

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054045.D
 Acq On : 1 Mar 2019 22:22
 Operator : JC/SP
 Sample : K1675-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-1-A

Quant Time: Mar 02 04:48:46 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

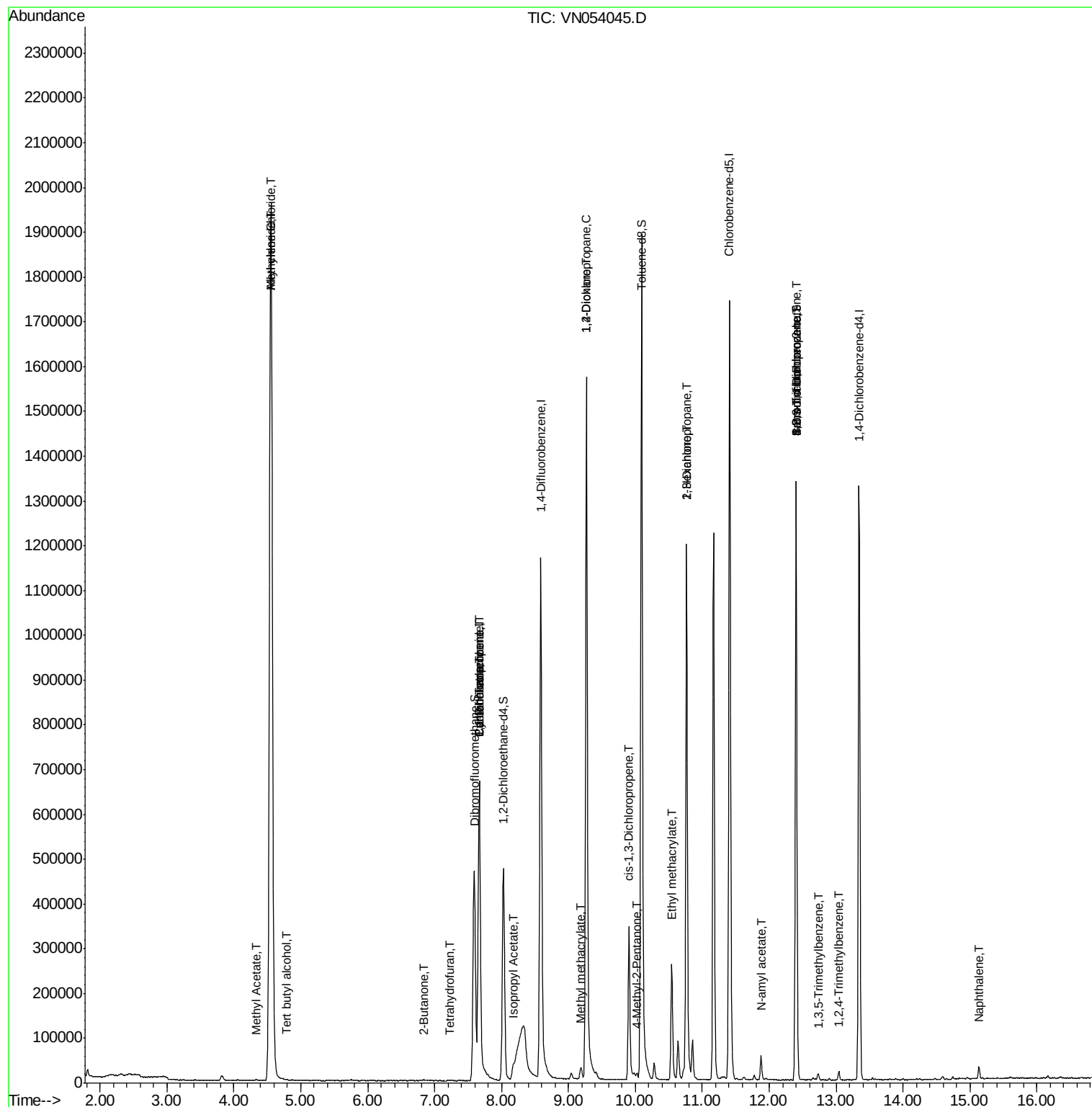
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	616977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1151857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1102254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	375491	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	405545	56.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.14%	
35) Dibromofluoromethane	7.59	113	372307	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.09	98	1457433	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.40	95	462809	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.78	59	392	0.855	ug/l #	73
14) Allyl chloride	4.55	41	61164	5.726	ug/l #	27
16) Acetone	3.82	43	18289	Below Cal		94
18) Methyl Acetate	4.33	43	4551	0.900	ug/l #	81
20) Methylene Chloride	4.55	84	1476963	206.336	ug/l	89
25) 2-Butanone	6.84	43	3399	1.197	ug/l #	81
29) Tetrahydrofuran	7.22	42	1063	0.562	ug/l #	77
31) Cyclohexane	7.67	56	11452	0.585	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	44486	4.153	ug/l #	47
38) Carbon Tetrachloride	7.67	117	54860	4.924	ug/l #	16
43) Isopropyl Acetate	8.17	43	41136	3.185	ug/l #	84
45) 1,2-Dichloropropane	9.26	63	2219	0.250	ug/l #	44
48) Methyl methacrylate	9.18	41	10507	1.769	ug/l #	12
49) 1,4-Dioxane	9.26	88	95	1.181	ug/l #	25
51) 4-Methyl-2-Pentanone	10.02	43	10198	1.537	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	65468	5.254	ug/l #	69
56) Ethyl methacrylate	10.54	69	1430	2.100	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	13057	1.068	ug/l #	43
59) 2-Hexanone	10.76	43	188418	43.655	ug/l #	49
71) Bromoform	12.40	173	3443	0.590	ug/l #	1
74) N-amyl acetate	11.88	43	17907	2.337	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	225899	37.503	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7757	0.324	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.40	75	225899	118.532	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	11538	0.483	ug/l	99
95) Naphthalene	15.13	128	21922	4.592	ug/l	98

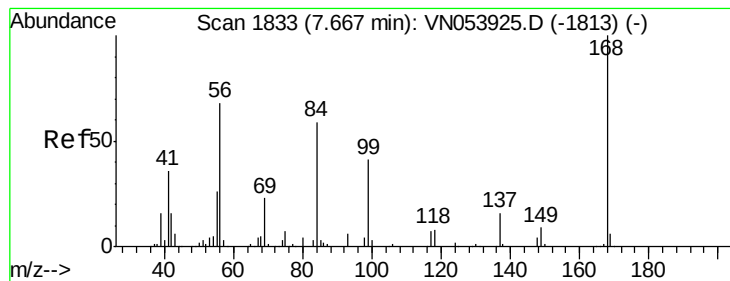
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

Instrument :

MSVOA_N

ClientSampled :

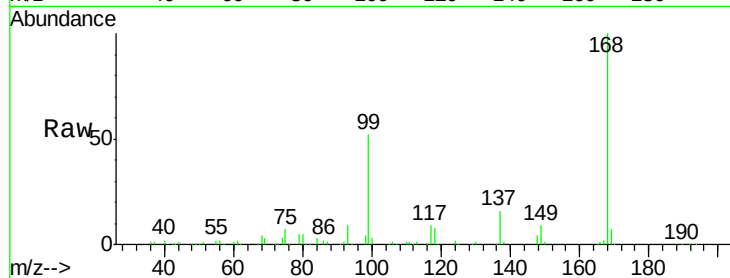
Z-3-1-A

Tot Ion:168 Resp: 616977

Ion Ratio Lower Upper

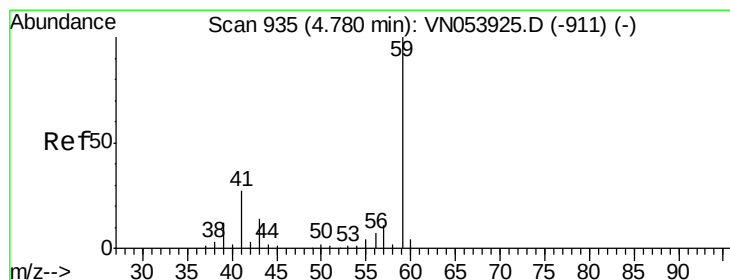
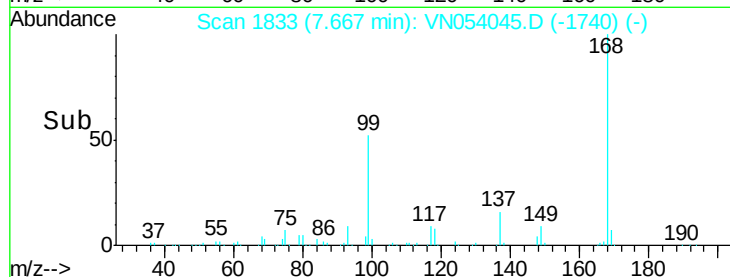
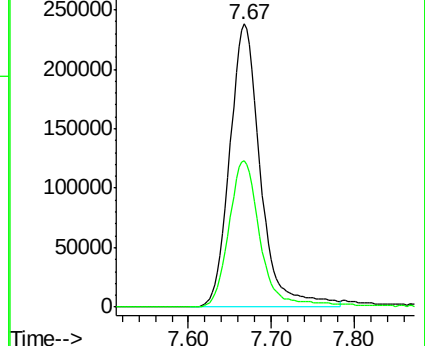
168 100

99 51.6 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: 0.855 ug/l

RT: 4.78 min Scan# 935

Delta R.T. 0.00 min

Lab File: VN054045.D

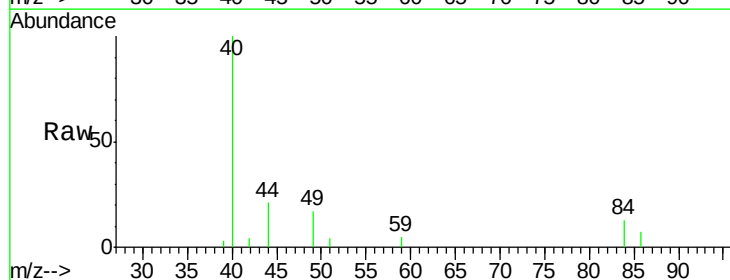
Acq: 1 Mar 2019 22:22

Tgt Ion: 59 Resp: 392

Ion Ratio Lower Upper

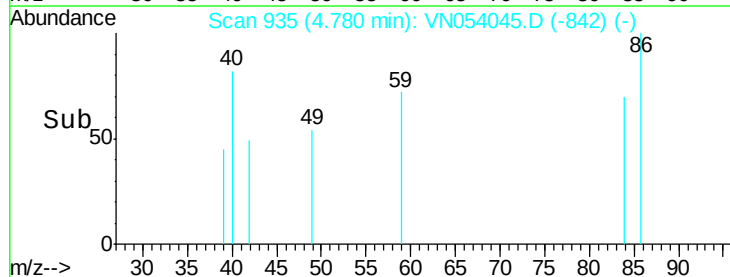
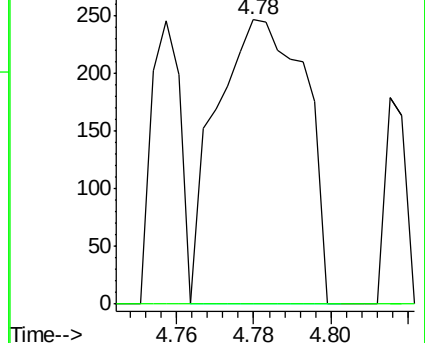
59 100

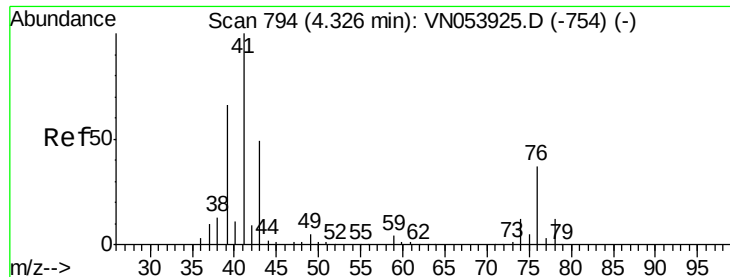
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

