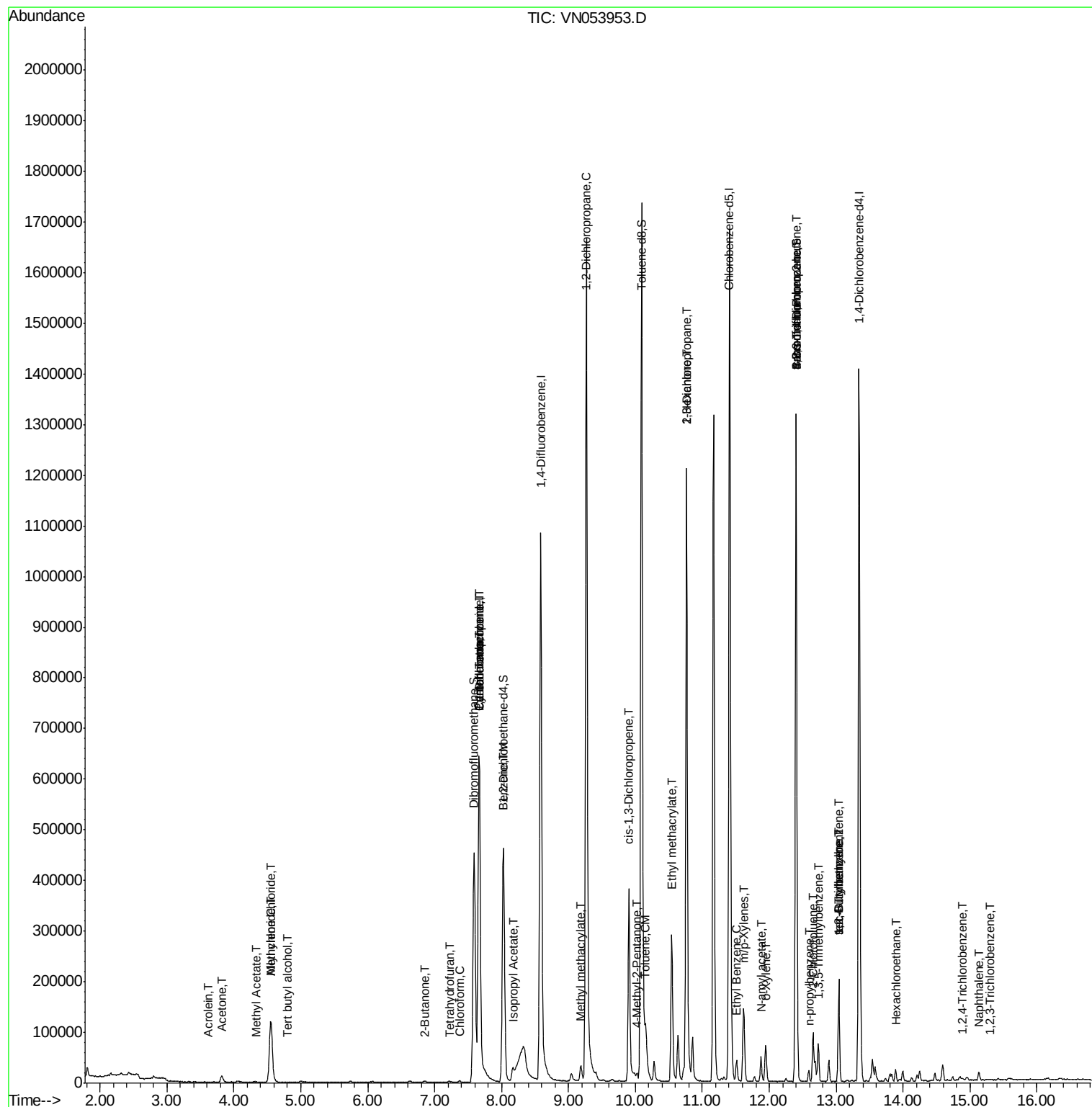
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.04	105	114943	3.839	ug/l #	56
90) Hexachloroethane	13.89	117	1519	0.310	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.90	180	148	2.242	ug/l #	1
95) Naphthalene	15.13	128	14128	4.070	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	61	1.566	ug/l #	1

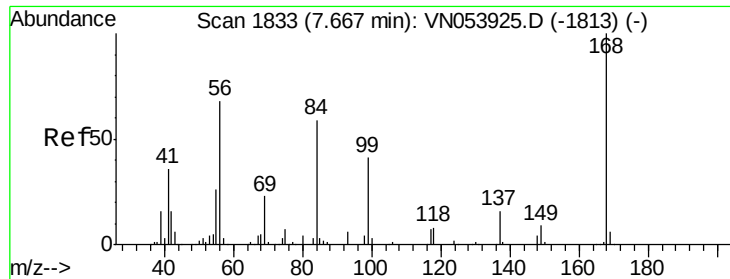
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022619\
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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: VN053953.D

Acq: 26 Feb 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

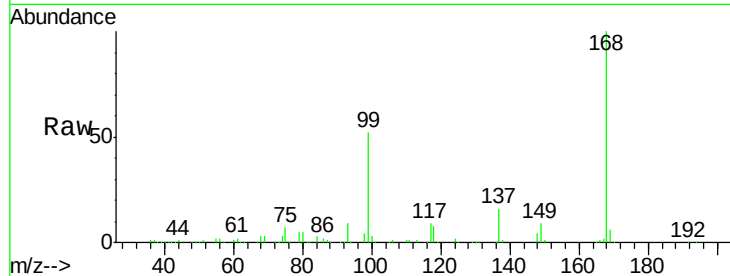
TP-26

Tot Ion:168 Resp: 573553

Ion Ratio Lower Upper

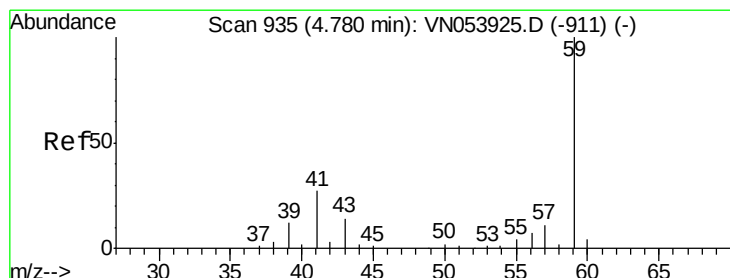
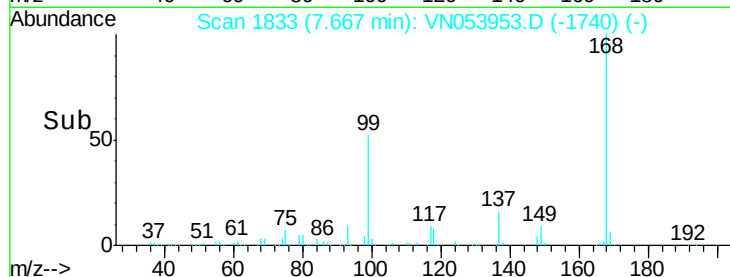
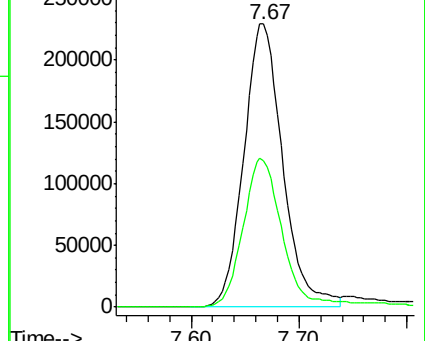
168 100

99 51.9 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 0.854 ug/l

RT: 4.79 min Scan# 937

Delta R.T. 0.01 min

Lab File: VN053953.D

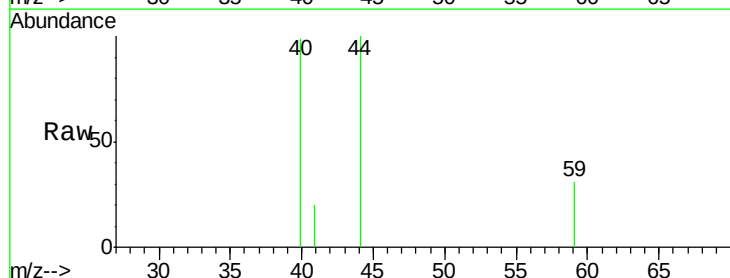
Acq: 26 Feb 2019 14:24

Tgt Ion: 59 Resp: 364

Ion Ratio Lower Upper

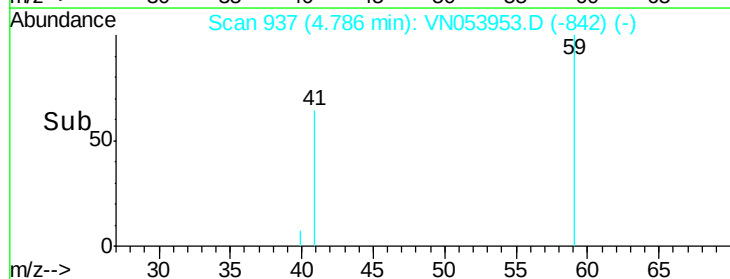
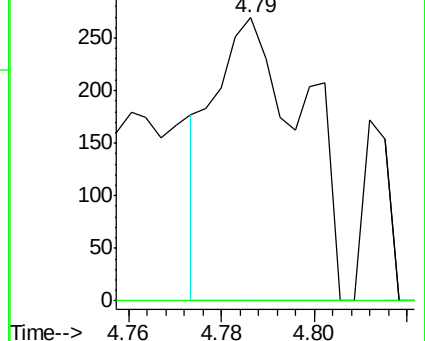
59 100

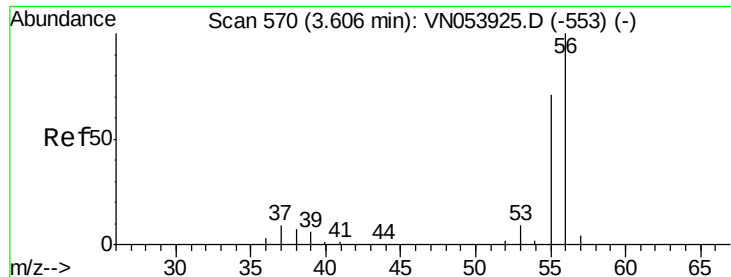
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.365 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

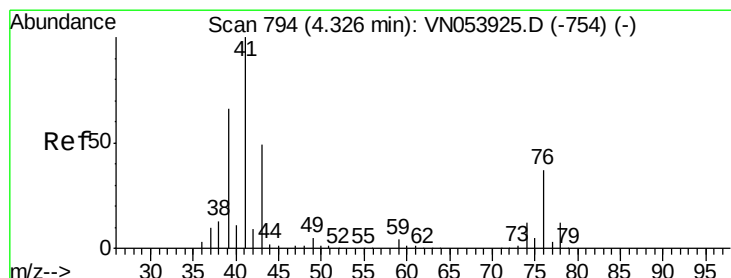
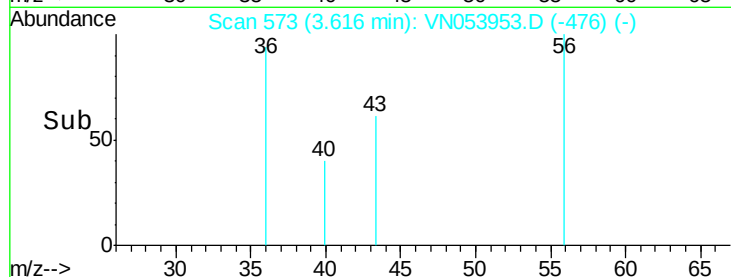
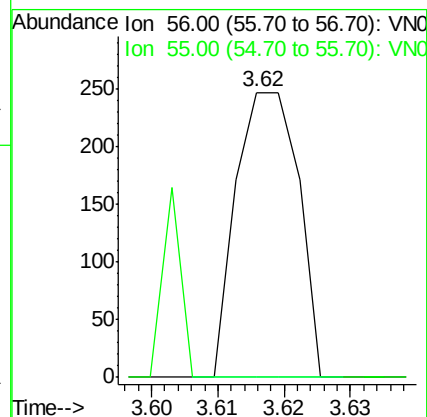
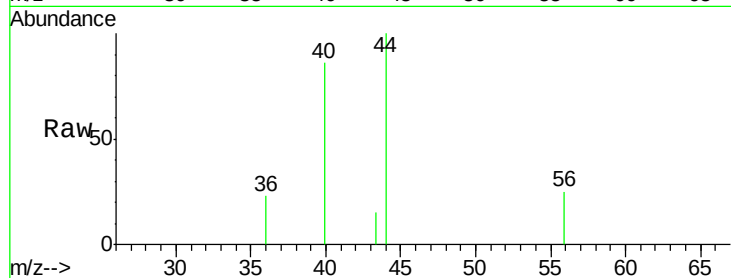
TP-26

Tot Ion: 56 Resp: 161

Ion Ratio Lower Upper

56 100

55 19.9 56.3 84.5#



#14

Allyl chloride

Concen: 0.520 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.23 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

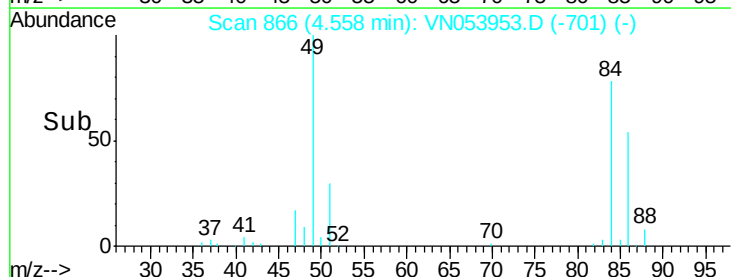
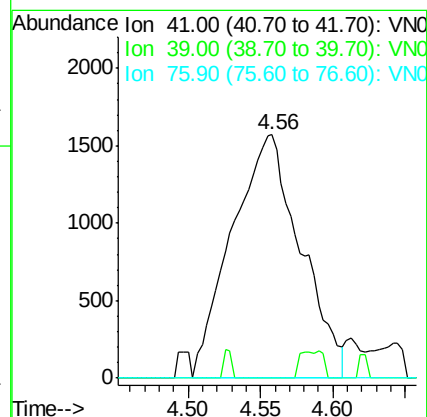
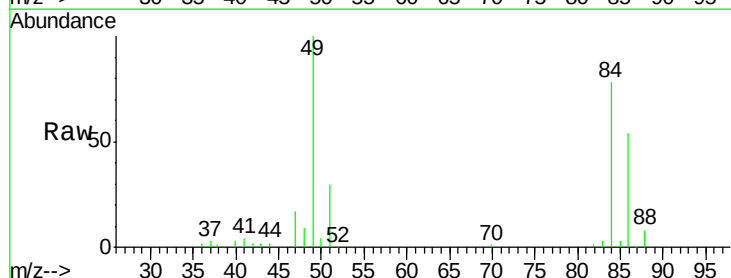
Tgt Ion: 41 Resp: 5167

