

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054051.D
 Acq On : 2 Mar 2019 1:03
 Operator : JC/SP
 Sample : K1675-28
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-12-B

Quant Time: Mar 02 04:50:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	602357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1104295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1084220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	428304	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	395765	56.05	ug/l	0.00
Spiked Amount			Recovery	=	112.10%	
35) Dibromofluoromethane	7.59	113	353603	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
50) Toluene-d8	10.09	98	1403134	52.78	ug/l	0.00
Spiked Amount			Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.40	95	478236	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	17708	1.698	ug/l #	27
16) Acetone	3.82	43	13706	Below Cal		89
18) Methyl Acetate	4.33	43	5530	1.120	ug/l #	64
20) Methylene Chloride	4.55	84	417282	59.710	ug/l	92
29) Tetrahydrofuran	7.21	42	1548	0.838	ug/l #	51
30) Chloroform	7.37	83	4388	0.367	ug/l	95
31) Cyclohexane	7.67	56	11001	0.569	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42503	4.139	ug/l #	47
38) Carbon Tetrachloride	7.67	117	51173	4.791	ug/l #	17
43) Isopropyl Acetate	8.18	43	40837	3.298	ug/l #	87
45) 1,2-Dichloropropane	9.27	63	2315	0.272	ug/l #	44
48) Methyl methacrylate	9.18	41	11685	2.052	ug/l #	12
49) 1,4-Dioxane	9.26	88	64	0.830	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	11984	1.884	ug/l #	34
52) Toluene	10.16	92	4110	0.221	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	72660	6.083	ug/l #	70
56) Ethyl methacrylate	10.54	69	1695	2.134	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	13516	1.153	ug/l #	43
59) 2-Hexanone	10.76	43	211124	51.023	ug/l #	47
67) Ethyl Benzene	11.51	91	109911	2.865	ug/l	98
68) m/p-Xylenes	11.62	106	206696	14.277	ug/l	94
69) o-Xylene	11.95	106	93084	6.543	ug/l	94
70) Styrene	11.95	104	7580	0.346	ug/l #	1
71) Bromoform	12.40	173	3394	0.592	ug/l #	1
74) N-amyI acetate	11.88	43	22049	2.523	ug/l #	48
76) 1,2,3-Trichloropropane	12.40	75	232930	33.902	ug/l #	100
78) n-propylbenzene	12.59	91	40699	1.073	ug/l	98
79) 2-Chlorotolu						

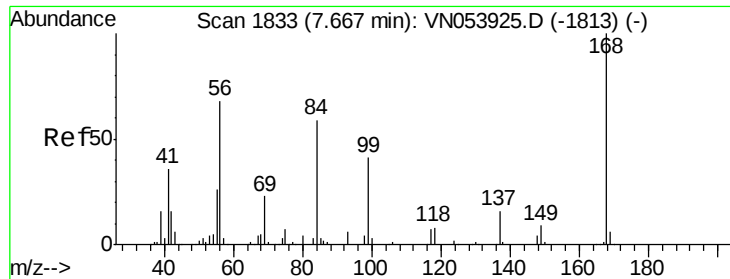
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
Data File : VN054051.D
Acq On : 2 Mar 2019 1:03
Operator : JC/SP
Sample : K1675-28
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
Z-3-12-B

Quant Time: Mar 02 04:50:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.23	119	15342	0.550	ug/l	93
89) n-Butylbenzene	13.58	91	5804	0.247	ug/l #	1
90) Hexachloroethane	13.89	117	4309	0.798	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	66	2.231	ug/l #	1
95) Naphthalene	15.13	128	32964	5.031	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

Instrument :

MSVOA_N

ClientSampled :

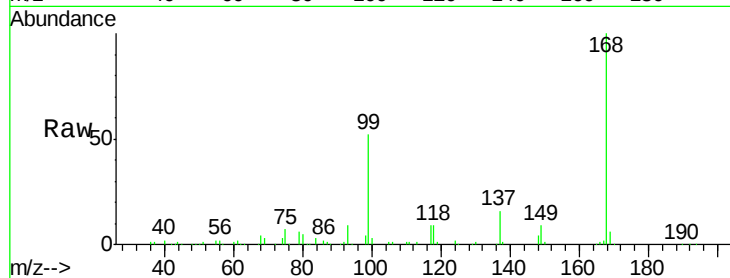
Z-3-12-B

Tot Ion:168 Resp: 602357

Ion Ratio Lower Upper

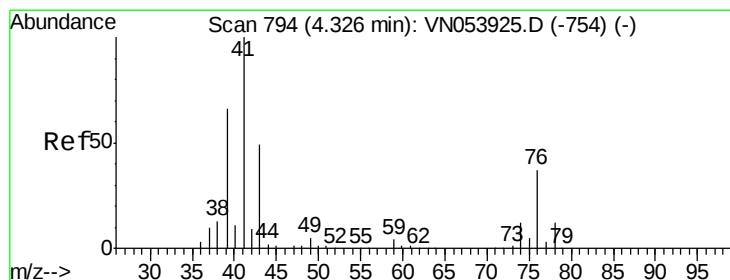
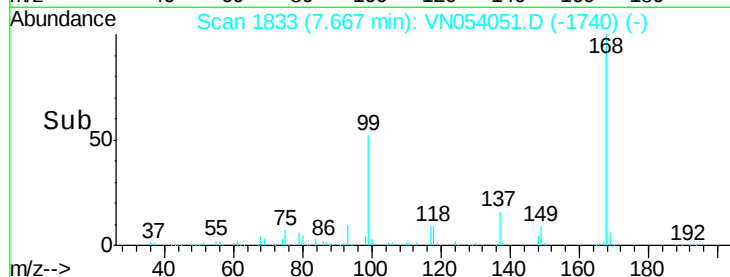
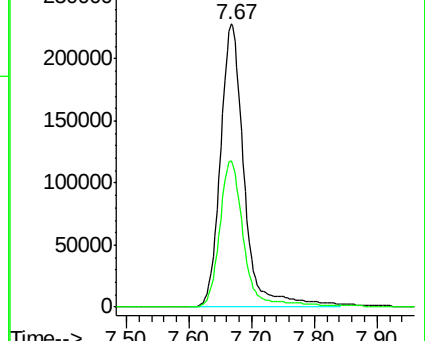
168 100

99 51.7 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#14

Allyl chloride

Concen: 1.698 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

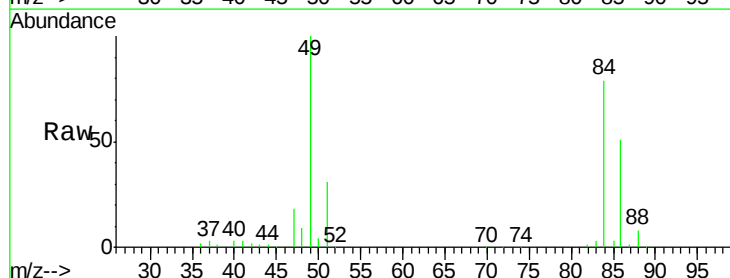
Tgt Ion: 41 Resp: 17708

Ion Ratio Lower Upper

41 100

39 0.5 48.8 73.2#

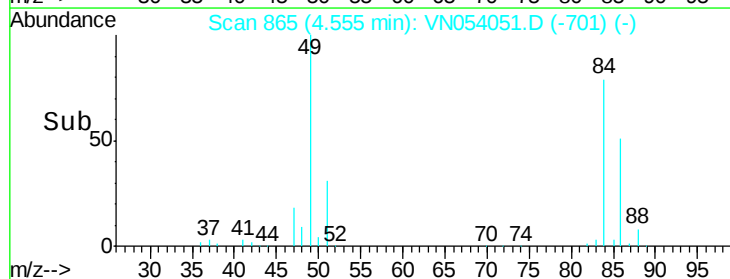
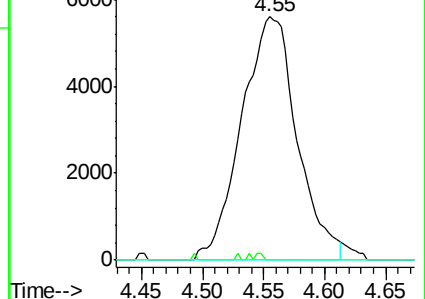
76 0.0 30.9 46.3#

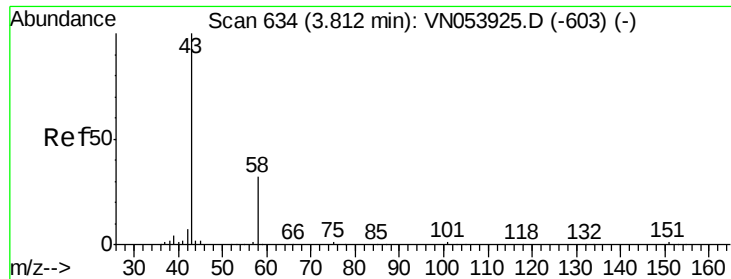


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

Instrument :

MSVOA_N

ClientSampled :

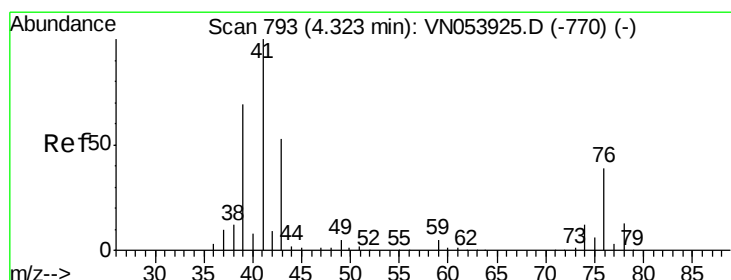
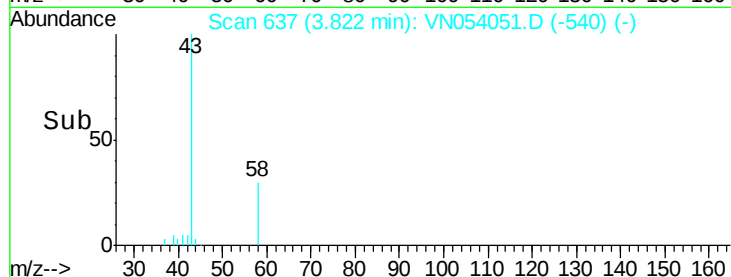
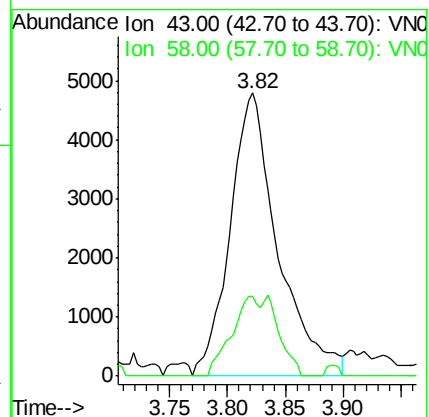
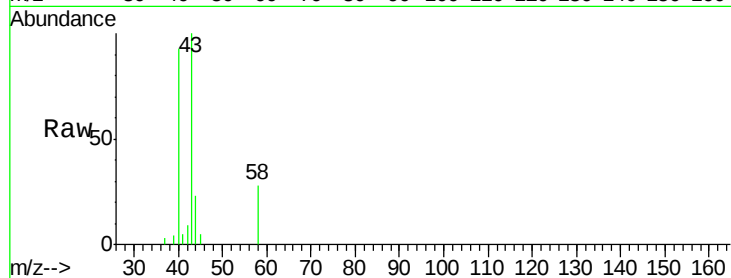
Z-3-12-B

Tot Ion: 43 Resp: 13706

Ion Ratio Lower Upper

43 100

58 28.0 27.6 41.4



#18

Methyl Acetate

Concen: 1.120 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN054051.D

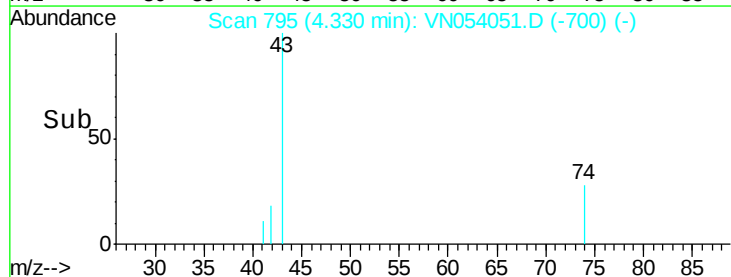
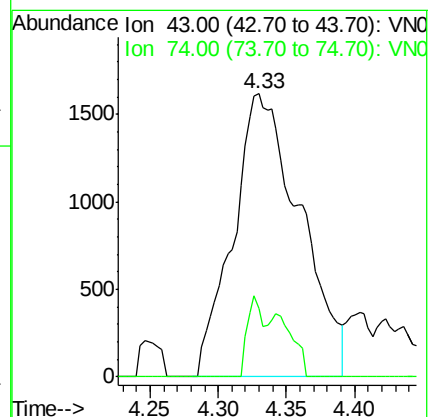
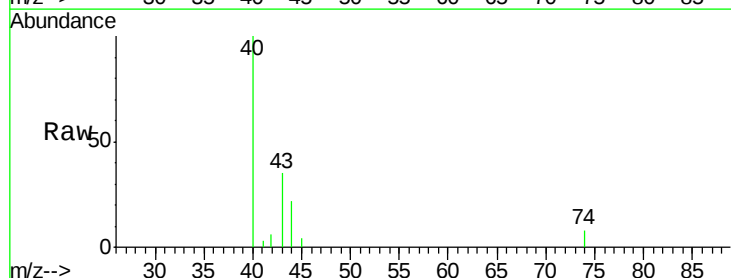
Acq: 2 Mar 2019 1:03

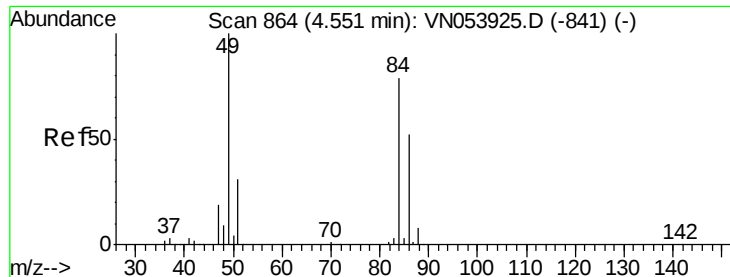
Tgt Ion: 43 Resp: 5530

Ion Ratio Lower Upper

43 100

74 7.1 20.5 30.7#



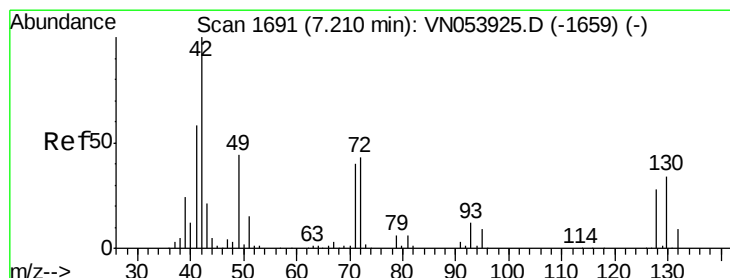
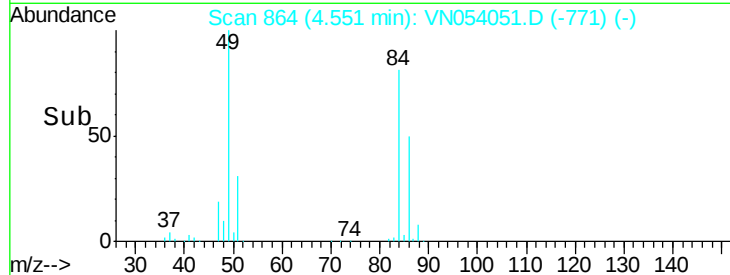
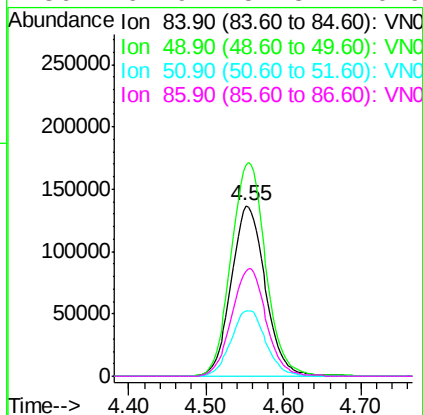
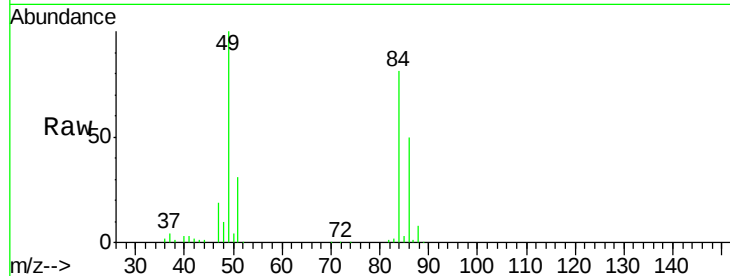