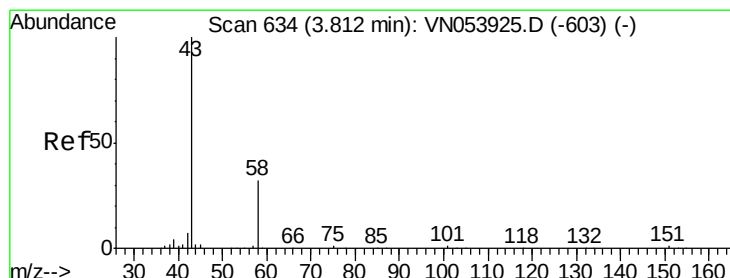
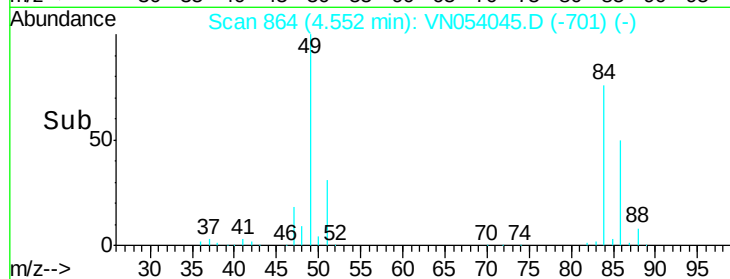
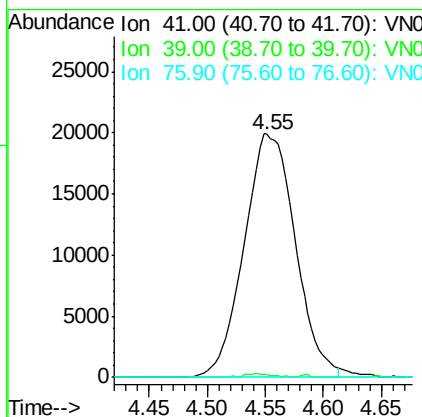
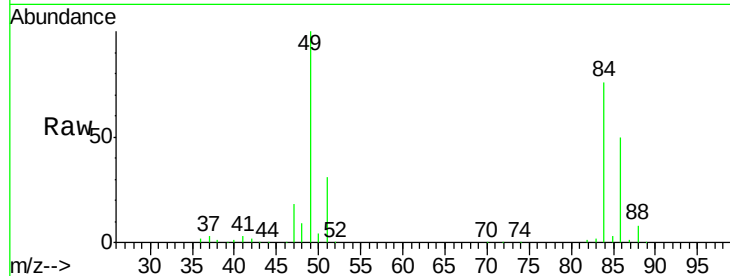




#14
Allvl chloride
Concen: 5.726 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.23 min
Lab File: VN054045.D
Acq: 1 Mar 2019 22:22

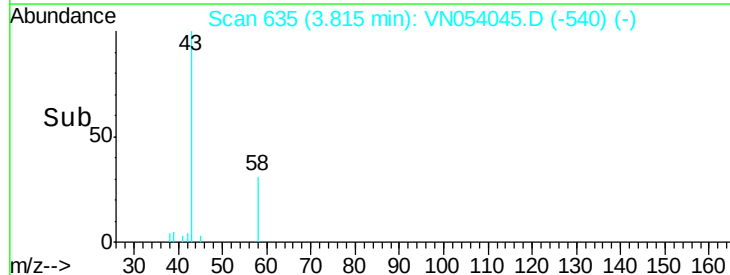
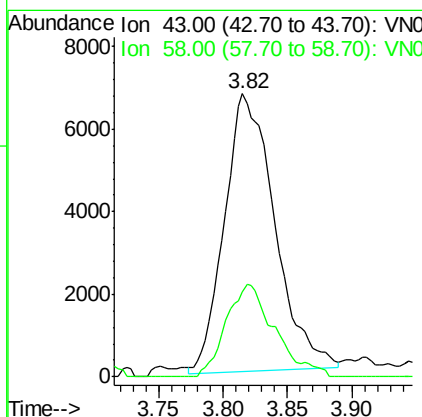
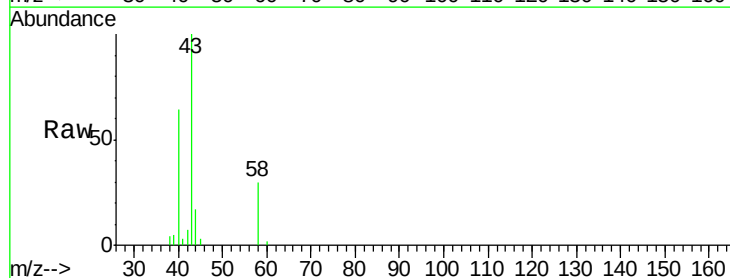
Instrument :
MSVOA_N
ClientSampled :
Z-3-1-A

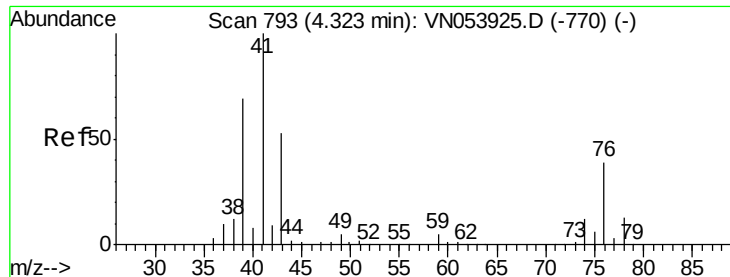
Tot Ion: 41 Resp: 61164
Ion Ratio Lower Upper
41 100
39 0.7 48.8 73.2#
76 0.0 30.9 46.3#



#16
Acetone
Concen: Below Cal
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN054045.D
Acq: 1 Mar 2019 22:22

Tgt Ion: 43 Resp: 18289
Ion Ratio Lower Upper
43 100
58 31.1 27.6 41.4





#18

Methyl Acetate

Concen: 0.900 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

Instrument :

MSVOA_N

ClientSampled :

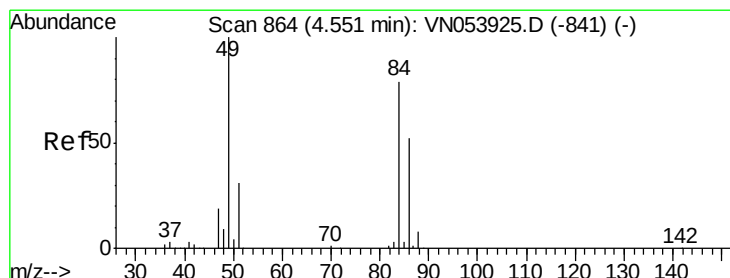
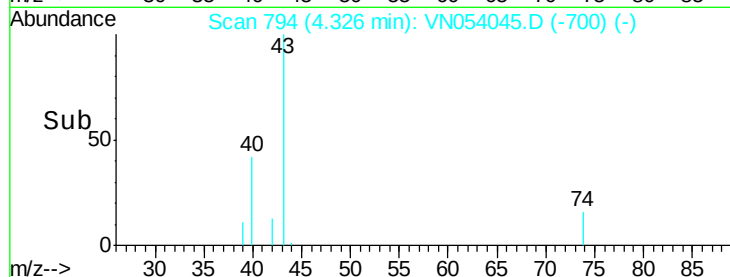
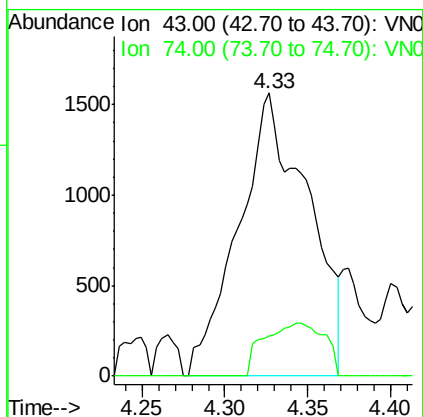
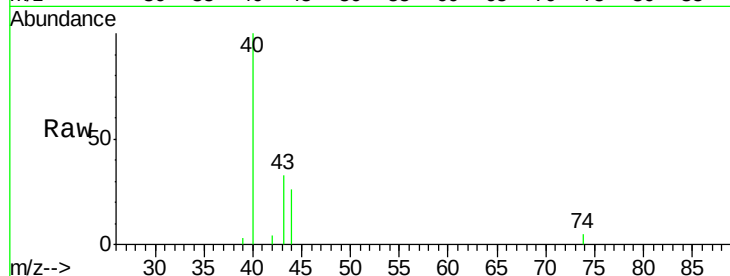
Z-3-1-A

Tot Ion: 43 Resp: 4551

Ion Ratio Lower Upper

43 100

74 16.2 20.5 30.7#



#20

Methylene Chloride

Concen: 206.336 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

Tgt Ion: 84 Resp: 1476963

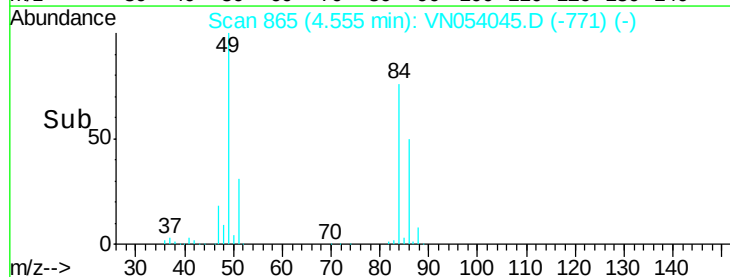
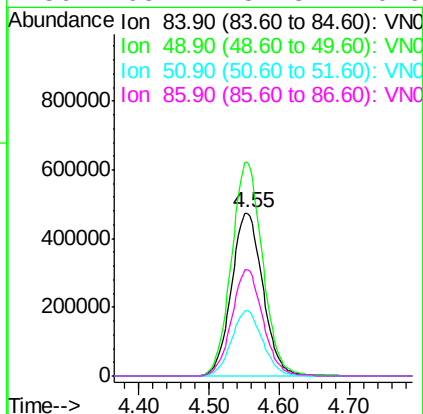
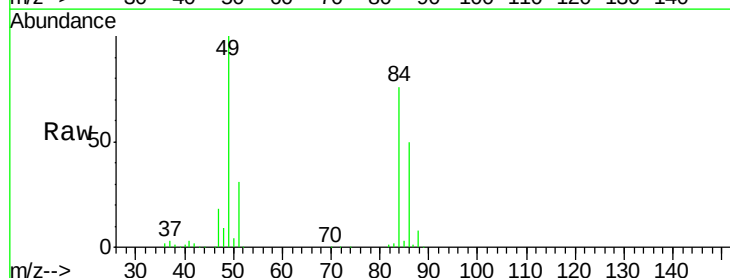
Ion Ratio Lower Upper

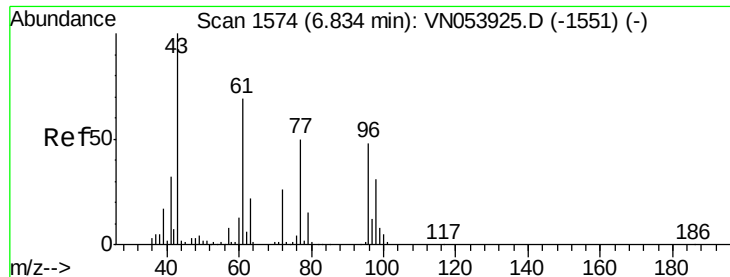
84 100

49 130.9 89.7 134.5

51 40.4 27.8 41.8

86 65.4 51.3 76.9





#25

2-Butanone

Concen: 1.197 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

Instrument :

MSVOA_N

ClientSampled :

