

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054053.D
 Acq On : 2 Mar 2019 1:56
 Operator : JC/SP
 Sample : K1675-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-4-A-B

Quant Time: Mar 02 04:51:11 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	632522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1178279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1166759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	420204	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	420437	56.70	ug/l	0.00
Spiked Amount			Recovery	=	113.40%	
35) Dibromofluoromethane	7.59	113	372309	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	10.09	98	1517555	53.50	ug/l	0.00
Spiked Amount			Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.40	95	509479	53.91	ug/l	0.00
Spiked Amount			Recovery	=	107.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3121	0.387	ug/l #	86
11) Tert butyl alcohol	4.77	59	100	0.213	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	3912	0.627	ug/l	90
14) Allyl chloride	4.48	41	2845128	259.796	ug/l #	27
16) Acetone	3.82	43	20263	Below Cal		96
18) Methyl Acetate	4.48	43	125542	24.215	ug/l #	35
21) trans-1,2-Dichloroethene	5.05	96	9875	1.461	ug/l	95
25) 2-Butanone	6.85	43	2516	0.864	ug/l #	47
28) Bromochloromethane	7.21	49	6472	1.091	ug/l #	82
29) Tetrahydrofuran	7.22	42	1357	0.700	ug/l #	57
30) Chloroform	7.37	83	2986	0.238	ug/l	99
31) Cyclohexane	7.66	56	13872	0.766	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	46333	4.228	ug/l #	46
38) Carbon Tetrachloride	7.66	117	58461	5.130	ug/l #	18
43) Isopropyl Acetate	8.18	43	48741	3.690	ug/l #	83
45) 1,2-Dichloropropane	9.27	63	2244	0.247	ug/l #	44
48) Methyl methacrylate	9.18	41	12509	2.059	ug/l #	12
49) 1,4-Dioxane	9.25	88	62	0.753	ug/l #	25
51) 4-Methyl-2-Pentanone	10.02	43	10829	1.595	ug/l #	34
52) Toluene	10.16	92	5858	0.296	ug/l	99
54) cis-1,3-Dichloropropene	9.91	75	75740	5.943	ug/l #	68
56) Ethyl methacrylate	10.54	69	1398	2.093	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	15122	1.209	ug/l #	43
59) 2-Hexanone	10.76	43	222642	50.428	ug/l #	47
67) Ethyl Benzene	11.51	91	11059	0.268	ug/l	97
68) m/p-Xylenes	11.62	106	22193	1.424	ug/l	98
69) o-Xylene	11.95	106	12204	0.797	ug/l	96
71) Bromoform	12.40	173	3967	0.643	ug/l #	1
74) N-amyl acetate	11.88	43	21409	2.497	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	247407	36.703	ug/l #	100
78) n-propylbenzene	12.59	91	17732	0.477	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	27227	1.017	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	247407	116.004	ug/l #	15
83) tert-Butylbenzene	13.04	119	12063	0.509	ug/l #	64

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QLast Update : Thu Feb 28 04:05:45 2019
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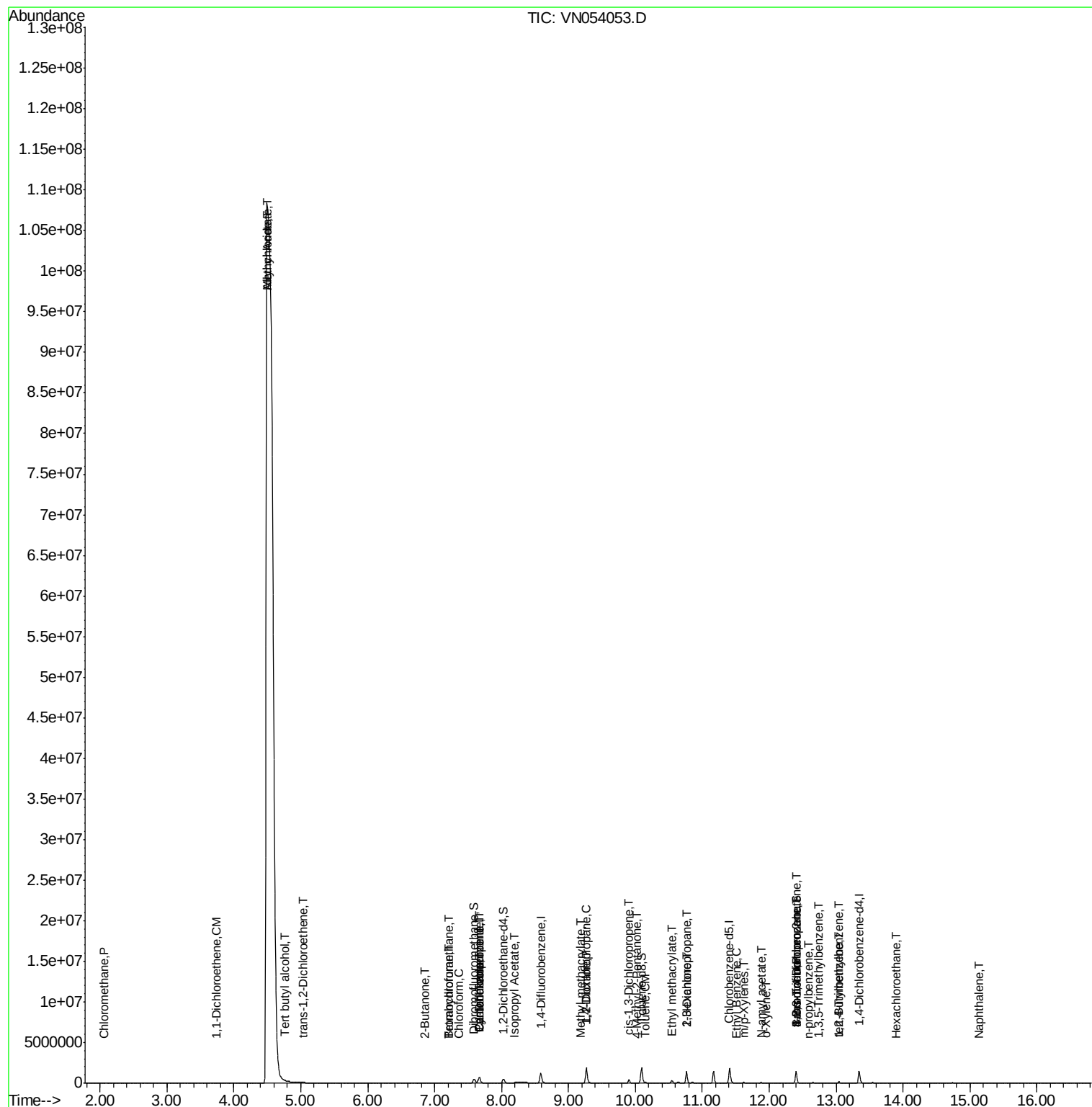
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.04	105	95531	3.573	ug/l	99
90) Hexachloroethane	13.89	117	1370	0.259	ug/l #	2
95) Naphthalene	15.13	128	14483	4.026	ug/l	98

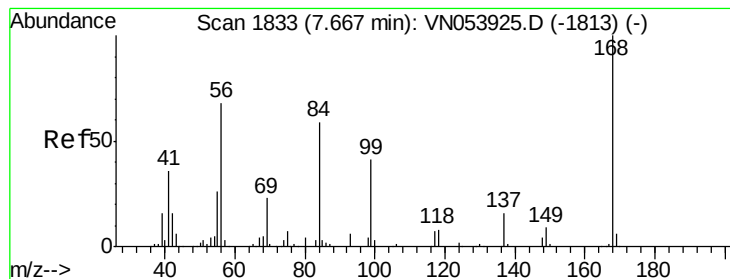
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054053.D

Acq: 2 Mar 2019 1:56

Instrument :

MSVOA_N

ClientSampleId :

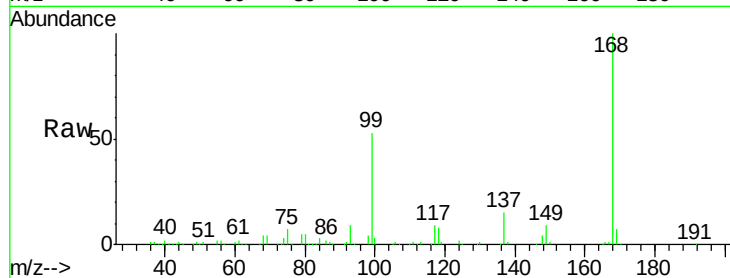
Z-4-A-B

Tot Ion:168 Resp: 632522

Ion Ratio Lower Upper

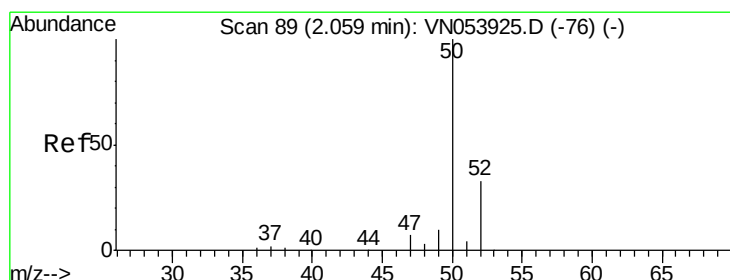
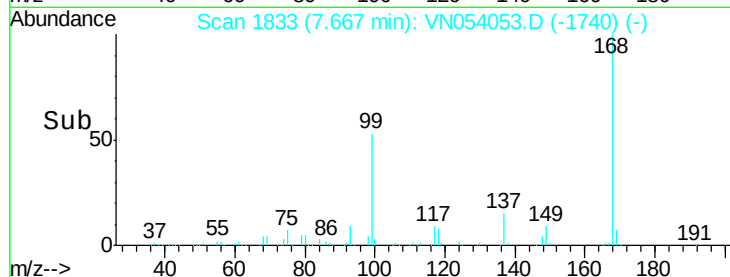
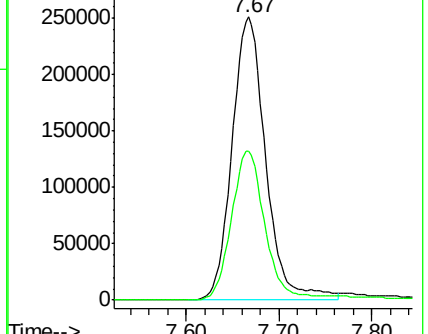
168 100

99 52.9 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.387 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN054053.D

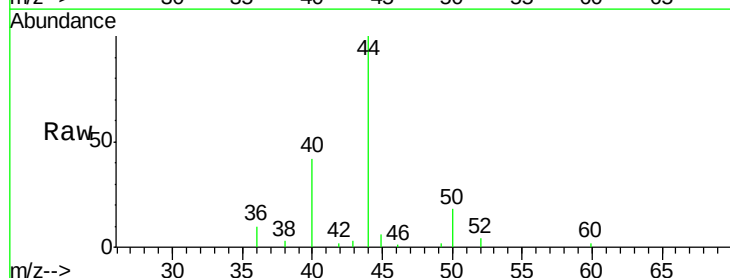
Acq: 2 Mar 2019 1:56

Tgt Ion: 50 Resp: 3121

Ion Ratio Lower Upper

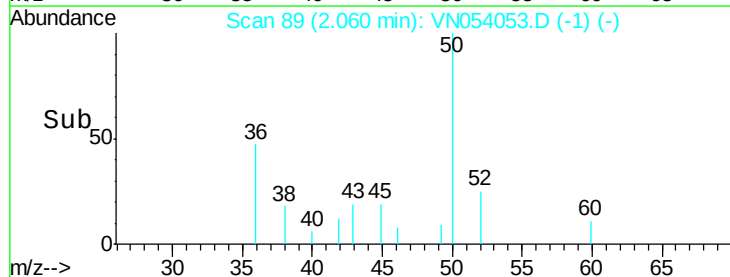
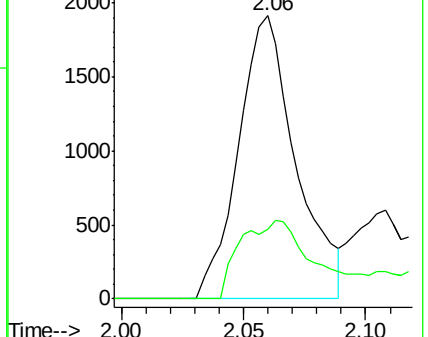
50 100