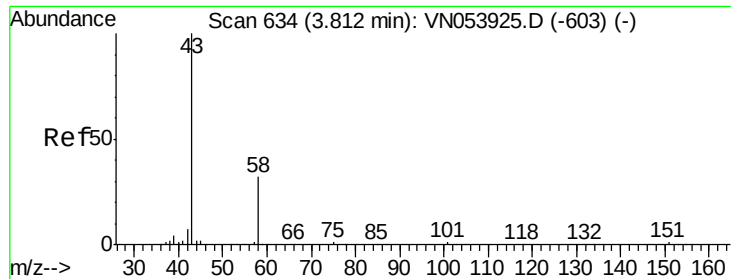
Ion Ratio Lower Upper

41 100

39 0.0 48.8 73.2#

76 0.0 30.9 46.3#





#16

Acetone

Concen: 0.317 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

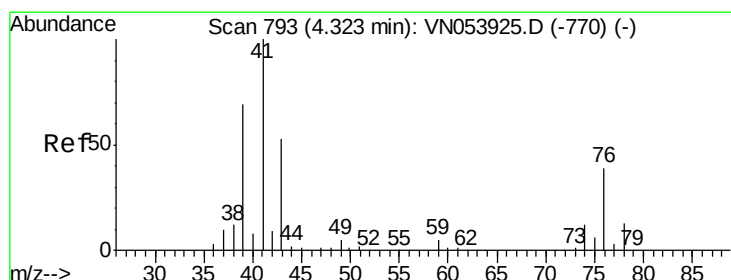
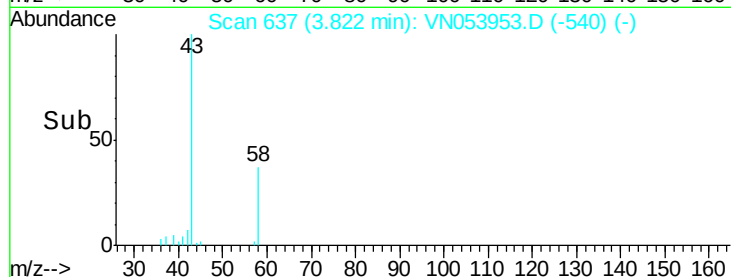
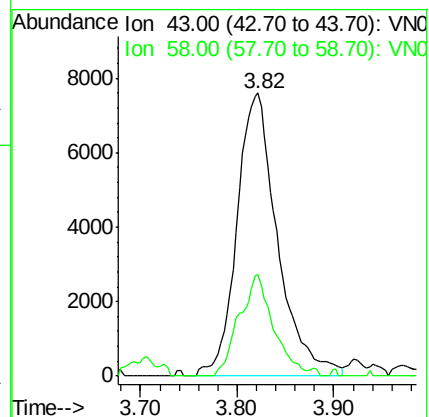
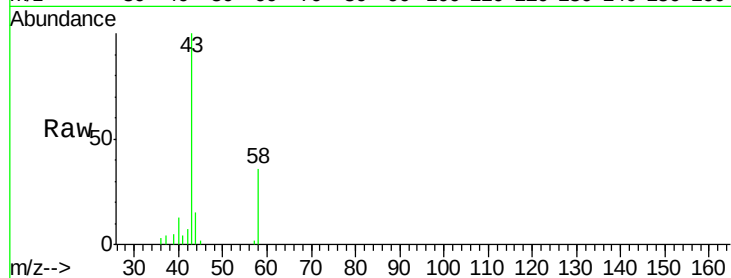
TP-26

Tot Ion: 43 Resp: 22176

Ion Ratio Lower Upper

43 100

58 36.0 27.6 41.4



#18

Methyl Acetate

Concen: 0.441 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053953.D

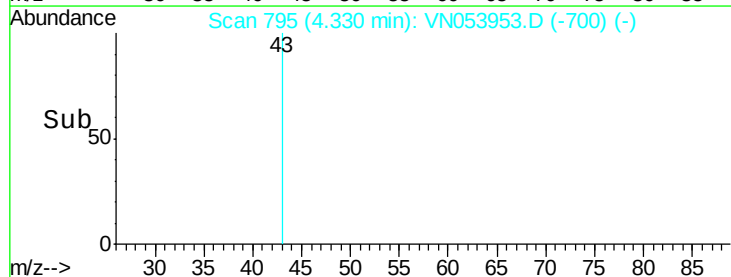
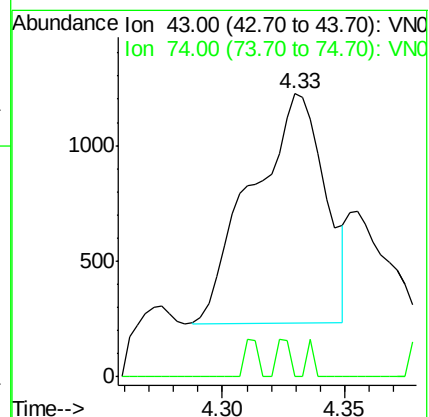
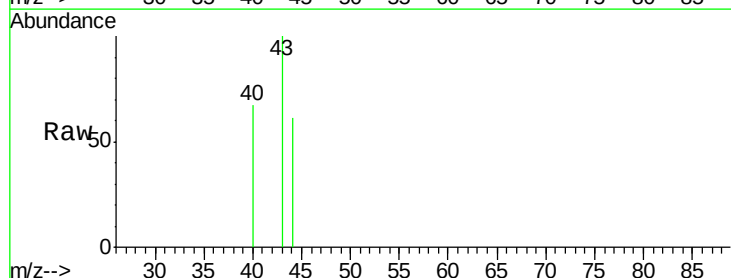
Acq: 26 Feb 2019 14:24

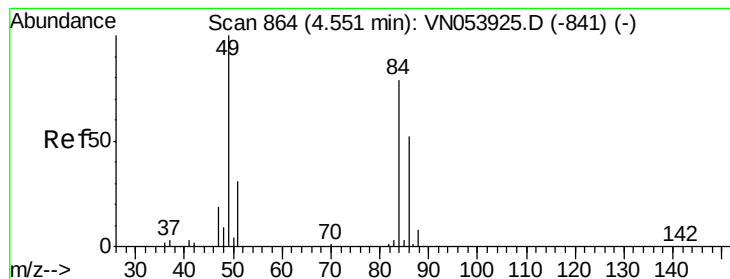
Tgt Ion: 43 Resp: 2073

Ion Ratio Lower Upper

43 100

74 1.5 20.5 30.7#





#20

Methvlene Chloride

Concen: 13.889 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

TP-26

Tot Ion: 84 Resp: 92422

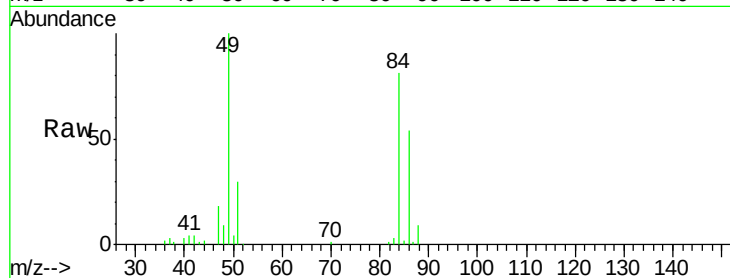
Ion Ratio Lower Upper

84 100

49 124.0 89.7 134.5

51 37.6 27.8 41.8

86 67.4 51.3 76.9

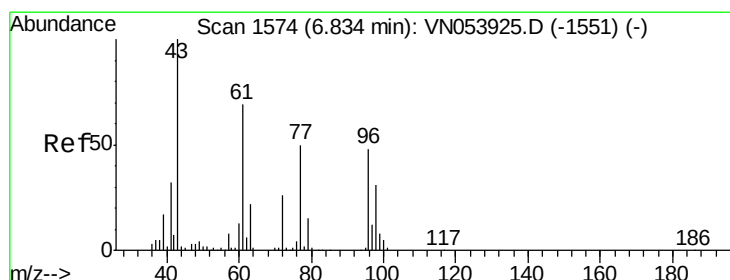
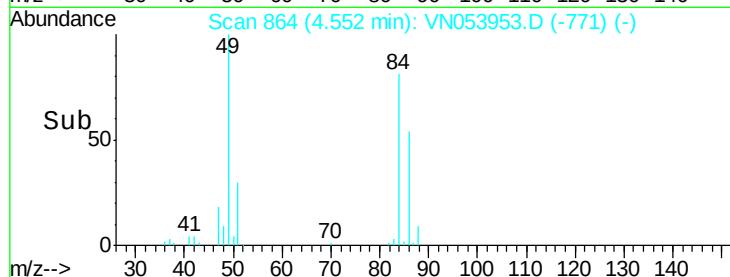
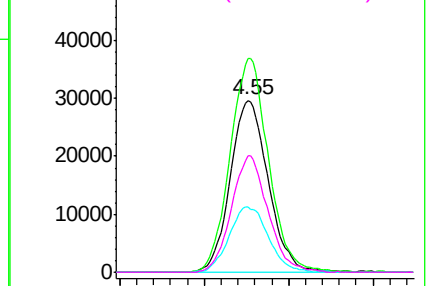


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#25

2-Butanone

Concen: 1.810 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN053953.D

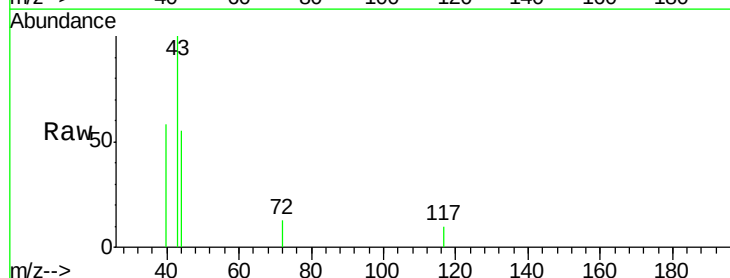
Acq: 26 Feb 2019 14:24

Tgt Ion: 43 Resp: 4777

Ion Ratio Lower Upper

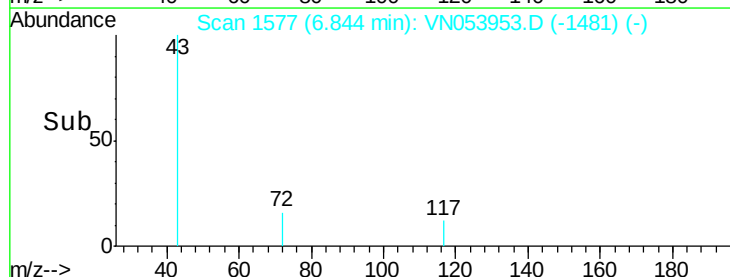
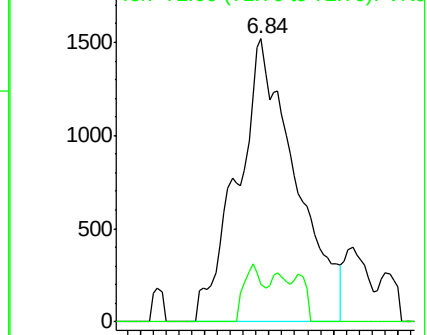
43 100

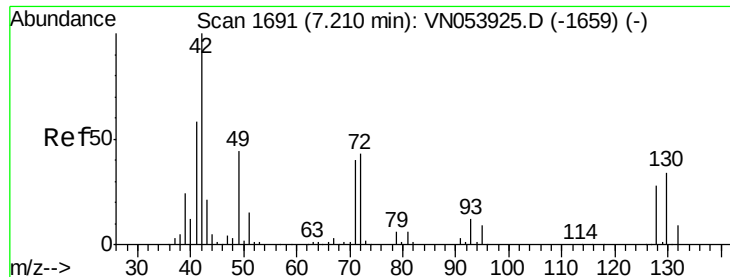
72 13.2 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO





#29

Tetrahydrofuran

Concen: 0.635 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

Instrument :

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ClientSampled :

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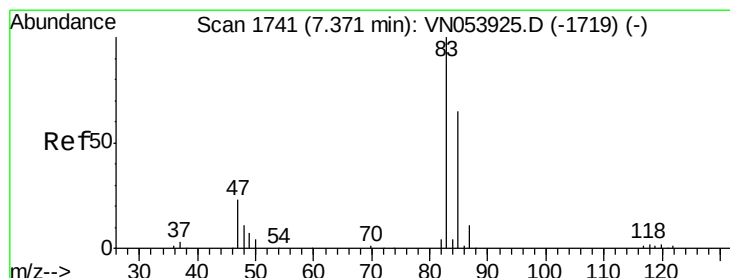
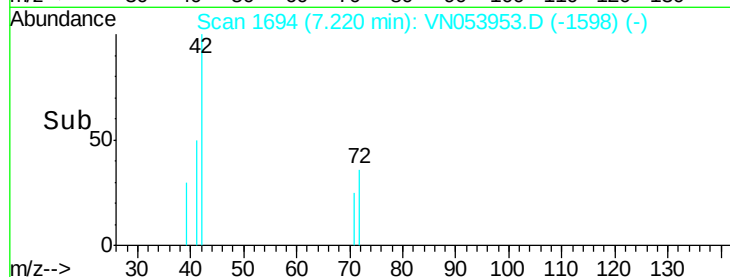
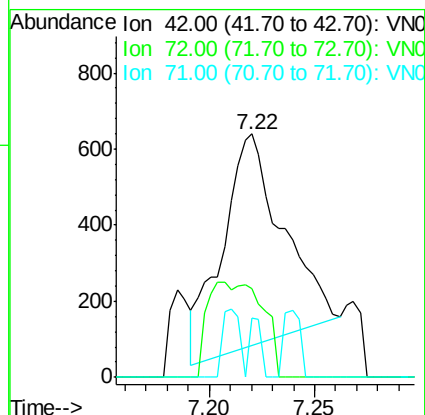
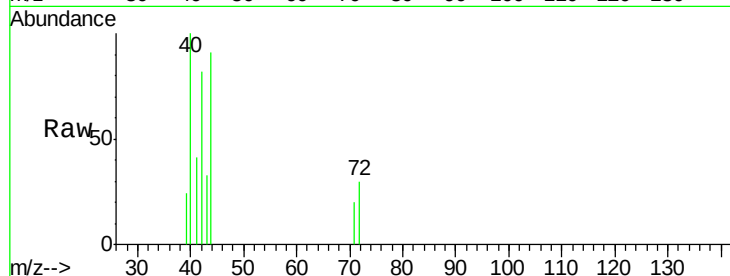
Tot Ion: 42 Resp: 1117

Ion Ratio Lower Upper

42 100

72 0.0 36.9 55.3#

71 5.4 34.6 52.0#



#30

Chloroform

Concen: 0.284 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VN053953.D

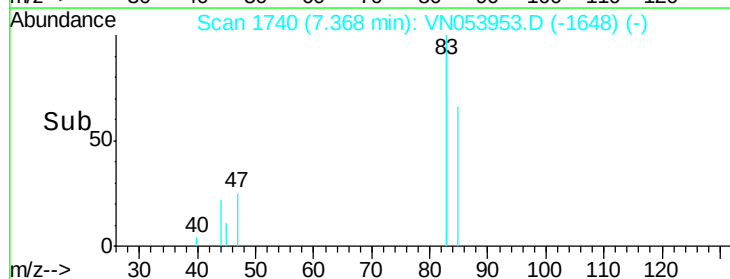
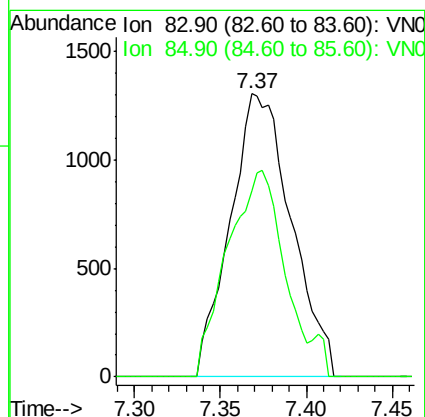
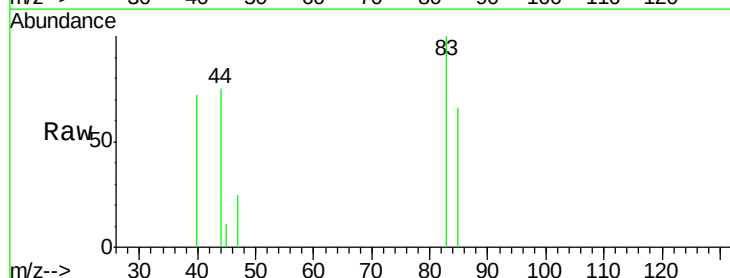
Acq: 26 Feb 2019 14:24