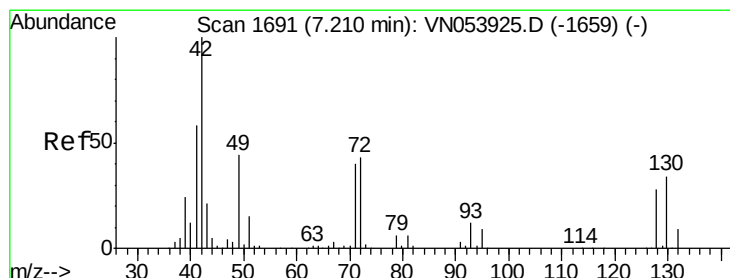
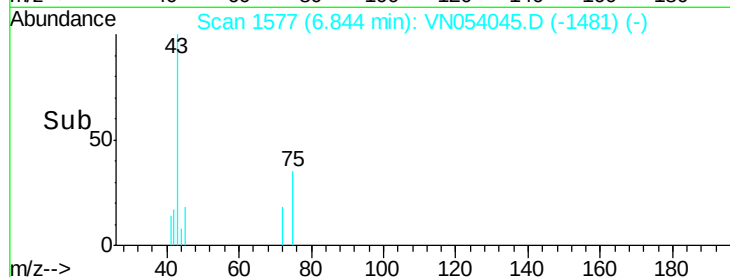
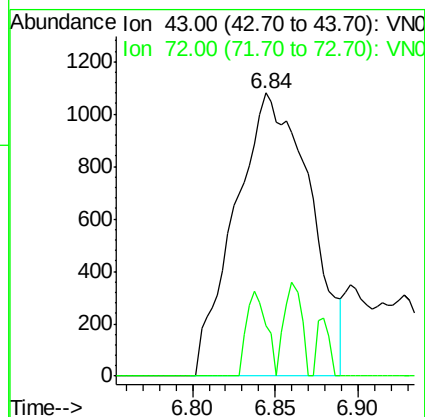
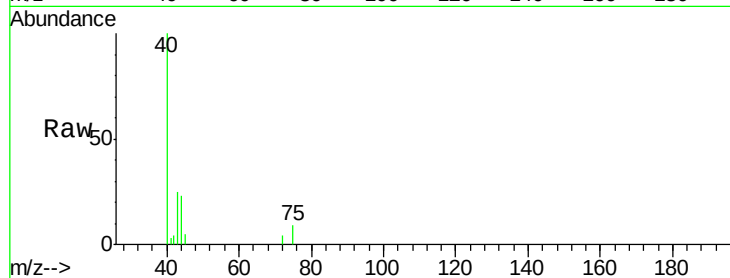
Z-3-1-A

Tot Ion: 43 Resp: 3399

Ion Ratio Lower Upper

43 100

72 17.7 22.1 33.1#



#29

Tetrahydrofuran

Concen: 0.562 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

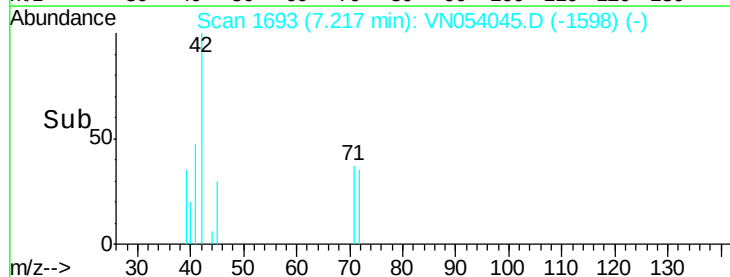
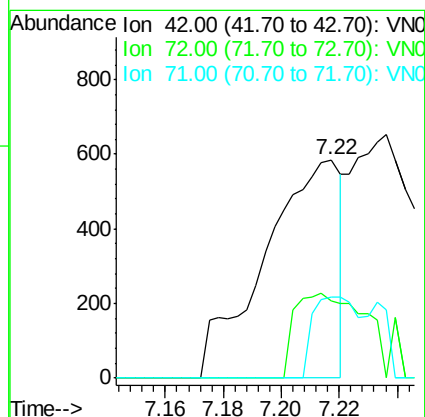
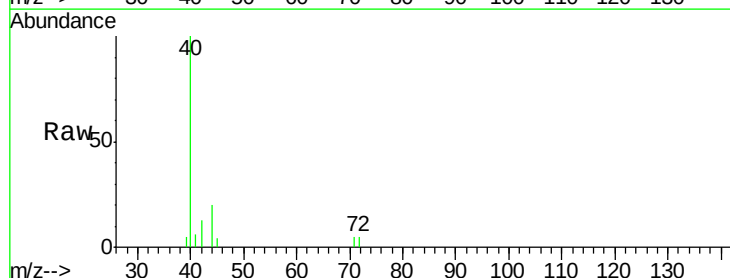
Tgt Ion: 42 Resp: 1063

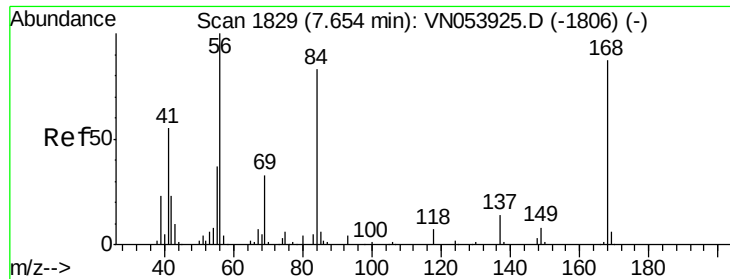
Ion Ratio Lower Upper

42 100

72 38.3 36.9 55.3

71 21.4 34.6 52.0#





#31

Cyclohexane

Concen: 0.585 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

Instrument :

MSVOA_N

ClientSampled :

Z-3-1-A

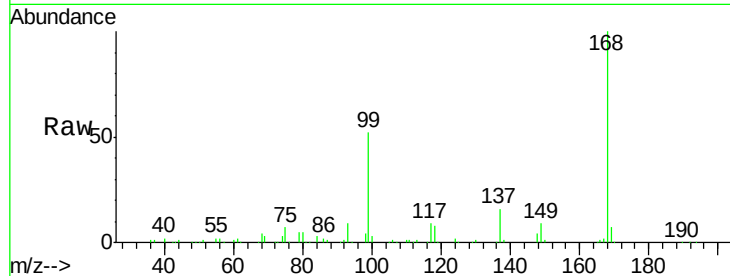
Tot Ion: 56 Resp: 11452

Ion Ratio Lower Upper

56 100

69 154.6 26.0 39.0#

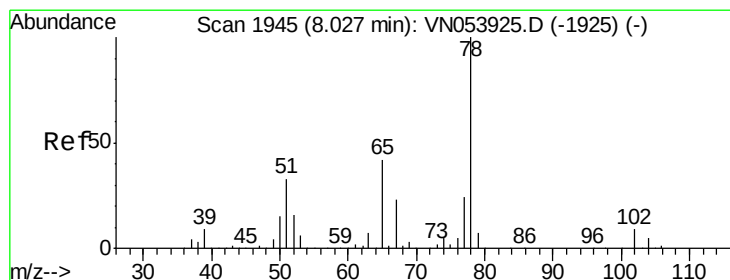
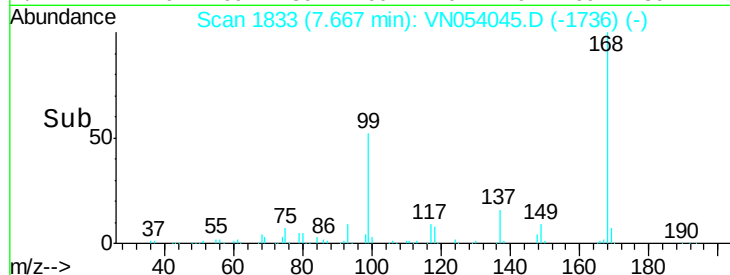
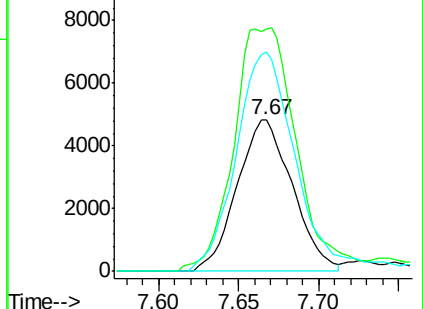
84 144.3 69.1 103.7#



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: 56.074 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054045.D

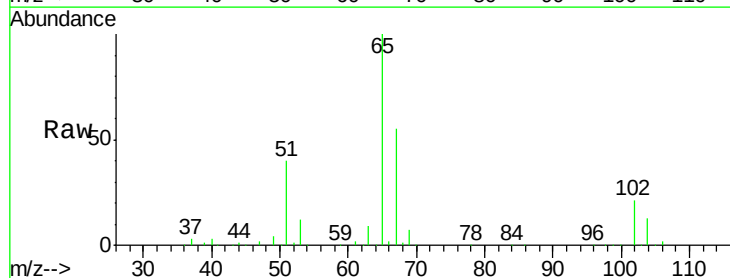
Acq: 1 Mar 2019 22:22

Tgt Ion: 65 Resp: 405545

Ion Ratio Lower Upper

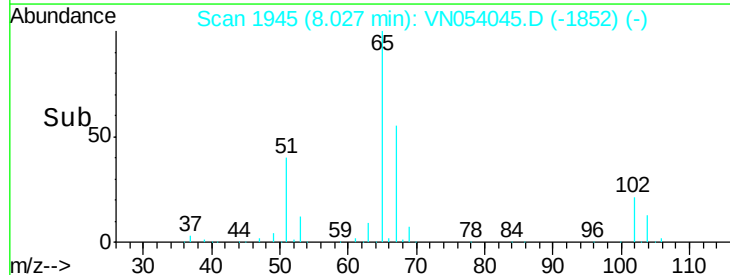
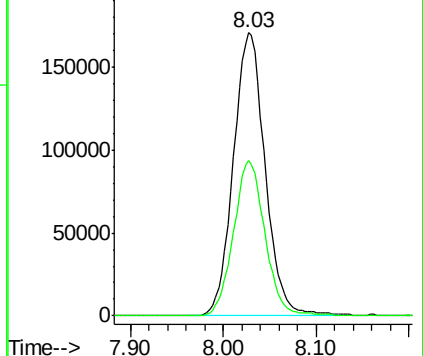
65 100

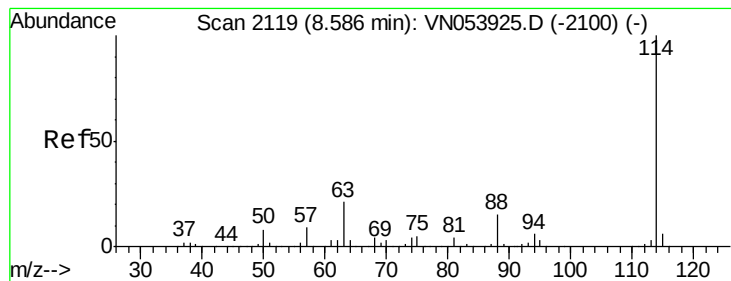
67 54.6 0.0 111.8



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: VN054045.D

Acq: 1 Mar 2019 22:22

Instrument :

MSVOA_N

ClientSampleId :

Z-3-1-A

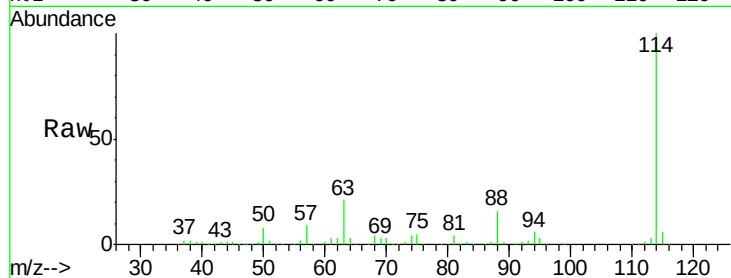
Tot Ion:114 Resp: 1151857

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

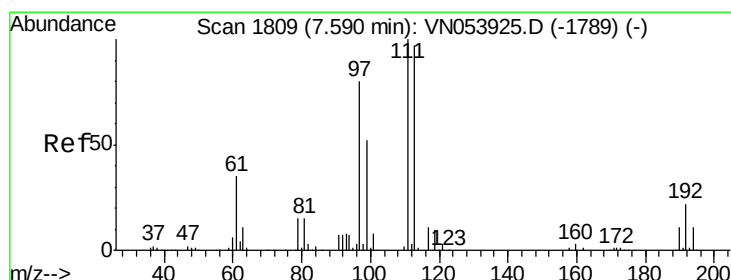
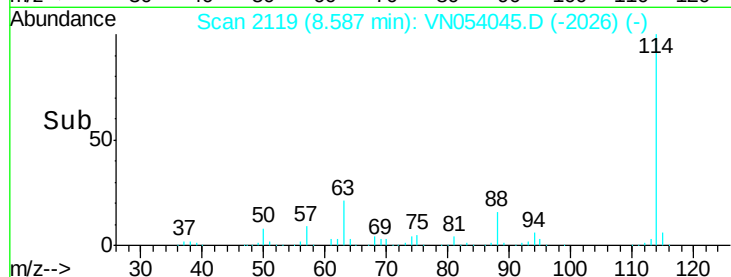
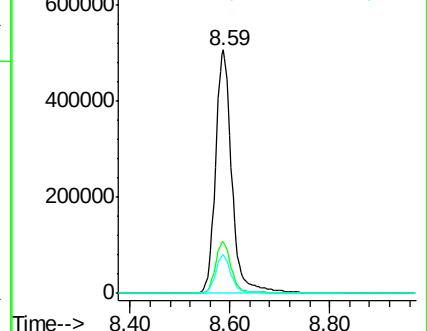
88 15.9 0.0 30.4