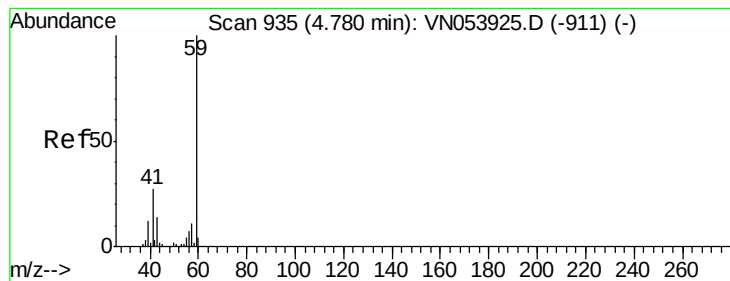
52 24.8 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



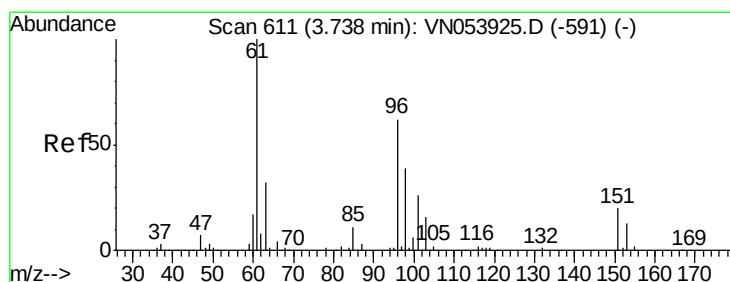
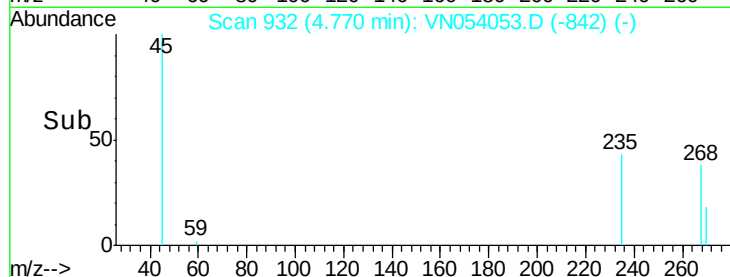
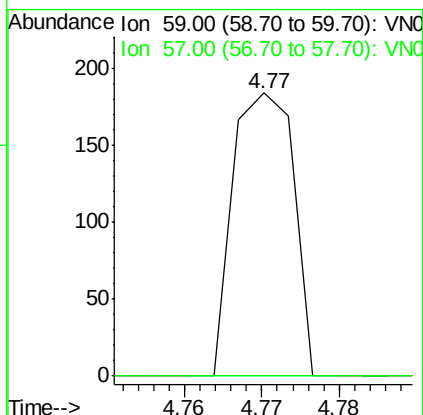
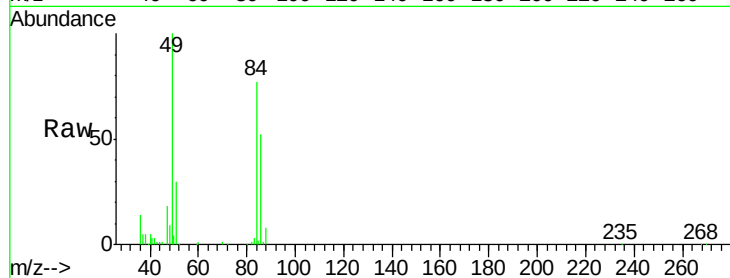


#11

Tert butyl alcohol
 Concen: 0.213 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: VN054053.D
 Acq: 2 Mar 2019 1:56

Instrument :
 MSVOA_N
 ClientSampled :
 Z-4-A-B

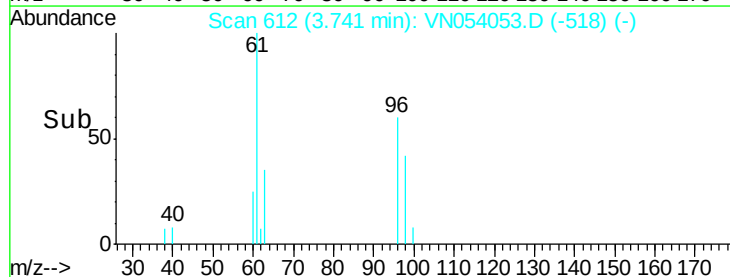
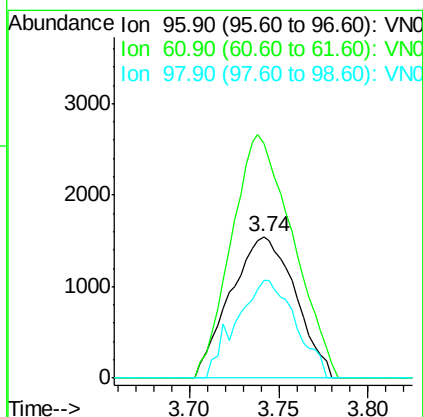
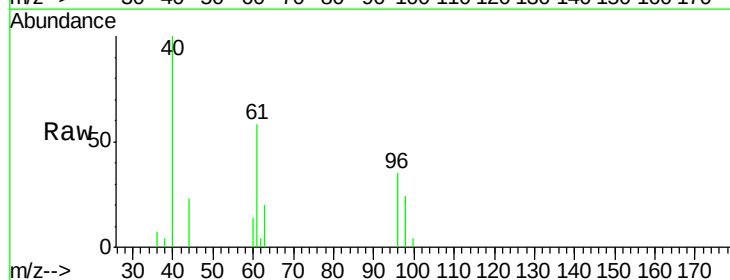
Tot Ion: 59 Resp: 100
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

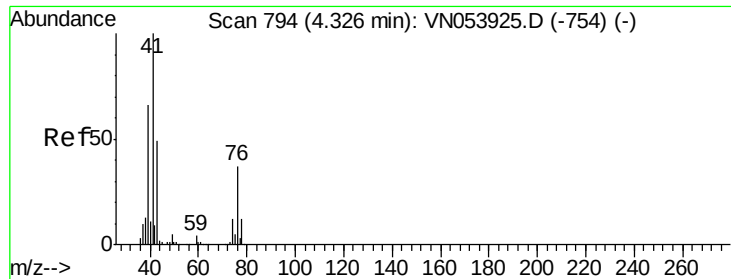


#12

1,1-Dichloroethene
 Concen: 0.627 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN054053.D
 Acq: 2 Mar 2019 1:56

Tgt Ion: 96 Resp: 3912
 Ion Ratio Lower Upper
 96 100
 61 166.3 121.0 181.4
 98 69.1 52.2 78.2

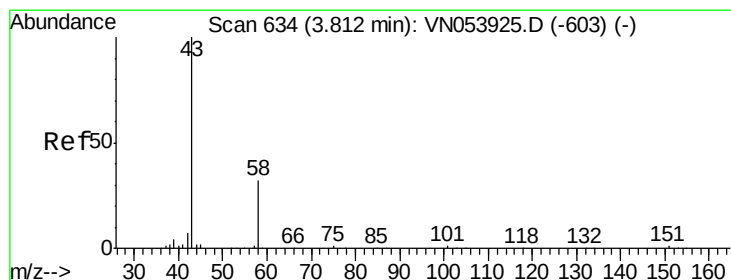
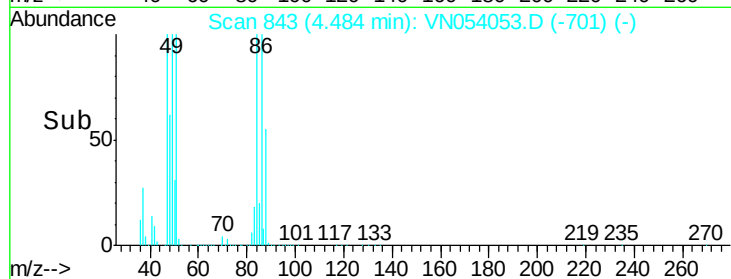
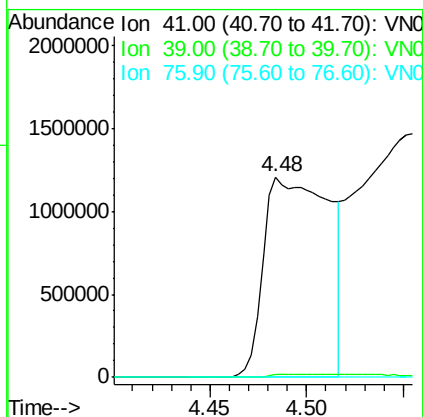
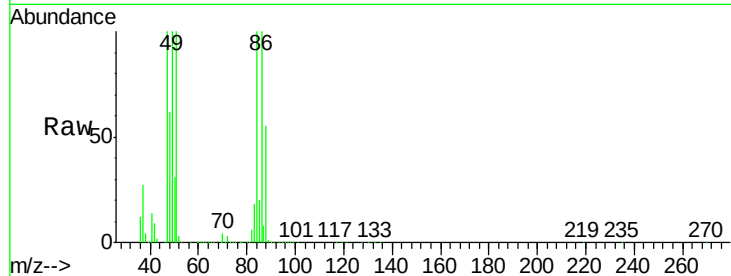




#14
Allvl chloride
Concen: 259.796 ug/l
RT: 4.48 min Scan# 843
Delta R.T. 0.16 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

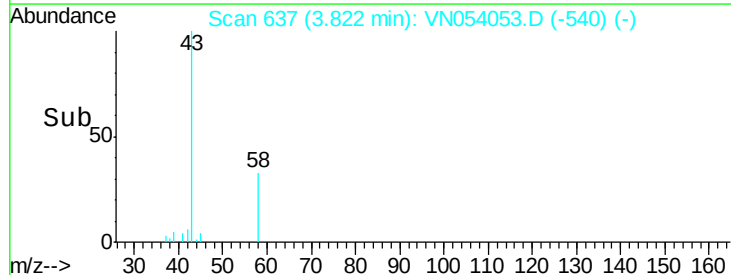
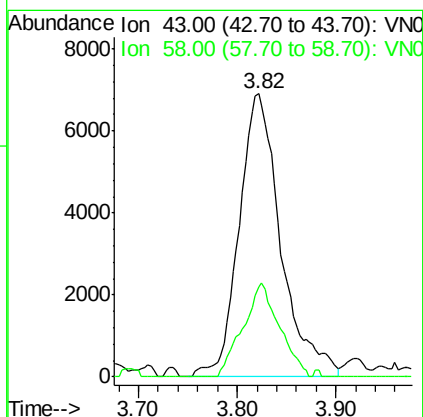
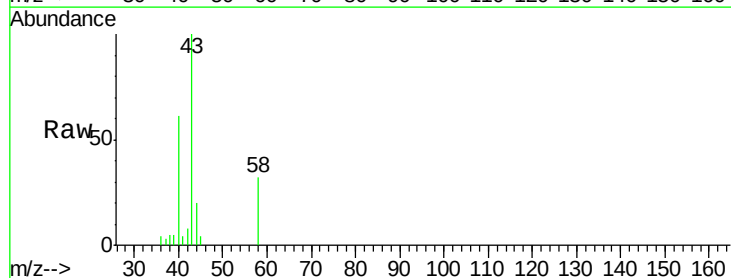
Instrument :
MSVOA_N
ClientSampled :
Z-4-A-B

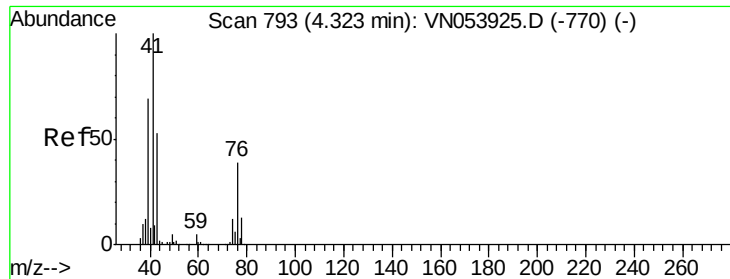
Tot Ion: 41 Resp: 2845128
Ion Ratio Lower Upper
41 100
39 1.2 48.8 73.2#
76 0.0 30.9 46.3#