#20
Methvlene Chloride
Concen: 59.710 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054051.D
Acq: 2 Mar 2019 1:03

Instrument :
MSVOA_N
ClientSampled :
Z-3-12-B

Tot Ion: 84 Resp: 417282

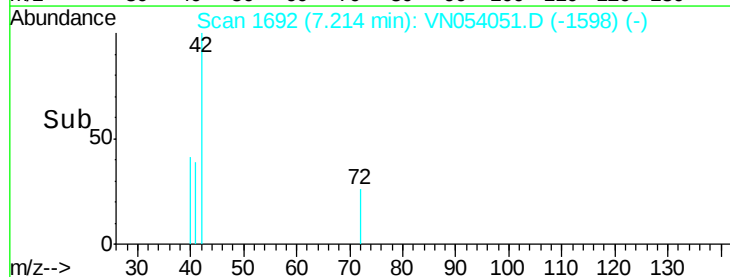
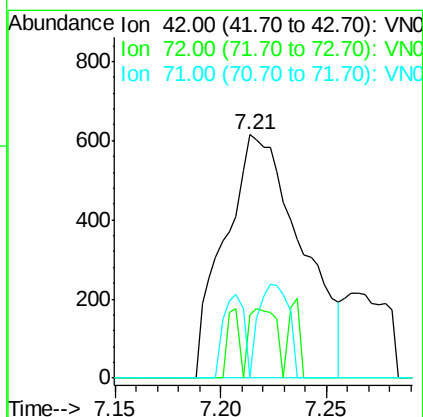
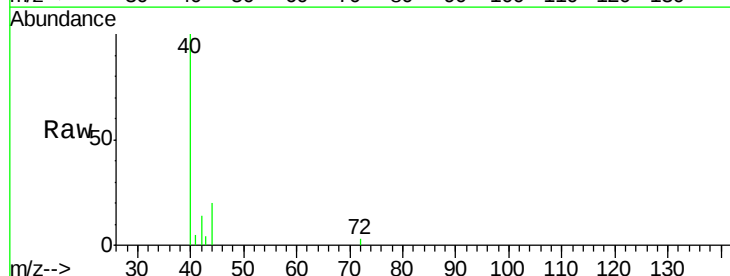
Ion	Ratio	Lower	Upper
84	100		
49	124.0	89.7	134.5
51	38.5	27.8	41.8
86	61.9	51.3	76.9

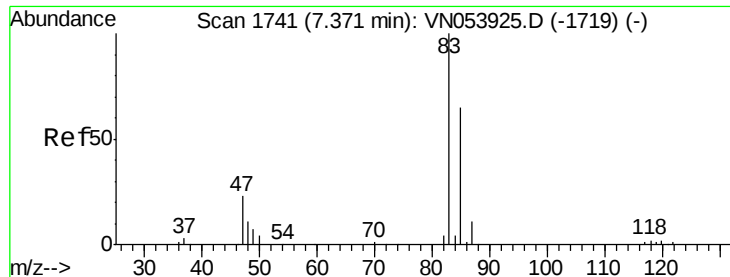


#29
Tetrahydrofuran
Concen: 0.838 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN054051.D
Acq: 2 Mar 2019 1:03

Tgt Ion: 42 Resp: 1548

Ion	Ratio	Lower	Upper
42	100		
72	10.2	36.9	55.3#
71	15.1	34.6	52.0#

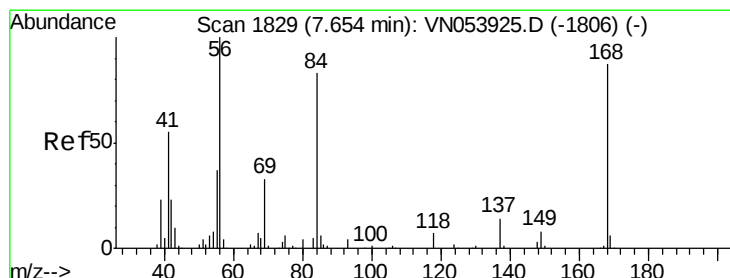
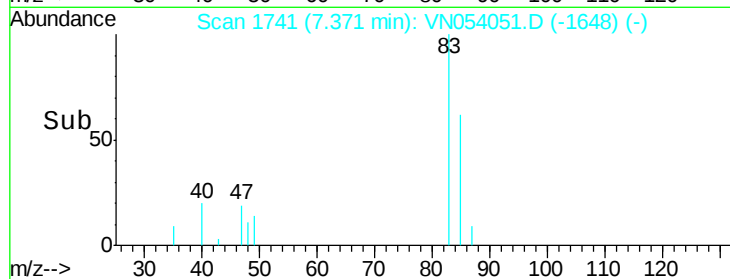
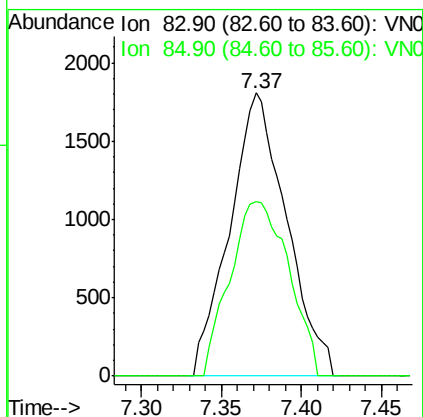
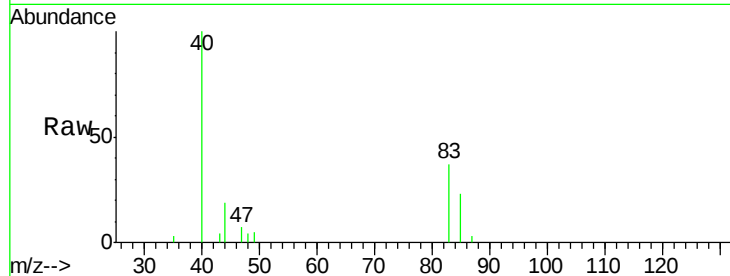




#30
Chloroform
Concen: 0.367 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054051.D
Acq: 2 Mar 2019 1:03

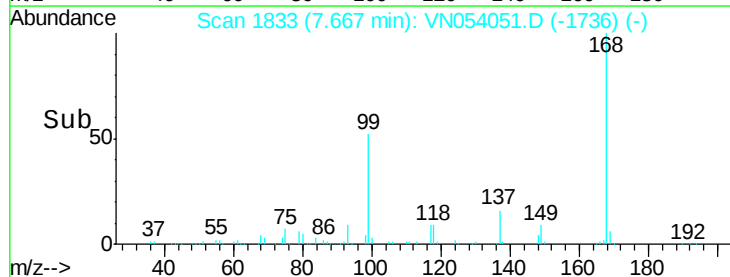
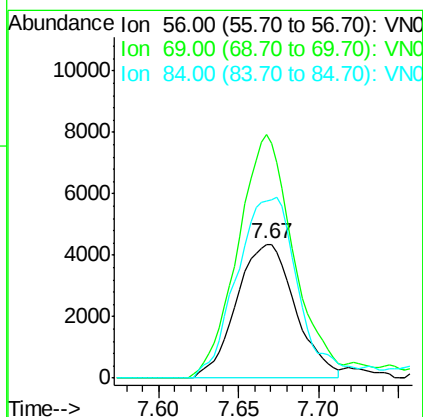
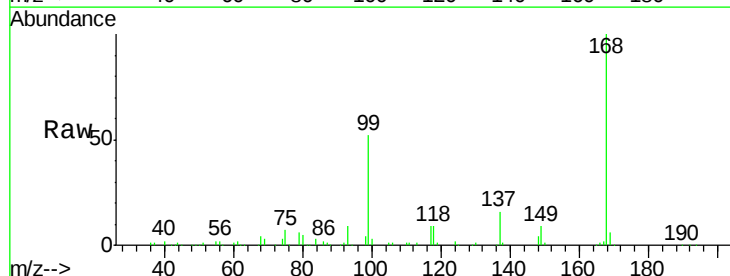
Instrument :
MSVOA_N
ClientSampleId :
Z-3-12-B

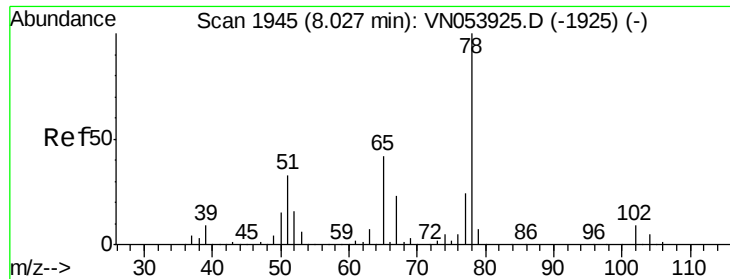
Tot Ion: 83 Resp: 4388
Ion Ratio Lower Upper
83 100
85 61.5 52.6 78.8



#31
Cyclohexane
Concen: 0.569 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN054051.D
Acq: 2 Mar 2019 1:03

Tgt Ion: 56 Resp: 11001
Ion Ratio Lower Upper
56 100
69 181.6 26.0 39.0#
84 131.6 69.1 103.7#





#33

1,2-Dichloroethane-d4

Concen: 56.050 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

Instrument :

MSVOA_N

ClientSampled :

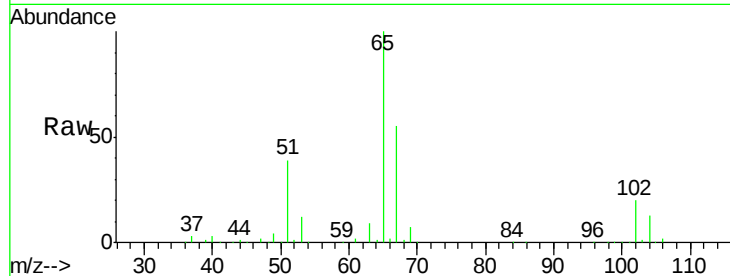
Z-3-12-B

Tot Ion: 65 Resp: 395765

Ion Ratio Lower Upper

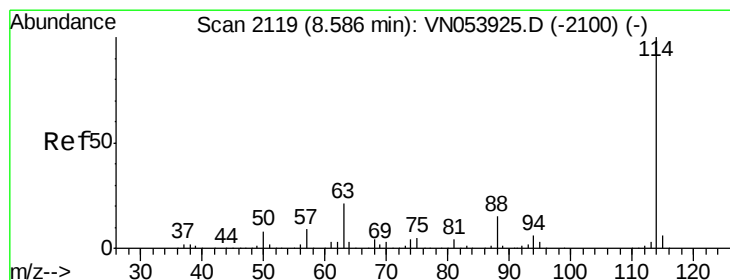
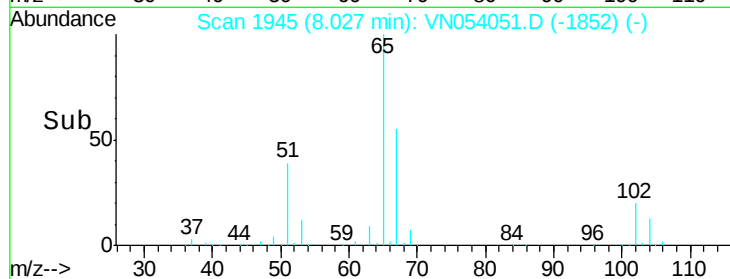
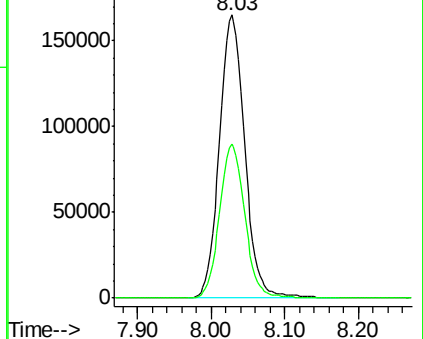
65 100

67 54.3 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: VN054051.D

Acq: 2 Mar 2019 1:03

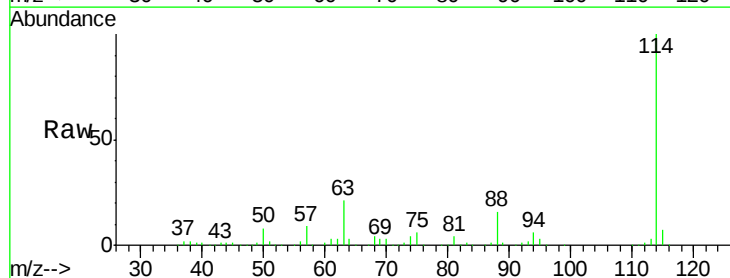
Tgt Ion: 114 Resp: 1104295

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

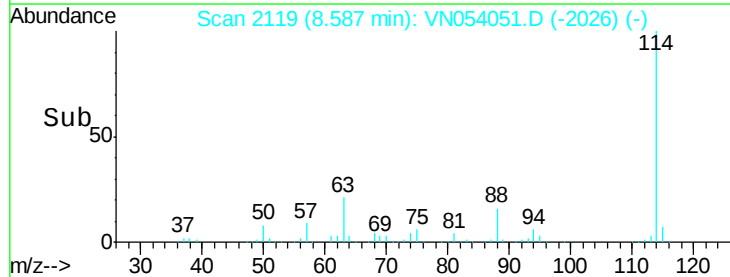
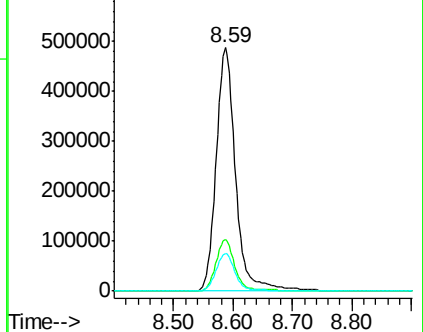
88 15.6 0.0 30.4

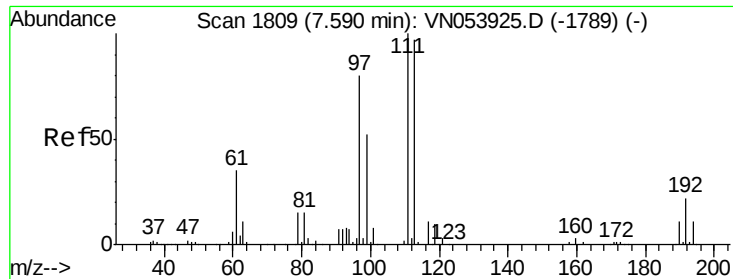


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

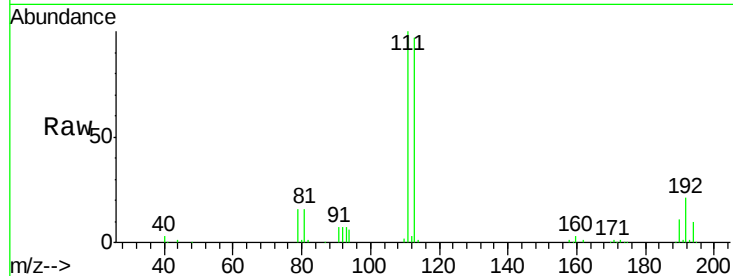




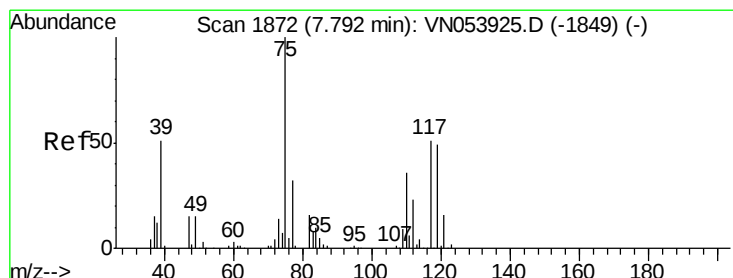
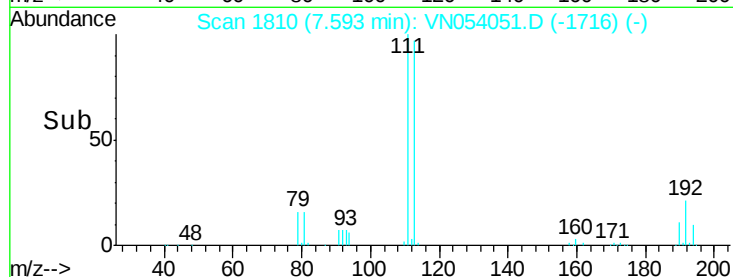
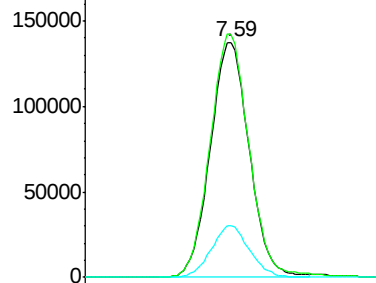
#35
 Dibromofluoromethane
 Concen: 49.517 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054051.D
 Acq: 2 Mar 2019 1:03