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



#35

Dibromofluoromethane

Concen: 49.984 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

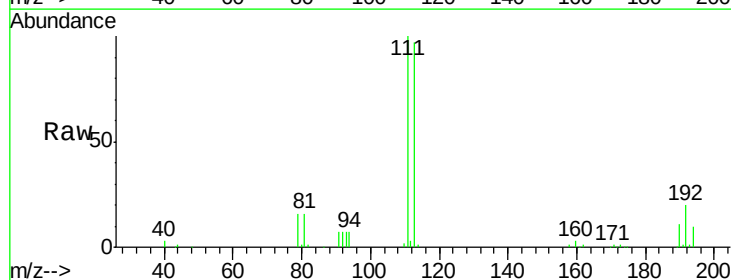
Tgt Ion:113 Resp: 372307

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

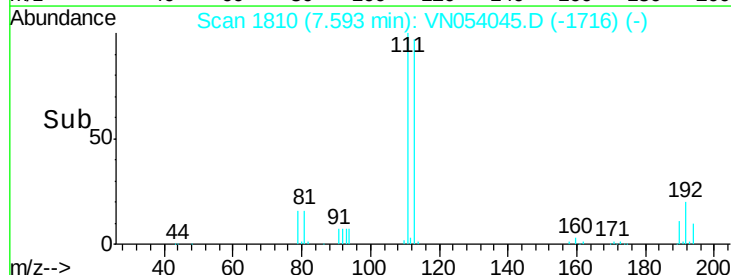
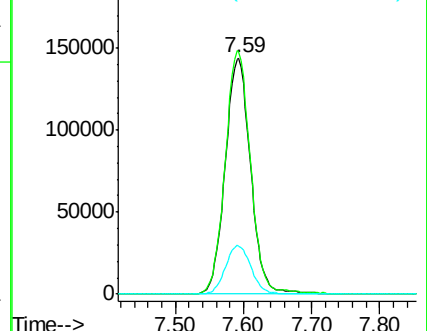
192 20.8 18.8 28.2

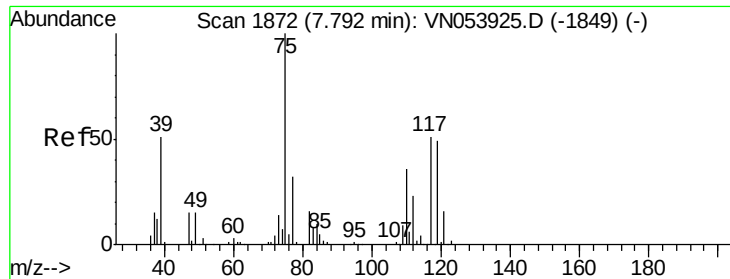


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.153 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

Instrument :

MSVOA_N

ClientSampleId :

Z-3-1-A

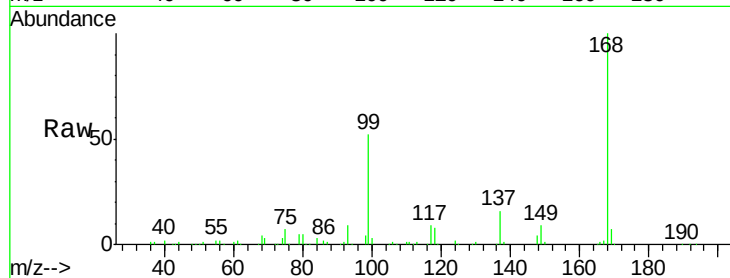
Tot Ion: 75 Resp: 44486

Ion Ratio Lower Upper

75 100

110 8.3 19.0 57.0#

77 0.0 25.4 38.0#

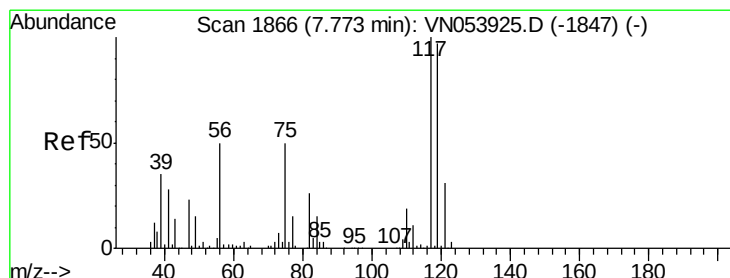
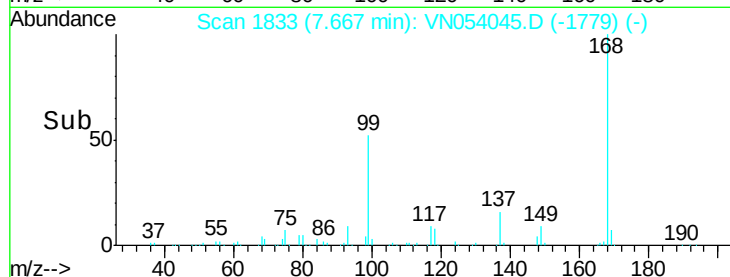


Abundance Ion 74.90 (74.60 to 75.60): VN053925.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN053925.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN053925.D (-1849) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.924 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

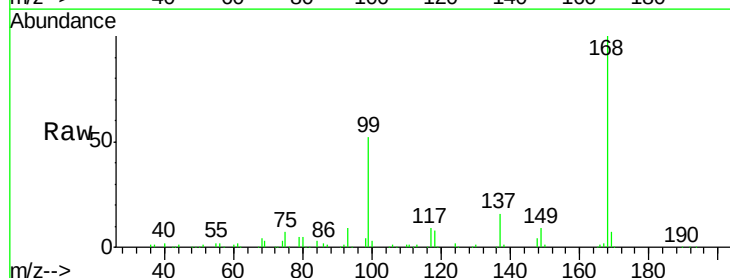
Tgt Ion: 117 Resp: 54860

Ion Ratio Lower Upper

117 100

119 5.4 76.2 114.2#

121 0.0 24.6 36.8#

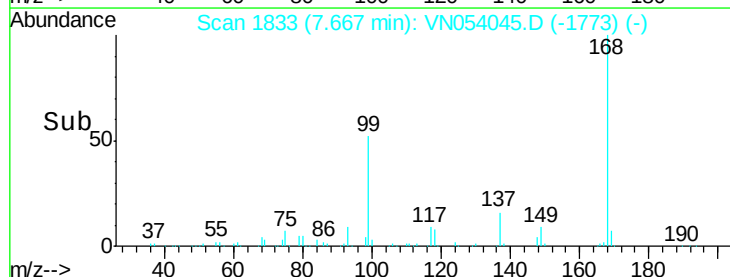


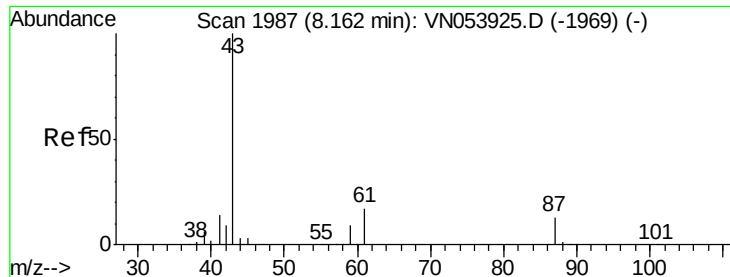
Abundance Ion 116.80 (116.50 to 117.50): VN053925.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN053925.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN053925.D (-1847) (-)

Time-->





#43

Isopropyl Acetate

Concen: 3.185 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

Instrument :

MSVOA_N

ClientSampled :

Z-3-1-A

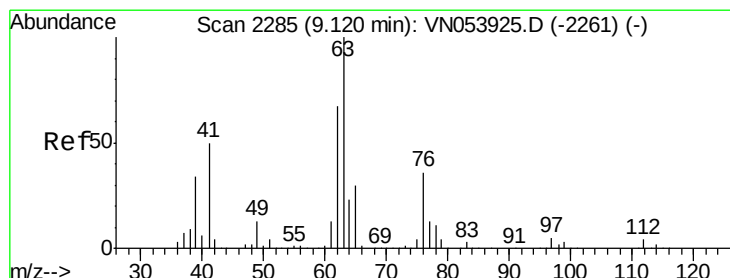
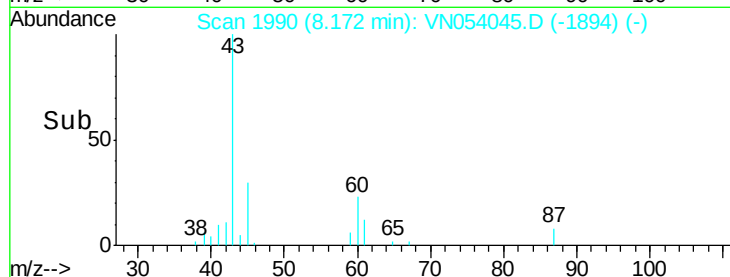
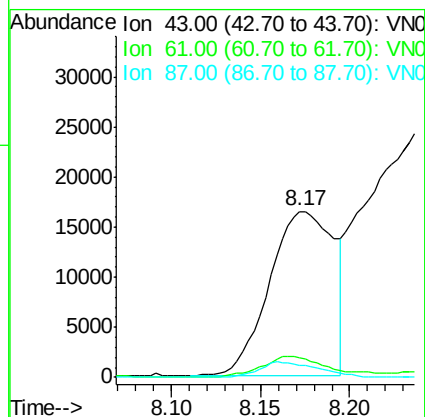
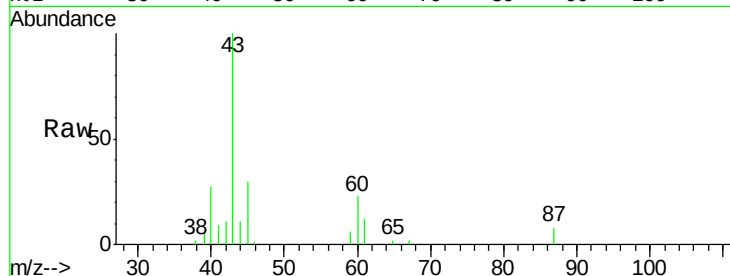
Tot Ion: 43 Resp: 41136

Ion Ratio Lower Upper

43 100

61 13.6 17.4 26.0#

87 8.4 11.5 17.3#



#45

1,2-Dichloropropane

Concen: 0.250 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.14 min

Lab File: VN054045.D

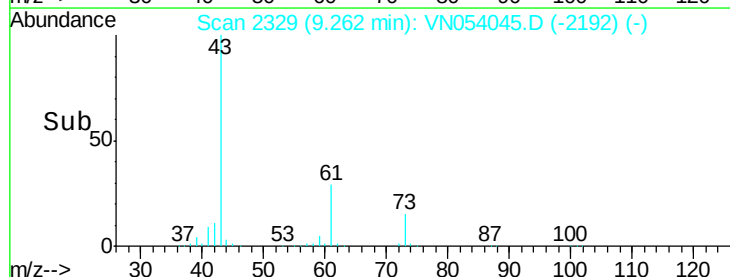
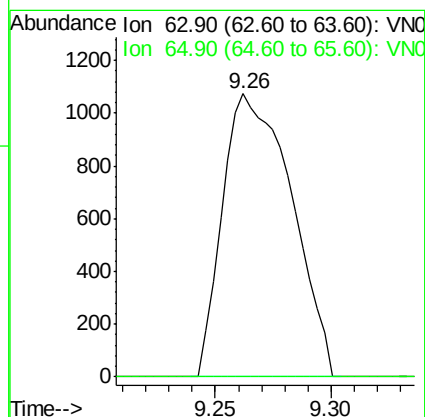
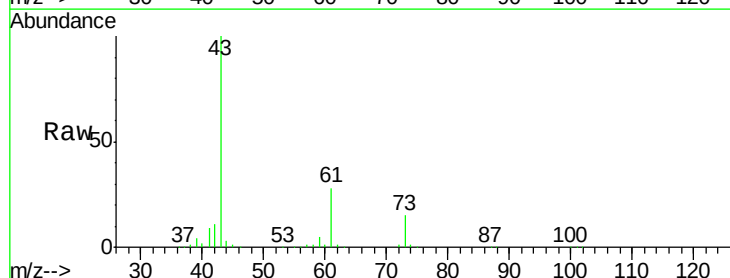
Acq: 1 Mar 2019 22:22