#16
Acetone
Concen: Below Cal
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

Tgt Ion: 43 Resp: 20263
Ion Ratio Lower Upper
43 100
58 32.0 27.6 41.4

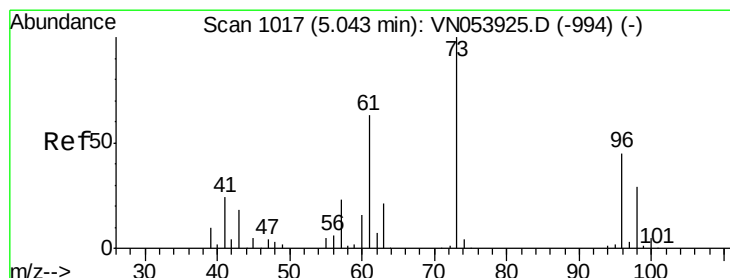
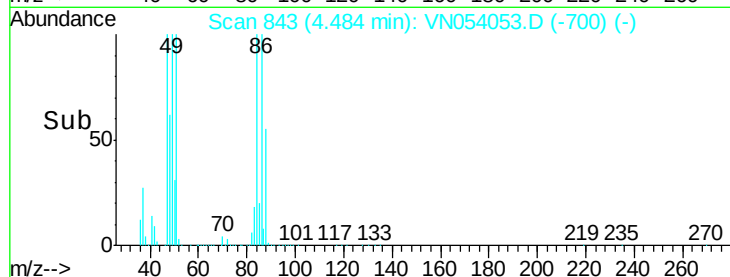
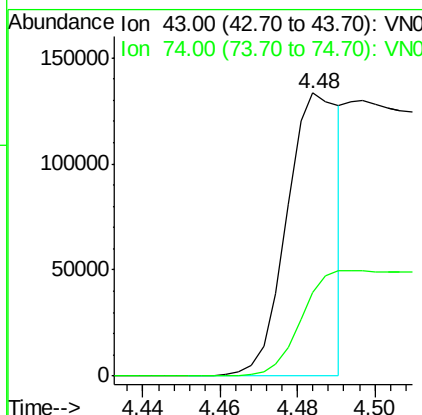
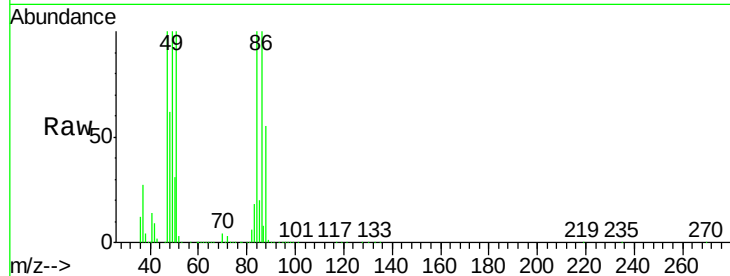




#18
Methyl Acetate
Concen: 24.215 ug/l
RT: 4.48 min Scan# 843
Delta R.T. 0.16 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

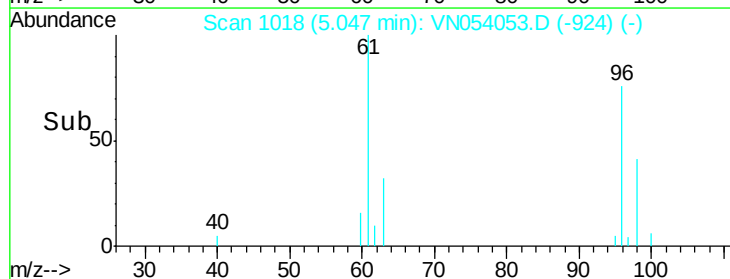
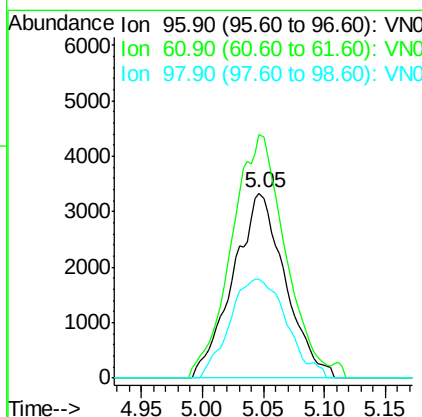
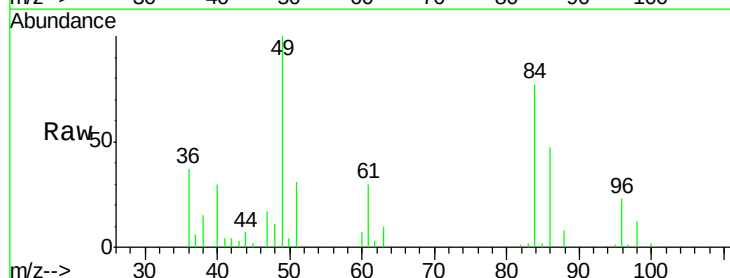
Instrument :
MSVOA_N
ClientSampled :
Z-4-A-B

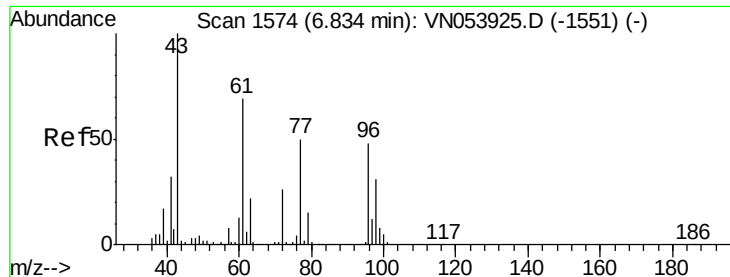
Tot Ion: 43 Resp: 125542
Ion Ratio Lower Upper
43 100
74 58.7 20.5 30.7#



#21
trans-1,2-Dichloroethene
Concen: 1.461 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

Tgt Ion: 96 Resp: 9875
Ion Ratio Lower Upper
96 100
61 131.6 104.5 156.7
98 53.4 50.6 76.0

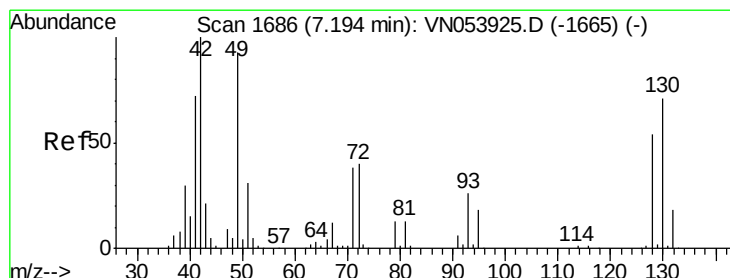
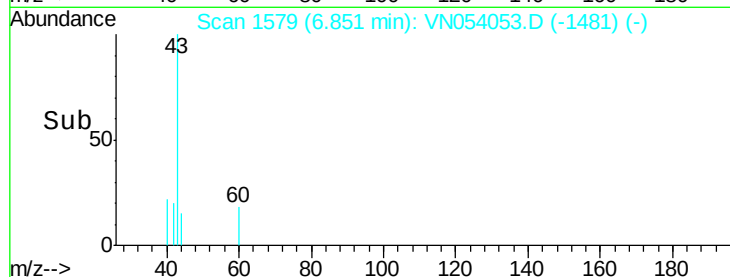
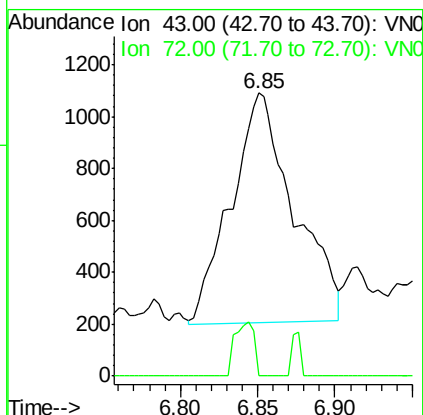
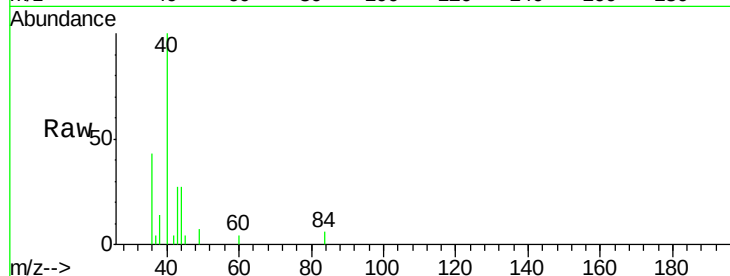




#25
2-Butanone
Concen: 0.864 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

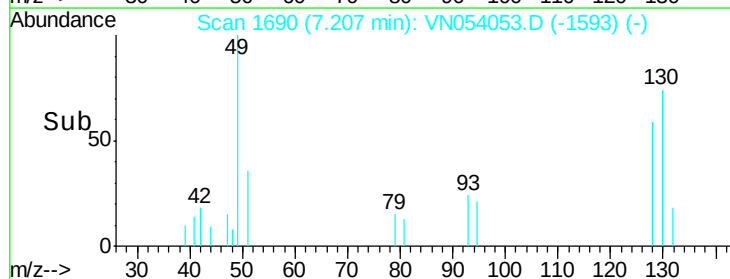
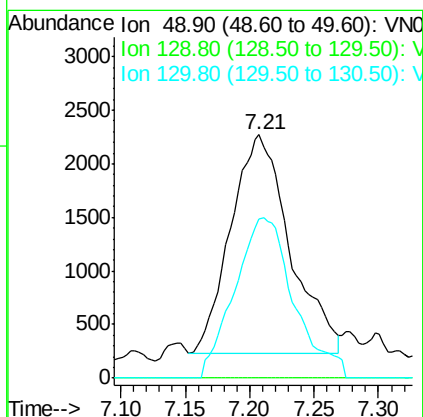
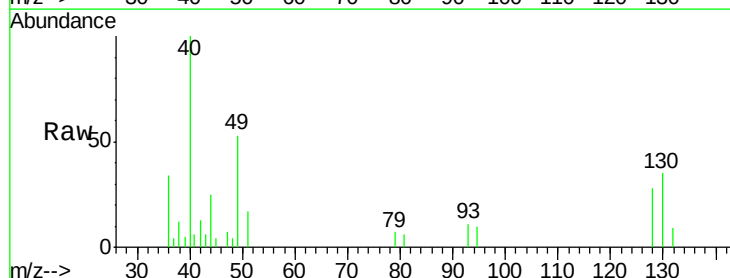
Instrument :
MSVOA_N
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Z-4-A-B

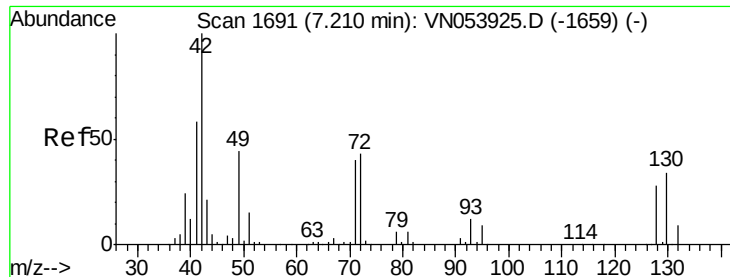
Tot Ion: 43 Resp: 2516
Ion Ratio Lower Upper
43 100
72 0.0 22.1 33.1#



#28
Bromochloromethane
Concen: 1.091 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

Tgt Ion: 49 Resp: 6472
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 73.7 72.9 109.3





#29

Tetrahydrofuran

Concen: 0.700 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

Instrument :

MSVOA_N

ClientSampled :