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-12-B

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.1	121.7
192	21.7	18.8	28.2

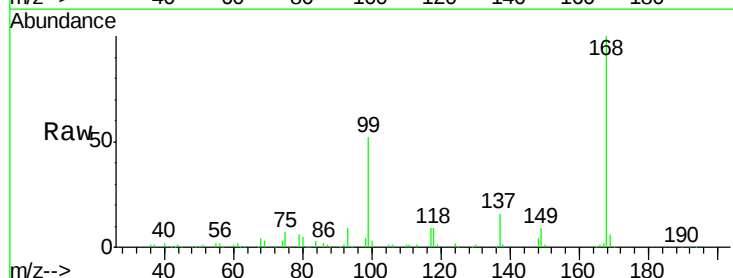


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

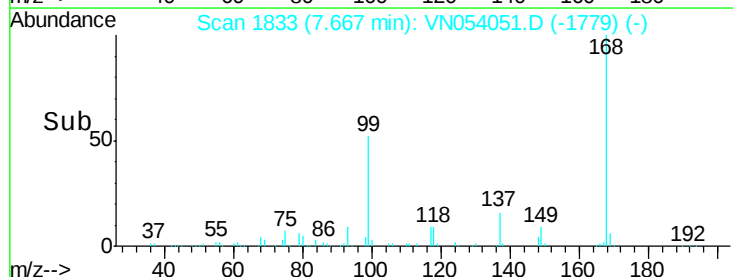
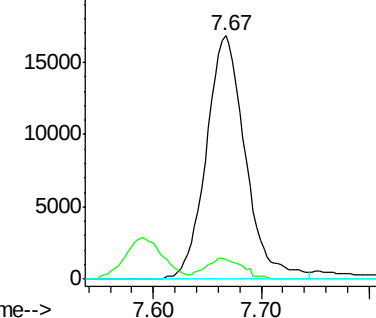


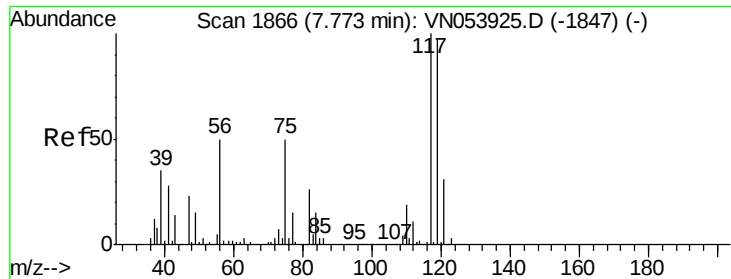
#36
 1,1-Dichloropropene
 Concen: 4.139 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN054051.D
 Acq: 2 Mar 2019 1:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	19.0	57.0#
77	0.0	25.4	38.0#



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





#38

Carbon Tetrachloride

Concen: 4.791 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

Instrument :

MSVOA_N

ClientSampled :

Z-3-12-B

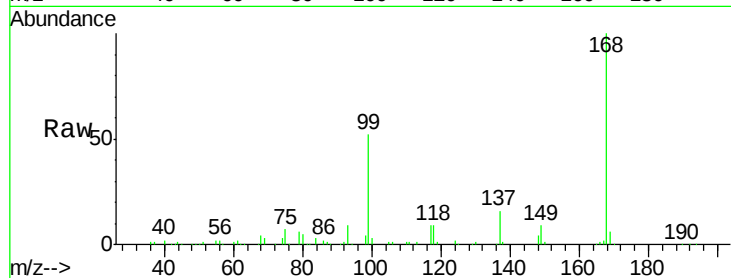
Tot Ion:117 Resp: 51173

Ion Ratio Lower Upper

117 100

119 5.9 76.2 114.2#

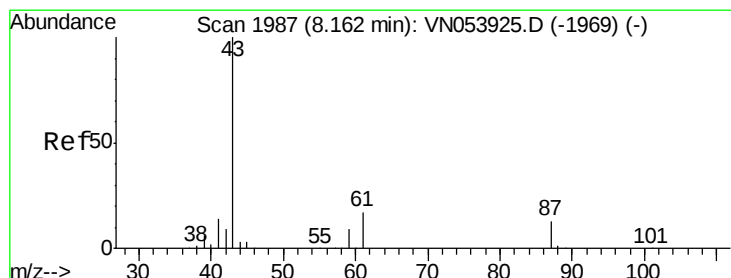
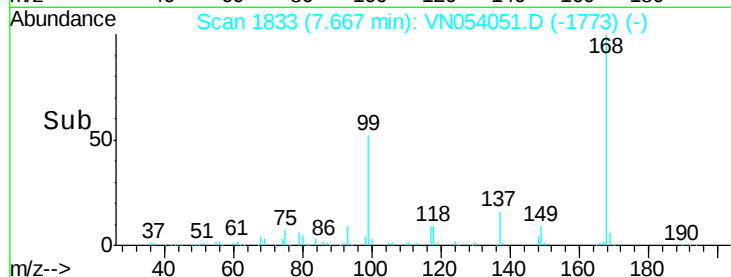
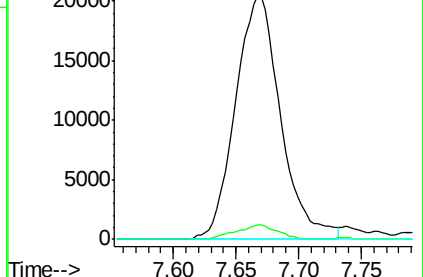
121 0.0 24.6 36.8#



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



#43

Isopropyl Acetate

Concen: 3.298 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.02 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

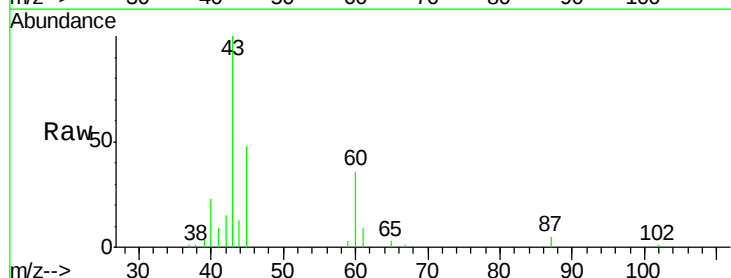
Tgt Ion: 43 Resp: 40837

Ion Ratio Lower Upper

43 100

61 16.0 17.4 26.0#

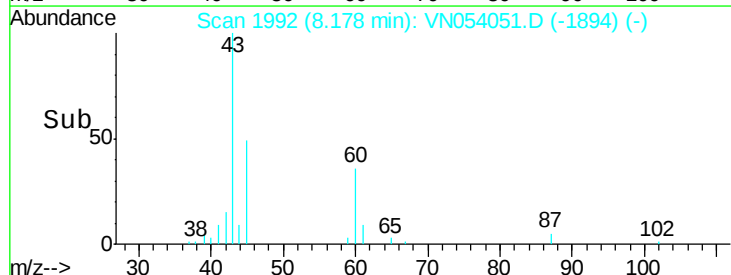
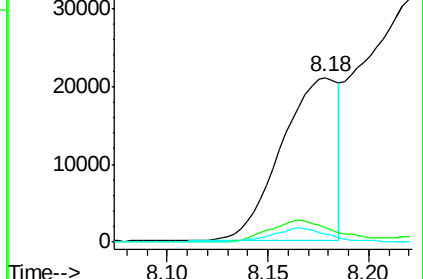
87 8.4 11.5 17.3#

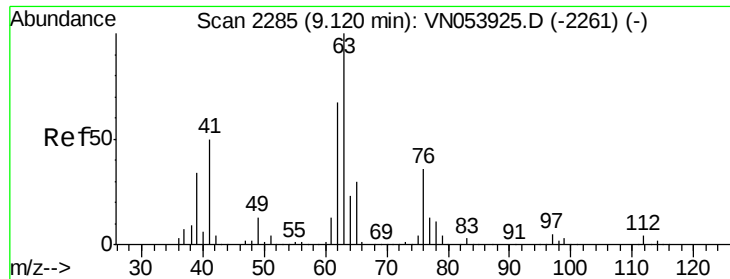


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

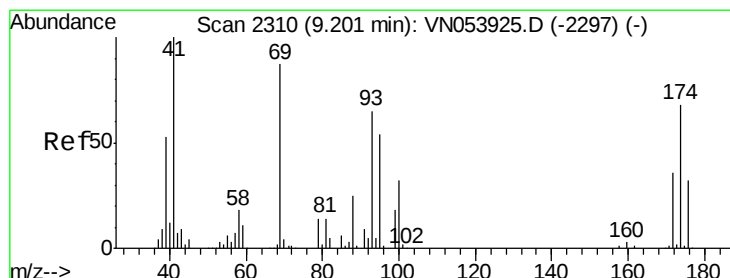
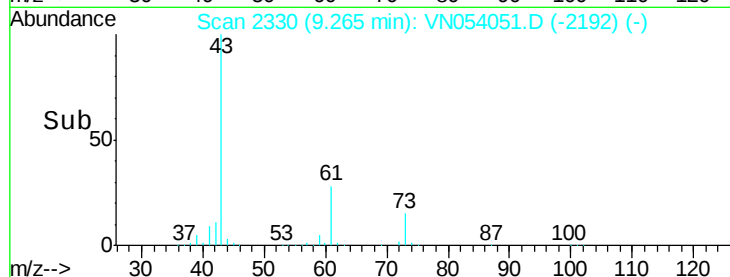
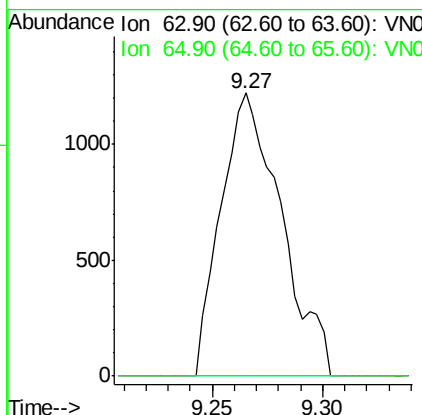
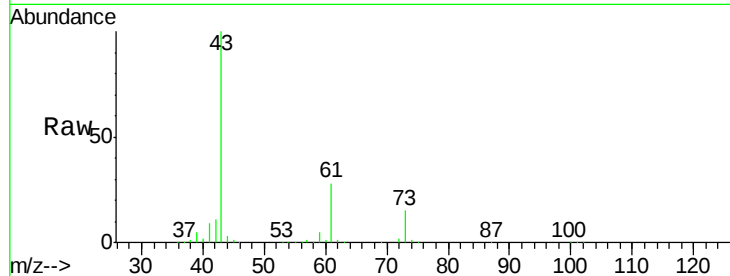




#45
 1,2-Dichloropropane
 Concen: 0.272 ug/l
 RT: 9.27 min Scan# 2330
 Delta R.T. 0.14 min
 Lab File: VN054051.D
 Acq: 2 Mar 2019 1:03

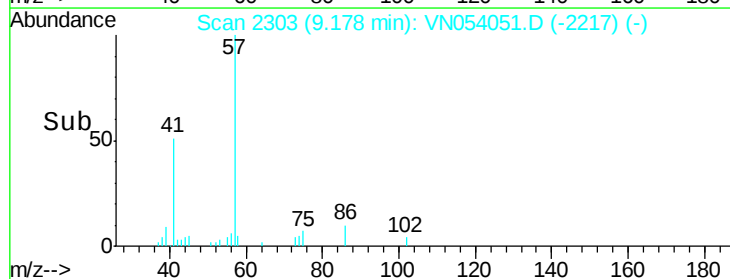
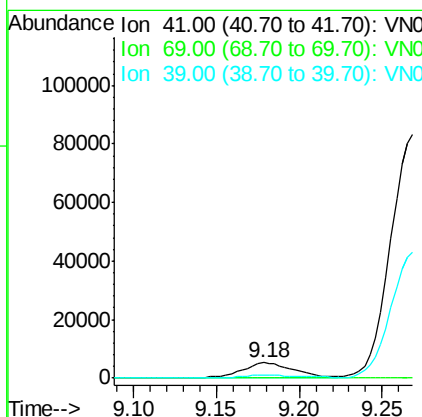
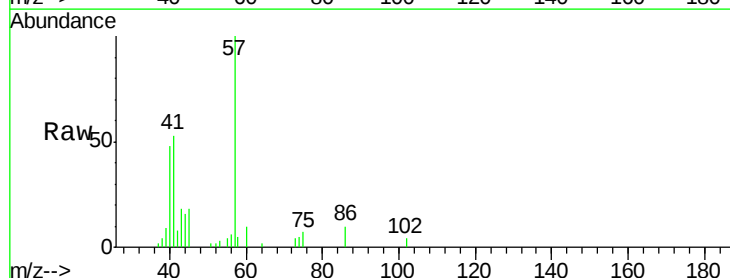
Instrument :
 MSVOA_N
 ClientSampled :
 Z-3-12-B

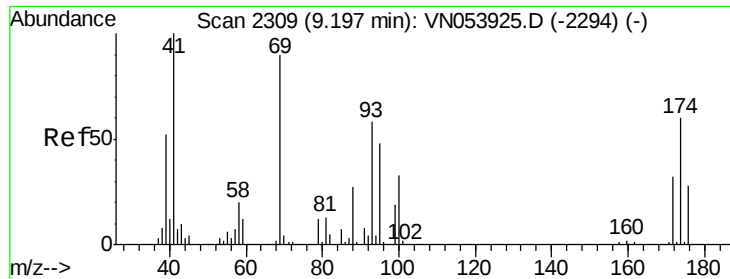
Tot Ion: 63 Resp: 2315
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.3 36.5#



#48
 Methyl methacrylate
 Concen: 2.052 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN054051.D
 Acq: 2 Mar 2019 1:03

Tgt Ion: 41 Resp: 11685
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.8 112.2#
 39 0.0 39.0 58.6#





#49

1,4-Dioxane

Concen: 0.830 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.06 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

Instrument :

MSVOA_N

ClientSampled :