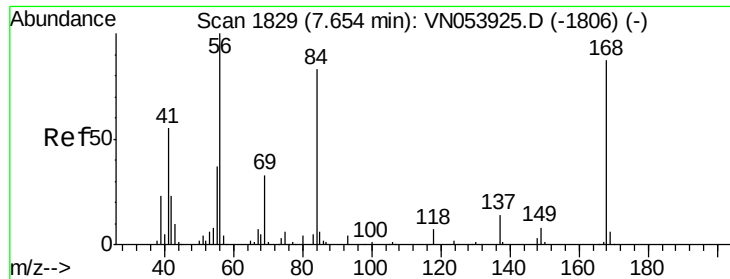
Tgt Ion: 83 Resp: 3232

Ion Ratio Lower Upper

83 100

85 65.8 52.6 78.8





#31

Cyclohexane

Concen: 0.676 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

TP-26

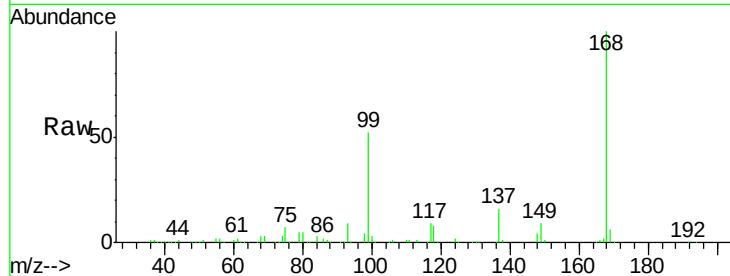
Tot Ion: 56 Resp: 11613

Ion Ratio Lower Upper

56 100

69 161.0 26.0 39.0#

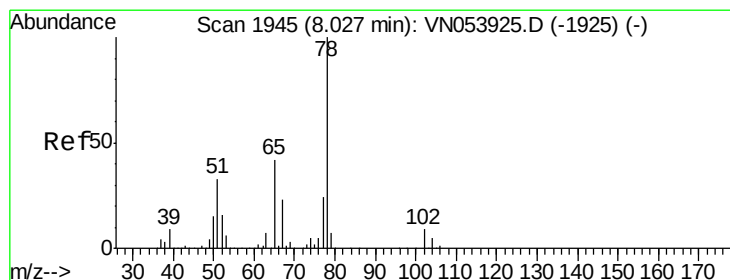
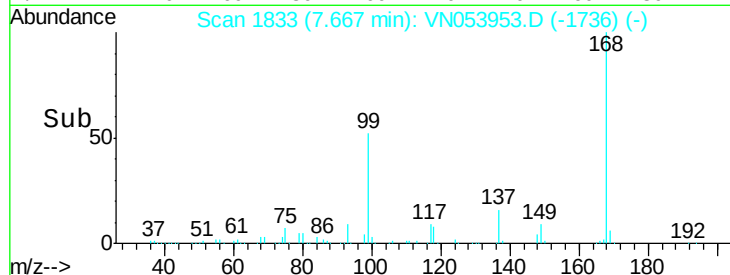
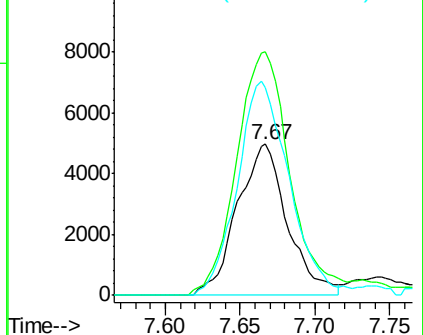
84 137.5 69.1 103.7#



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: 57.262 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053953.D

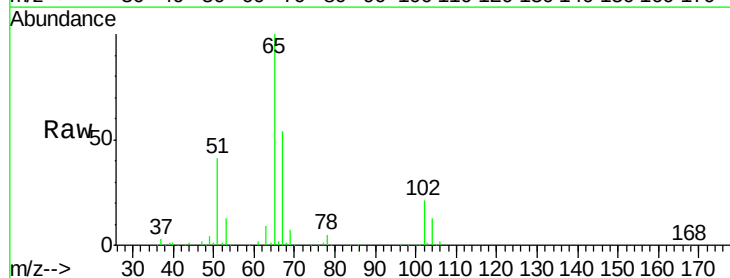
Acq: 26 Feb 2019 14:24

Tgt Ion: 65 Resp: 384991

Ion Ratio Lower Upper

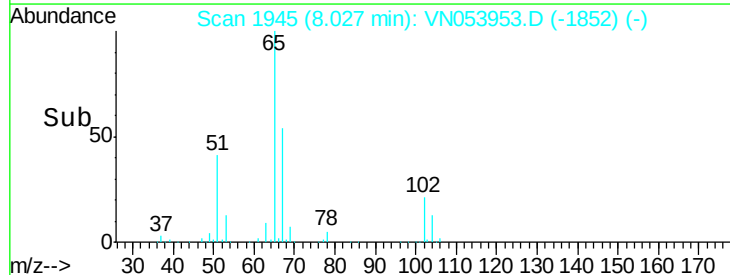
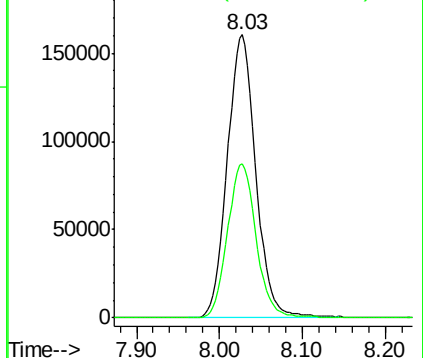
65 100

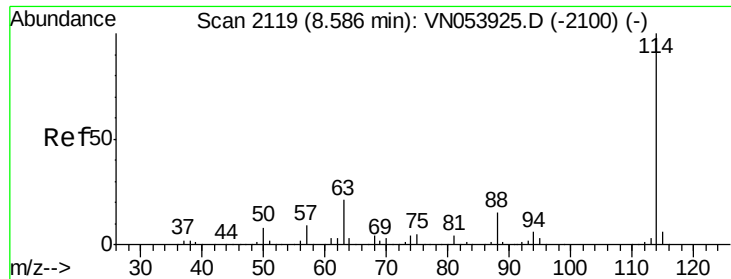
67 54.7 0.0 111.8



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: VN053953.D

Acq: 26 Feb 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

TP-26

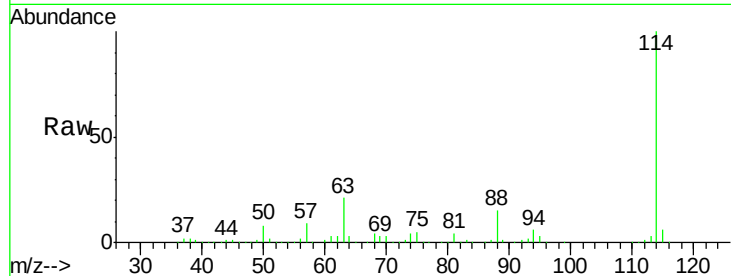
Tot Ion:114 Resp: 1092531

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.1 0.0 30.4



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

8.59

600000

500000

400000

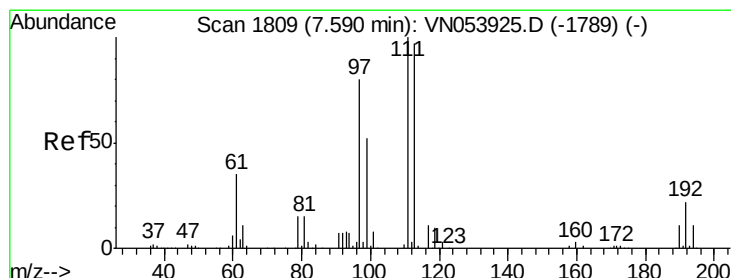
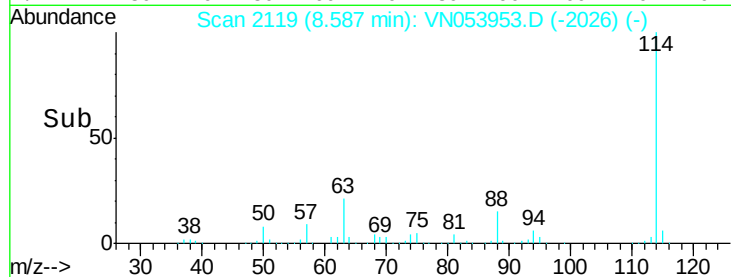
300000

200000

100000

0

Time--> 8.40 8.60 8.80



#35

Dibromofluoromethane

Concen: 50.260 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

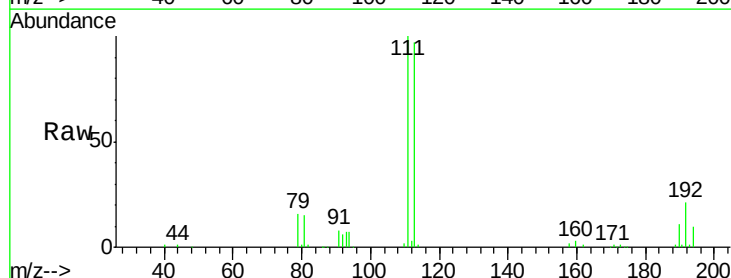
Tgt Ion:113 Resp: 355083

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

192 21.3 18.8 28.2



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

7.59

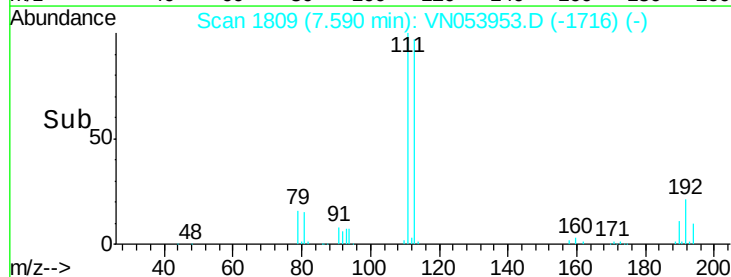
150000

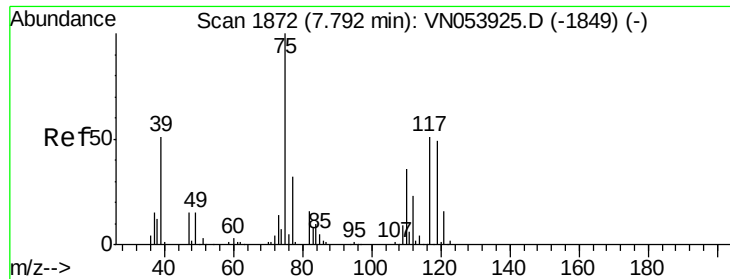
100000

50000

0

Time--> 7.50 7.60 7.70





#36

1,1-Dichloropropene

Concen: 3.880 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

TP-26

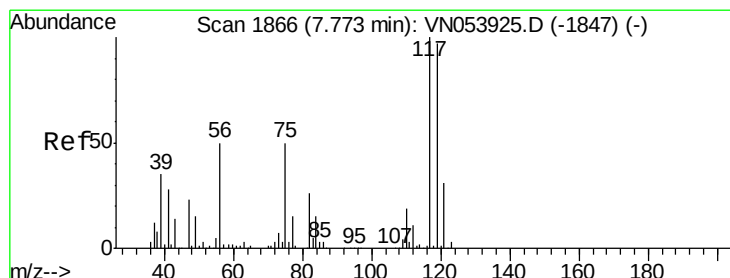
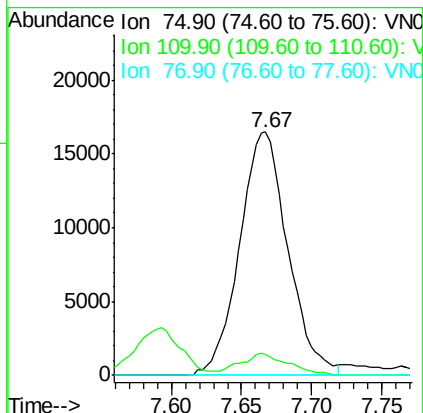
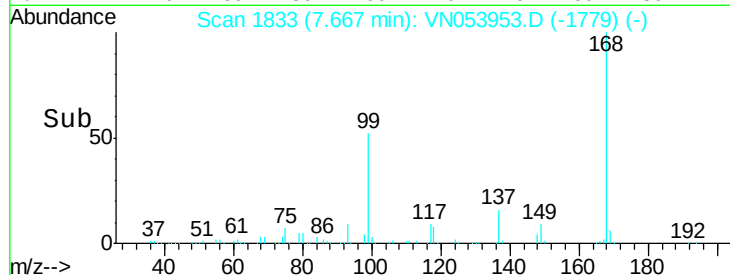
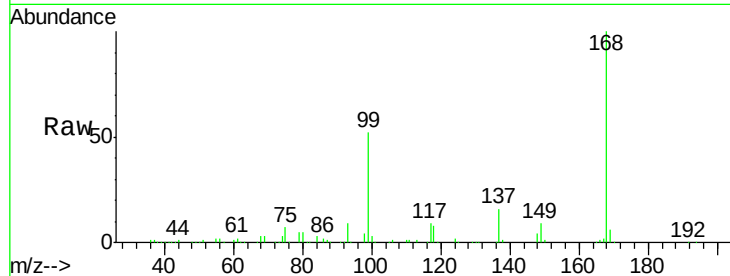
Tot Ion: 75 Resp: 39426

Ion Ratio Lower Upper

75 100

110 9.1 19.0 57.0#

77 0.0 25.4 38.0#



#38

Carbon Tetrachloride

Concen: 4.946 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

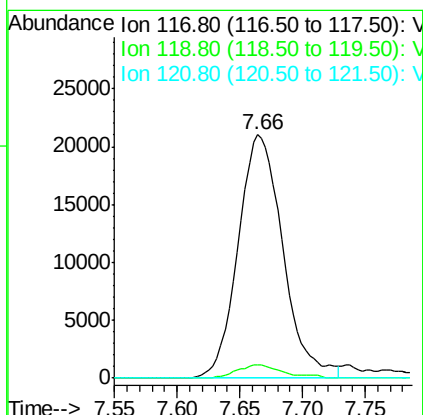
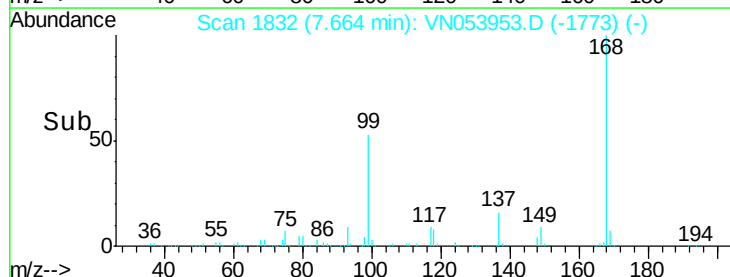
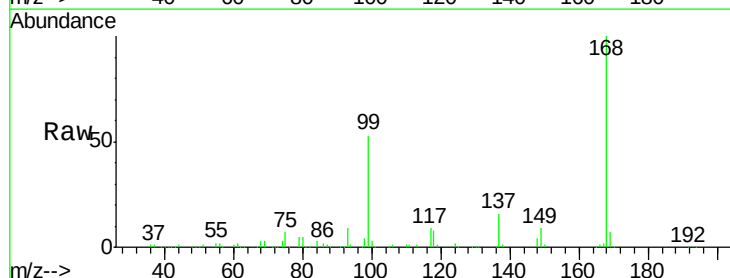
Tgt Ion: 117 Resp: 52266

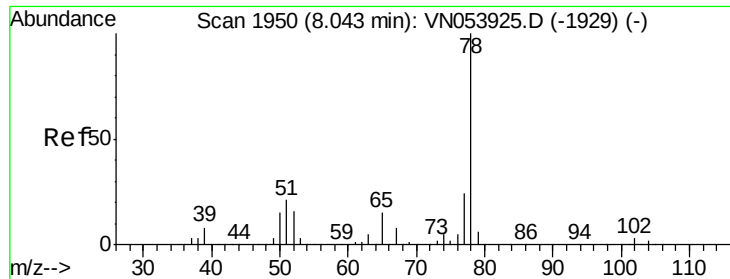
Ion Ratio Lower Upper

117 100

119 5.6 76.2 114.2#

121 0.0 24.6 36.8#





#40

Benzene

Concen: 0.790 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

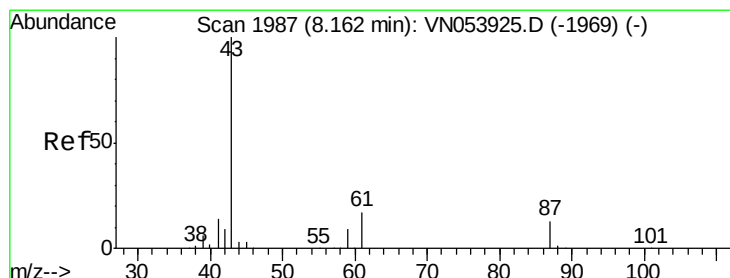
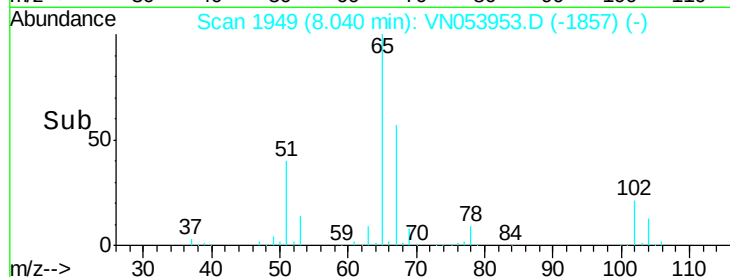
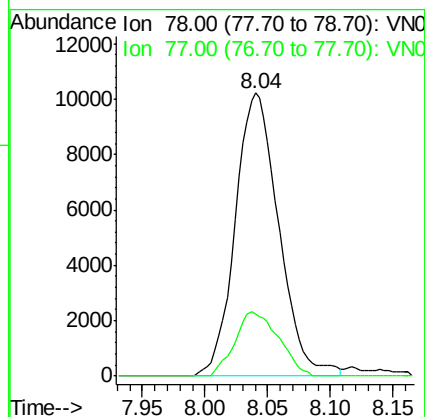
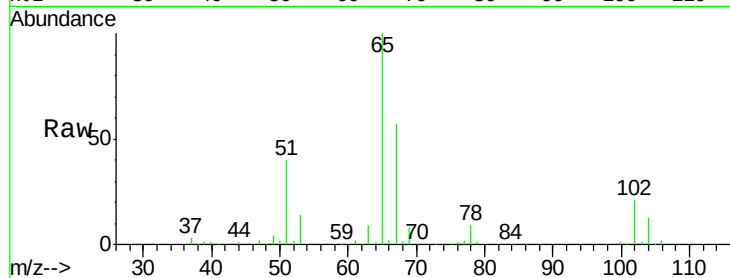
TP-26