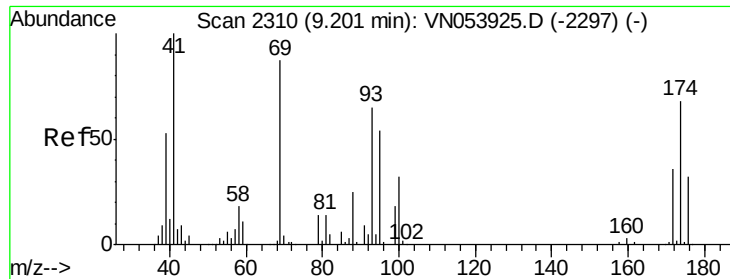
Tgt Ion: 63 Resp: 2219

Ion Ratio Lower Upper

63 100

65 0.0 24.3 36.5#

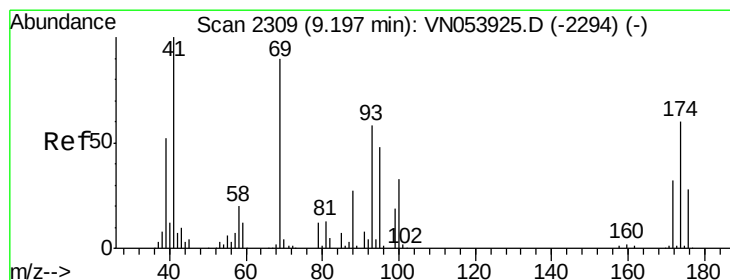
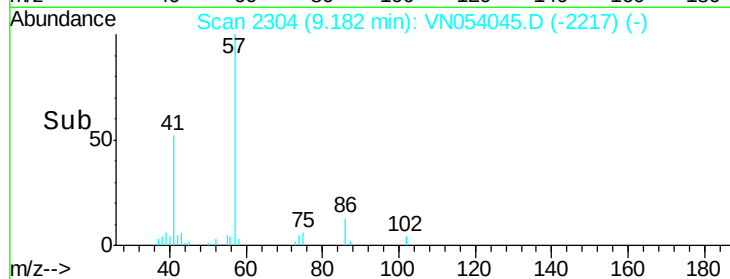
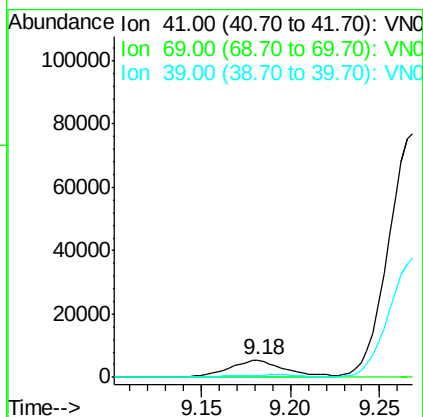
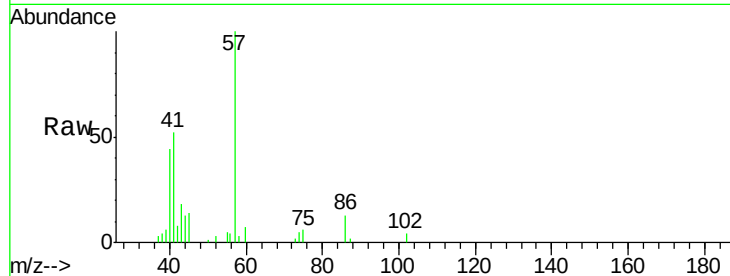




#48
Methvl methacrylate
Concen: 1.769 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN054045.D
Acq: 1 Mar 2019 22:22

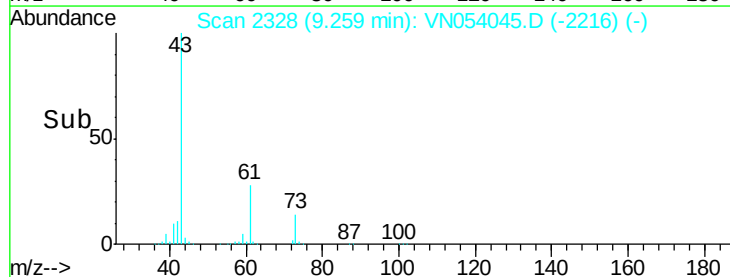
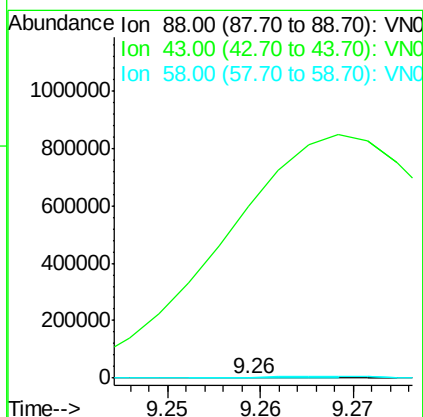
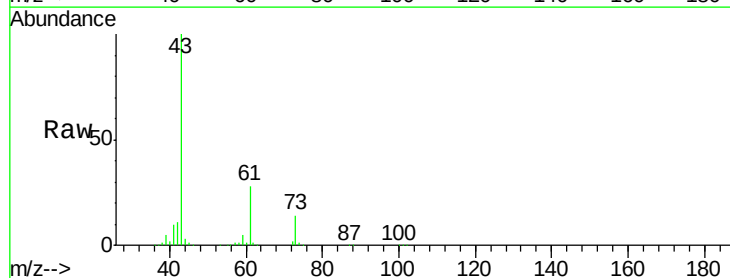
Instrument :
MSVOA_N
ClientSampled :
Z-3-1-A

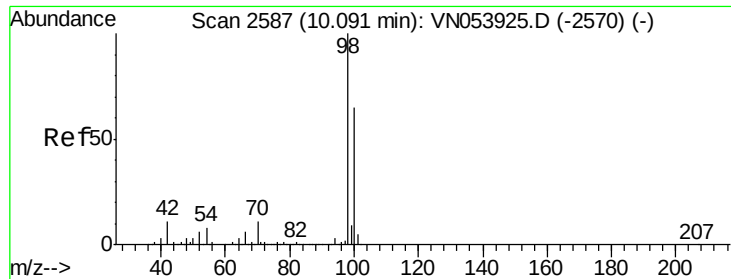
Tot Ion: 41 Resp: 10507
Ion Ratio Lower Upper
41 100
69 0.0 74.8 112.2#
39 0.0 39.0 58.6#



#49
1,4-Dioxane
Concen: 1.181 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN054045.D
Acq: 1 Mar 2019 22:22

Tgt Ion: 88 Resp: 95
Ion Ratio Lower Upper
88 100
43 0.0 21.2 31.8#
58 0.0 54.2 81.2#





#50

Toluene-d8

Concen: 52.562 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

Instrument :

MSVOA_N

ClientSampled :

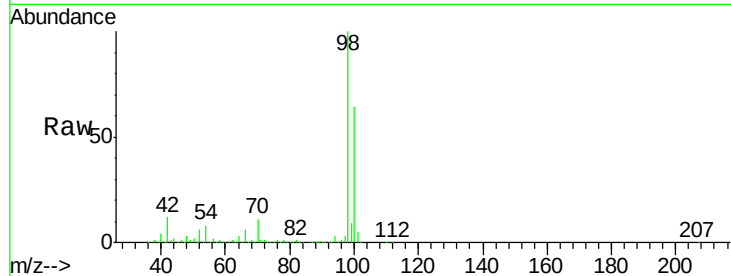
Z-3-1-A

Tot Ion: 98 Resp: 1457433

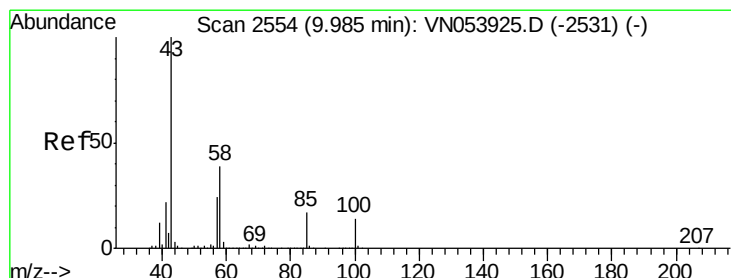
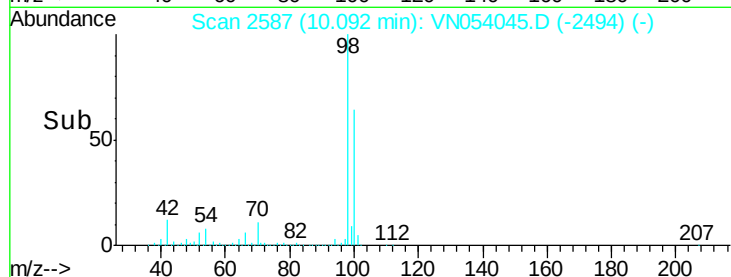
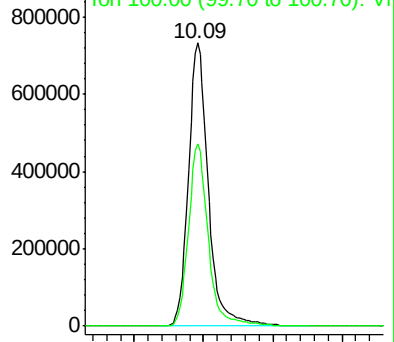
Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053925.D (-2570) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.537 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN054045.D

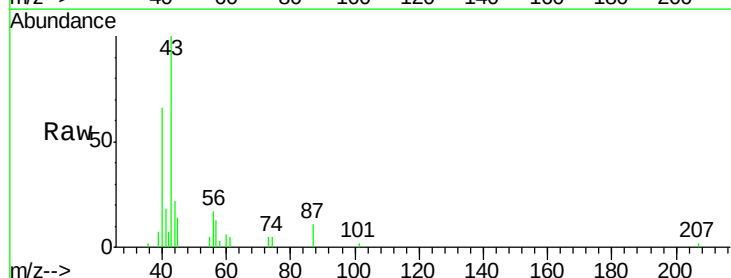
Acq: 1 Mar 2019 22:22

Tgt Ion: 43 Resp: 10198

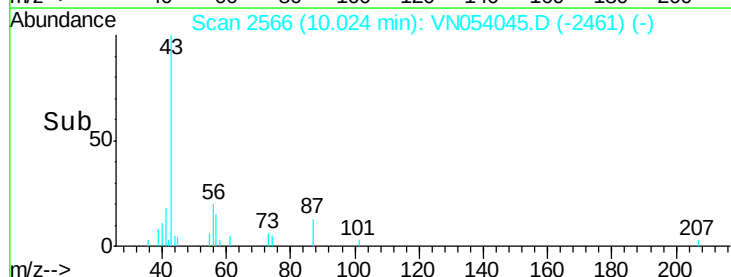
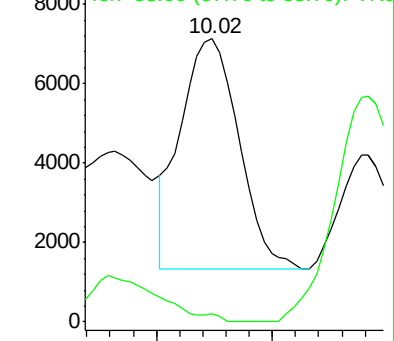
Ion Ratio Lower Upper