Z-3-12-B

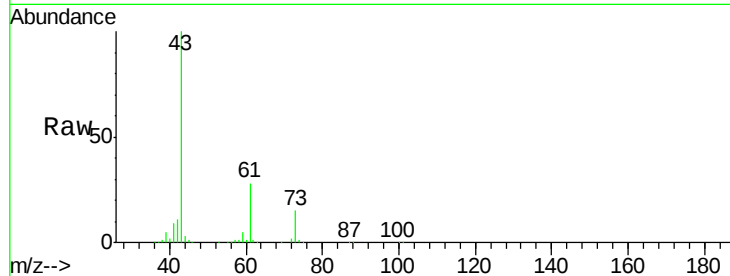
Tot Ion: 88 Resp: 64

Ion Ratio Lower Upper

88 100

43 2899690.6 21.2 31.8#

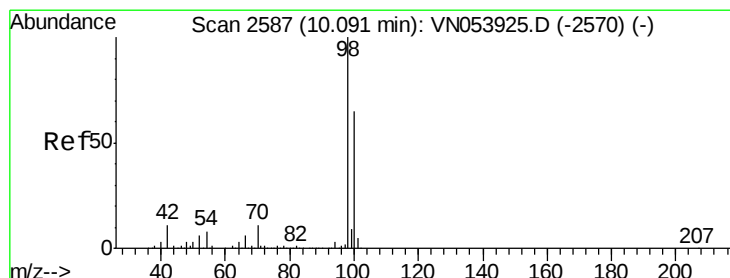
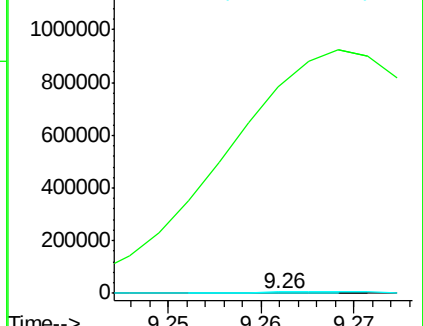
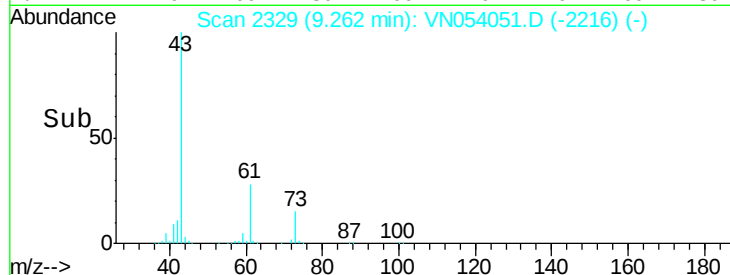
58 14740.6 54.2 81.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 52.783 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054051.D

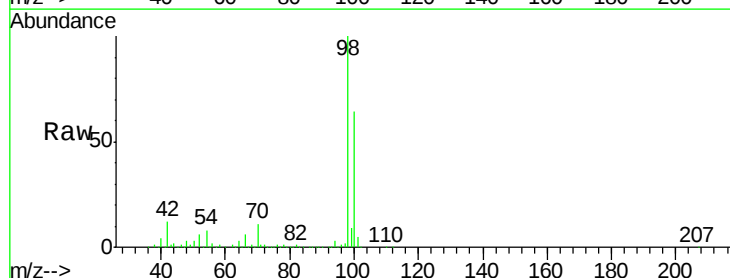
Acq: 2 Mar 2019 1:03

Tgt Ion: 98 Resp: 1403134

Ion Ratio Lower Upper

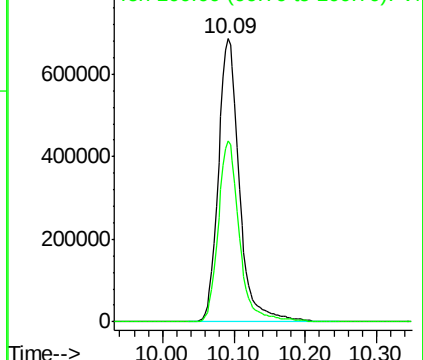
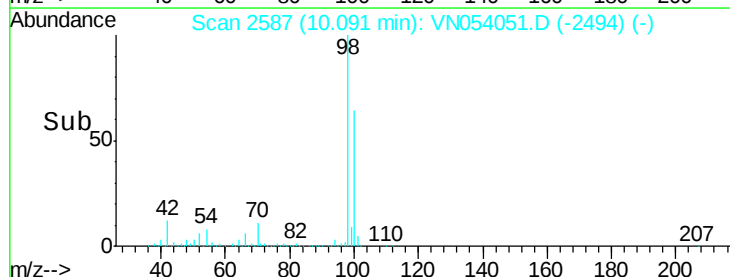
98 100

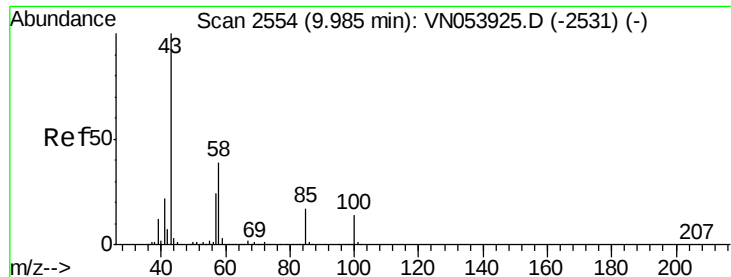
100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.884 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

Instrument :

MSVOA_N

ClientSampled :

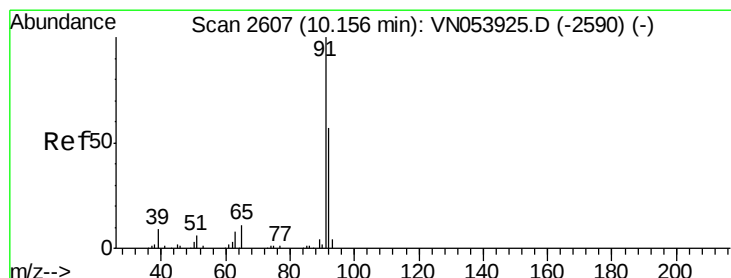
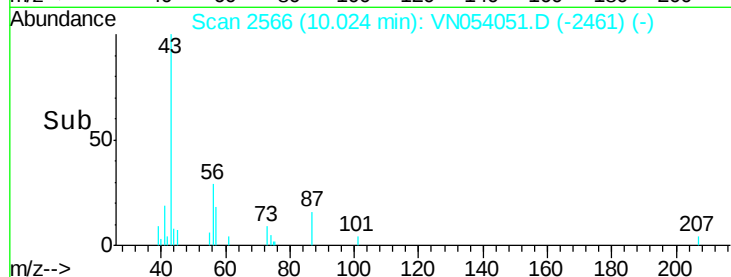
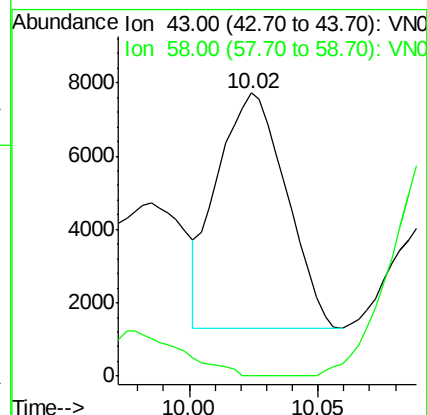
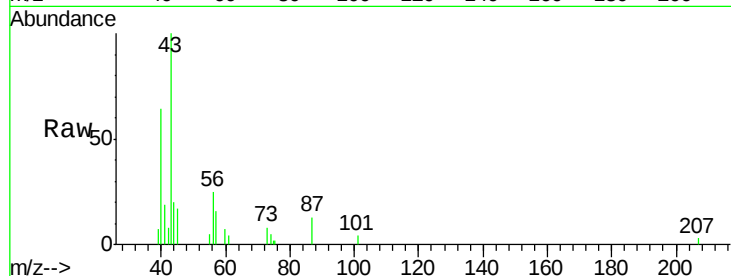
Z-3-12-B

Tot Ion: 43 Resp: 11984

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#



#52

Toluene

Concen: 0.221 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054051.D

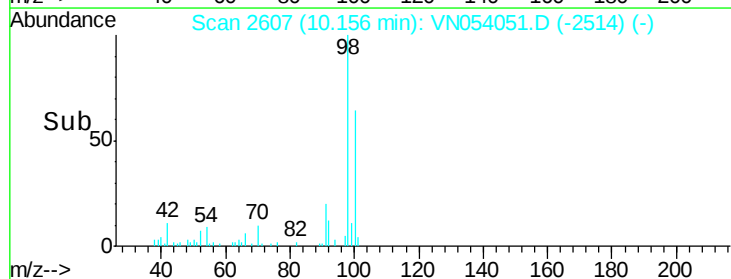
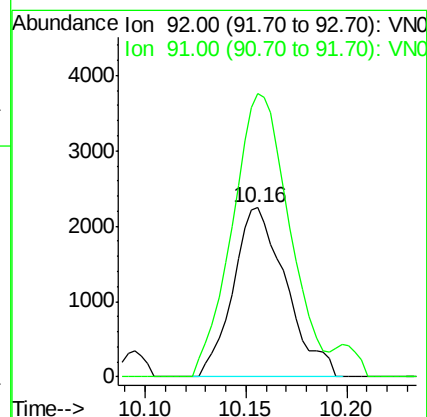
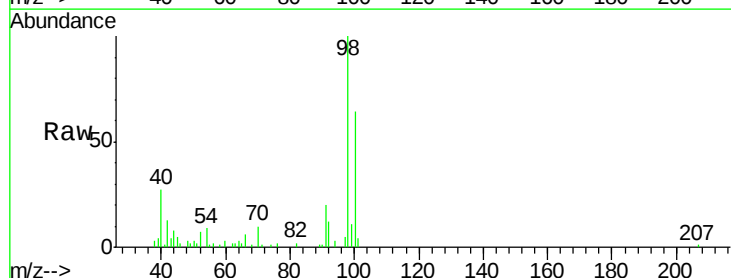
Acq: 2 Mar 2019 1:03

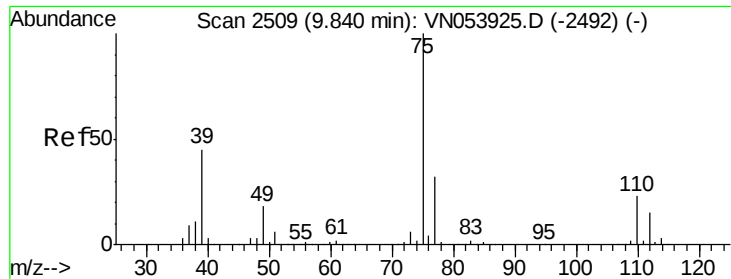
Tgt Ion: 92 Resp: 4110

Ion Ratio Lower Upper

92 100

91 180.0 138.4 207.6





#54

cis-1,3-Dichloropropene

Concen: 6.083 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

Instrument :

MSVOA_N

ClientSampled :

Z-3-12-B

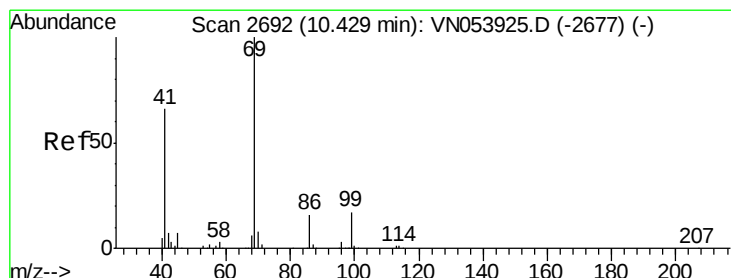
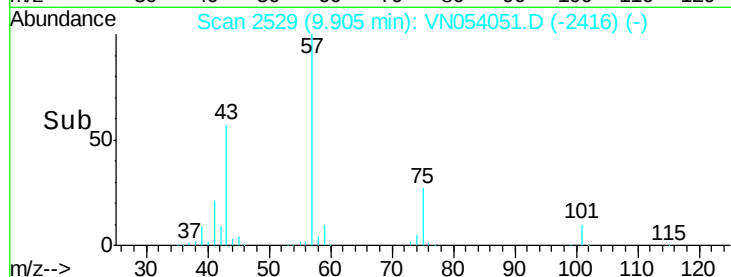
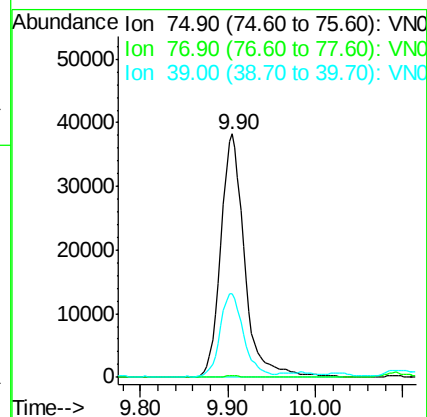
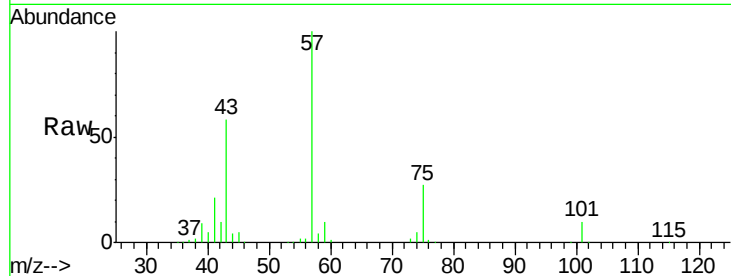
Tot Ion: 75 Resp: 72660

Ion Ratio Lower Upper

75 100

77 0.8 25.8 38.6#

39 34.5 31.4 47.0



#56

Ethyl methacrylate

Concen: 2.134 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

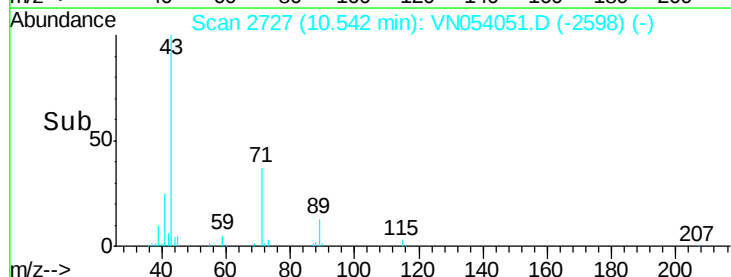
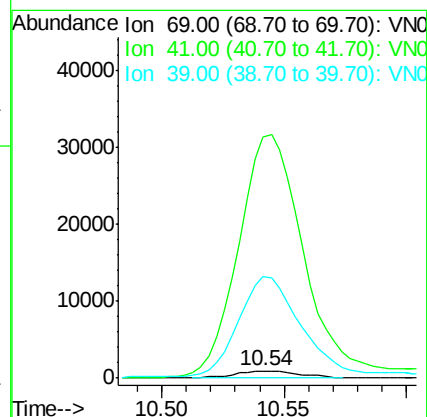
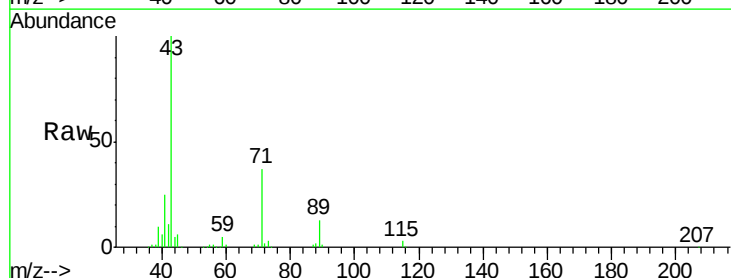
Tgt Ion: 69 Resp: 1695

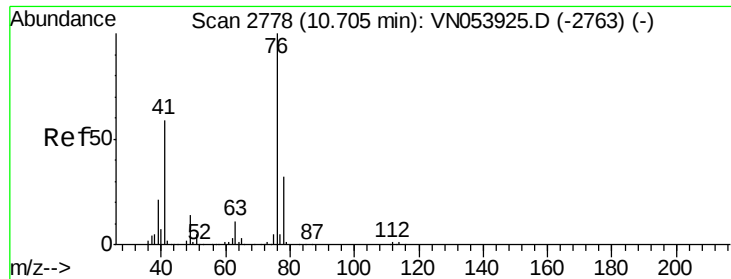
Ion Ratio Lower Upper

69 100

41 3551.4 47.5 71.3#

39 1478.5 23.4 35.0#





#57

1,3-Dichloropropane

Concen: 1.153 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

Instrument :

MSVOA_N

ClientSampled :