Tot Ion: 78 Resp: 24659

Ion Ratio Lower Upper

78 100

77 21.8 18.8 28.2



#43

Isopropyl Acetate

Concen: 3.155 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

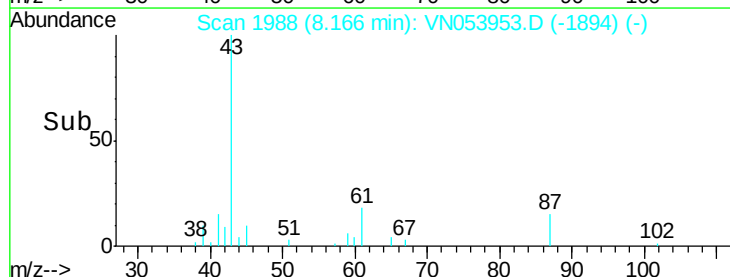
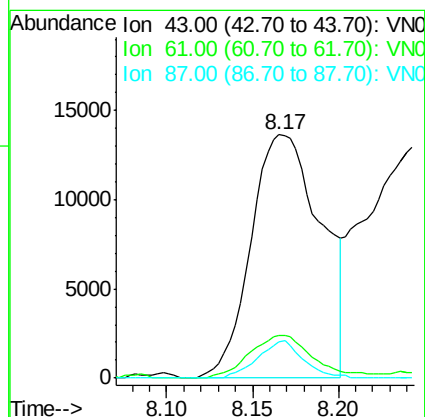
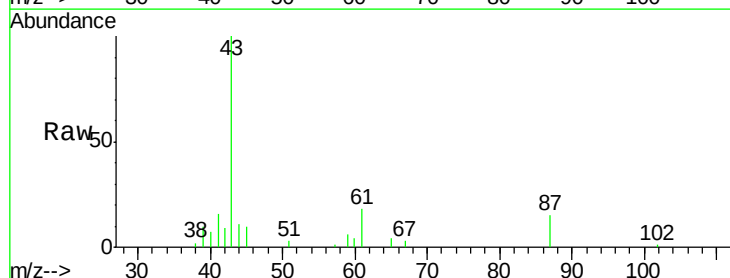
Tgt Ion: 43 Resp: 38647

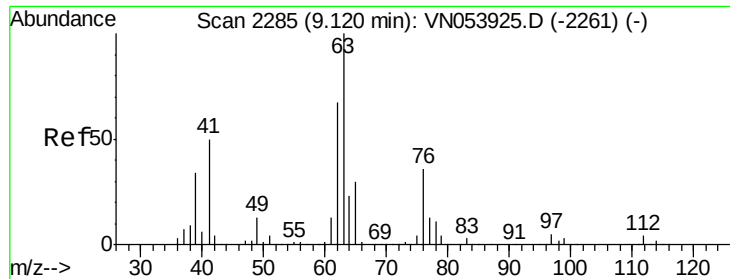
Ion Ratio Lower Upper

43 100

61 16.2 17.4 26.0#

87 10.0 11.5 17.3#

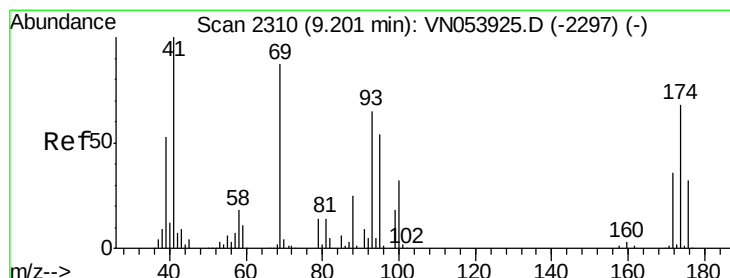
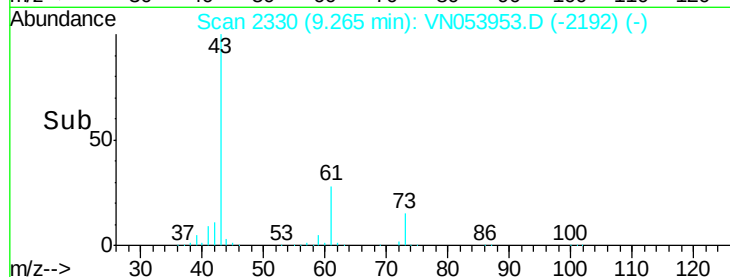
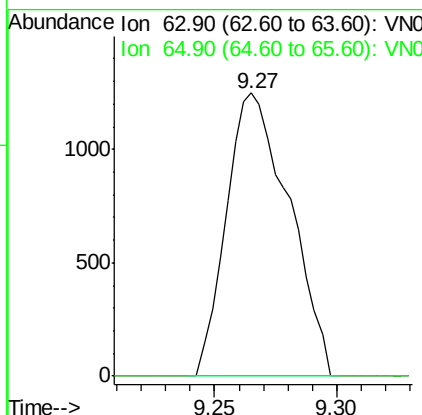
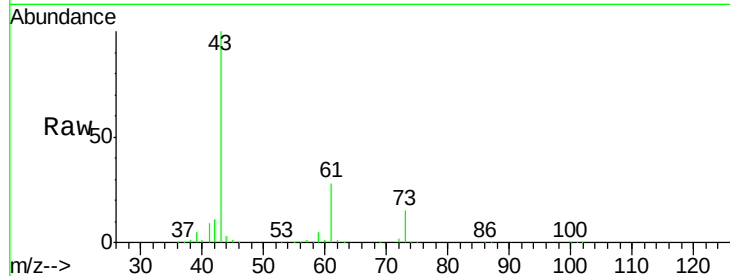




#45
 1,2-Dichloropropane
 Concen: 0.264 ug/l
 RT: 9.27 min Scan# 2330
 Delta R.T. 0.14 min
 Lab File: VN053953.D
 Acq: 26 Feb 2019 14:24

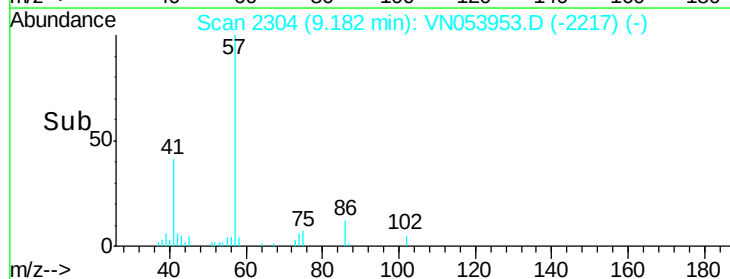
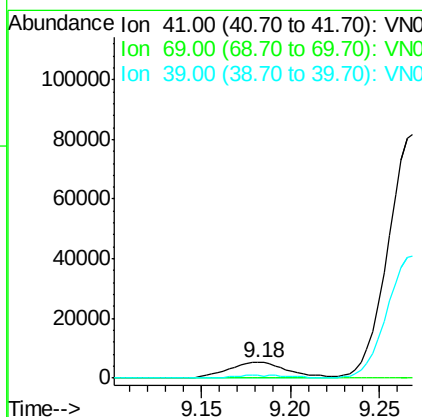
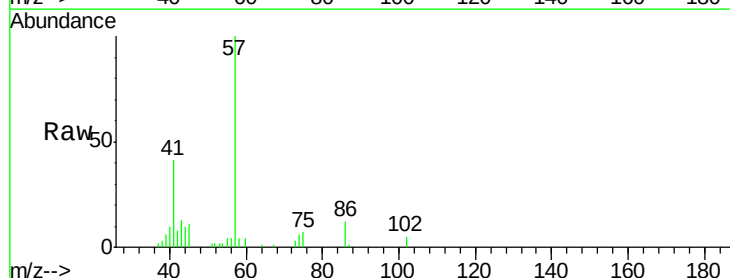
Instrument :
 MSVOA_N
 ClientSampled :
 TP-26

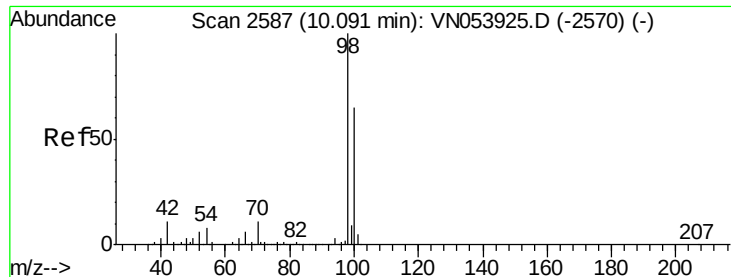
Tot Ion: 63 Resp: 2227
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.3 36.5#



#48
 Methyl methacrylate
 Concen: 1.983 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN053953.D
 Acq: 26 Feb 2019 14:24

Tgt Ion: 41 Resp: 11172
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.8 112.2#
 39 0.0 39.0 58.6#





#50

Toluene-d8

Concen: 52.342 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

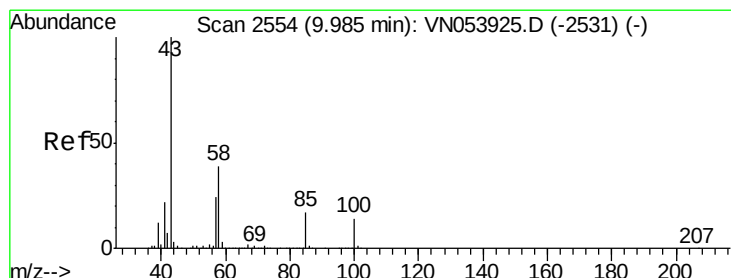
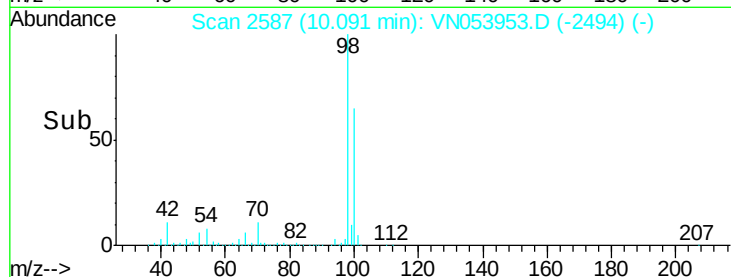
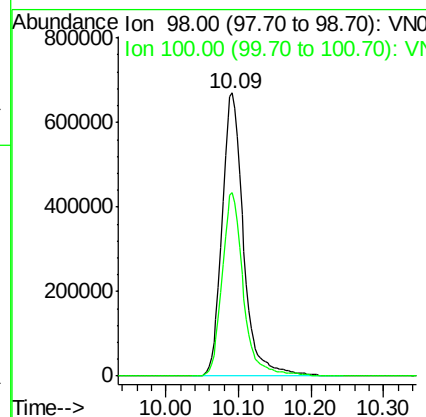
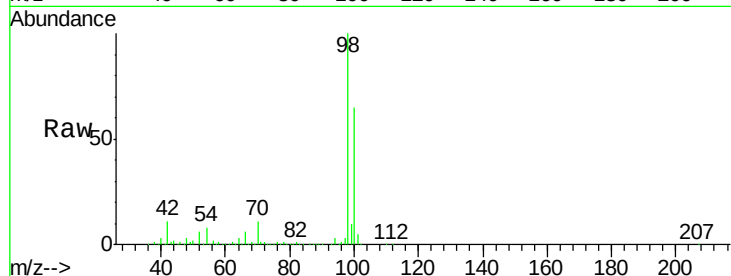
TP-26

Tot Ion: 98 Resp: 1376580

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 1.788 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN053953.D

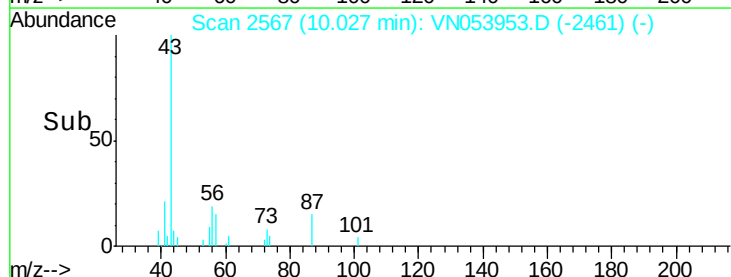
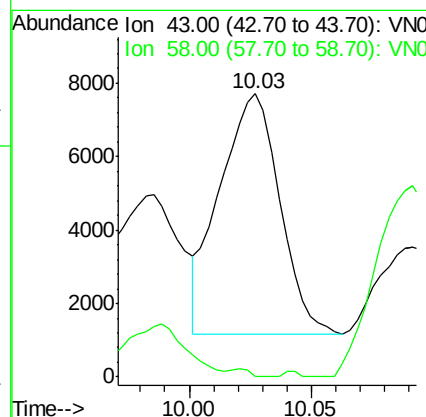
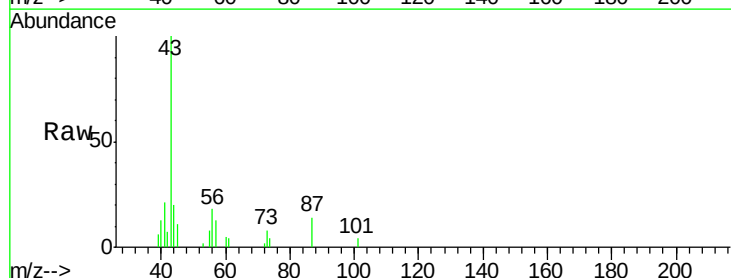
Acq: 26 Feb 2019 14:24

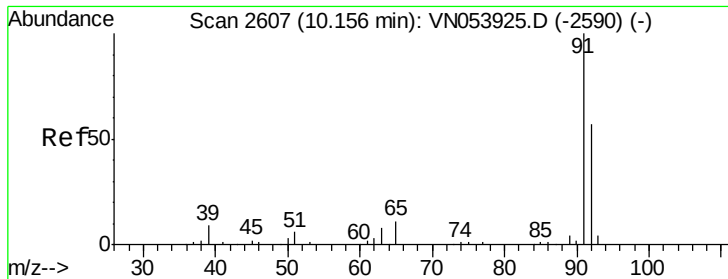
Tgt Ion: 43 Resp: 11252

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#





#52

Toluene

Concen: 1.722 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

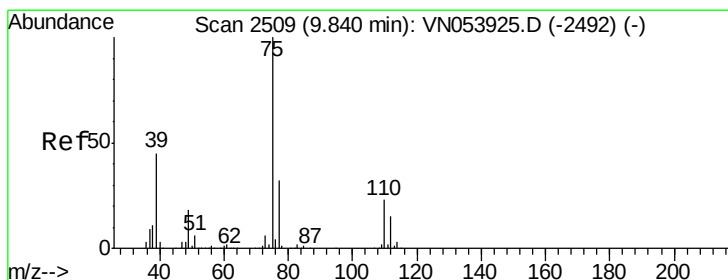
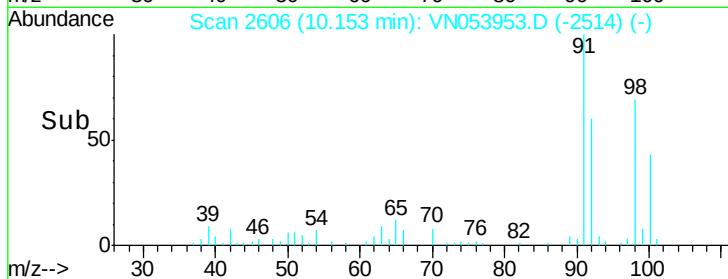
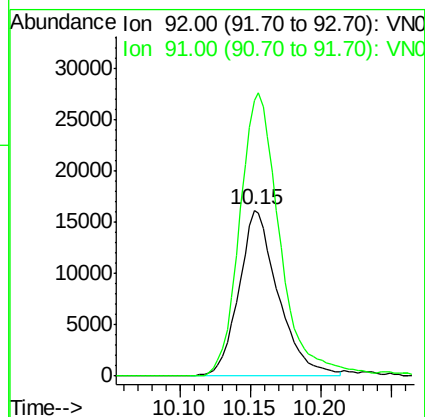
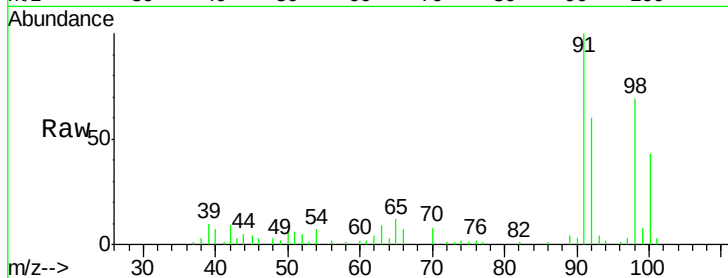
TP-26