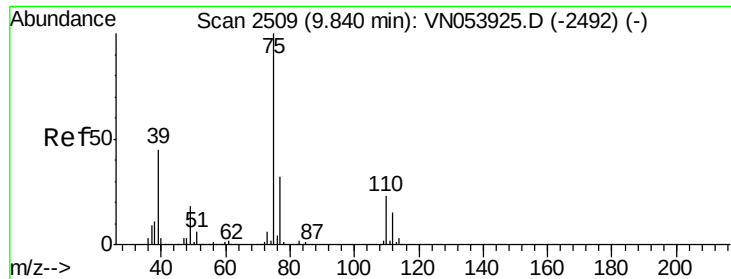
43 100

58 0.0 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-2531) (-)





#54

cis-1,3-Dichloropropene

Concen: 5.254 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

Instrument :

MSVOA_N

ClientSampled :

Z-3-1-A

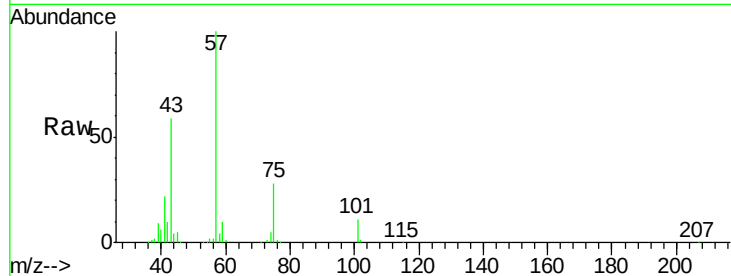
Tot Ion: 75 Resp: 65468

Ion Ratio Lower Upper

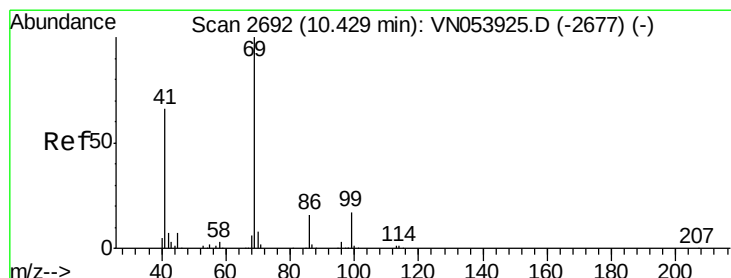
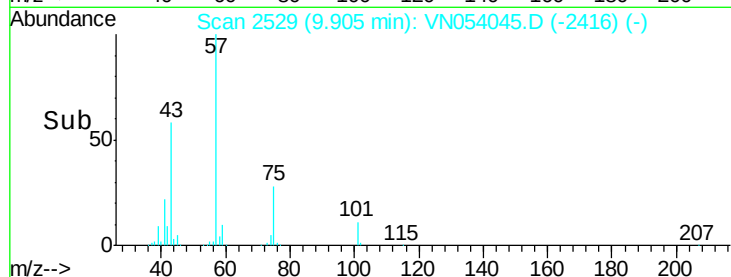
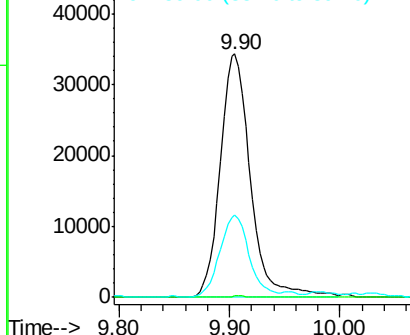
75 100

77 0.4 25.8 38.6#

39 33.6 31.4 47.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 76.90 (76.60 to 77.60): VNO
Ion 39.00 (38.70 to 39.70): VNO



#56

Ethyl methacrylate

Concen: 2.100 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

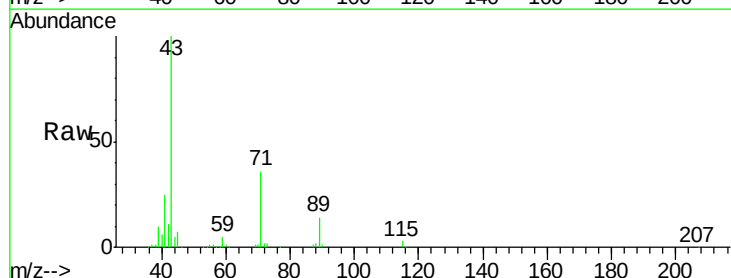
Tgt Ion: 69 Resp: 1430

Ion Ratio Lower Upper

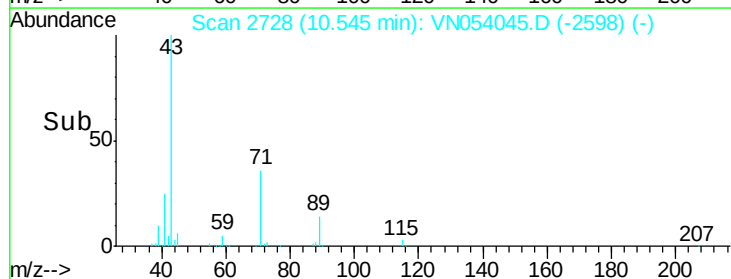
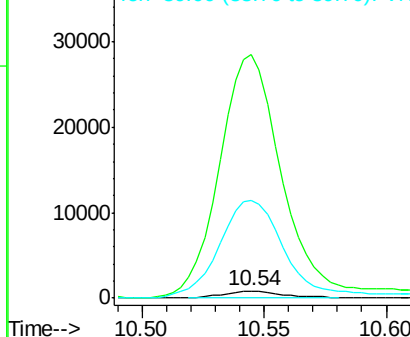
69 100

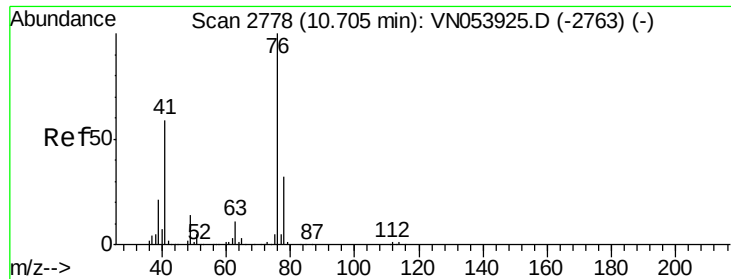
41 3628.3 47.5 71.3#

39 1517.3 23.4 35.0#



Abundance Ion 69.00 (68.70 to 69.70): VNO
Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

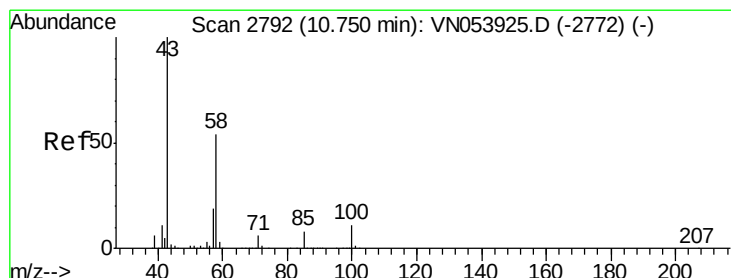
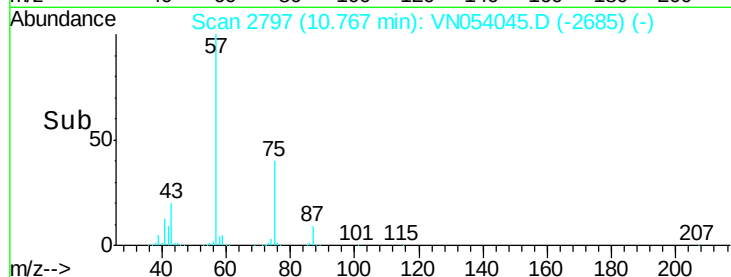
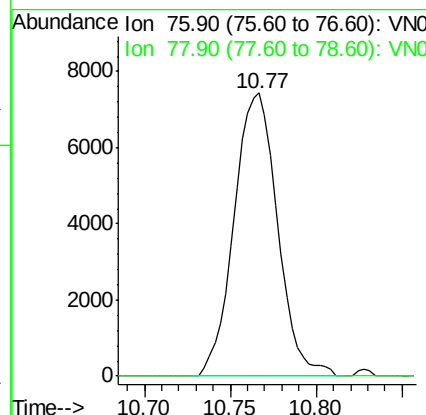
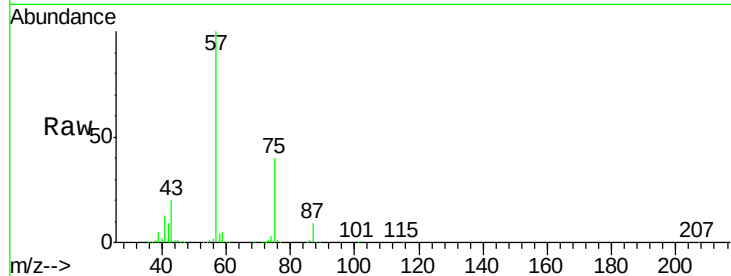




#57
 1,3-Dichloropropane
 Concen: 1.068 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054045.D
 Acq: 1 Mar 2019 22:22

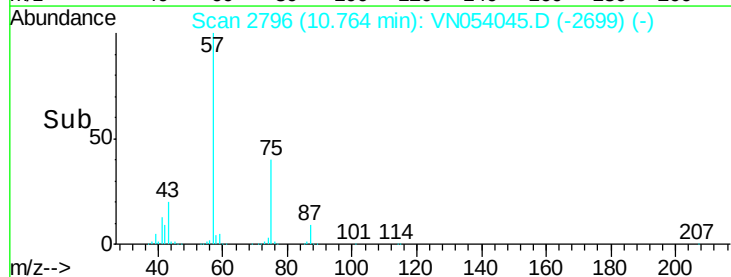
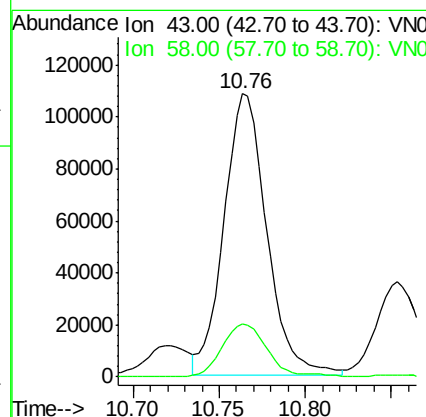
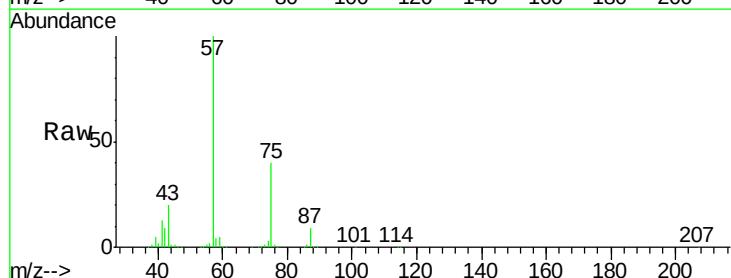
Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-1-A

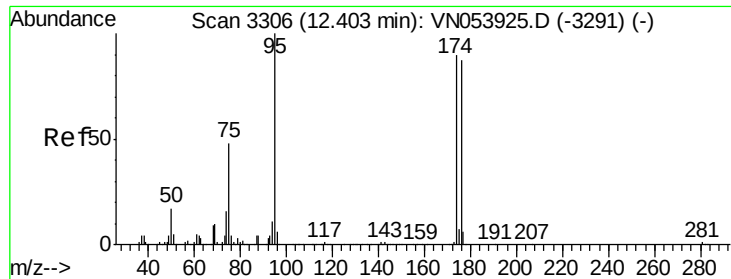
Tot Ion: 76 Resp: 13057
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.2 37.8#



#59
 2-Hexanone
 Concen: 43.655 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN054045.D
 Acq: 1 Mar 2019 22:22

Tgt Ion: 43 Resp: 188418
 Ion Ratio Lower Upper
 43 100
 58 20.0 29.1 87.4#





#62

4-Bromofluorobenzene

Concen: 50.098 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

Instrument :

MSVOA_N

ClientSampleId :