Z-4-A-B

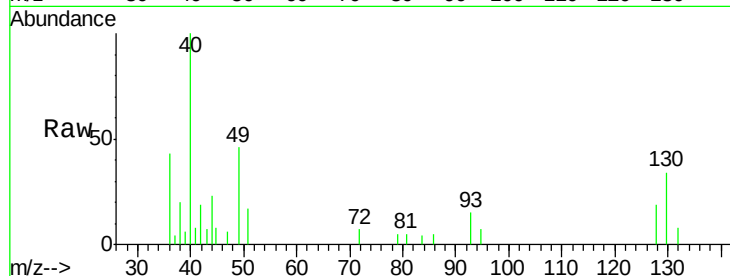
Tot Ion: 42 Resp: 1357

Ion Ratio Lower Upper

42 100

72 20.7 36.9 55.3#

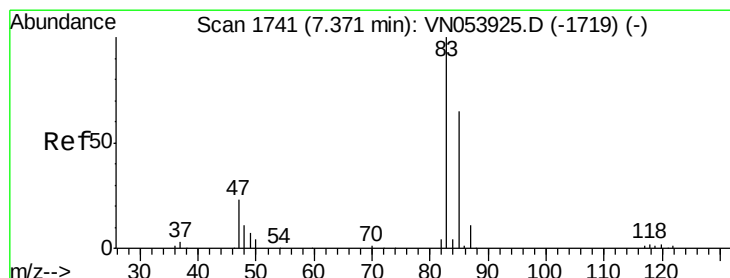
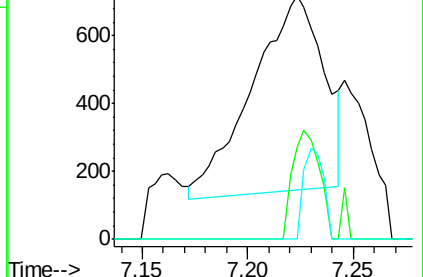
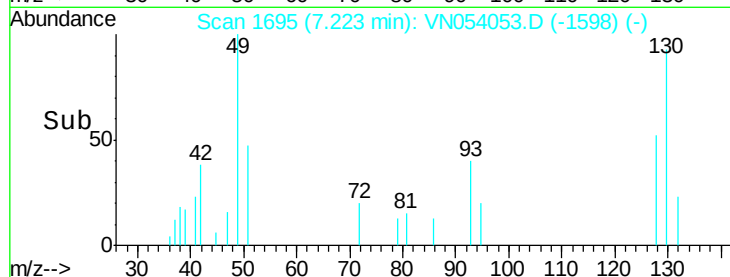
71 12.9 34.6 52.0#



Abundance Ion 42.00 (41.70 to 42.70): VN054053.D (-1598) (-)

Ion 72.00 (71.70 to 72.70): VN054053.D (-1598) (-)

Ion 71.00 (70.70 to 71.70): VN054053.D (-1598) (-)



#30

Chloroform

Concen: 0.238 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN054053.D

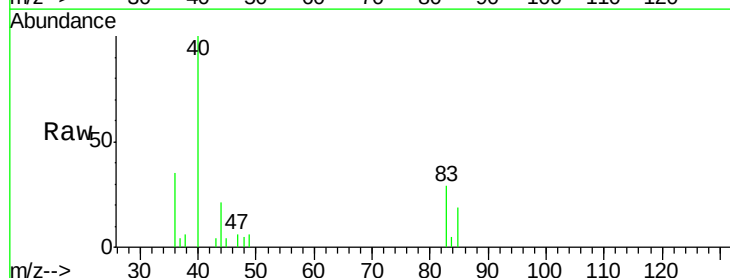
Acq: 2 Mar 2019 1:56

Tgt Ion: 83 Resp: 2986

Ion Ratio Lower Upper

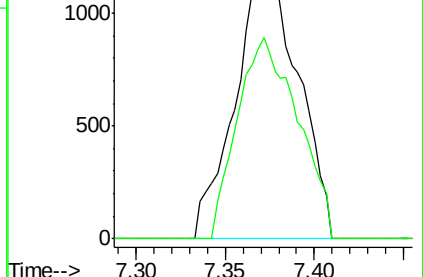
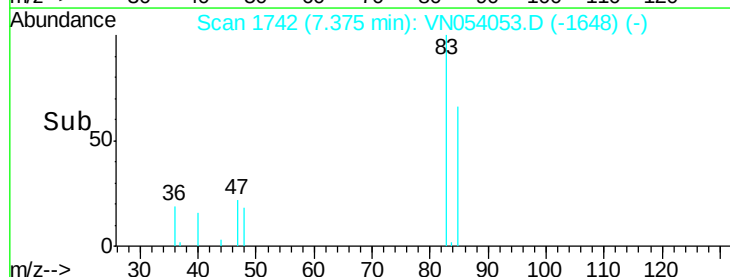
83 100

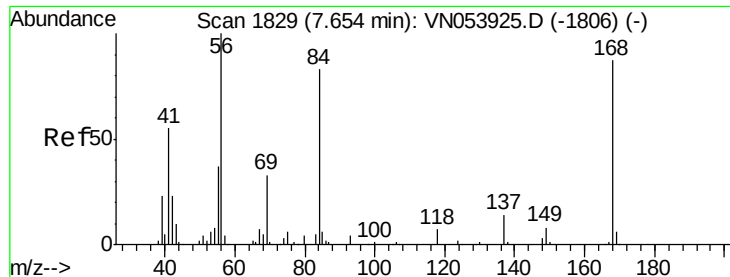
85 66.3 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN054053.D (-1648) (-)

Ion 84.90 (84.60 to 85.60): VN054053.D (-1648) (-)





#31

Cyclohexane

Concen: 0.766 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

Instrument :

MSVOA_N

ClientSampled :

Z-4-A-B

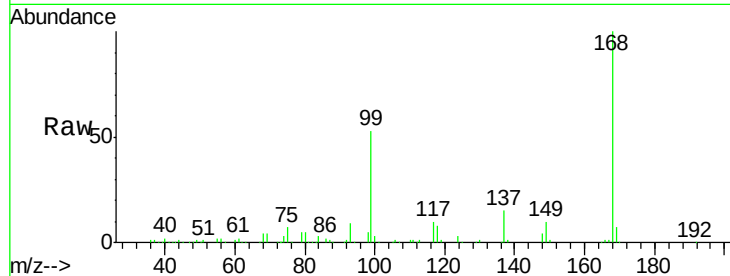
Tot Ion: 56 Resp: 13872

Ion Ratio Lower Upper

56 100

69 177.9 26.0 39.0#

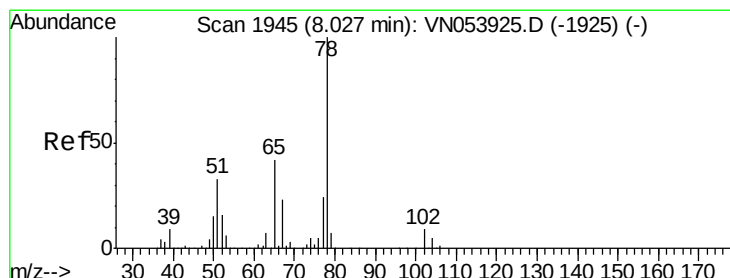
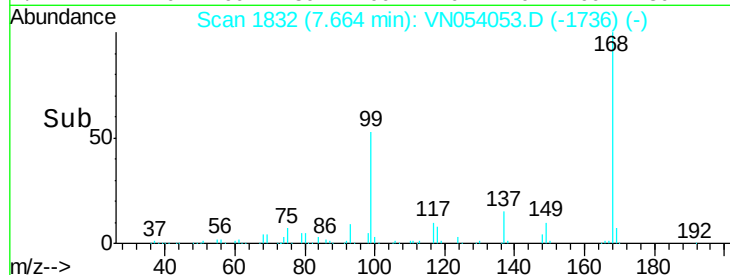
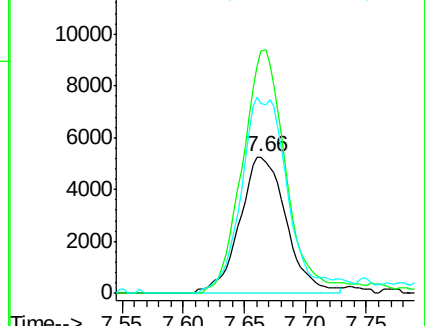
84 139.3 69.1 103.7#



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: 56.704 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054053.D

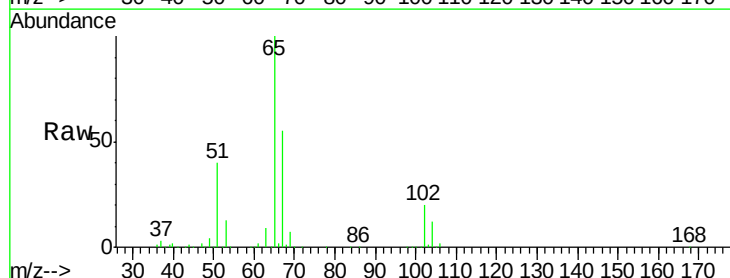
Acq: 2 Mar 2019 1:56

Tgt Ion: 65 Resp: 420437

Ion Ratio Lower Upper

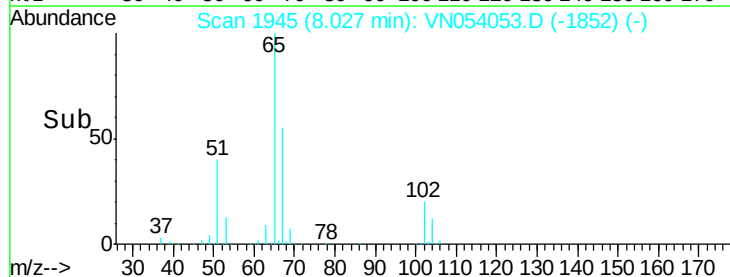
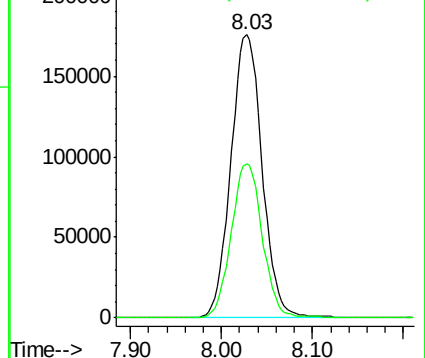
65 100

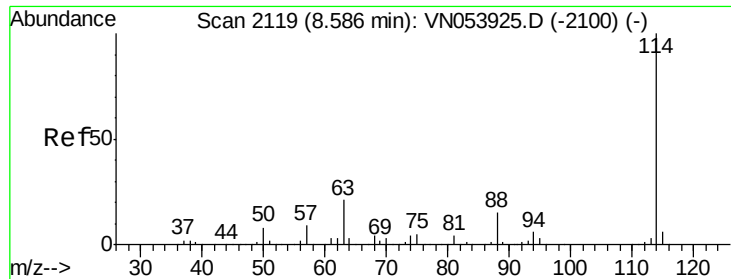
67 53.8 0.0 111.8



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: VN054053.D

Acq: 2 Mar 2019 1:56

Instrument :

MSVOA_N

ClientSampleId :

Z-4-A-B

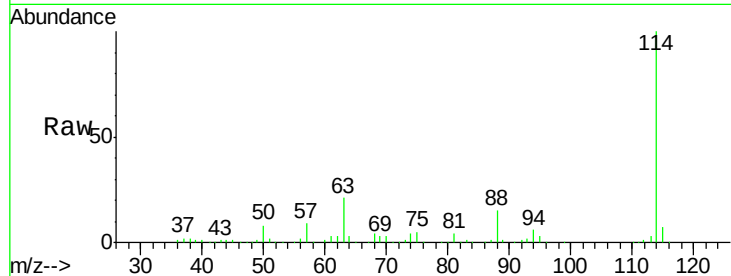
Tot Ion:114 Resp: 1178279

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

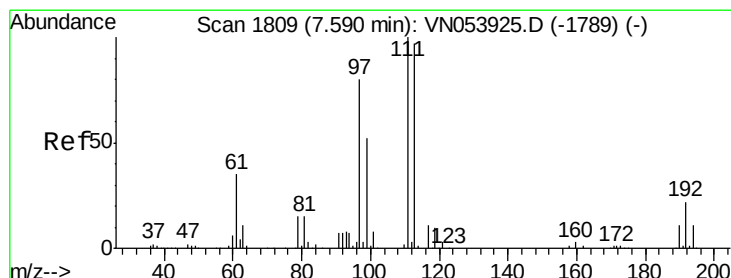
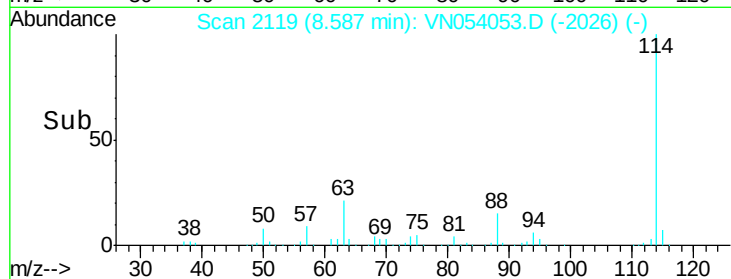
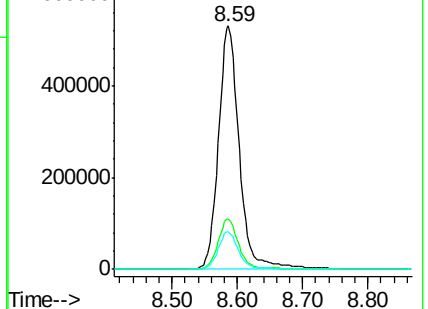
88 15.3 0.0 30.4