Tot Ion: 92 Resp: 31651

Ion Ratio Lower Upper

92 100

91 174.2 138.4 207.6



#54

cis-1,3-Dichloropropene

Concen: 6.154 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

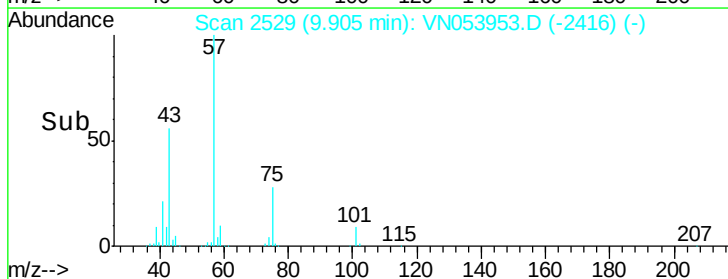
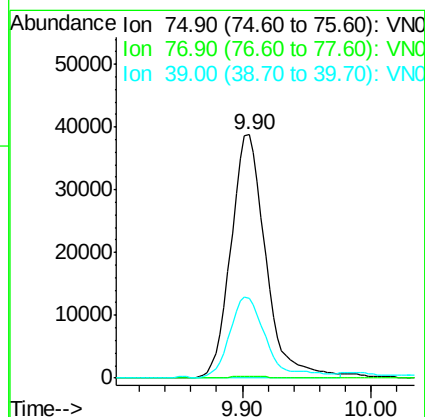
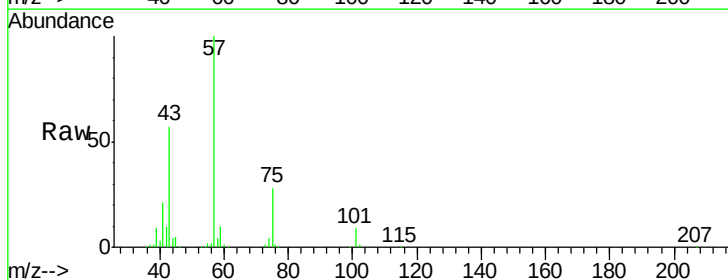
Tgt Ion: 75 Resp: 72726

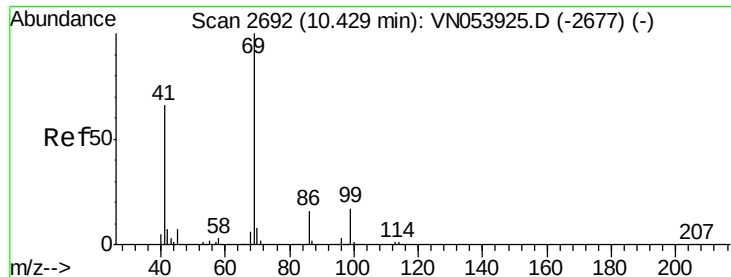
Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.6#

39 32.3 31.4 47.0





#56

Ethyl methacrylate

Concen: 2.122 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

TP-26

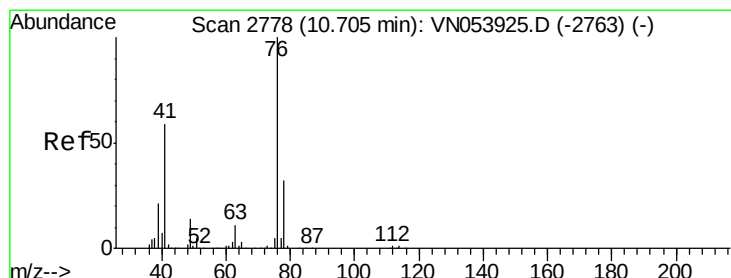
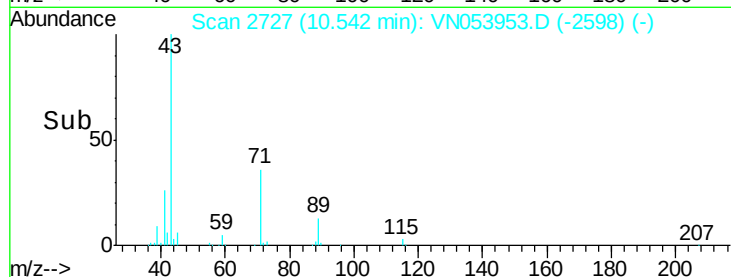
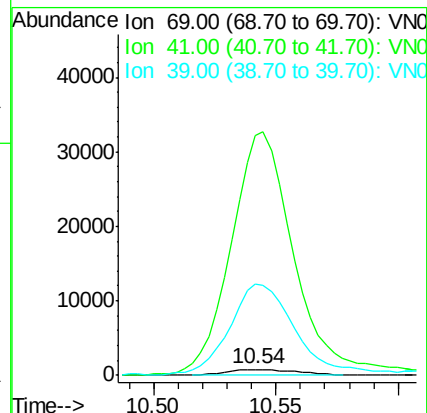
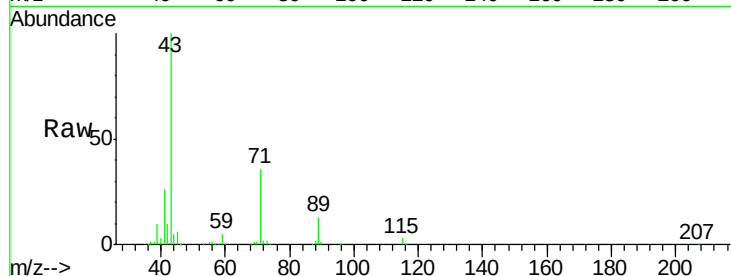
Tot Ion: 69 Resp: 1565

Ion Ratio Lower Upper

69 100

41 3771.0 47.5 71.3#

39 1483.7 23.4 35.0#



#57

1,3-Dichloropropane

Concen: 1.167 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053953.D

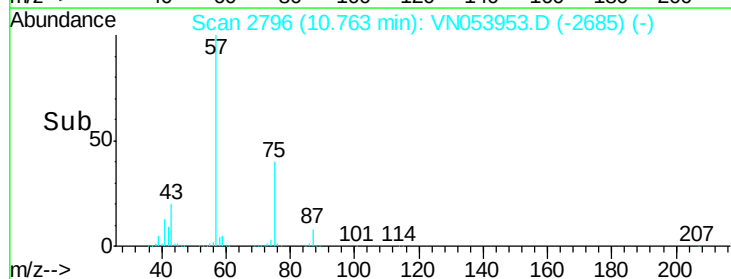
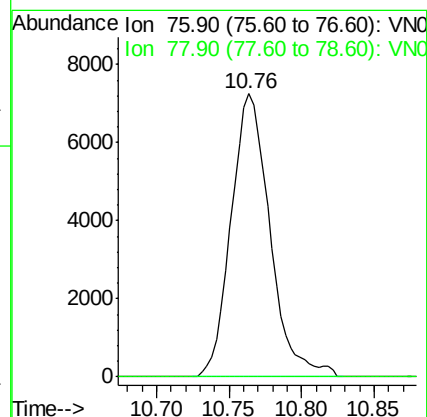
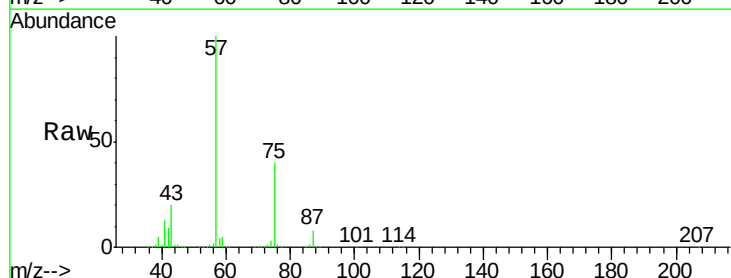
Acq: 26 Feb 2019 14:24

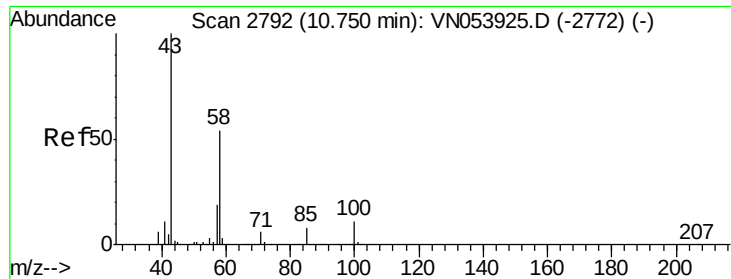
Tgt Ion: 76 Resp: 13532

Ion Ratio Lower Upper

76 100

78 0.0 25.2 37.8#

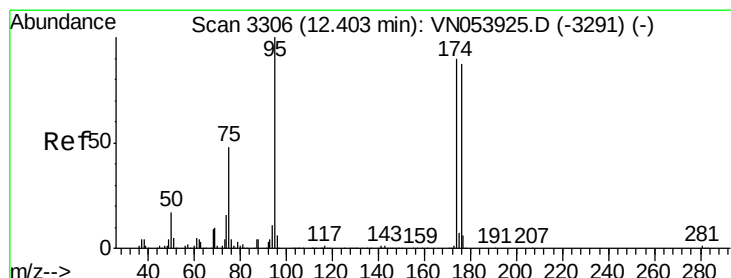
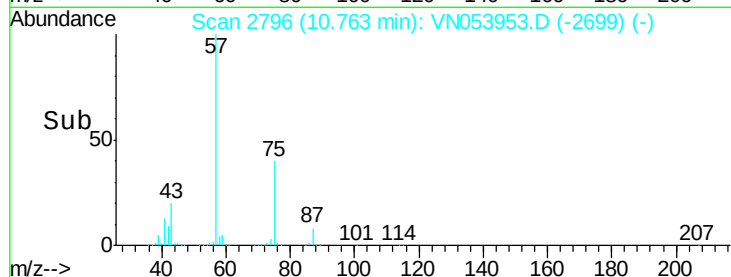
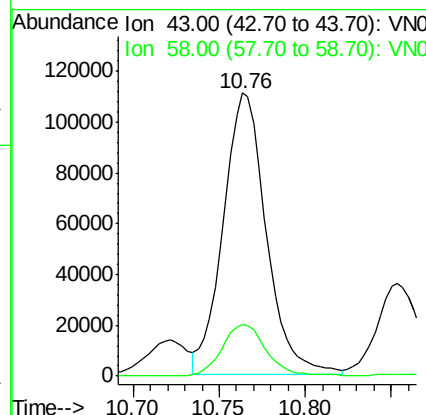
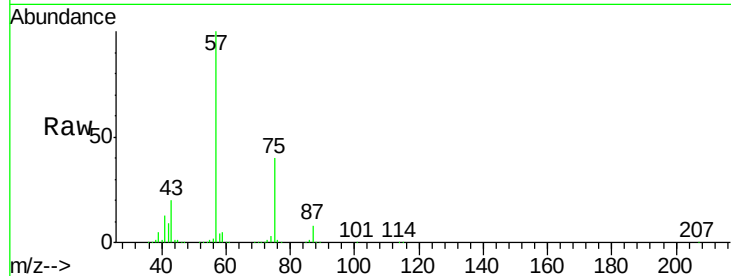




#59
2-Hexanone
Concen: 47.294 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

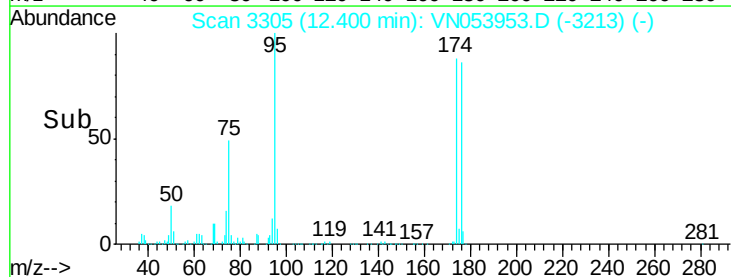
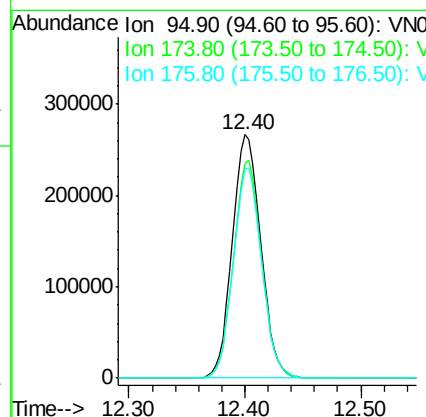
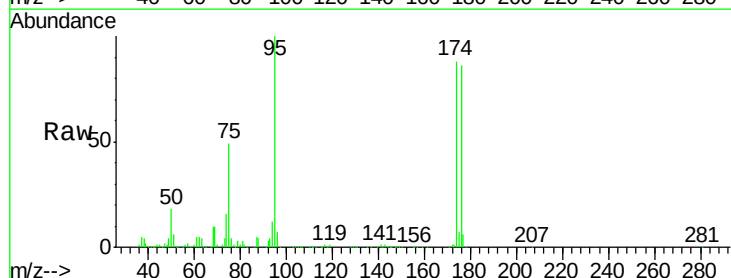
Instrument :
MSVOA_N
ClientSampled :
TP-26

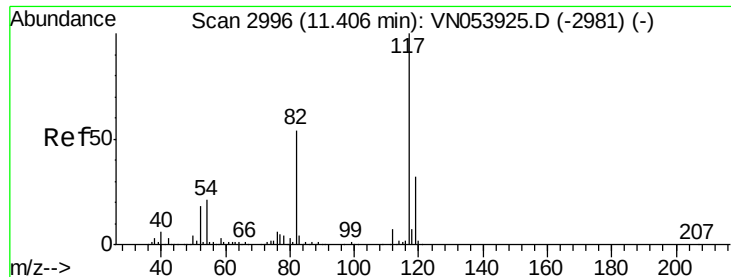
Tot Ion: 43 Resp: 193610
Ion Ratio Lower Upper
43 100
58 19.0 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 51.488 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Tgt Ion: 95 Resp: 451155
Ion Ratio Lower Upper
95 100
174 88.0 0.0 188.8
176 85.9 0.0 182.6