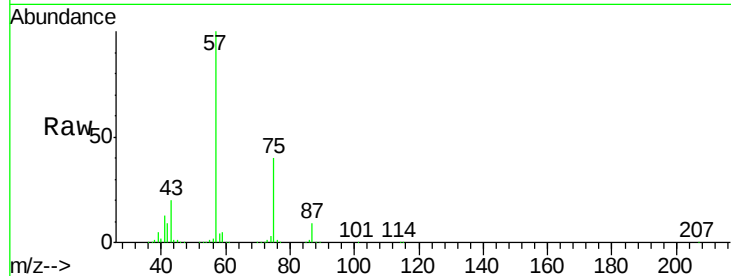
Z-3-12-B

Tot Ion: 76 Resp: 13516

Ion Ratio Lower Upper

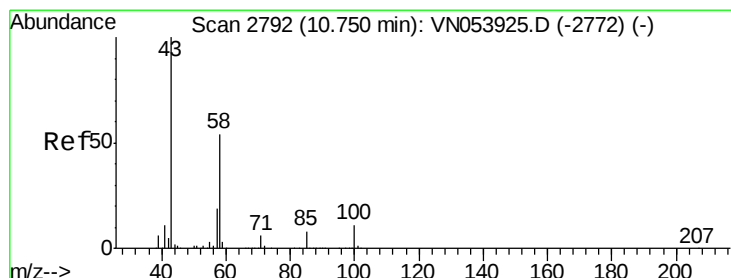
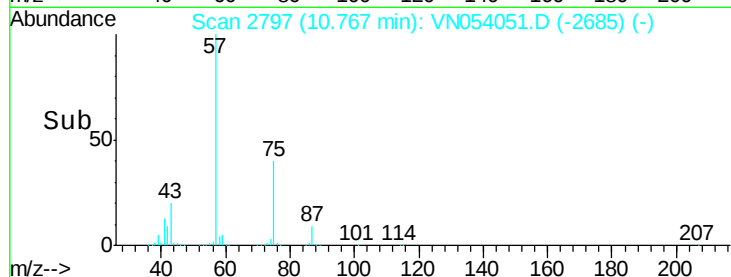
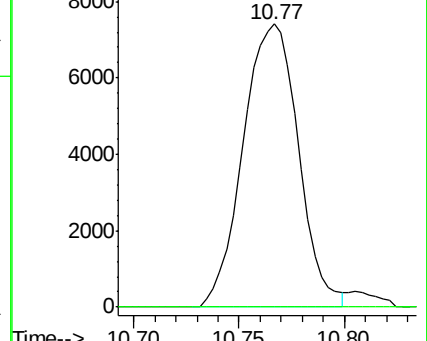
76 100

78 0.0 25.2 37.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 51.023 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN054051.D

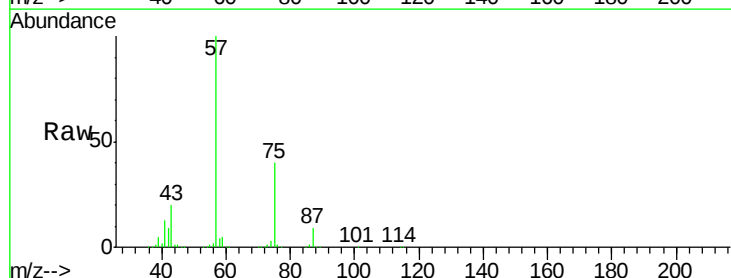
Acq: 2 Mar 2019 1:03

Tgt Ion: 43 Resp: 211124

Ion Ratio Lower Upper

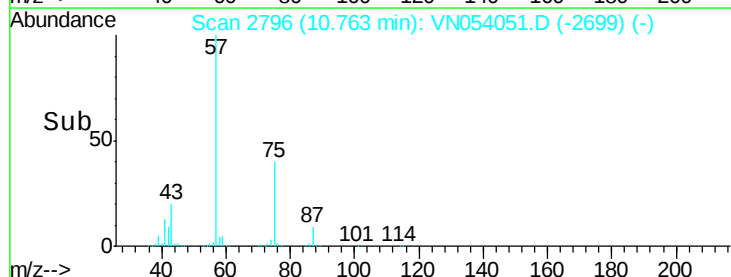
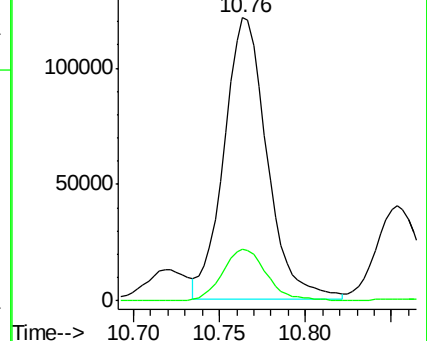
43 100

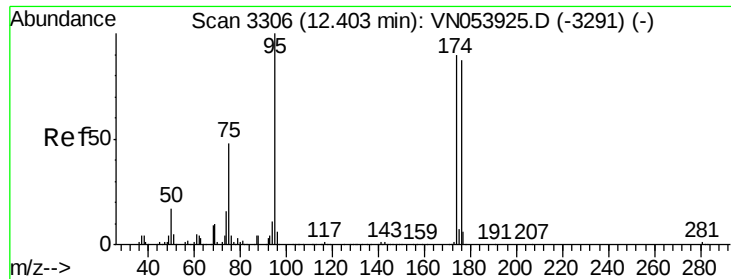
58 19.1 29.1 87.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

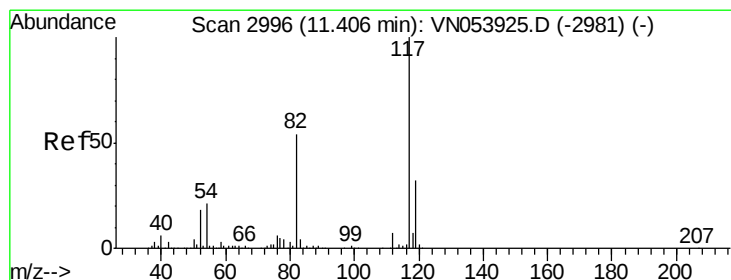
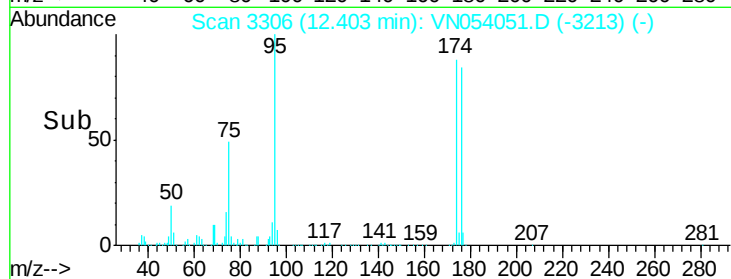
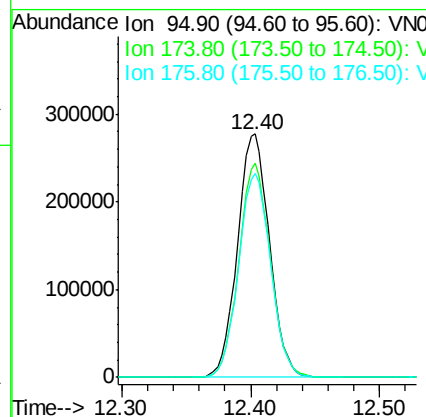
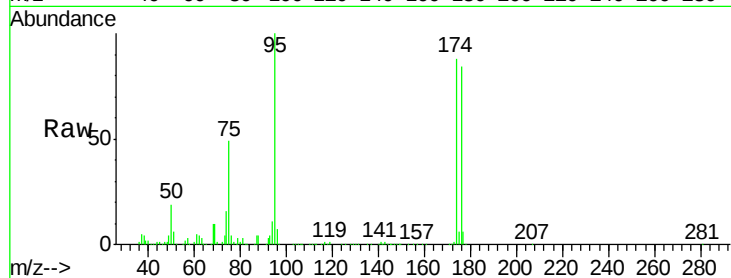




#62
4-Bromofluorobenzene
Concen: 53.998 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054051.D
Acq: 2 Mar 2019 1:03

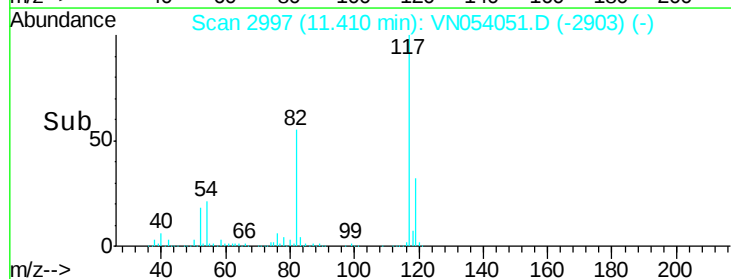
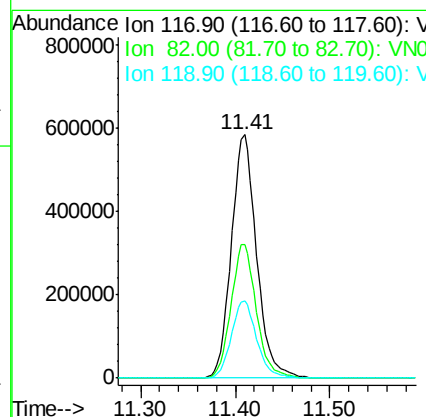
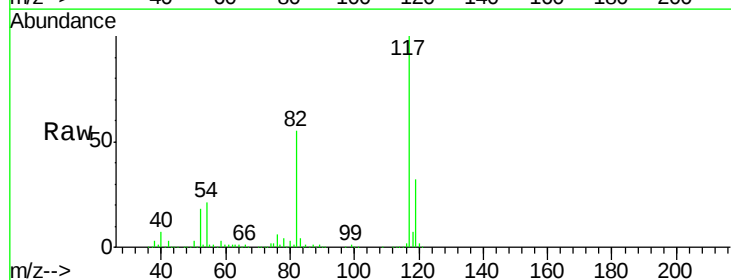
Instrument :
MSVOA_N
ClientSampleId :
Z-3-12-B

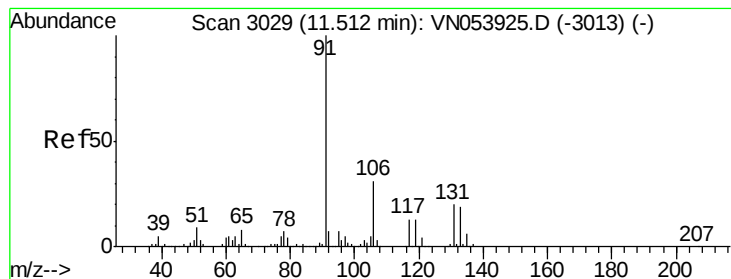
Tot Ion: 95 Resp: 478236
Ion Ratio Lower Upper
95 100
174 86.7 0.0 188.8
176 84.0 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054051.D
Acq: 2 Mar 2019 1:03

Tgt Ion: 117 Resp: 1084220
Ion Ratio Lower Upper
117 100
82 55.0 41.4 62.2
119 31.7 25.3 37.9





#67

Ethyl Benzene

Concen: 2.865 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

Instrument :

MSVOA_N

ClientSampled :

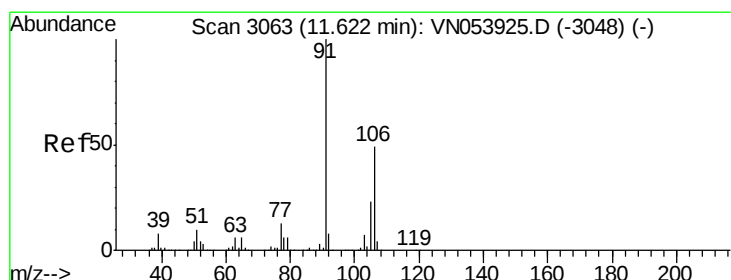
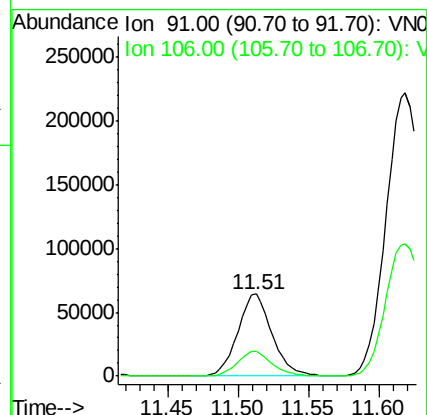
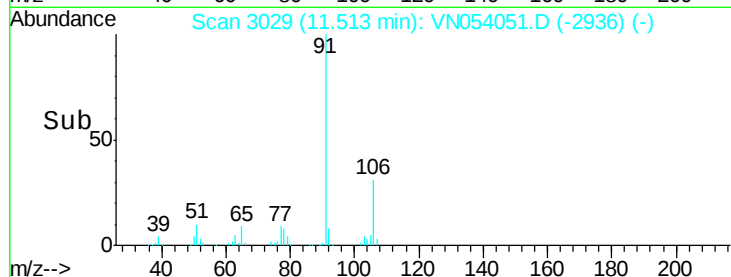
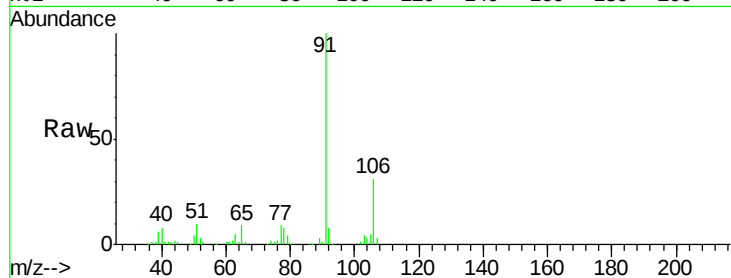
Z-3-12-B

Tot Ion: 91 Resp: 109911

Ion Ratio Lower Upper

91 100

106 30.6 25.2 37.8



#68

m/p-Xylenes

Concen: 14.277 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN054051.D

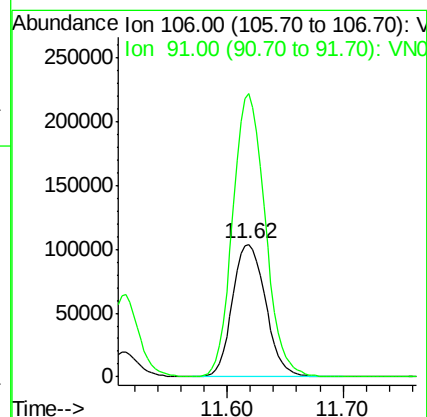
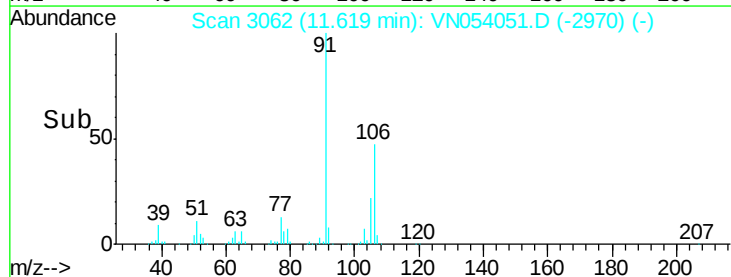
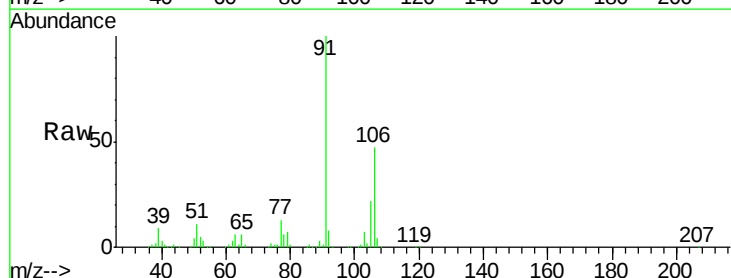
Acq: 2 Mar 2019 1:03