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: 48.863 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

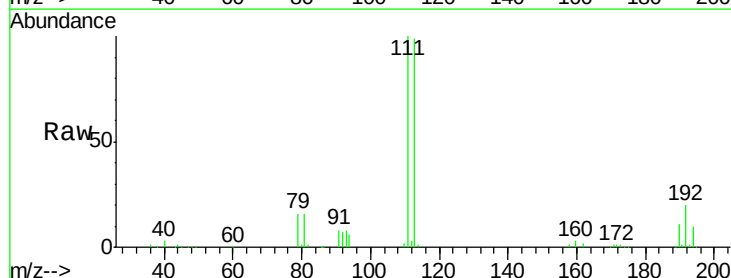
Tgt Ion:113 Resp: 372309

Ion Ratio Lower Upper

113 100

111 104.0 81.1 121.7

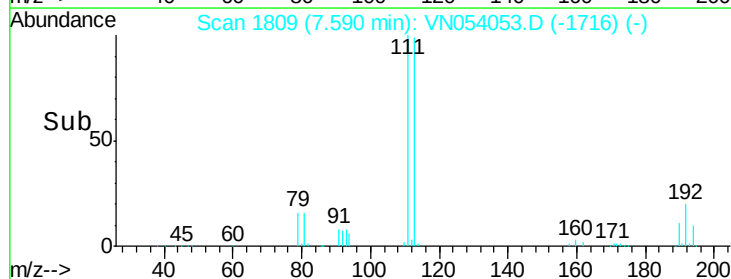
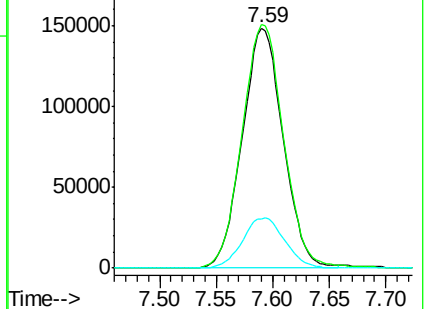
192 21.7 18.8 28.2

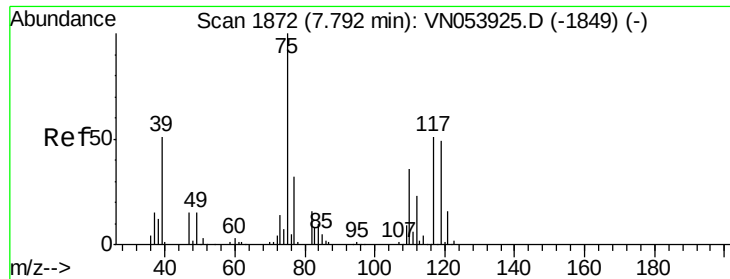


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

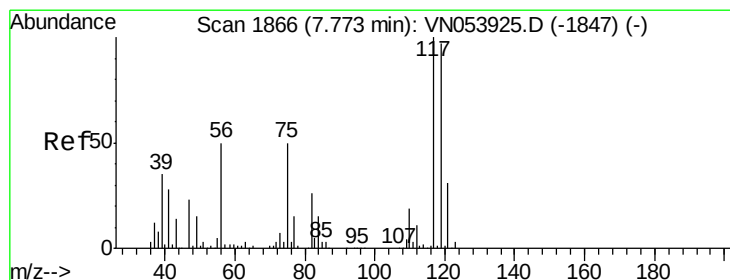
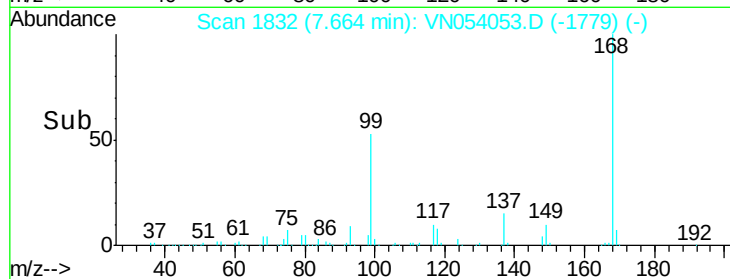
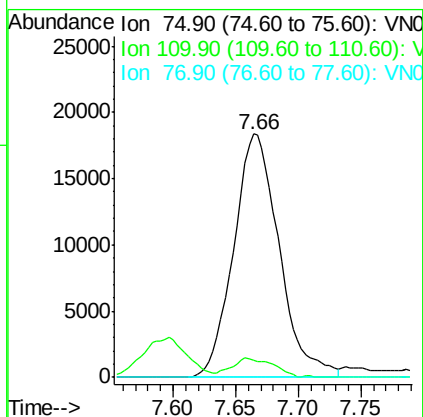
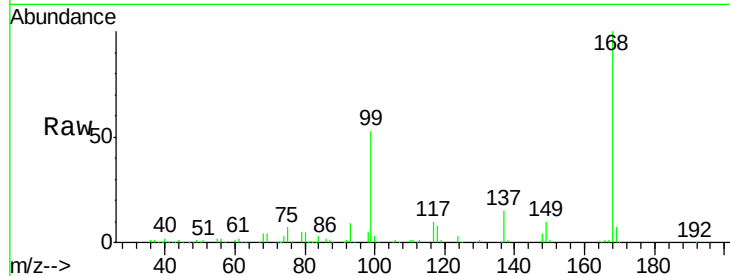




#36
 1,1-Dichloropropene
 Concen: 4.228 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054053.D
 Acq: 2 Mar 2019 1:56

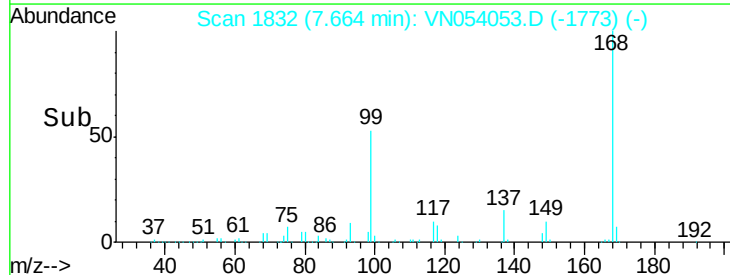
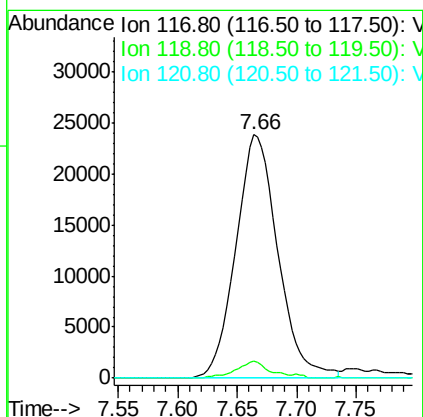
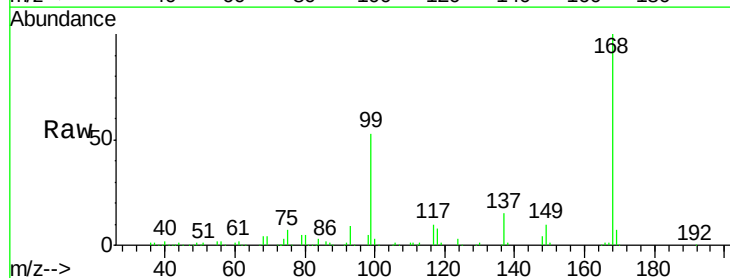
Instrument :
 MSVOA_N
 ClientSampled :
 Z-4-A-B

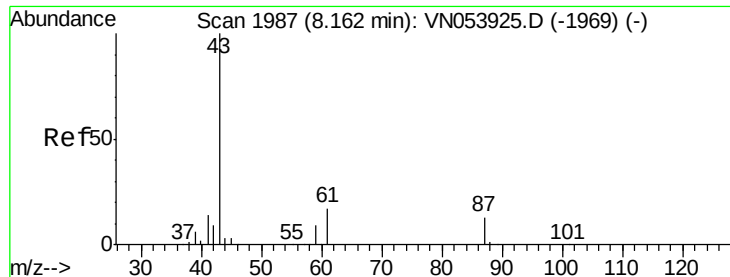
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.4	19.0	57.0#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 5.130 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054053.D
 Acq: 2 Mar 2019 1:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.8	76.2	114.2#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 3.690 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

Instrument :

MSVOA_N

ClientSampled :

Z-4-A-B

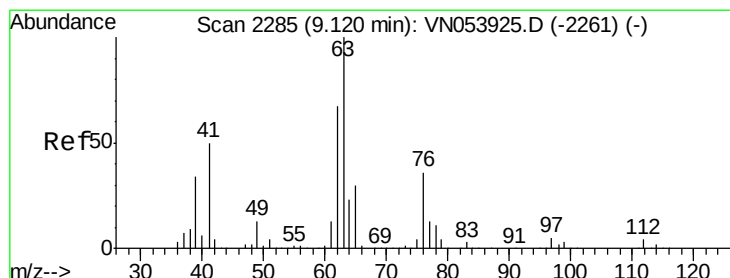
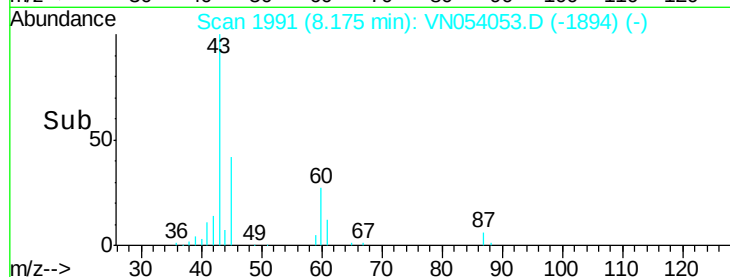
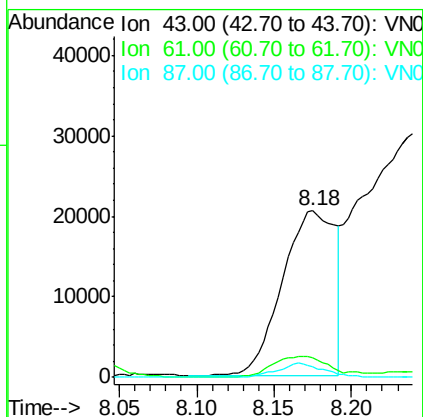
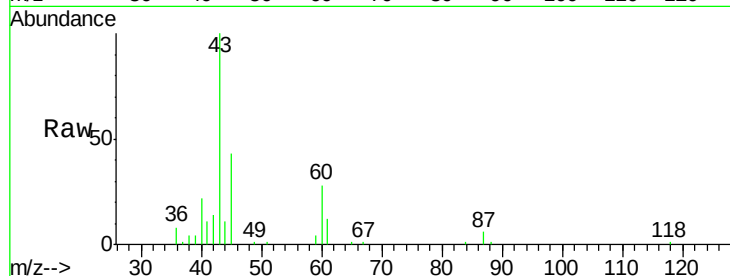
Tot Ion: 43 Resp: 48741