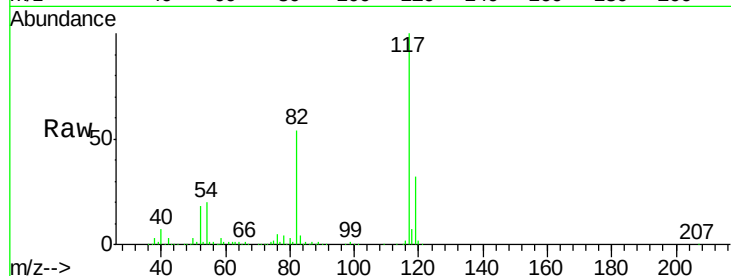




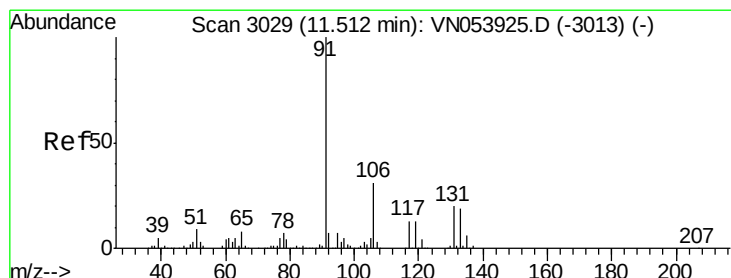
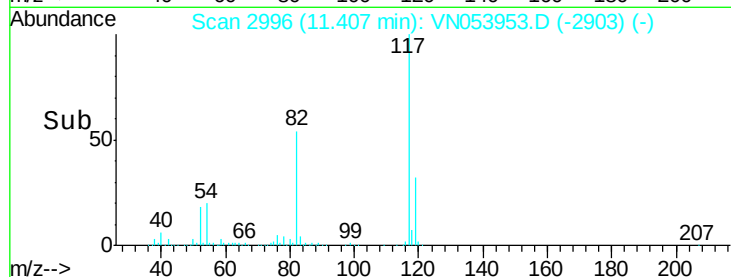
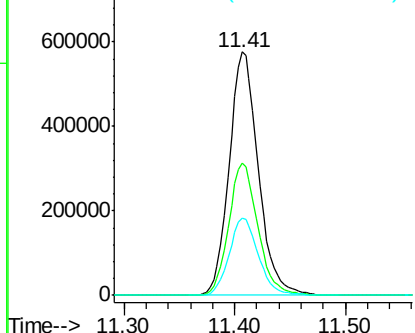
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Instrument :
MSVOA_N
ClientSampled :
TP-26

Tot Ion:117 Resp: 1059093
Ion Ratio Lower Upper
117 100
82 54.4 41.4 62.2
119 31.9 25.3 37.9

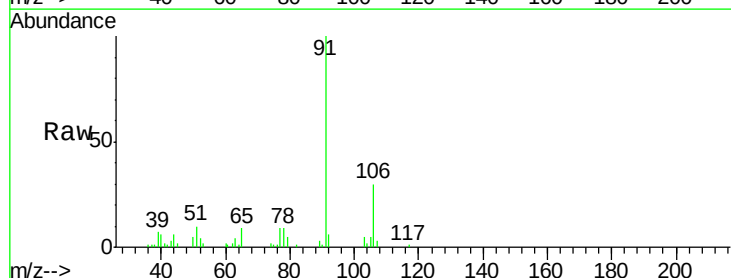


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

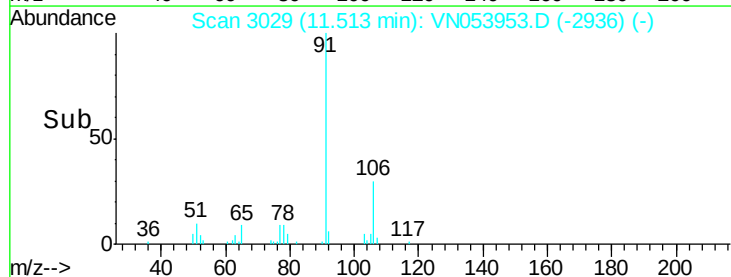
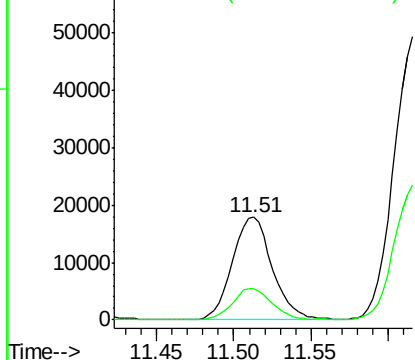


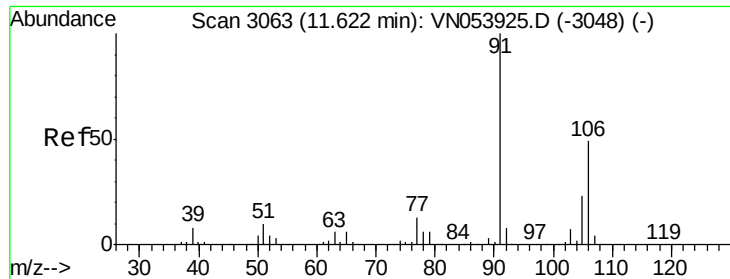
#67
Ethyl Benzene
Concen: 0.859 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Tgt Ion: 91 Resp: 32184
Ion Ratio Lower Upper
91 100
106 30.3 25.2 37.8



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

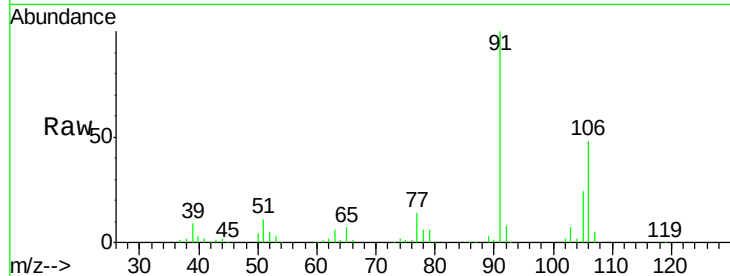




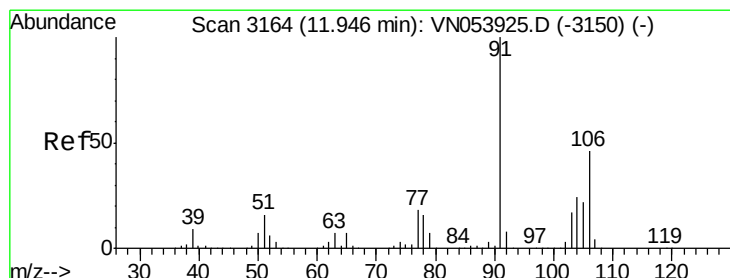
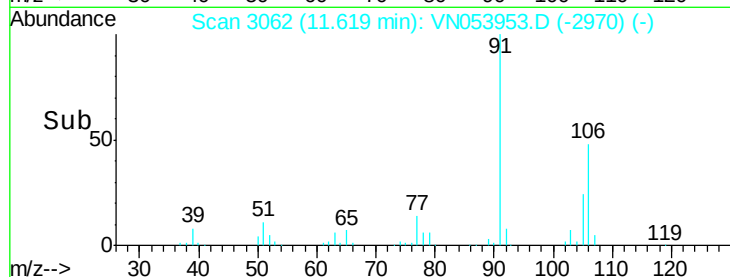
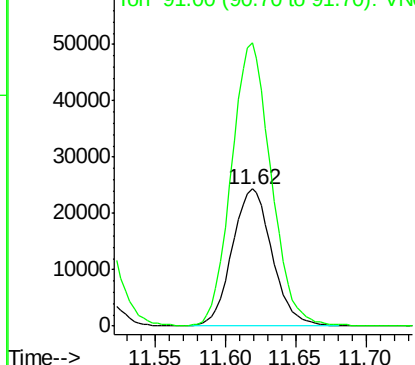
#68
m/p-Xylenes
Concen: 3.413 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Instrument :
MSVOA_N
ClientSampled :
TP-26

Tot Ion:106 Resp: 48270
Ion Ratio Lower Upper
106 100
91 205.4 158.9 238.3

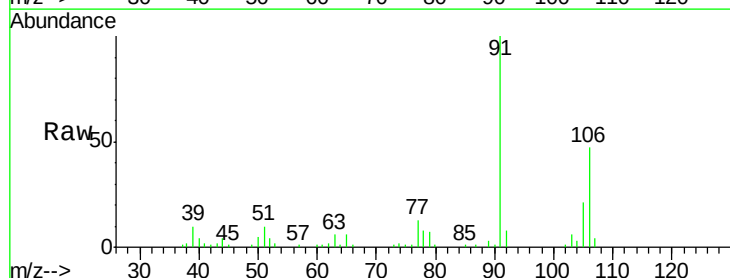


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

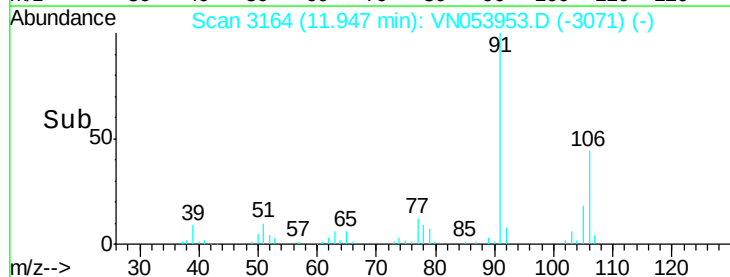
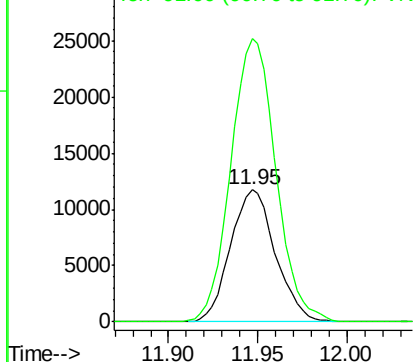


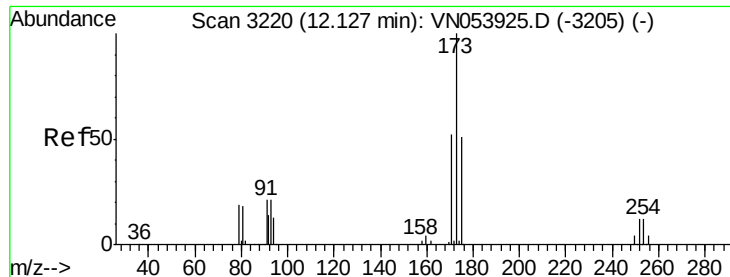
#69
o-Xylene
Concen: 1.488 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Tgt Ion:106 Resp: 20679
Ion Ratio Lower Upper
106 100
91 214.4 106.0 318.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 0.628 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

TP-26

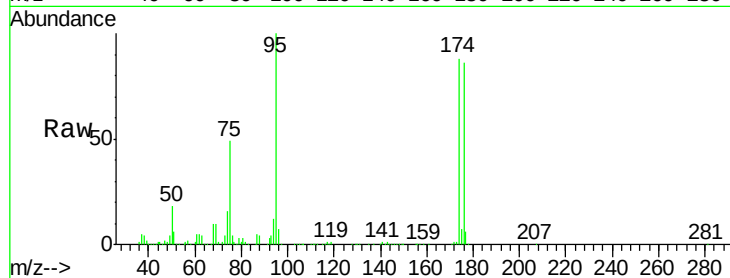
Tot Ion:173 Resp: 3519

Ion Ratio Lower Upper

173 100

175 711.1 24.3 72.8#

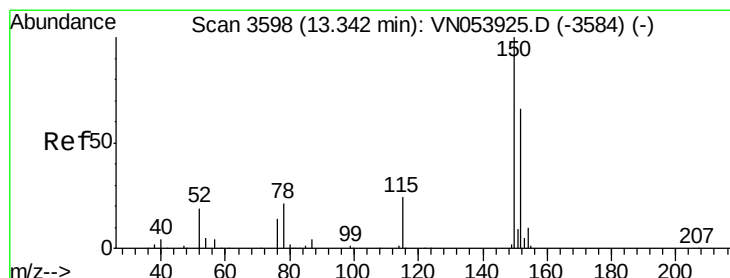
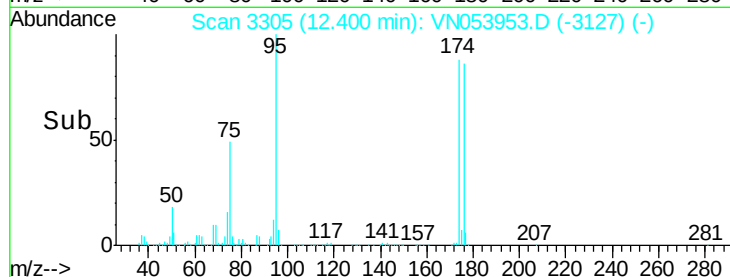
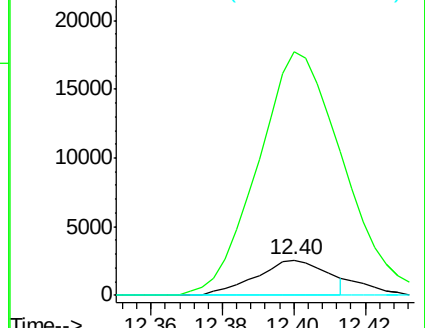
254 0.0 0.2 0.2#



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: VN053953.D

Acq: 26 Feb 2019 14:24

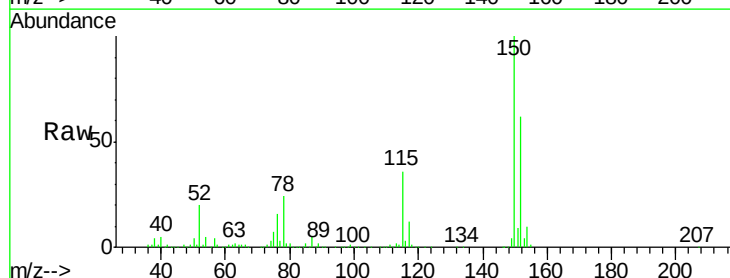
Tgt Ion:152 Resp: 388949

Ion Ratio Lower Upper

152 100

115 57.0 27.2 81.6

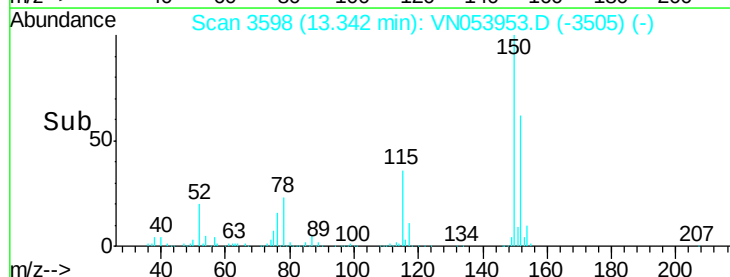
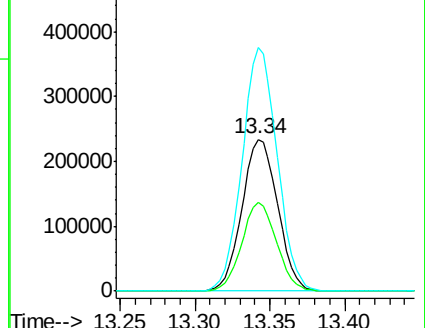
150 157.4 0.0 348.2

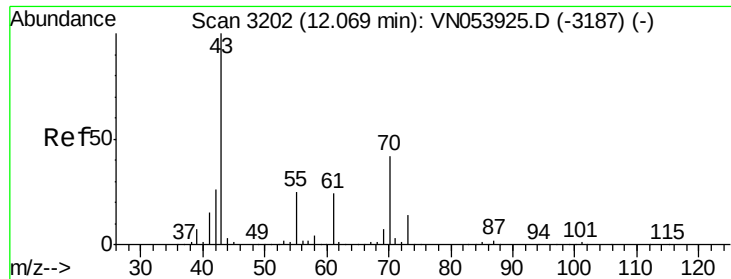


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 1.937 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

TP-26

Tot Ion: 43 Resp: 15372

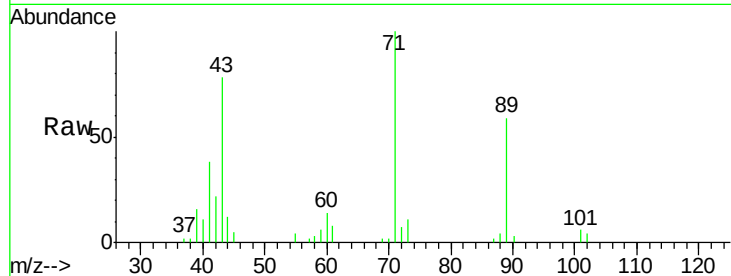
Ion Ratio Lower Upper

43 100

70 1.5 37.4 56.2#

55 6.2 21.4 32.0#

61 9.9 20.9 31.3#

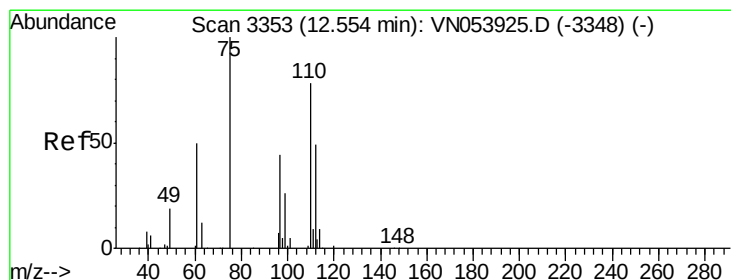
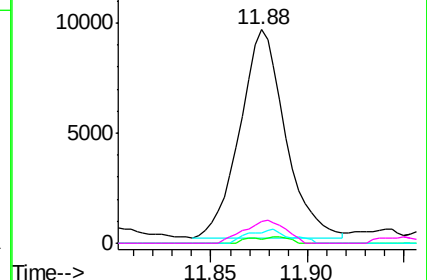
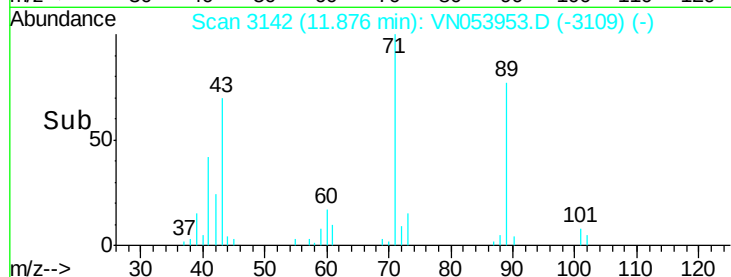