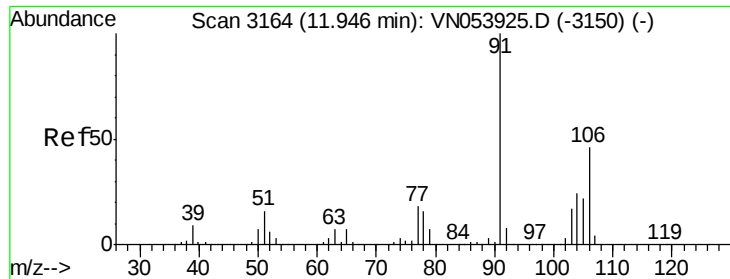
Tgt Ion: 106 Resp: 206696

Ion Ratio Lower Upper

106 100

91 208.2 158.9 238.3

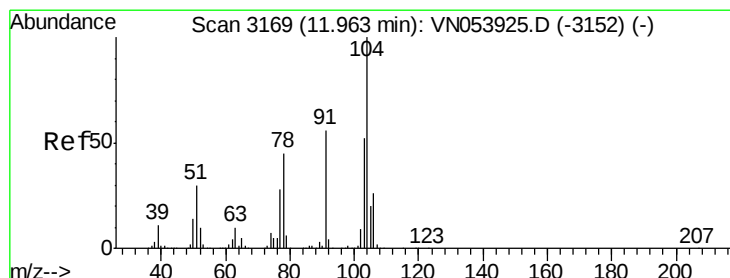
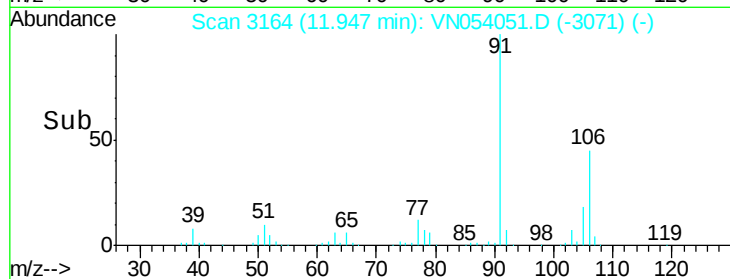
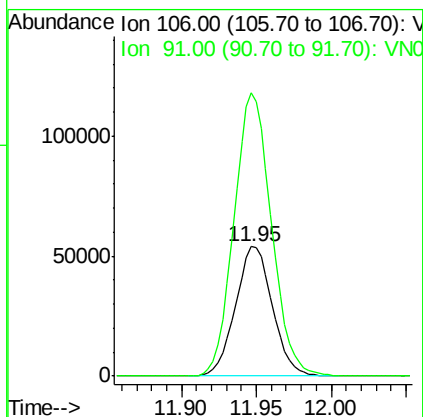
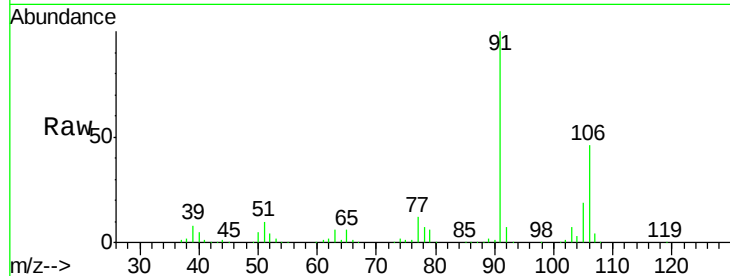




#69
o-Xylene
Concen: 6.543 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054051.D
Acq: 2 Mar 2019 1:03

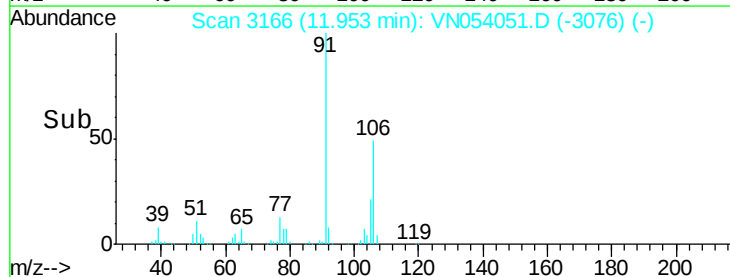
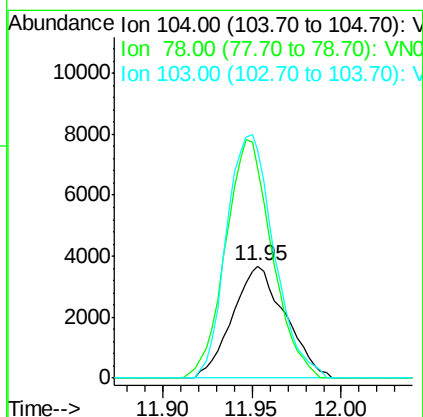
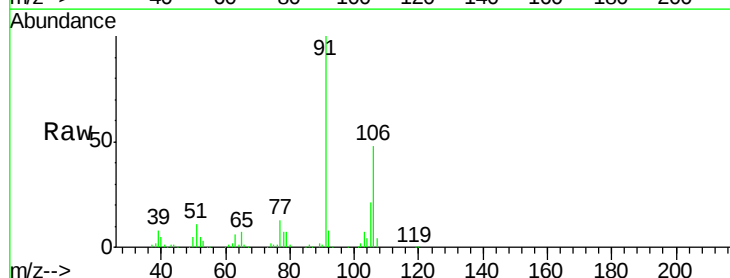
Instrument :
MSVOA_N
ClientSampled :
Z-3-12-B

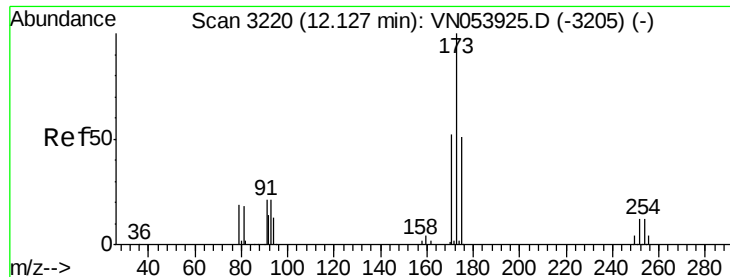
Tot Ion:106 Resp: 93084
Ion Ratio Lower Upper
106 100
91 220.7 106.0 318.0



#70
Styrene
Concen: 0.346 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. -0.01 min
Lab File: VN054051.D
Acq: 2 Mar 2019 1:03

Tgt Ion:104 Resp: 7580
Ion Ratio Lower Upper
104 100
78 187.2 38.1 57.1#
103 195.1 44.6 67.0#





#71

Bromoform

Concen: 0.592 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

Instrument :

MSVOA_N

ClientSampled :

Z-3-12-B

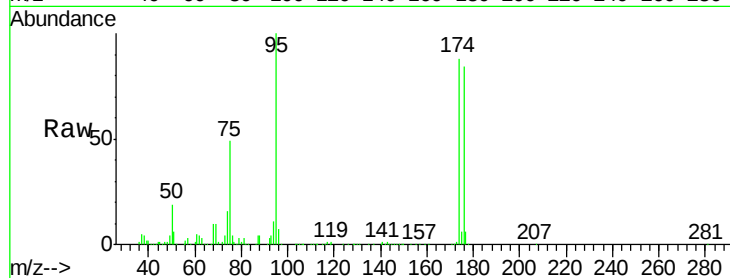
Tot Ion:173 Resp: 3394

Ion Ratio Lower Upper

173 100

175 782.7 24.3 72.8#

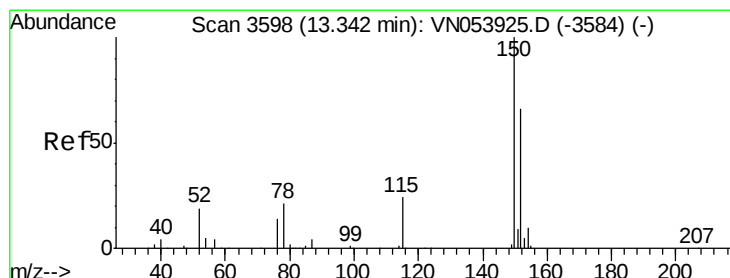
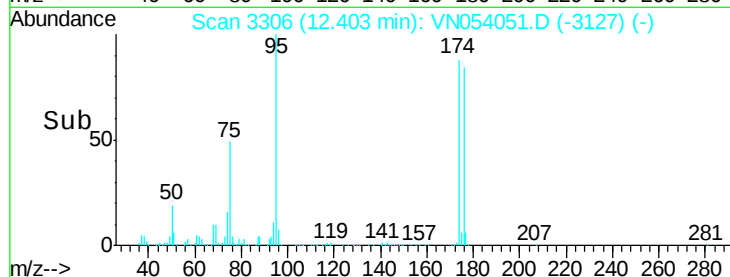
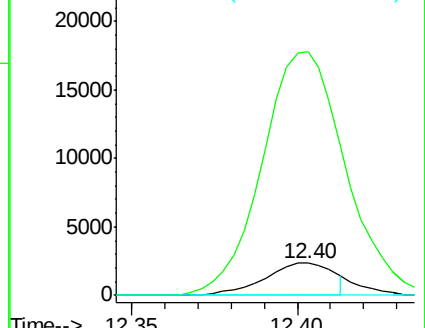
254 0.0 0.2 0.2#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

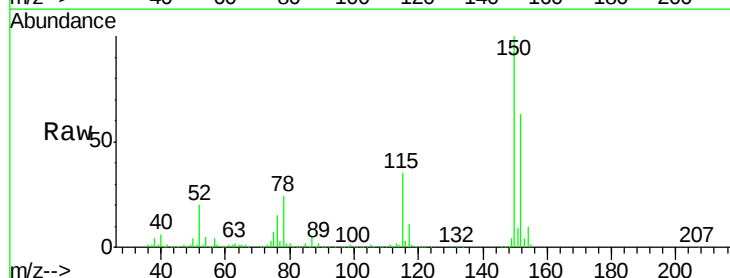
Tgt Ion:152 Resp: 428304

Ion Ratio Lower Upper

152 100

115 58.5 27.2 81.6

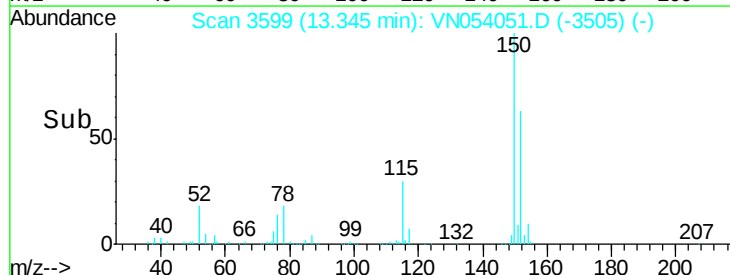
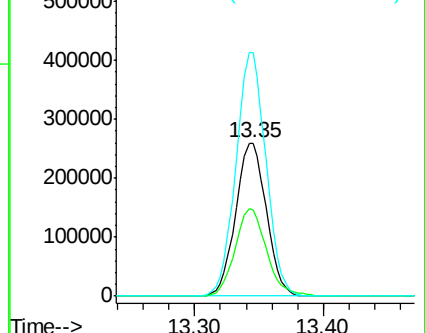
150 156.0 0.0 348.2

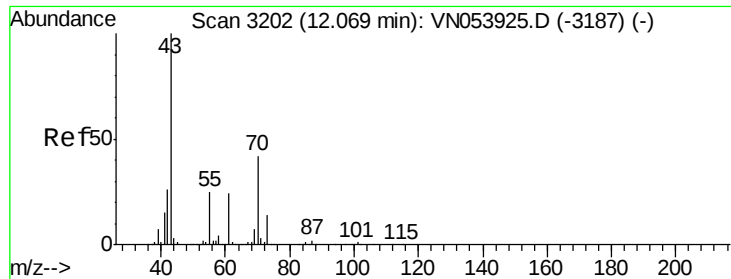


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.523 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

Instrument :

MSVOA_N

ClientSampled :

Z-3-12-B

Tot Ion: 43 Resp: 22049

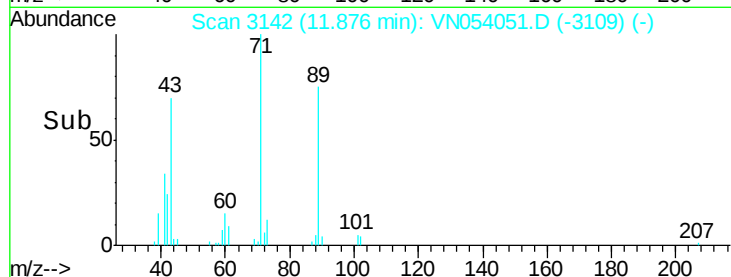
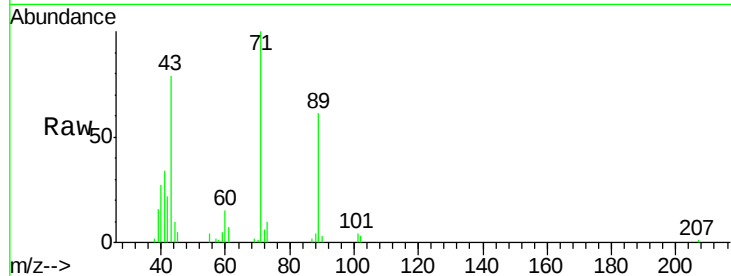
Ion Ratio Lower Upper

43 100

70 1.5 37.4 56.2#

55 5.3 21.4 32.0#

61 9.1 20.9 31.3#

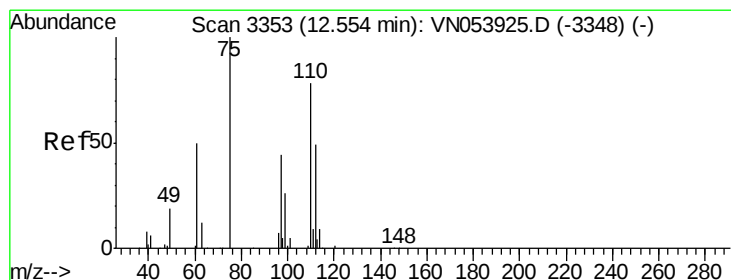
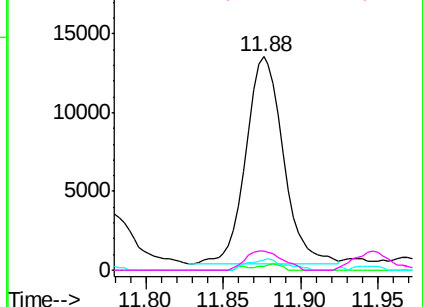


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 33.902 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054051.D

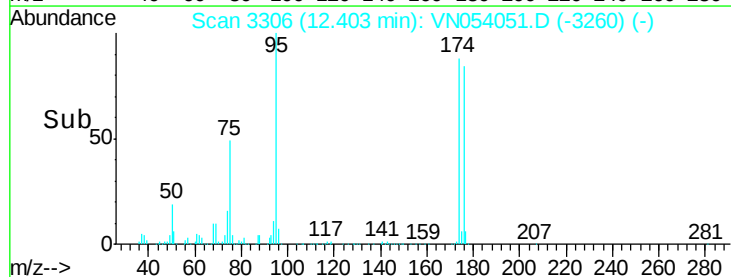
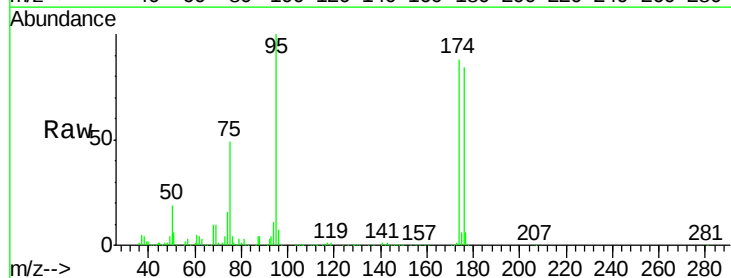
Acq: 2 Mar 2019 1:03

Tgt Ion: 75 Resp: 232930

Ion Ratio Lower Upper

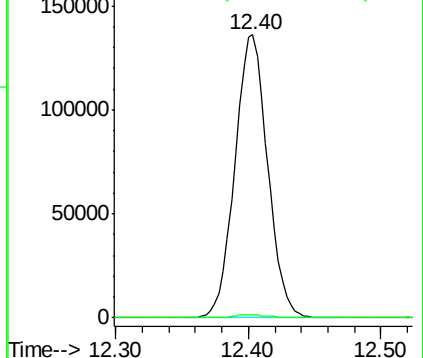
75 100

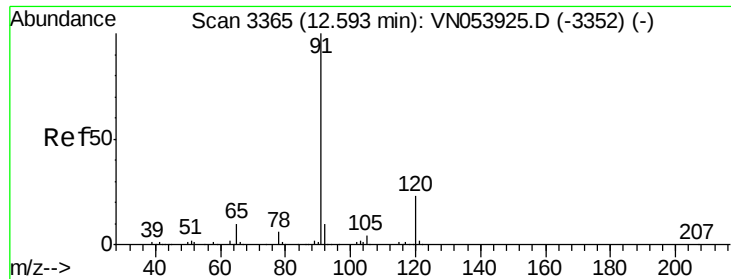
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 1.073 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

Instrument :

MSVOA_N

ClientSampled :