Z-3-1-A

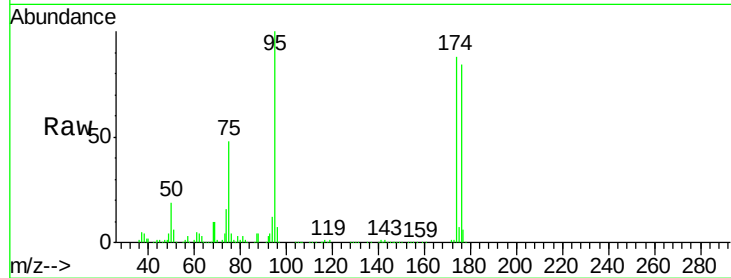
Tot Ion: 95 Resp: 462809

Ion Ratio Lower Upper

95 100

174 87.7 0.0 188.8

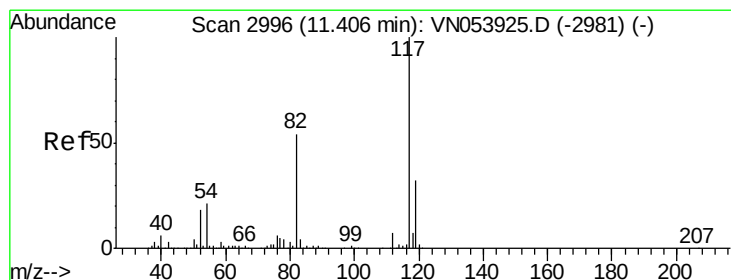
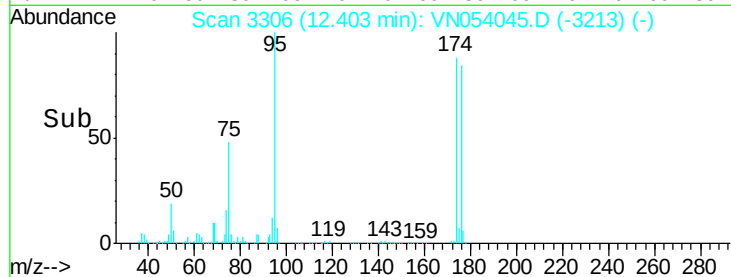
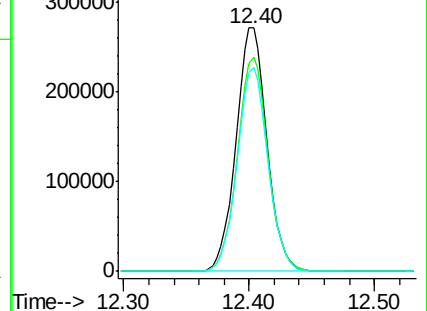
176 83.5 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

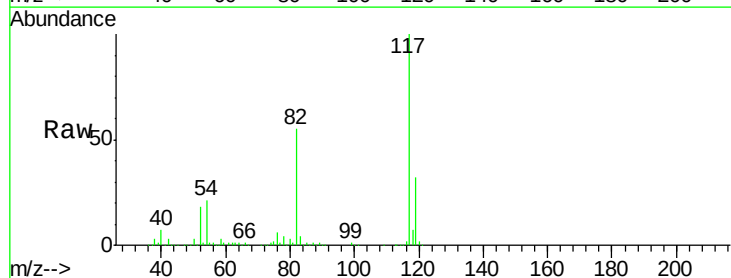
Tgt Ion: 117 Resp: 1102254

Ion Ratio Lower Upper

117 100

82 55.0 41.4 62.2

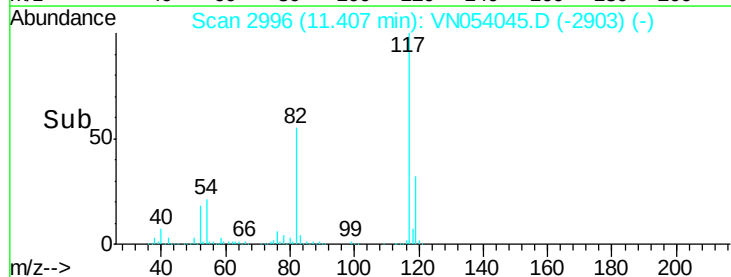
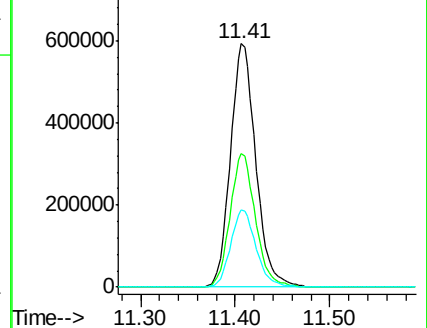
119 31.5 25.3 37.9

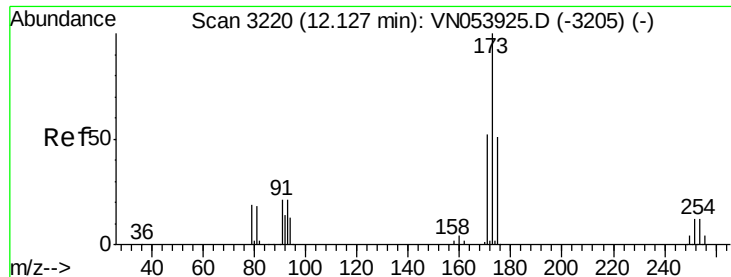


Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)

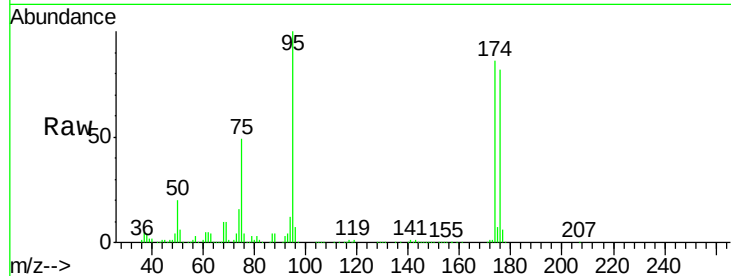




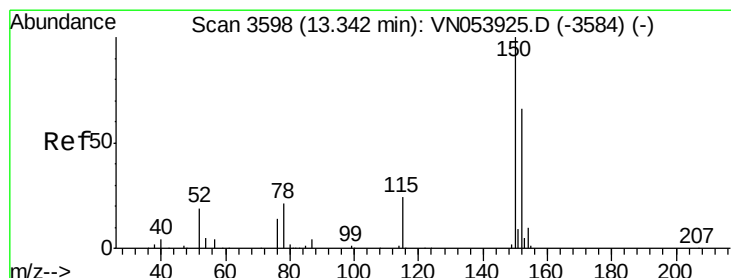
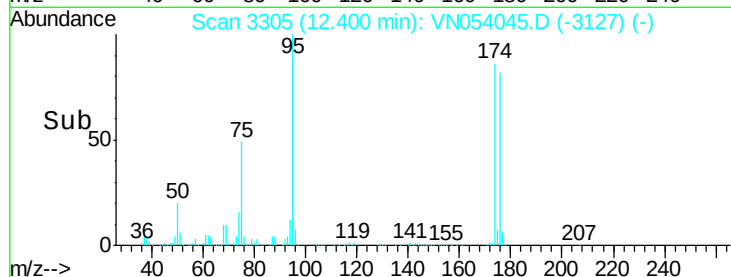
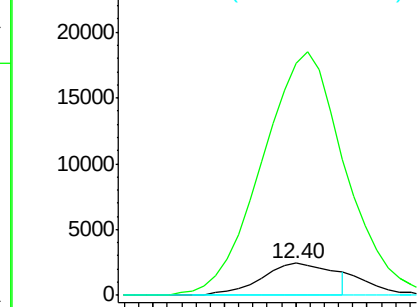
#71
Bromoform
Concen: 0.590 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054045.D
Acq: 1 Mar 2019 22:22

Instrument :
MSVOA_N
ClientSampled :
Z-3-1-A

Tot Ion:173 Resp: 3443
Ion Ratio Lower Upper
173 100
175 749.4 24.3 72.8#
254 0.0 0.2 0.2#

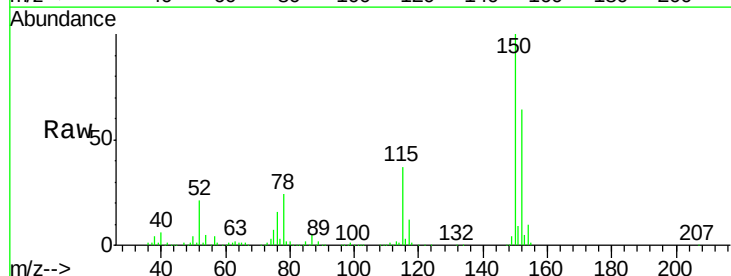


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

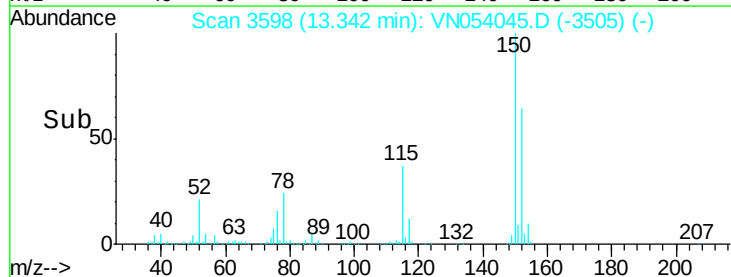
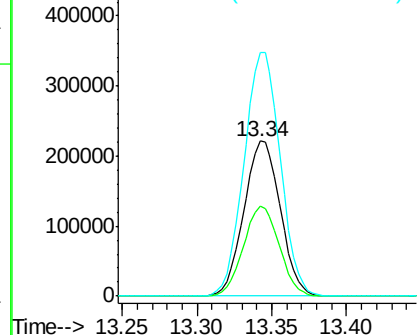


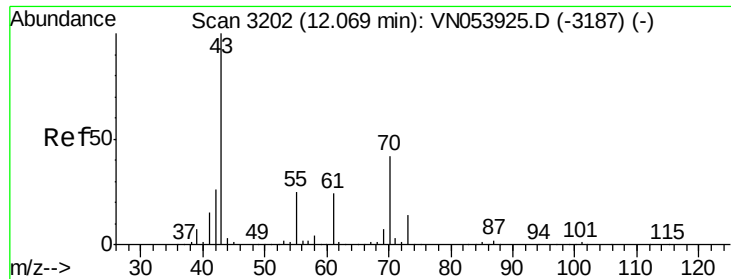
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054045.D
Acq: 1 Mar 2019 22:22

Tgt Ion:152 Resp: 375491
Ion Ratio Lower Upper
152 100
115 57.1 27.2 81.6
150 156.6 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: 2.337 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

Instrument :

MSVOA_N

ClientSampleId :

Z-3-1-A

Tot Ion: 43 Resp: 17907

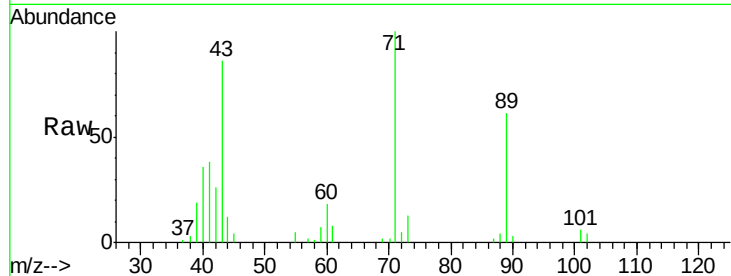
Ion Ratio Lower Upper

43 100

70 2.4 37.4 56.2#

55 5.1 21.4 32.0#

61 9.9 20.9 31.3#

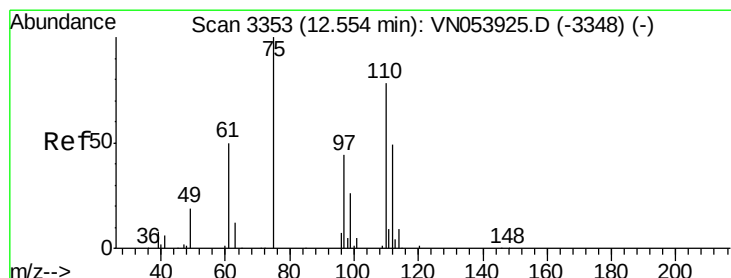
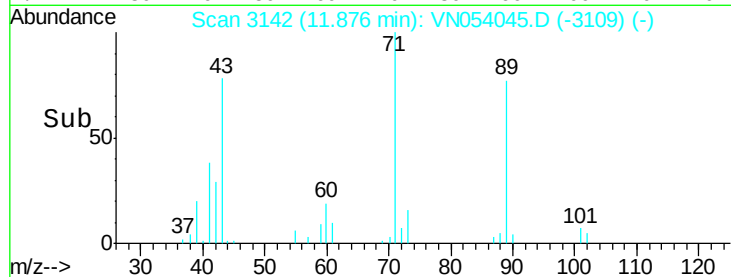
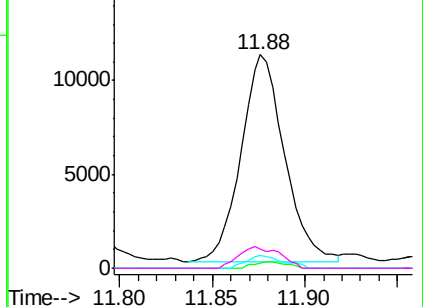