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 35.058 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053953.D

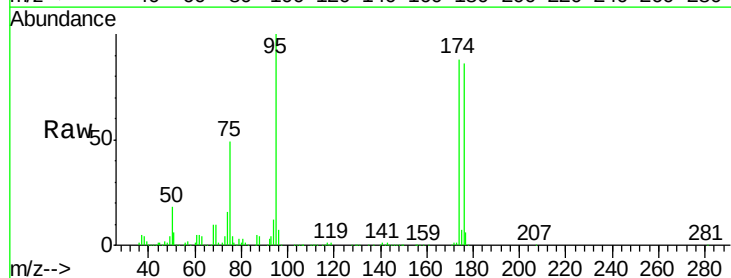
Acq: 26 Feb 2019 14:24

Tgt Ion: 75 Resp: 218743

Ion Ratio Lower Upper

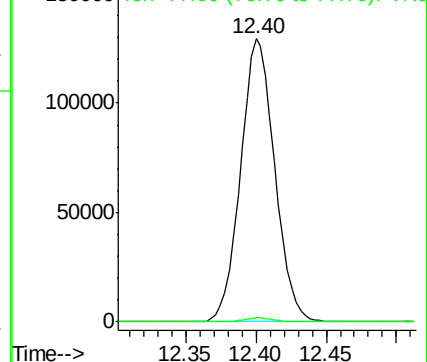
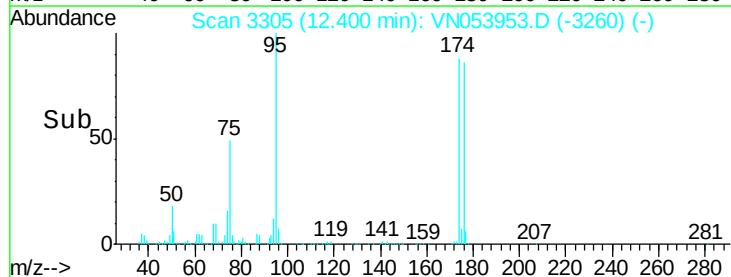
75 100

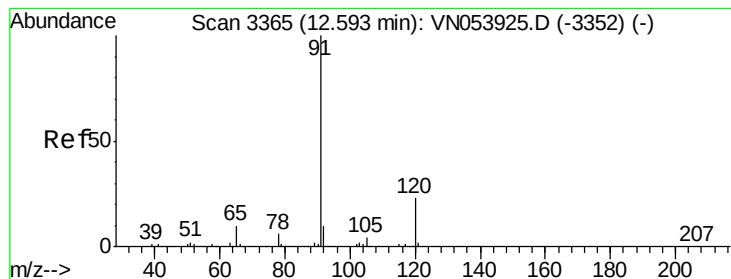
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 0.511 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

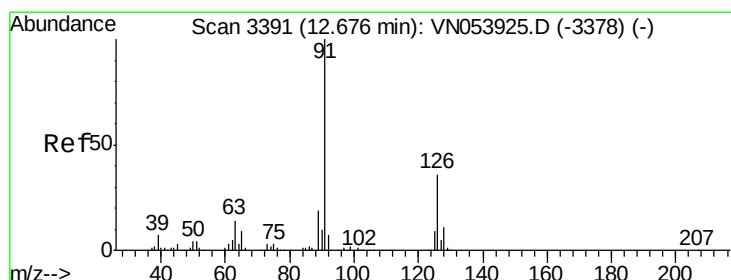
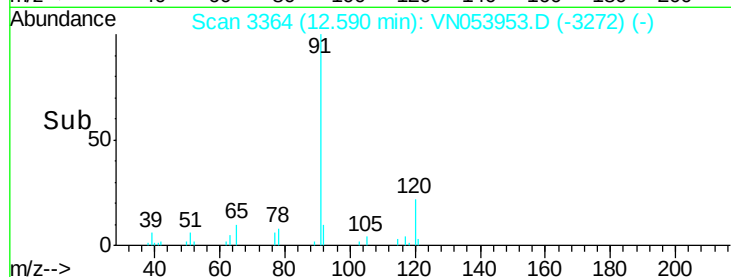
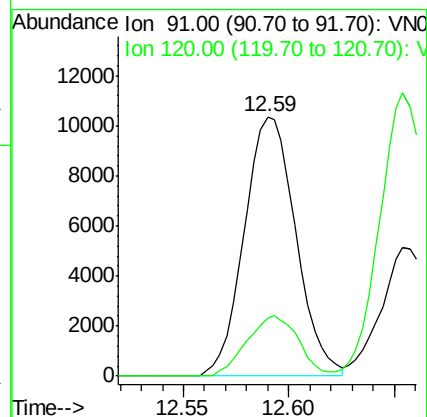
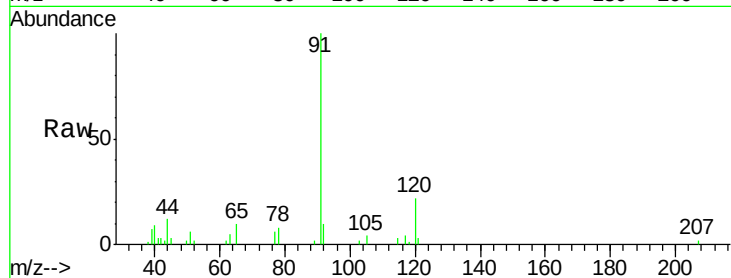
TP-26

Tot Ion: 91 Resp: 17602

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.9



#79

2-Chlorotoluene

Concen: 0.414 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN053953.D

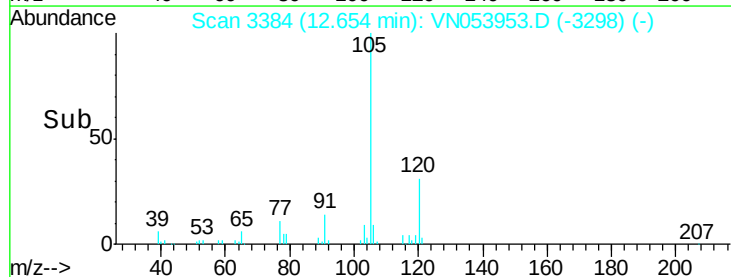
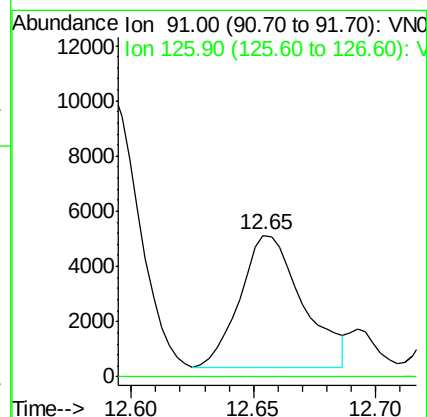
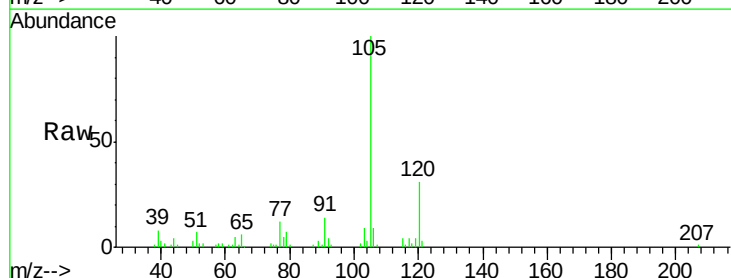
Acq: 26 Feb 2019 14:24

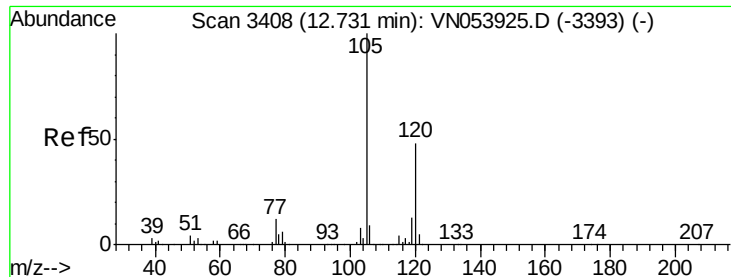
Tgt Ion: 91 Resp: 8555

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#

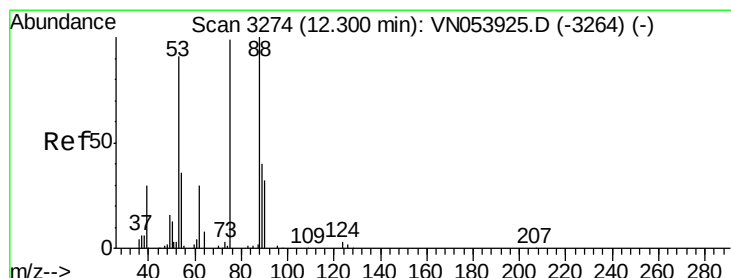
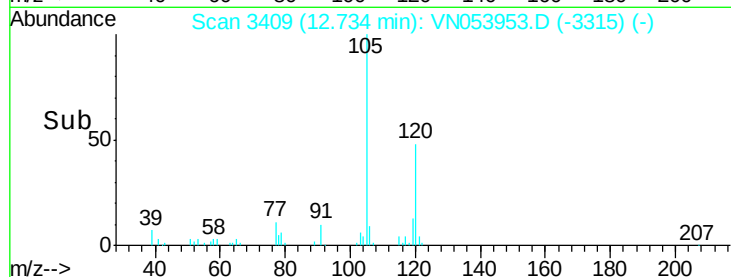
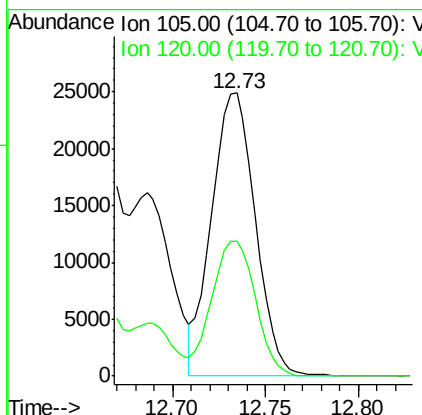
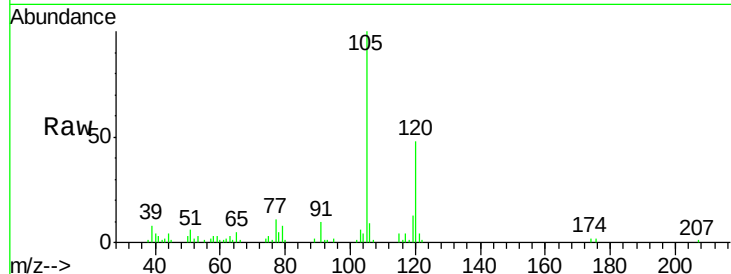




#80
 1,3,5-Trimethylbenzene
 Concen: 1.653 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053953.D
 Acq: 26 Feb 2019 14:24

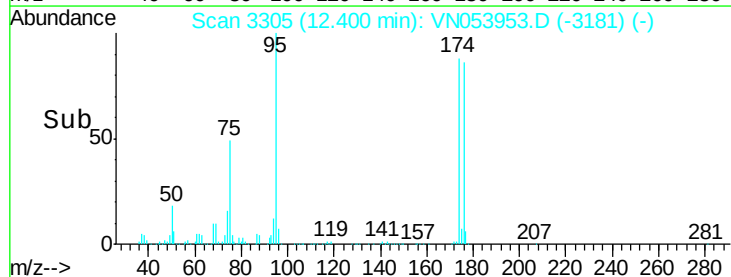
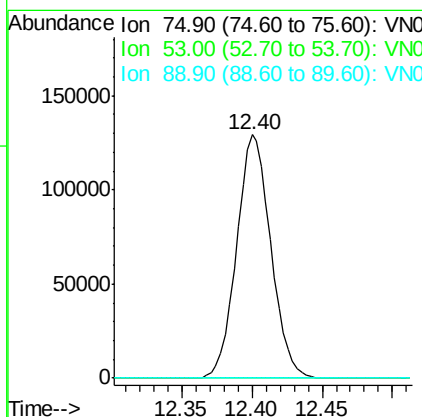
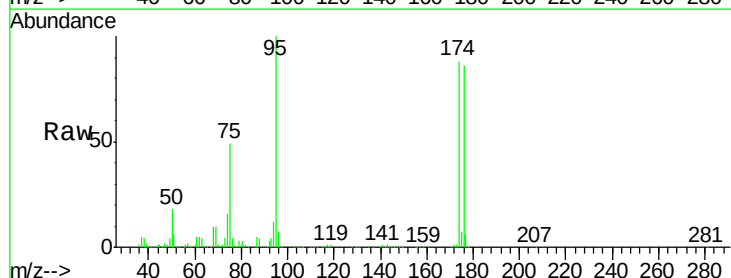
Instrument :
 MSVOA_N
 ClientSampled :
 TP-26

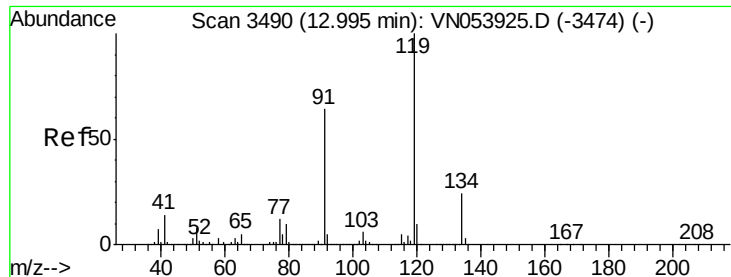
Tot Ion:105 Resp: 40971
 Ion Ratio Lower Upper
 105 100
 120 47.5 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.806 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN053953.D
 Acq: 26 Feb 2019 14:24

Tgt Ion: 75 Resp: 218743
 Ion Ratio Lower Upper
 75 100
 53 0.1 68.6 102.8#
 89 0.0 35.3 52.9#

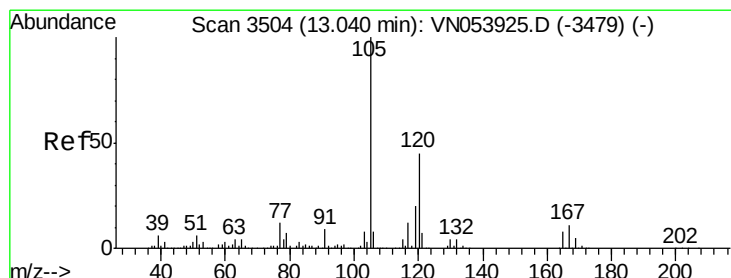
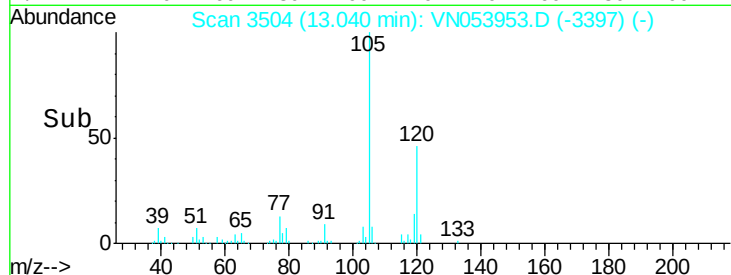
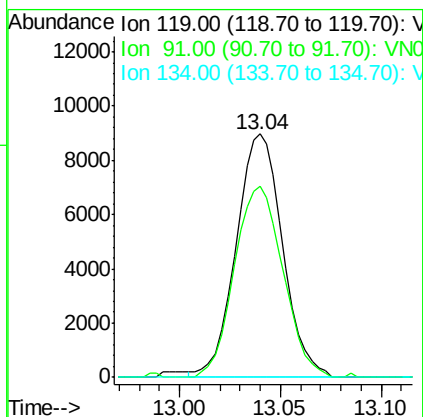
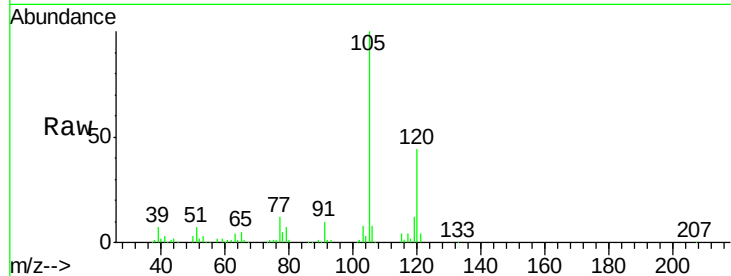