Ion Ratio Lower Upper

43 100

61 13.4 17.4 26.0#

87 7.3 11.5 17.3#



#45

1,2-Dichloropropane

Concen: 0.247 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN054053.D

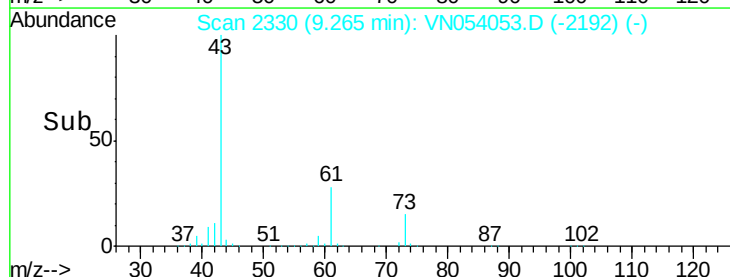
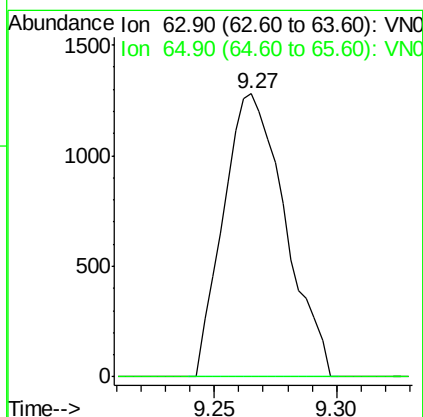
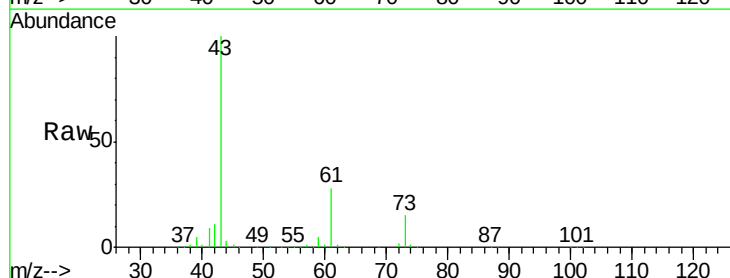
Acq: 2 Mar 2019 1:56

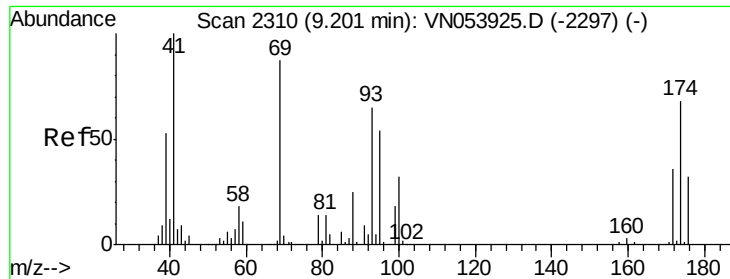
Tgt Ion: 63 Resp: 2244

Ion Ratio Lower Upper

63 100

65 0.0 24.3 36.5#

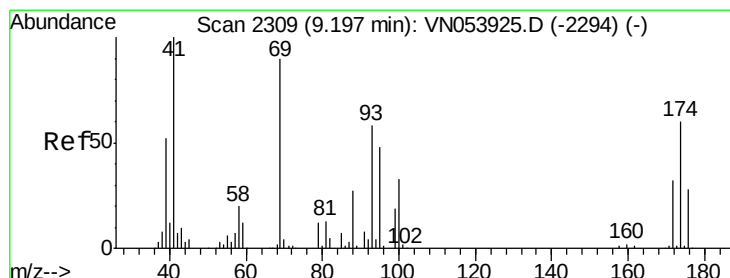
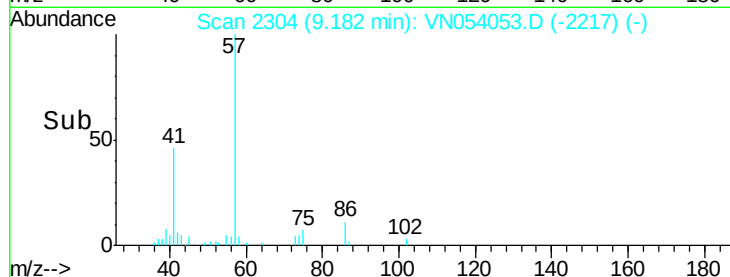
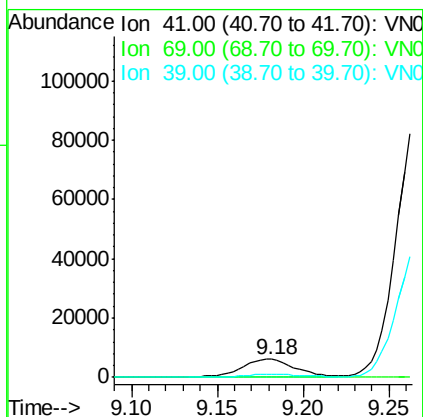
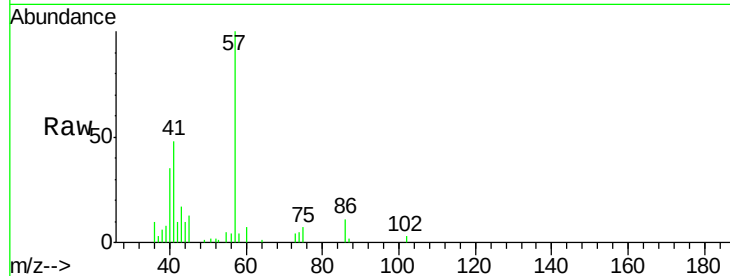




#48
Methvl methacrylate
Concen: 2.059 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

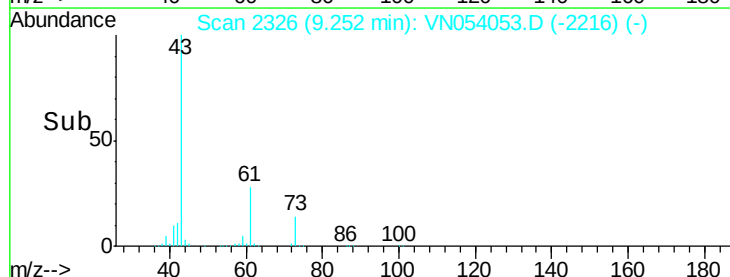
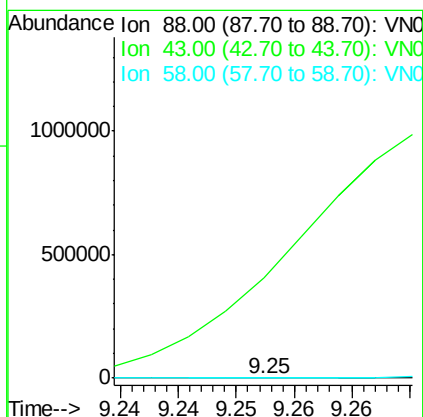
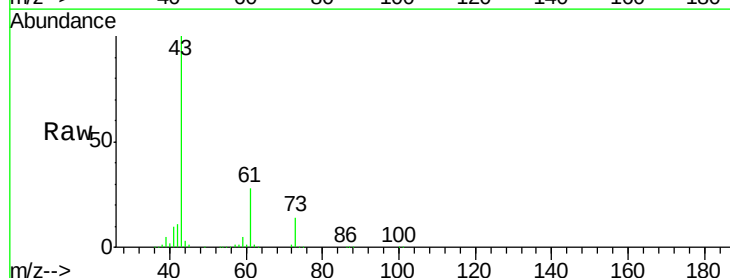
Instrument :
MSVOA_N
ClientSampleId :
Z-4-A-B

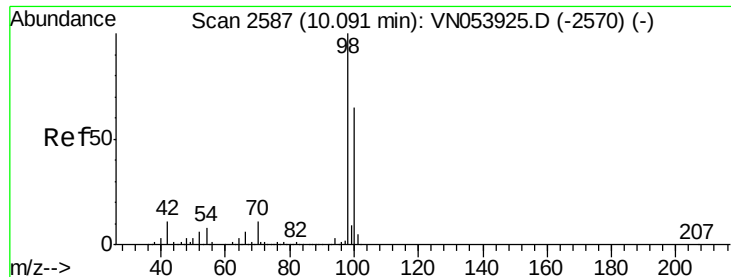
Tot Ion: 41 Resp: 12509
Ion Ratio Lower Upper
41 100
69 0.0 74.8 112.2#
39 0.0 39.0 58.6#



#49
1,4-Dioxane
Concen: 0.753 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.05 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 0.0 21.2 31.8#
58 0.0 54.2 81.2#

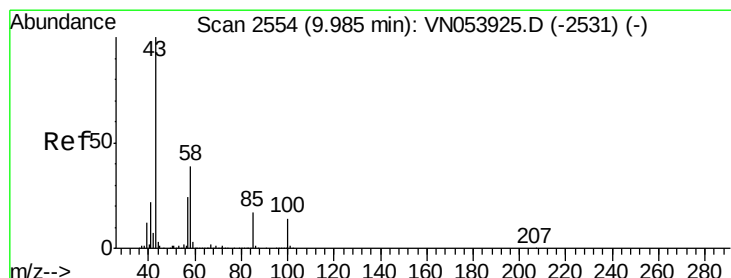
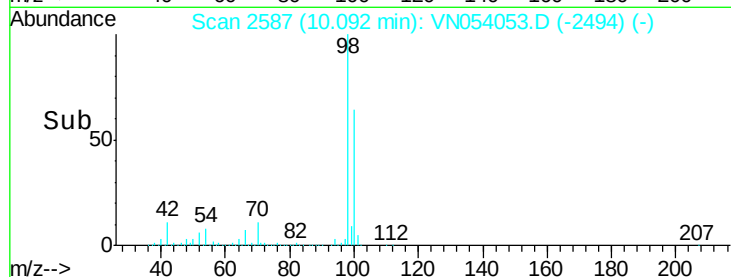
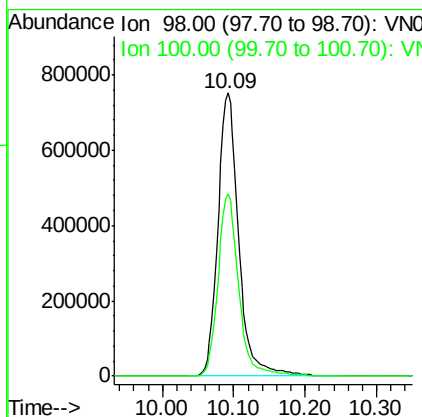
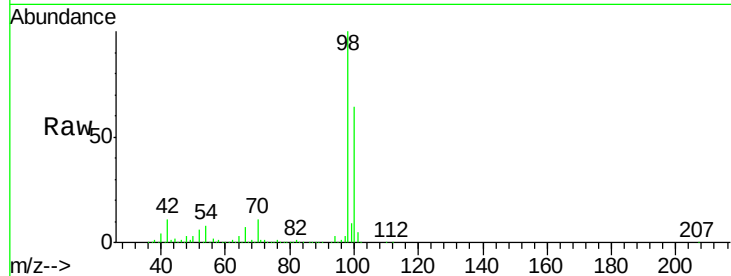




#50
Toluene-d8
Concen: 53.503 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

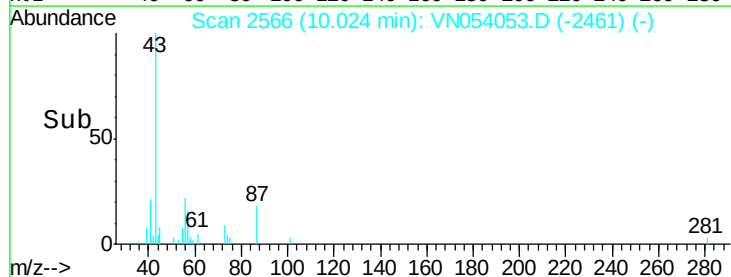
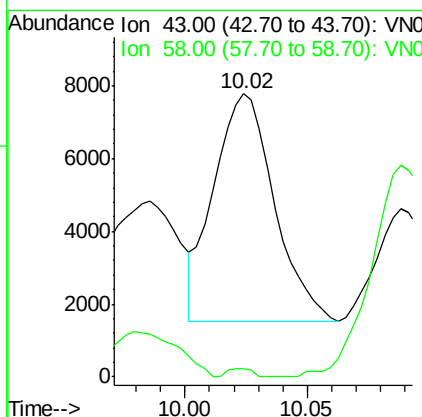
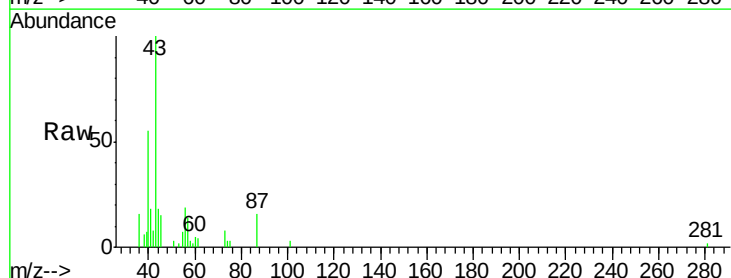
Instrument :
MSVOA_N
ClientSampled :
Z-4-A-B