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 37.503 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054045.D

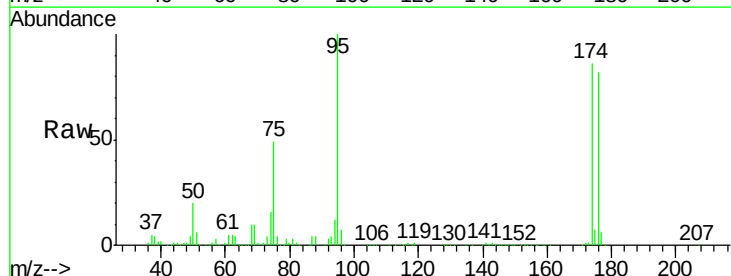
Acq: 1 Mar 2019 22:22

Tgt Ion: 75 Resp: 225899

Ion Ratio Lower Upper

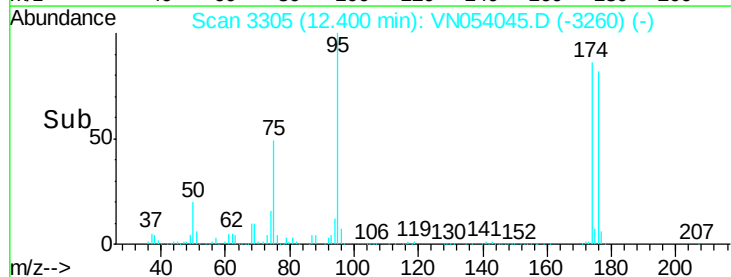
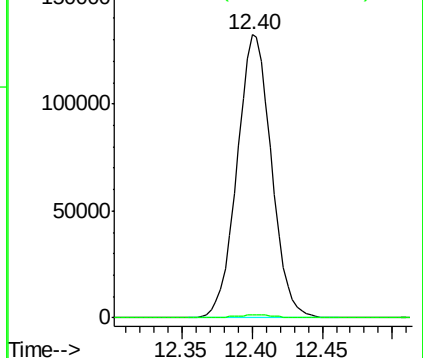
75 100

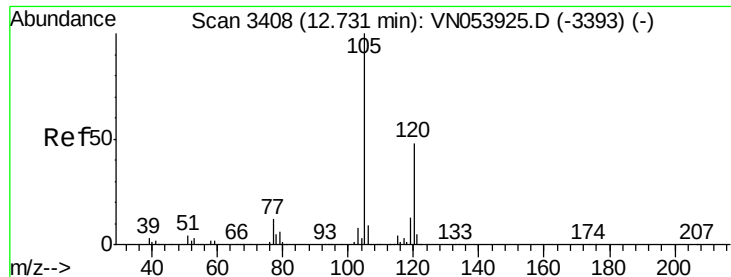
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.324 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

Instrument :

MSVOA_N

ClientSampled :

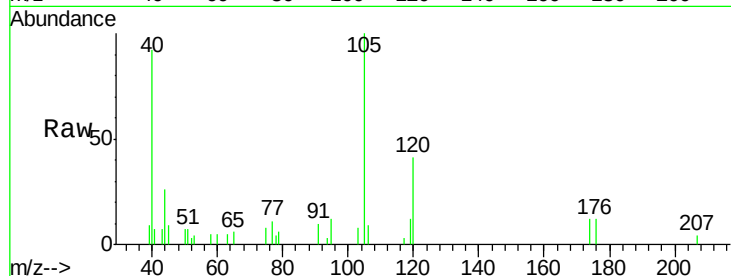
Z-3-1-A

Tot Ion:105 Resp: 7757

Ion Ratio Lower Upper

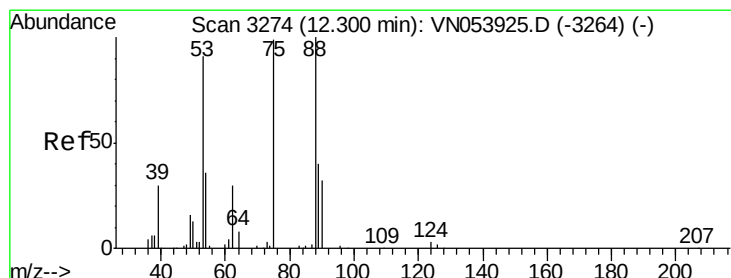
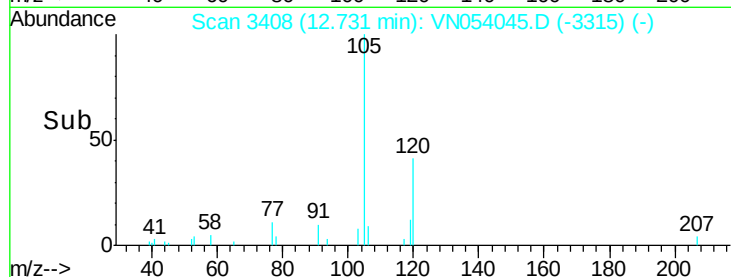
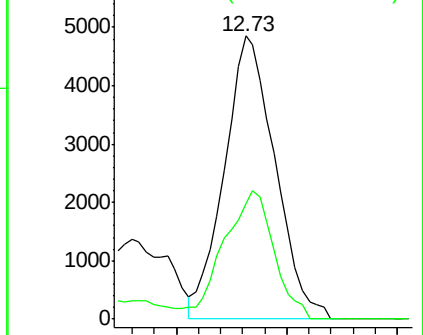
105 100

120 44.7 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 118.532 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

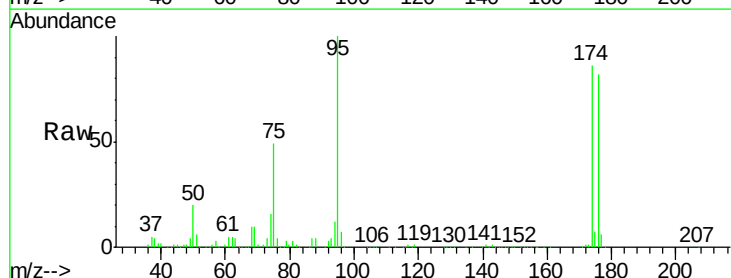
Tgt Ion: 75 Resp: 225899

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

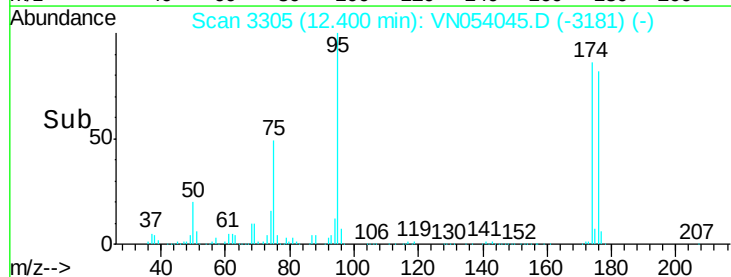
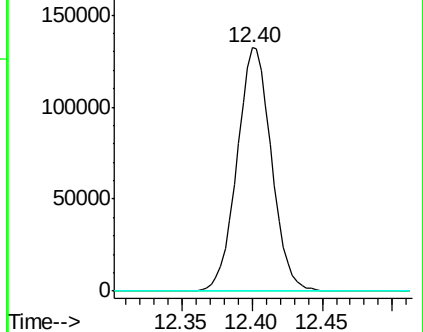
89 0.0 35.3 52.9#

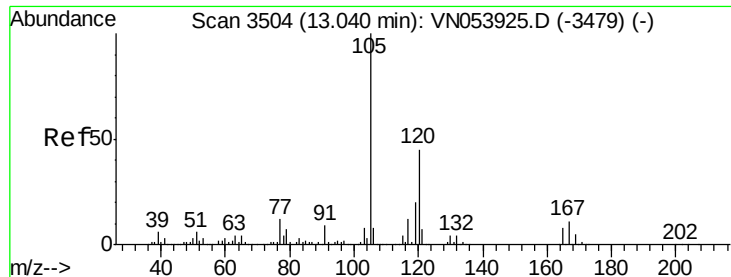


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.483 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

Instrument :

MSVOA_N

ClientSampled :

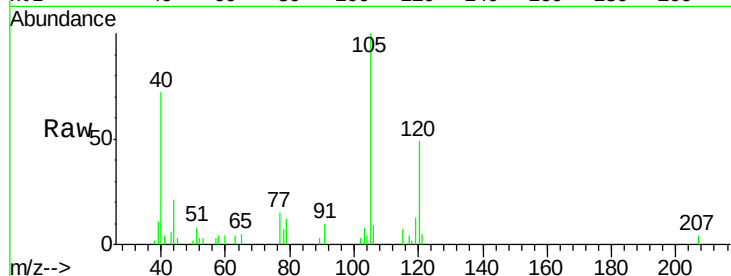
Z-3-1-A

Tot Ion:105 Resp: 11538

Ion Ratio Lower Upper

105 100

120 45.7 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

6000

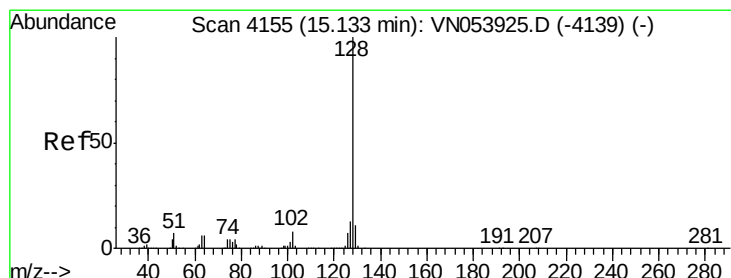
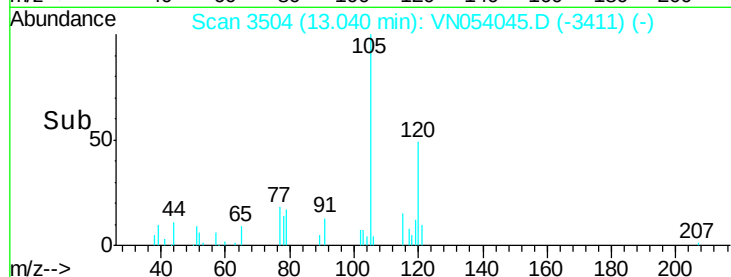
4000

2000

0

Time-->

13.00 13.05



#95

Naphthalene

Concen: 4.592 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054045.D

Acq: 1 Mar 2019 22:22

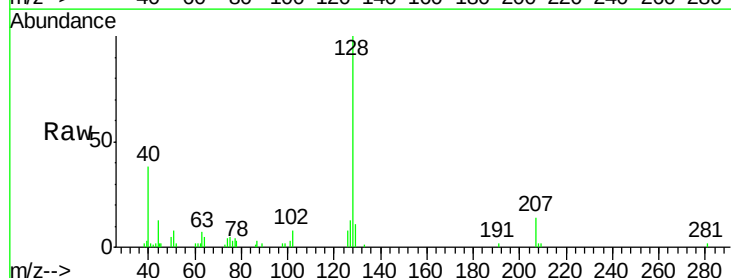
Tgt Ion:128 Resp: 21922

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.2

129 11.2 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

15.13

15000

10000

5000

0

Time-->

15.05 15.10 15.15 15.20