#83
 tert-Butylbenzene
 Concen: 0.660 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN053953.D
 Acq: 26 Feb 2019 14:24

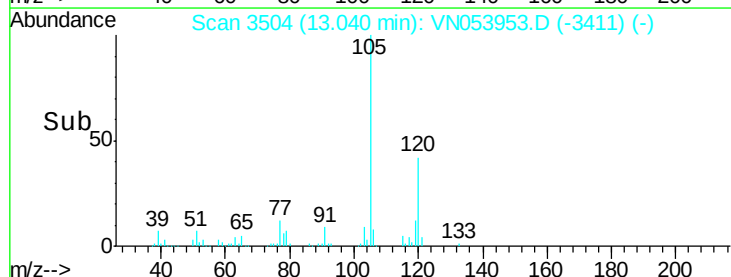
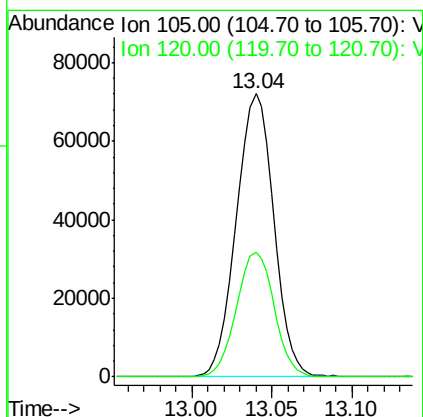
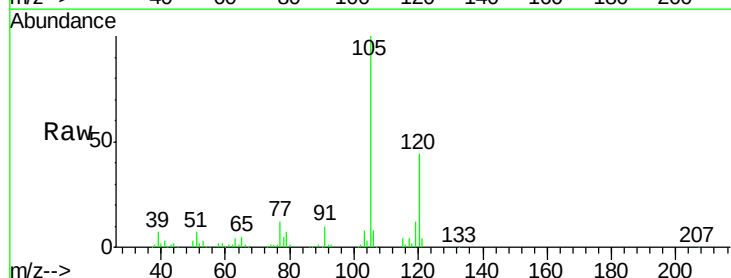
Instrument :
 MSVOA_N
 ClientSampled :
 TP-26

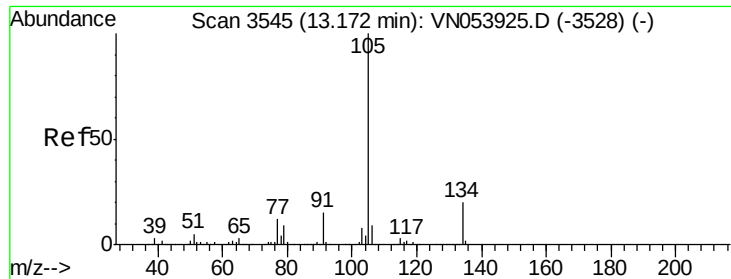
Tot Ion:119 Resp: 14461
 Ion Ratio Lower Upper
 119 100
 91 82.3 30.6 91.8
 134 0.0 13.0 39.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 4.645 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053953.D
 Acq: 26 Feb 2019 14:24

Tgt Ion:105 Resp: 114943
 Ion Ratio Lower Upper
 105 100
 120 44.4 23.2 69.5





#85

sec-Butylbenzene

Concen: 3.839 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN053953.D

Acq: 26 Feb 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

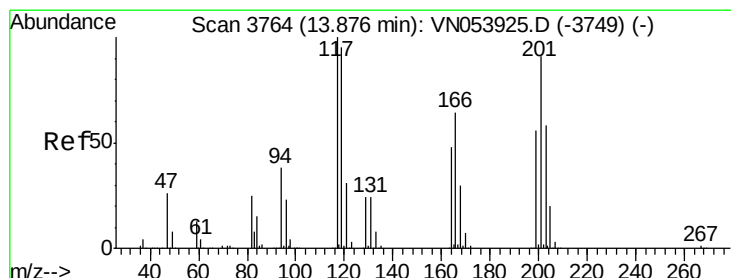
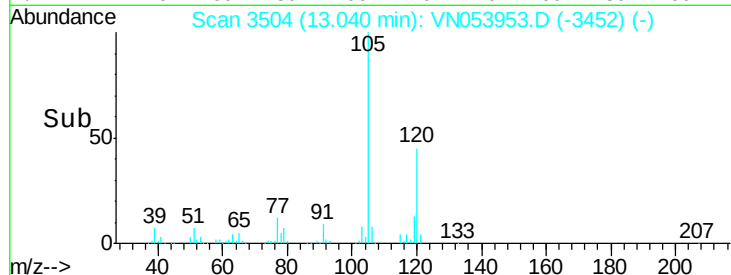
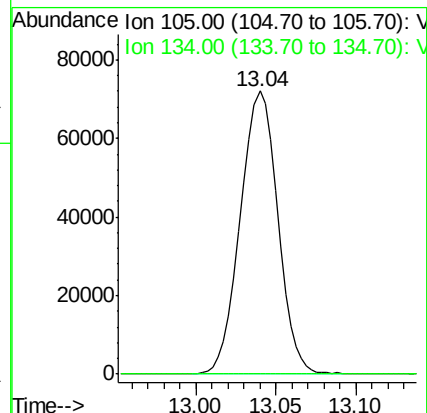
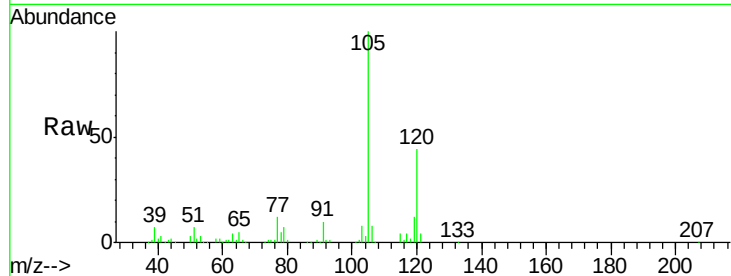
TP-26

Tot Ion:105 Resp: 114943

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#



#90

Hexachloroethane

Concen: 0.310 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053953.D

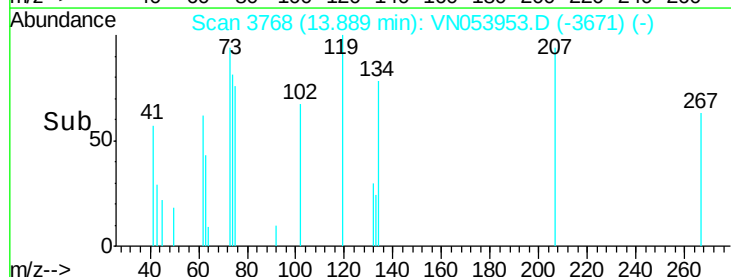
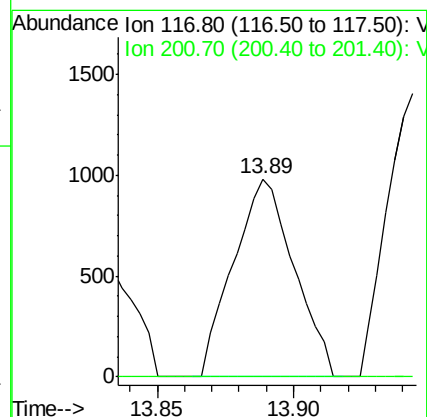
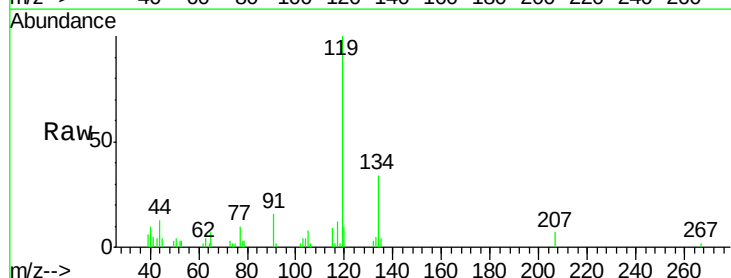
Acq: 26 Feb 2019 14:24

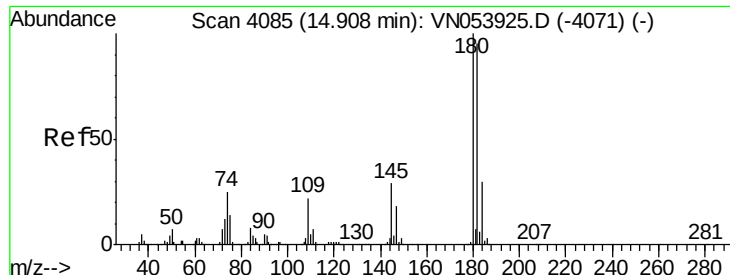
Tgt Ion:117 Resp: 1519

Ion Ratio Lower Upper

117 100

201 0.0 48.0 144.2#

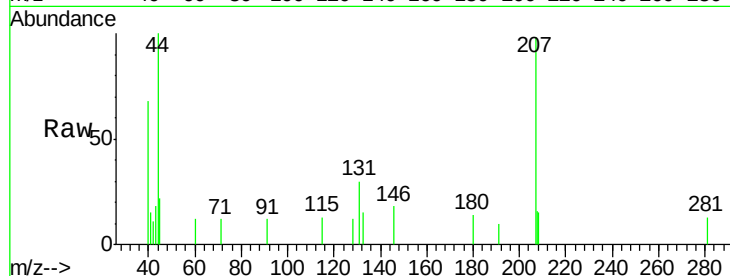




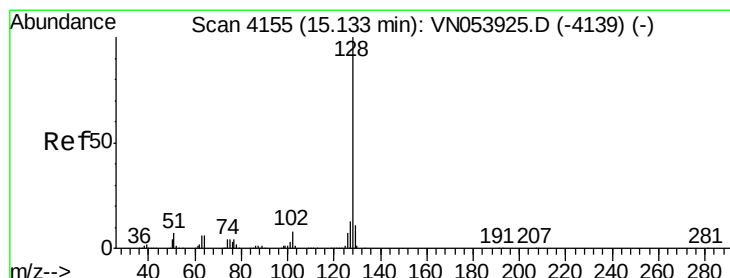
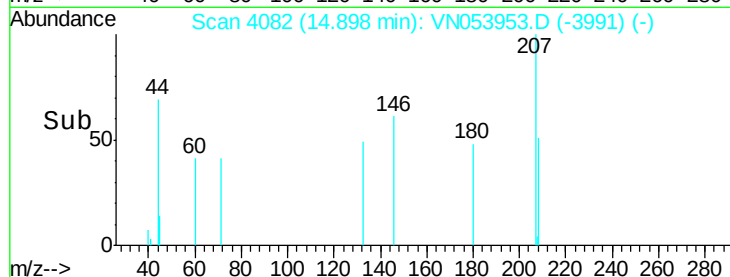
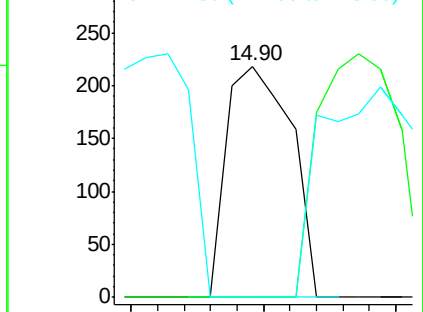
#93
 1,2,4-Trichlorobenzene
 Concen: 2.242 ug/l
 RT: 14.90 min Scan# 4082
 Delta R.T. -0.01 min
 Lab File: VN053953.D
 Acq: 26 Feb 2019 14:24

Instrument :
 MSVOA_N
 ClientSampled :
 TP-26

Tot Ion:180 Resp: 148
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.6 145.9#
 145 138.5 13.8 41.3#

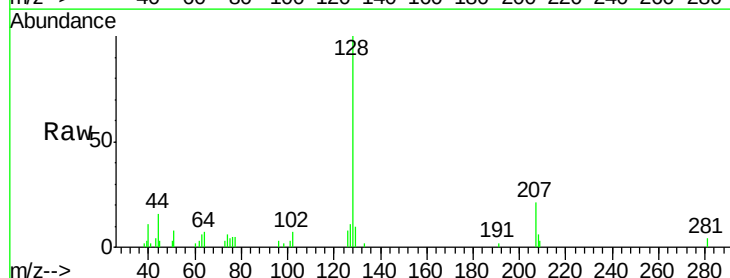


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

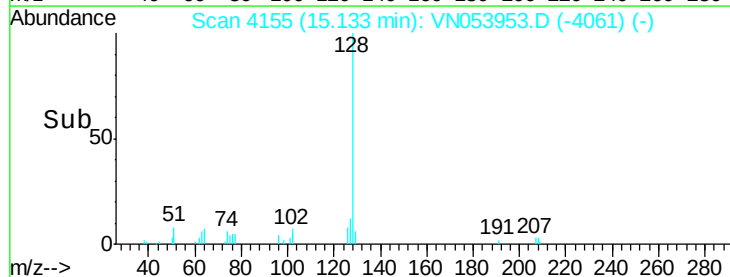
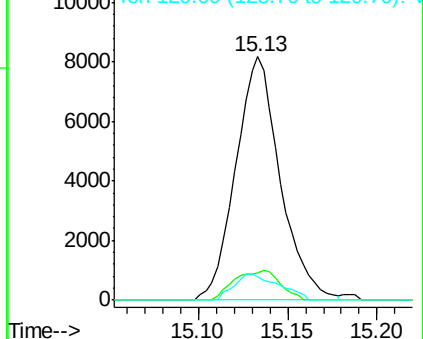


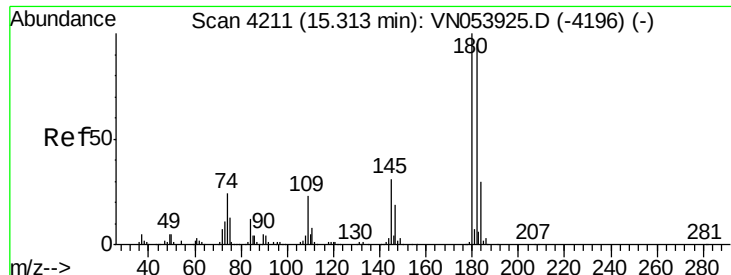
#95
 Naphthalene
 Concen: 4.070 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053953.D
 Acq: 26 Feb 2019 14:24

Tgt Ion:128 Resp: 14128
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.2 15.2
 129 10.8 8.6 12.8



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

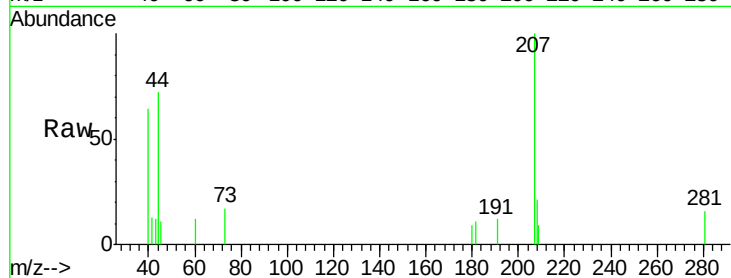




#96
 1,2,3-Trichlorobenzene
 Concen: 1.566 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053953.D
 Acq: 26 Feb 2019 14:24

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-26

Tot Ion	Ratio	Lower	Upper
180	100		
182	239.3	47.3	141.8#
145	183.6	14.4	43.0#



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