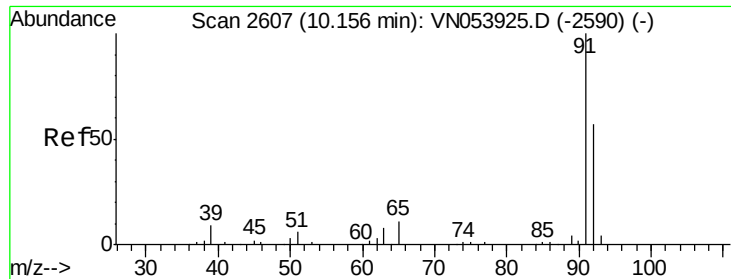
Tot Ion: 98 Resp: 1517555
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.595 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

Tgt Ion: 43 Resp: 10829
Ion Ratio Lower Upper
43 100
58 0.0 32.7 49.1#





#52

Toluene

Concen: 0.296 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

Instrument :

MSVOA_N

ClientSampleId :

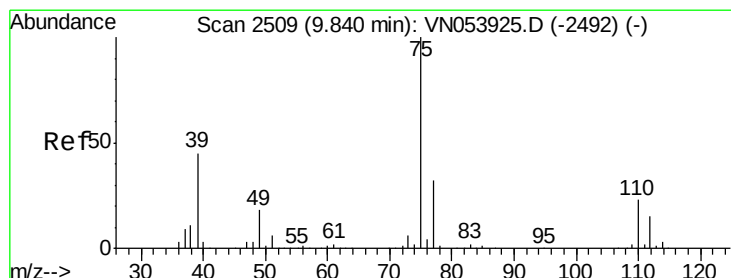
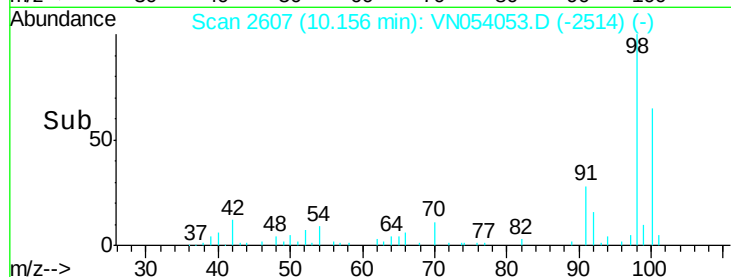
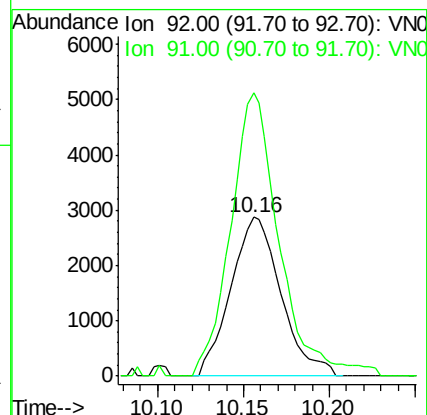
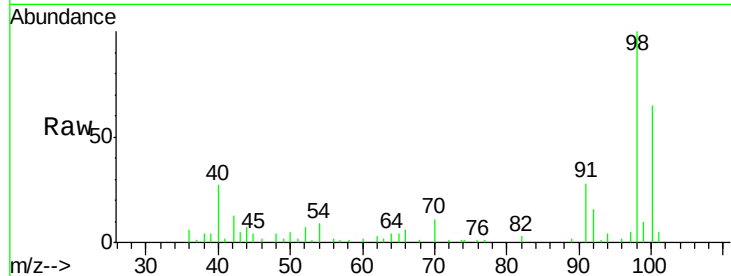
Z-4-A-B

Tot Ion: 92 Resp: 5858

Ion Ratio Lower Upper

92 100

91 171.9 138.4 207.6



#54

cis-1,3-Dichloropropene

Concen: 5.943 ug/l

RT: 9.91 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

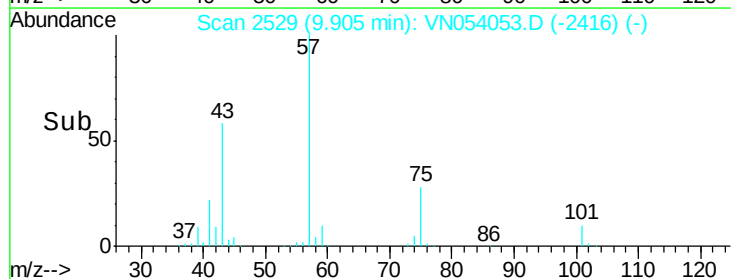
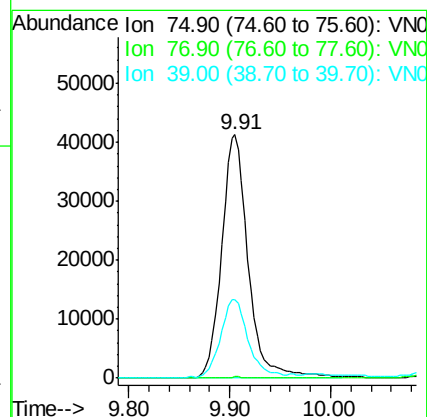
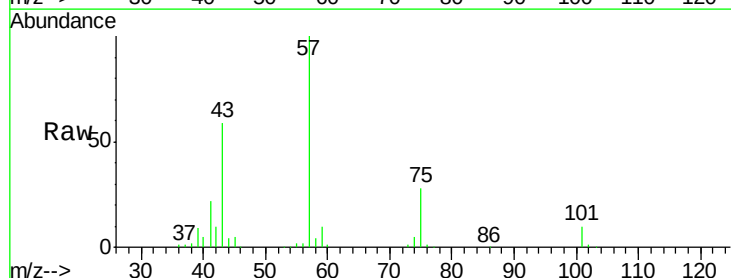
Tgt Ion: 75 Resp: 75740

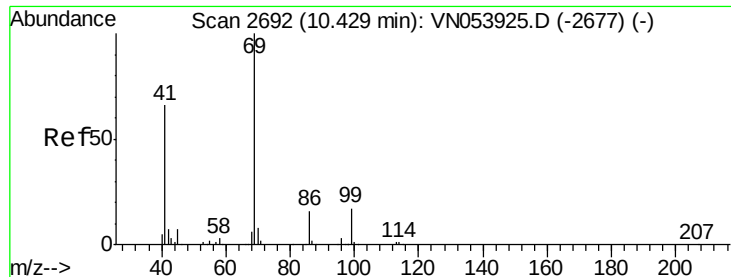
Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

39 32.0 31.4 47.0





#56

Ethyl methacrylate

Concen: 2.093 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

Instrument :

MSVOA_N

ClientSampled :

Z-4-A-B

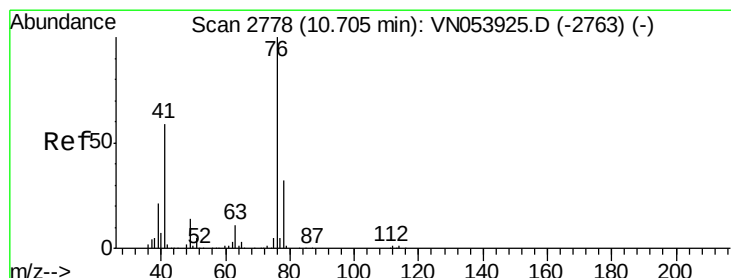
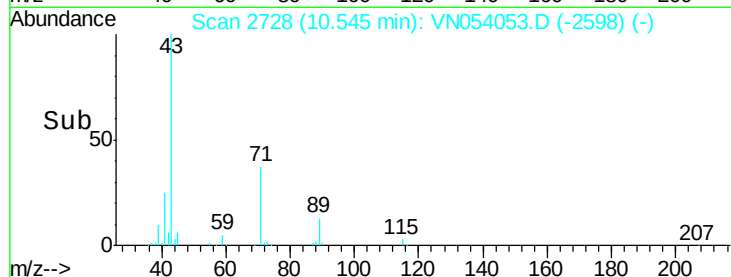
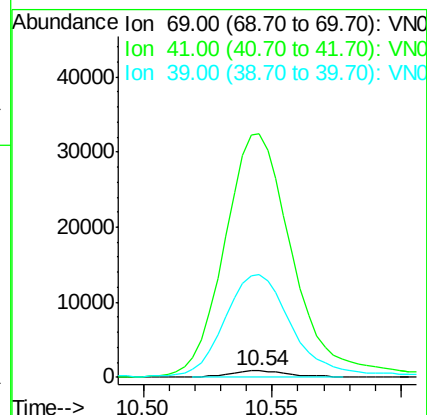
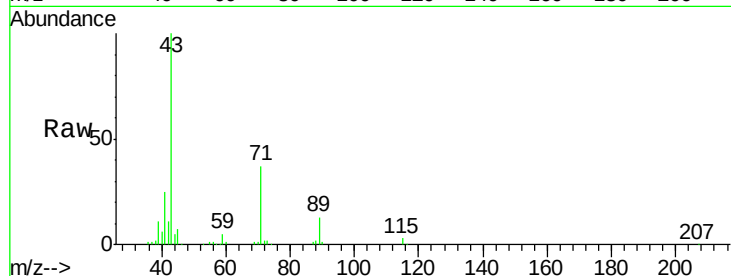
Tot Ion: 69 Resp: 1398

Ion Ratio Lower Upper

69 100

41 4281.0 47.5 71.3#

39 1821.9 23.4 35.0#



#57

1,3-Dichloropropane

Concen: 1.209 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054053.D

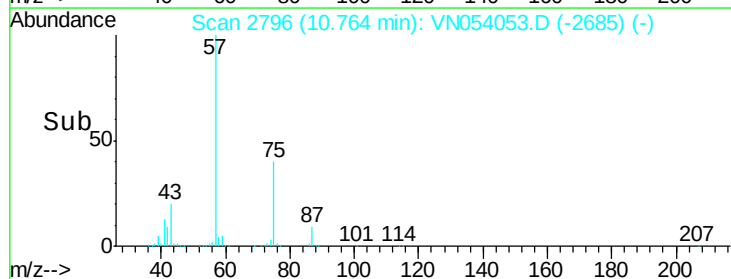
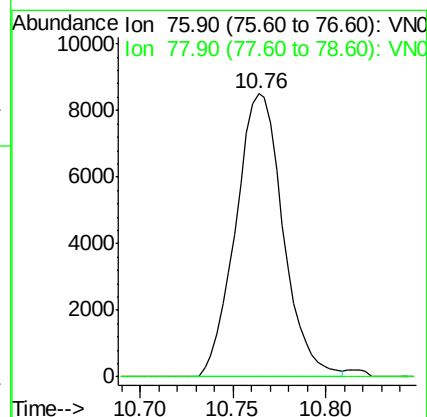
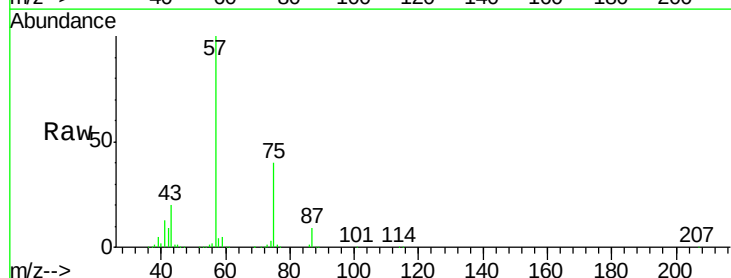
Acq: 2 Mar 2019 1:56