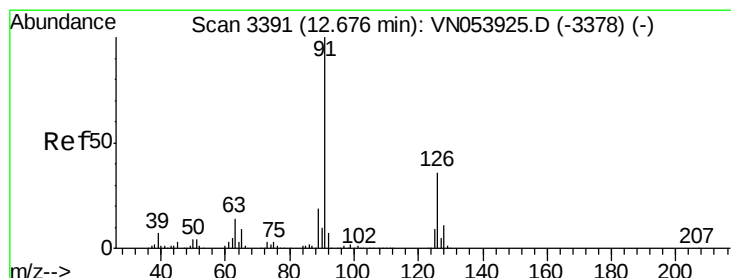
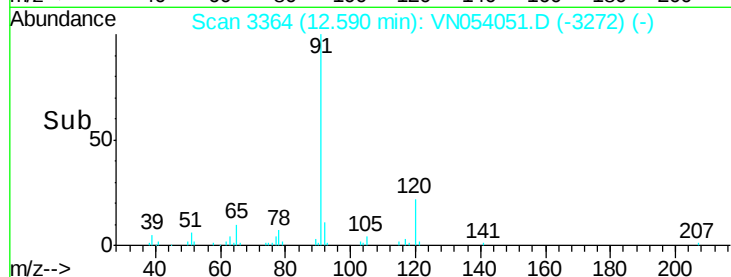
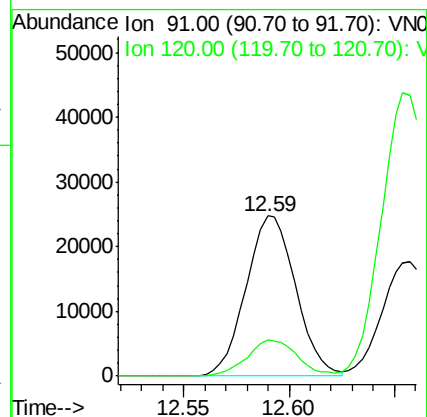
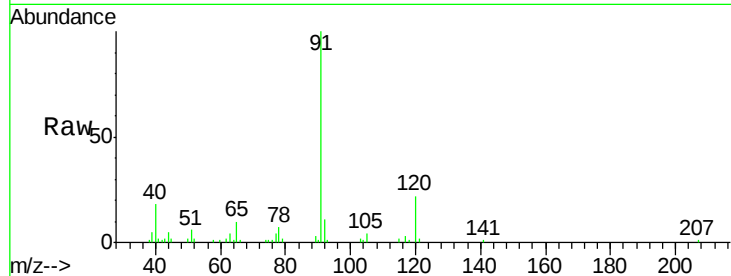
Z-3-12-B

Tot Ion: 91 Resp: 40699

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.9



#79

2-Chlorotoluene

Concen: 1.252 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN054051.D

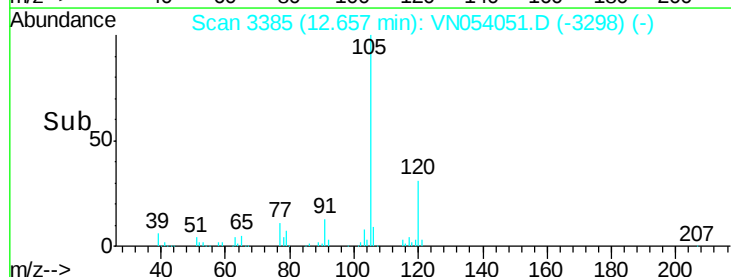
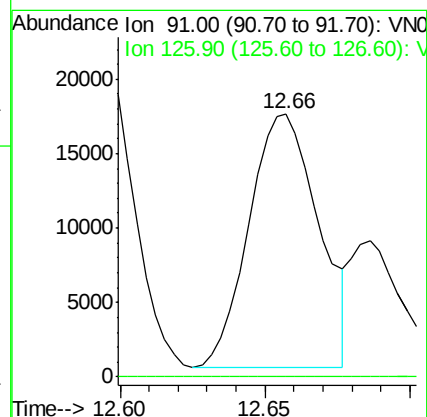
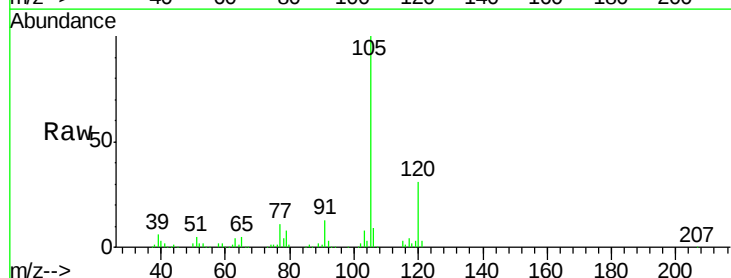
Acq: 2 Mar 2019 1:03

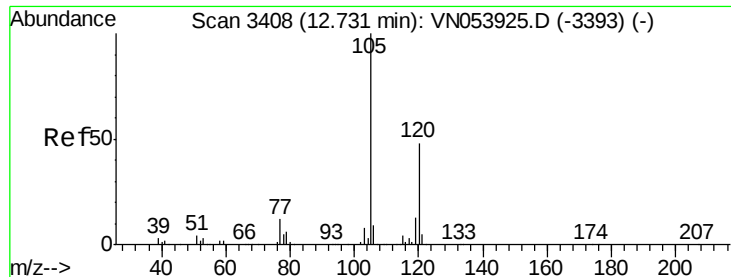
Tgt Ion: 91 Resp: 28521

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#





#80

1,3,5-Trimethylbenzene

Concen: 6.253 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

Instrument :

MSVOA_N

ClientSampled :

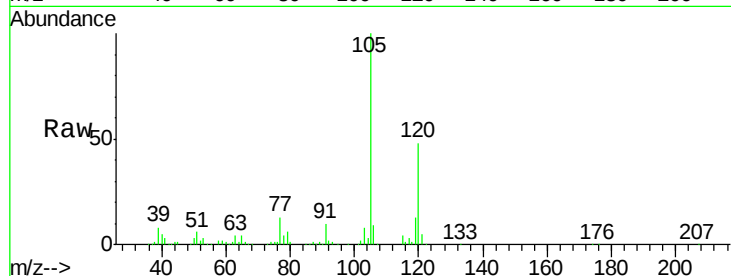
Z-3-12-B

Tot Ion:105 Resp: 170672

Ion Ratio Lower Upper

105 100

120 48.0 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

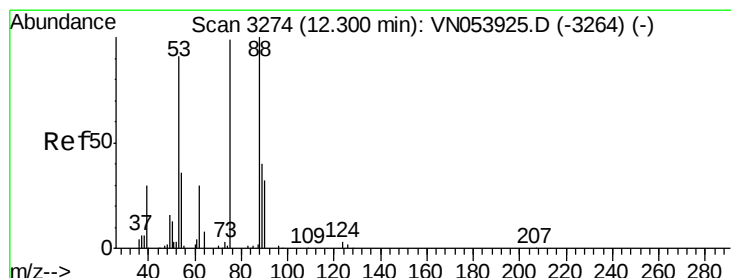
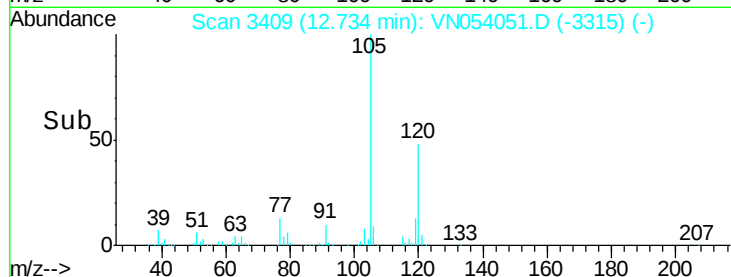
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 107.150 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

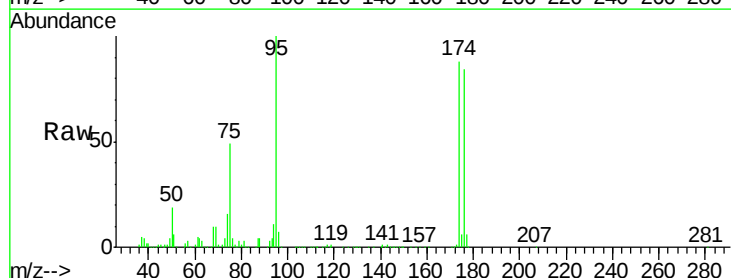
Tgt Ion: 75 Resp: 232930

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

89 0.0 35.3 52.9#



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

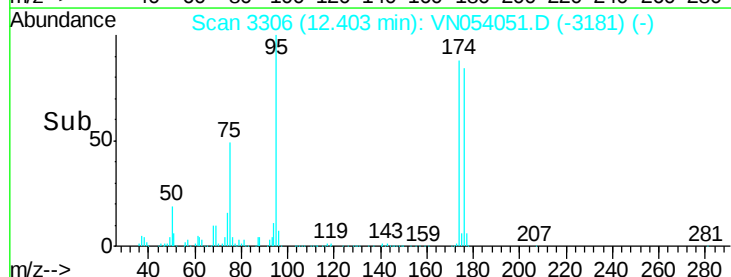
150000

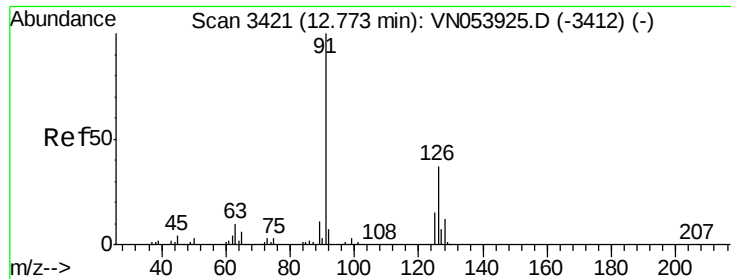
100000

50000

0

Time-->





#82

4-Chlorotoluene

Concen: 0.703 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

Instrument :

MSVOA_N

ClientSampleId :

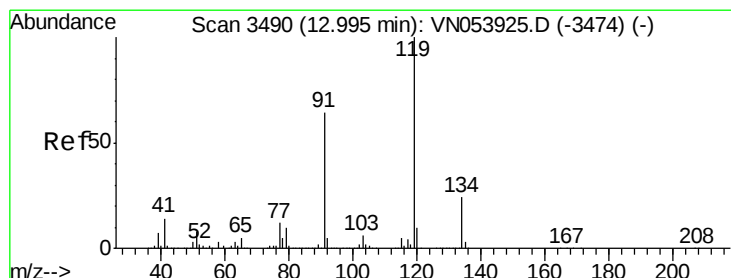
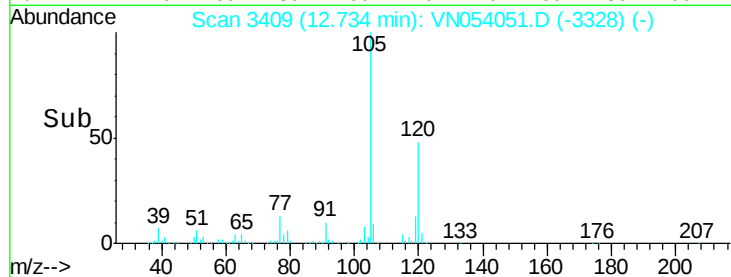
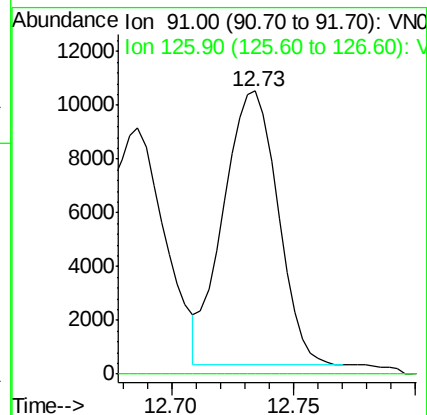
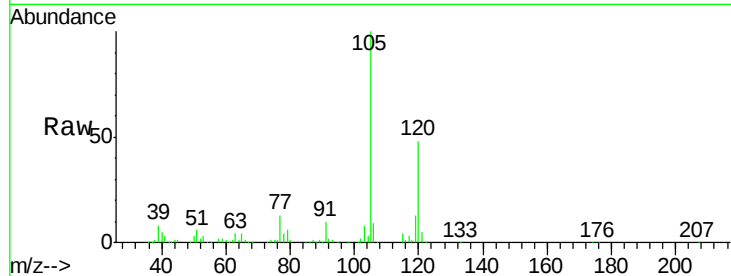
Z-3-12-B

Tot Ion: 91 Resp: 15827

Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#



#83

tert-Butylbenzene

Concen: 4.427 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

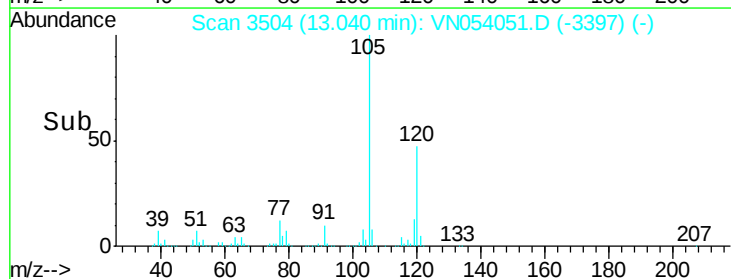
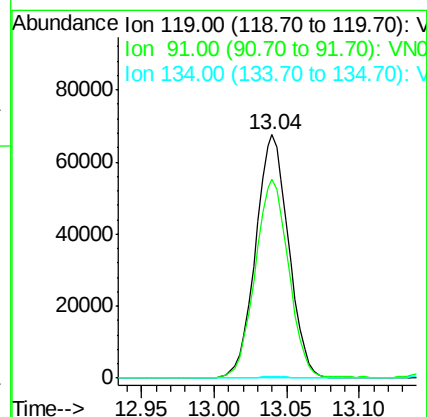
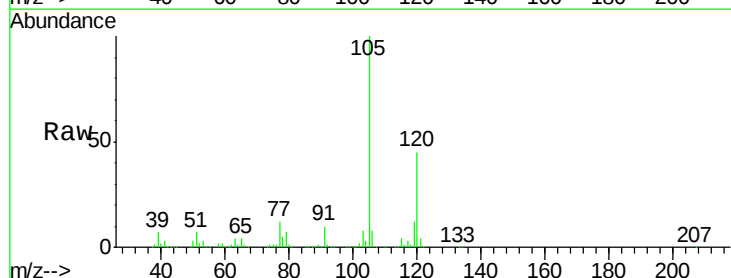
Tgt Ion: 119 Resp: 106863

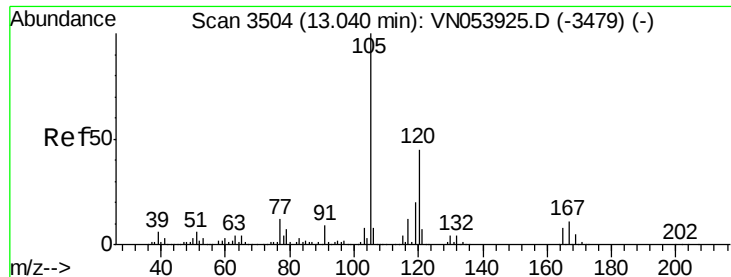
Ion Ratio Lower Upper

119 100

91 83.4 30.6 91.8

134 0.7 13.0 39.0#





#84

1,2,4-Trimethylbenzene

Concen: 32.048 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

Instrument :

MSVOA_N

ClientSampled :

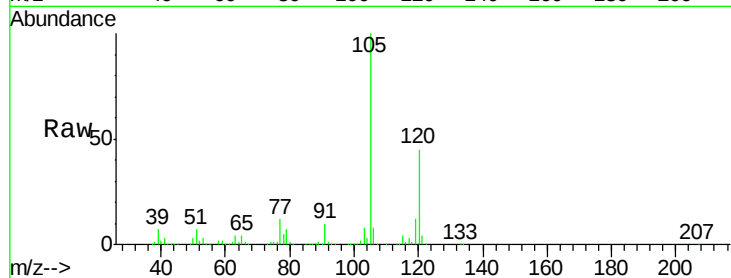
Z-3-12-B

Tot Ion:105 Resp: 873295

Ion Ratio Lower Upper

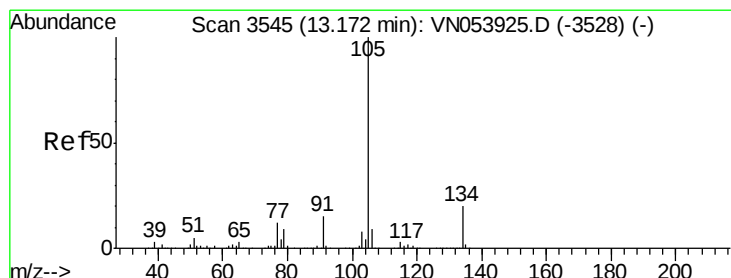
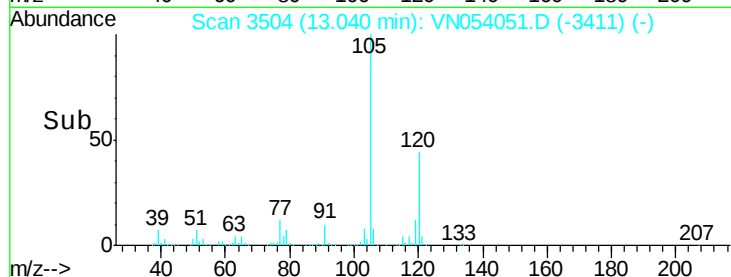
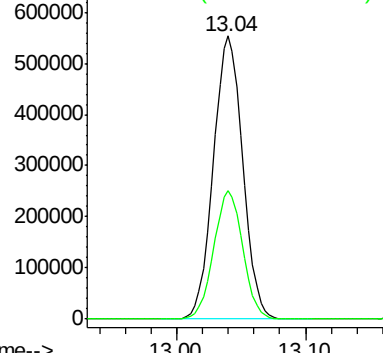
105 100

120 45.0 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 26.486 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN054051.D

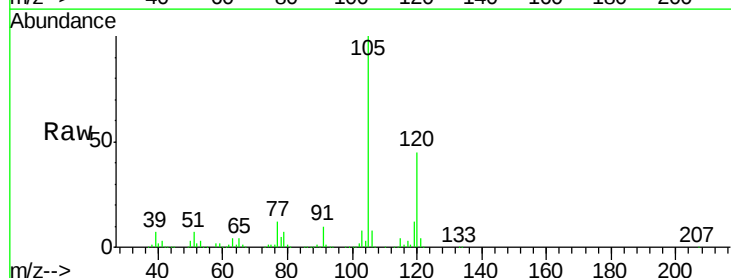
Acq: 2 Mar 2019 1:03

Tgt Ion:105 Resp: 873295

Ion Ratio Lower Upper

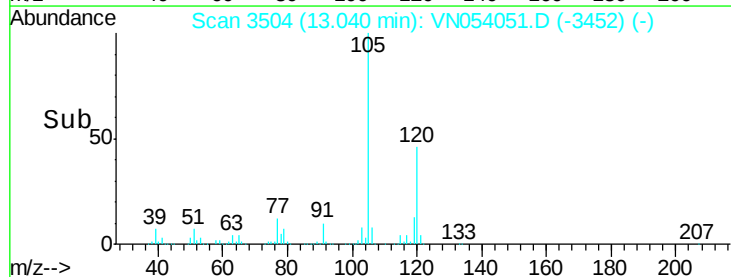
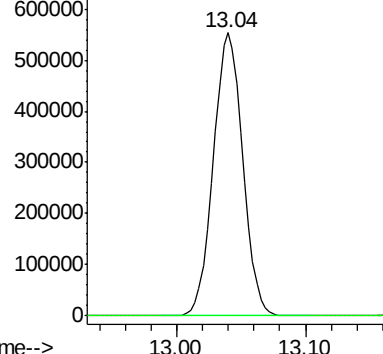
105 100

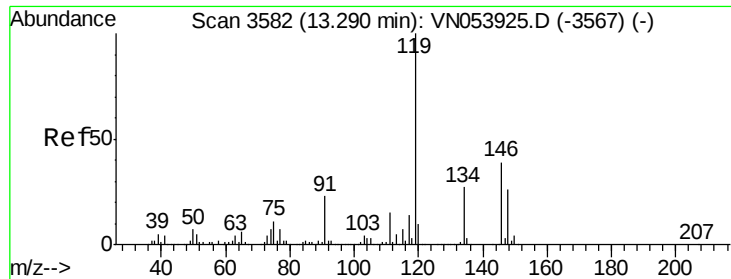
134 0.1 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

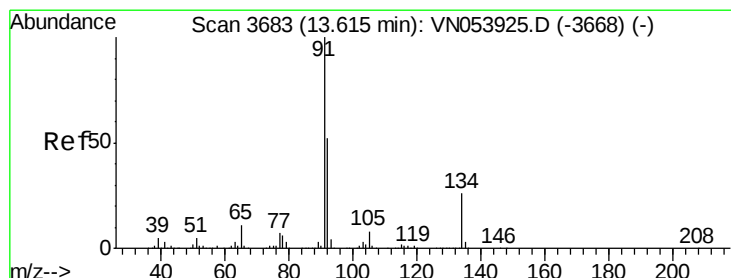
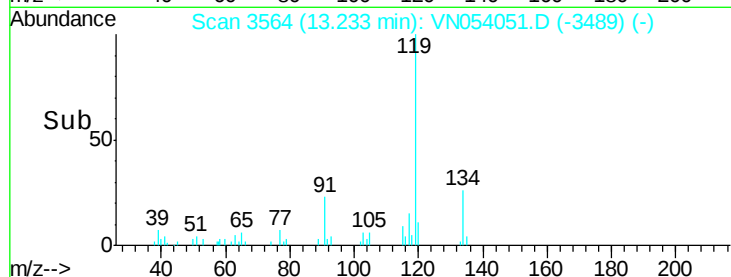
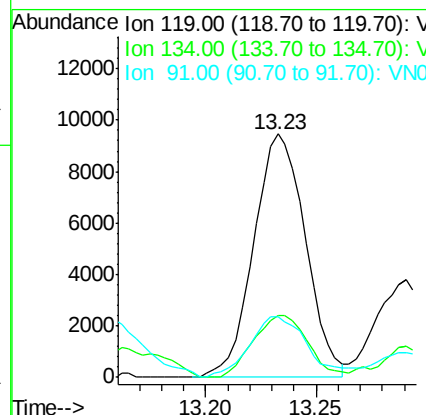
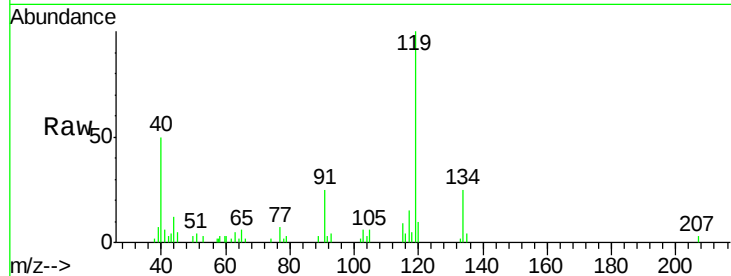




#86
 p-Isopropyltoluene
 Concen: 0.550 ug/l
 RT: 13.23 min Scan# 3564
 Delta R.T. -0.06 min
 Lab File: VN054051.D
 Acq: 2 Mar 2019 1:03

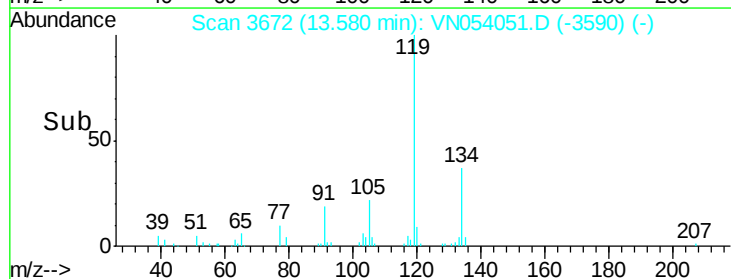
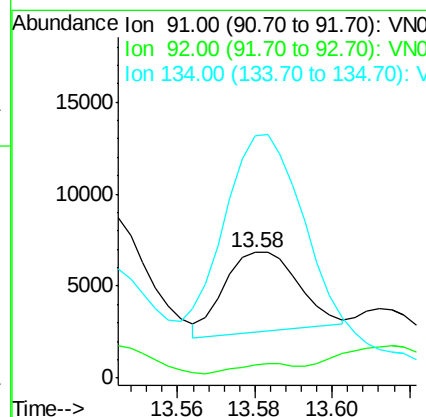
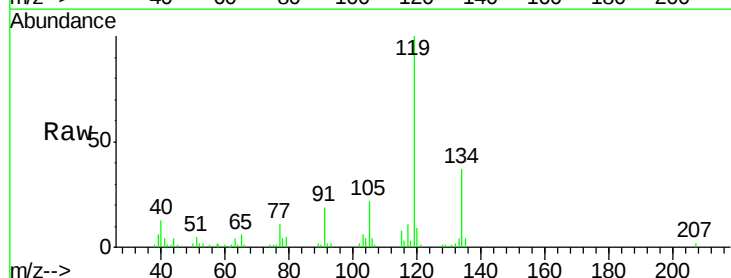
Instrument :
 MSVOA_N
 ClientSampled :
 Z-3-12-B

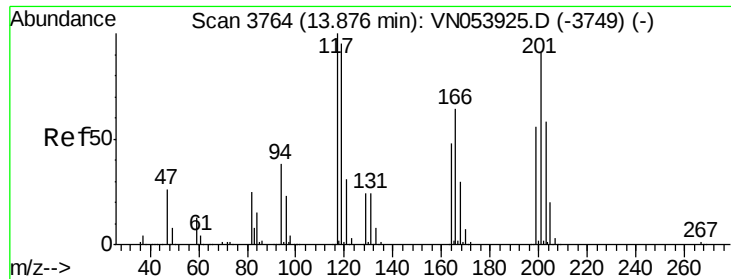
Tot Ion: 119 Resp: 15342
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 28.5 10.9 32.6



#89
 n-Butylbenzene
 Concen: 0.247 ug/l
 RT: 13.58 min Scan# 3672
 Delta R.T. -0.04 min
 Lab File: VN054051.D
 Acq: 2 Mar 2019 1:03

Tgt Ion: 91 Resp: 5804
 Ion Ratio Lower Upper
 91 100
 92 16.8 26.1 78.2#
 134 401.3 13.6 40.8#





#90

Hexachloroethane

Concen: 0.798 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

Instrument :

MSVOA_N

ClientSampleId :

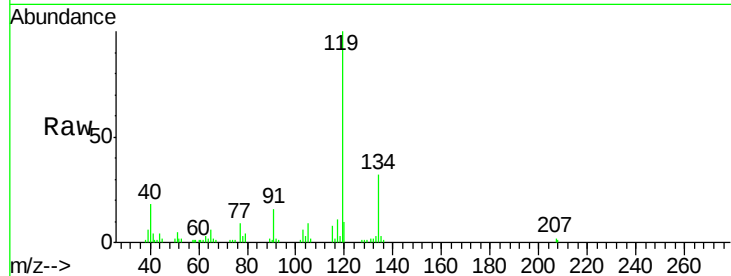
Z-3-12-B

Tot Ion:117 Resp: 4309

Ion Ratio Lower Upper

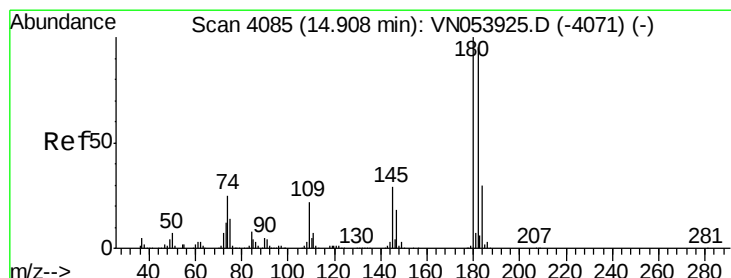
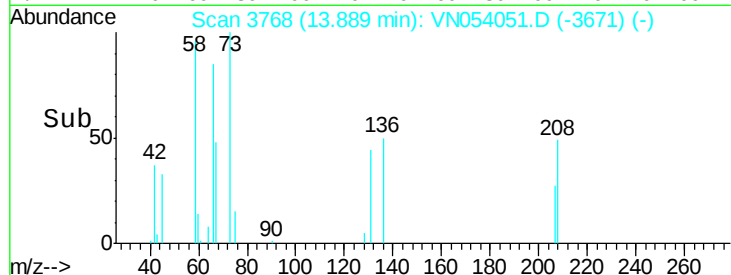
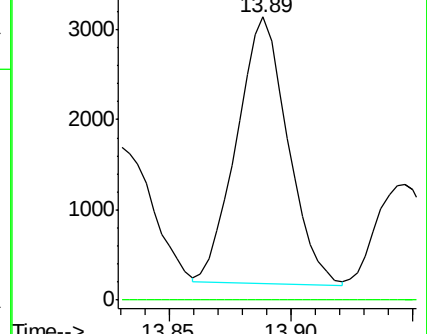
117 100

201 0.0 48.0 144.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 2.231 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

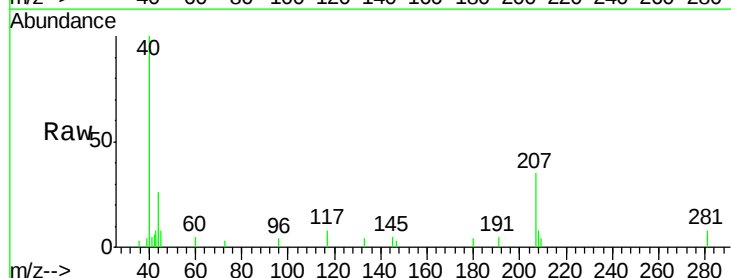
Tgt Ion:180 Resp: 66

Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

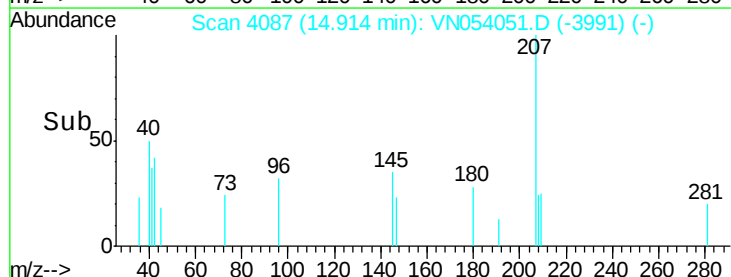
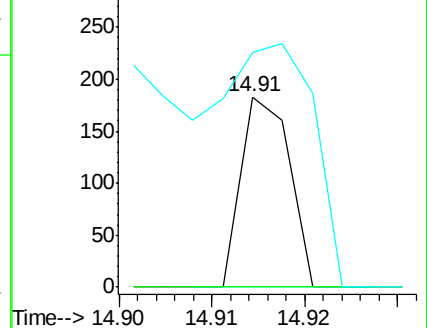
145 242.4 13.8 41.3#

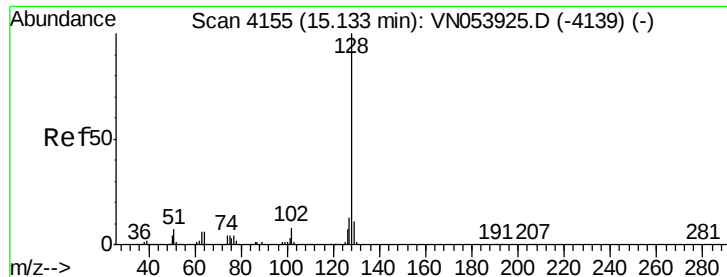


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 5.031 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054051.D

Acq: 2 Mar 2019 1:03

Instrument :

MSVOA_N

ClientSampleId :

Z-3-12-B

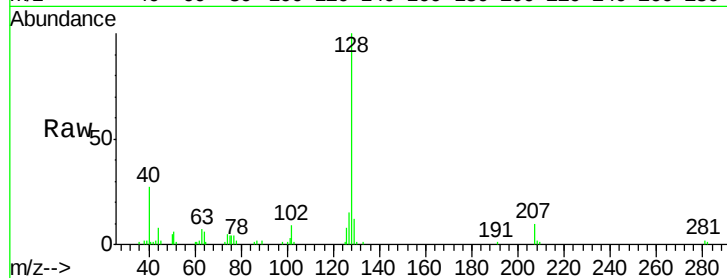
Tot Ion:128 Resp: 32964

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 12.1 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