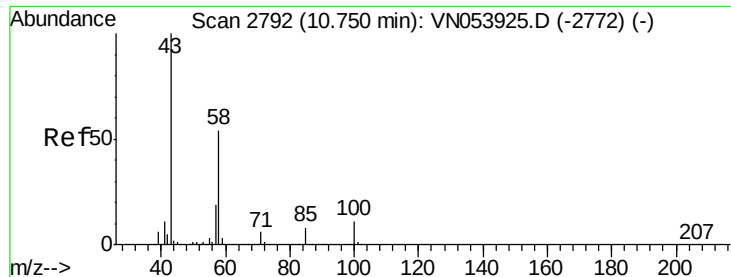
Tgt Ion: 76 Resp: 15122

Ion Ratio Lower Upper

76 100

78 0.0 25.2 37.8#





#59

2-Hexanone

Concen: 50.428 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

Instrument :

MSVOA_N

ClientSampled :

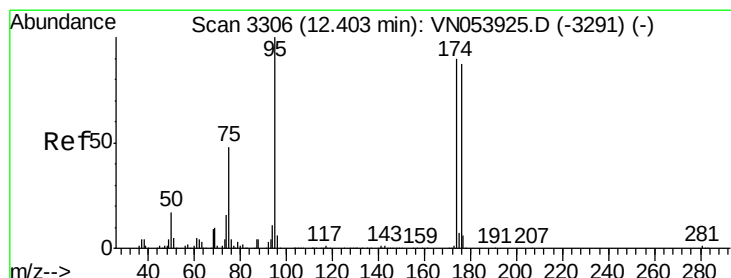
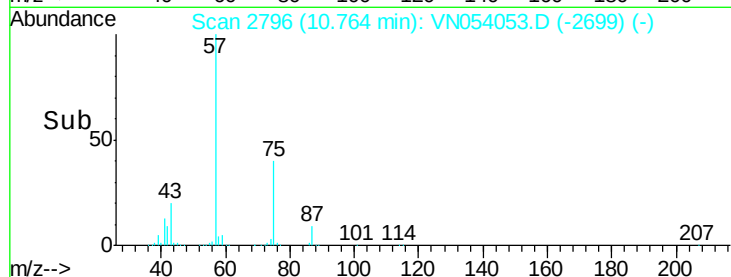
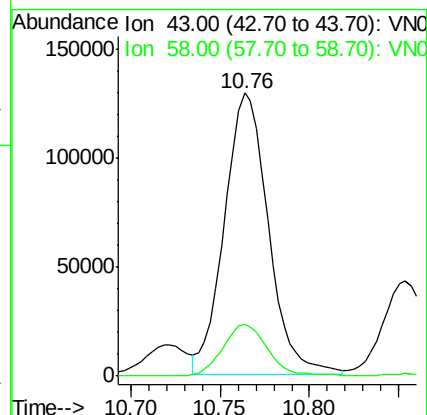
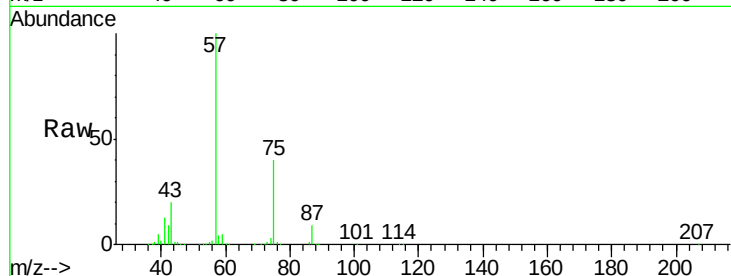
Z-4-A-B

Tot Ion: 43 Resp: 222642

Ion Ratio Lower Upper

43 100

58 18.8 29.1 87.4#



#62

4-Bromofluorobenzene

Concen: 53.913 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

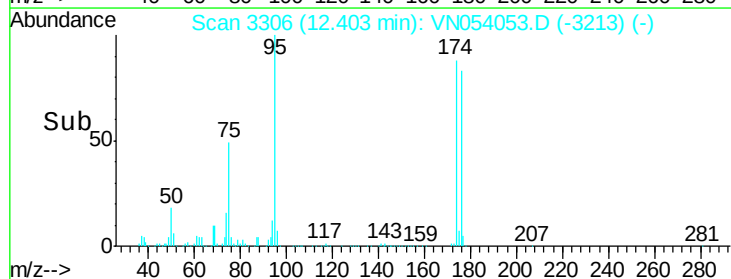
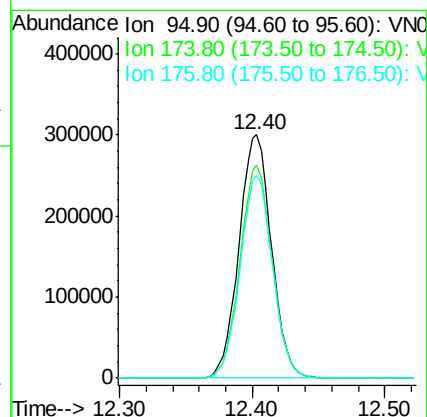
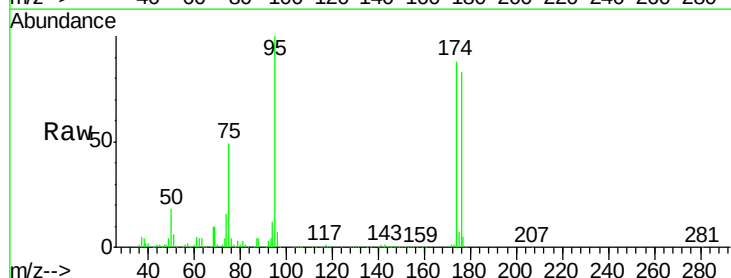
Tgt Ion: 95 Resp: 509479

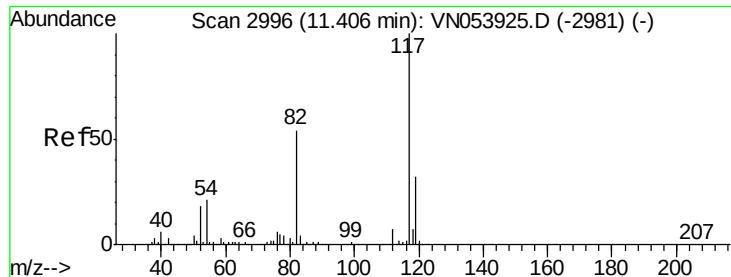
Ion Ratio Lower Upper

95 100

174 87.0 0.0 188.8

176 83.5 0.0 182.6

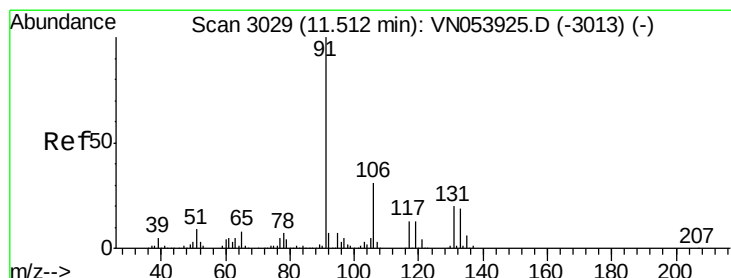
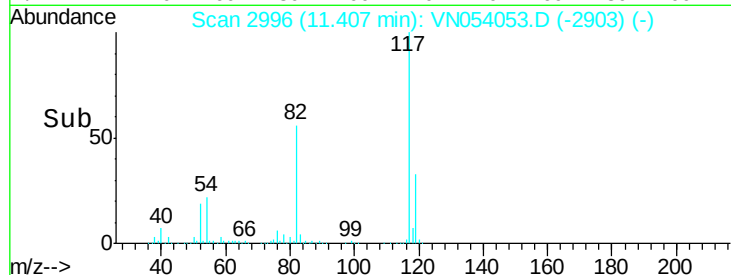
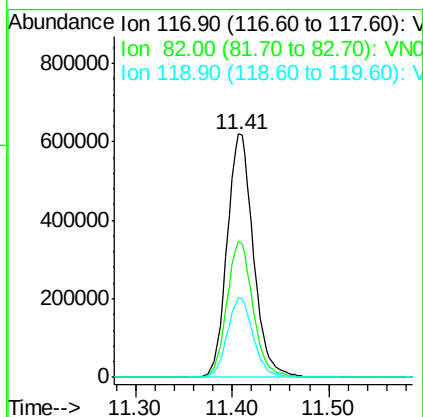
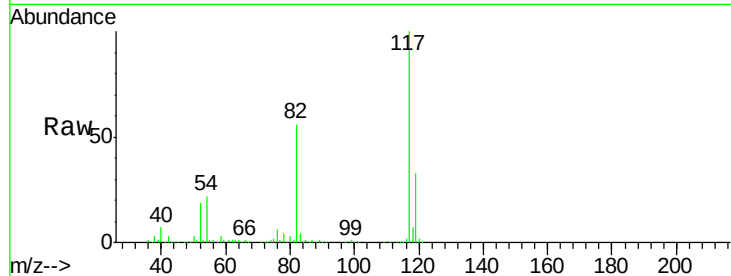




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

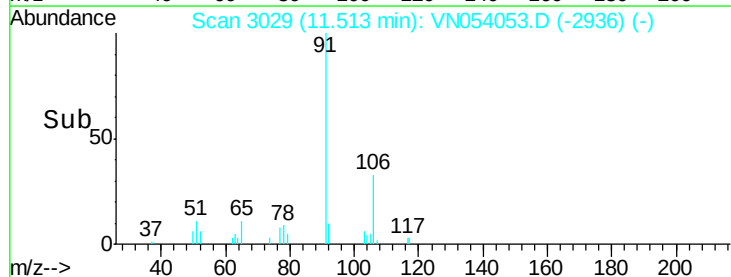
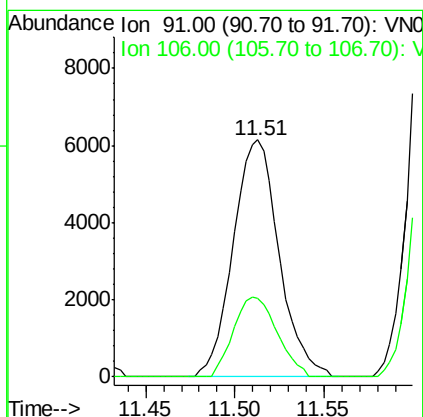
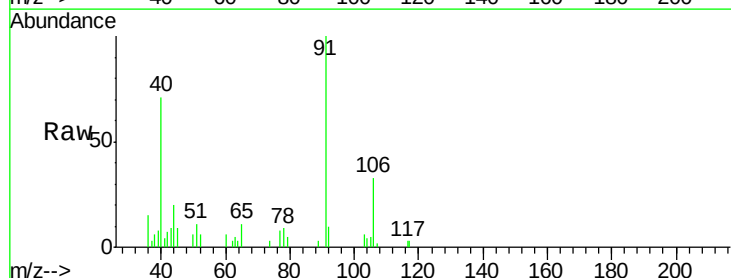
Instrument :
MSVOA_N
ClientSampled :
Z-4-A-B

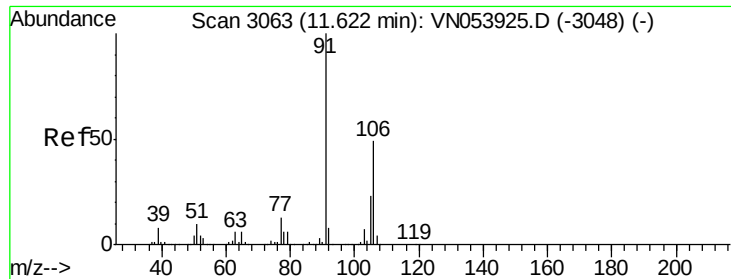
Tot Ion:117 Resp: 1166759
Ion Ratio Lower Upper
117 100
82 55.9 41.4 62.2
119 32.5 25.3 37.9



#67
Ethyl Benzene
Concen: 0.268 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

Tgt Ion: 91 Resp: 11059
Ion Ratio Lower Upper
91 100
106 32.9 25.2 37.8

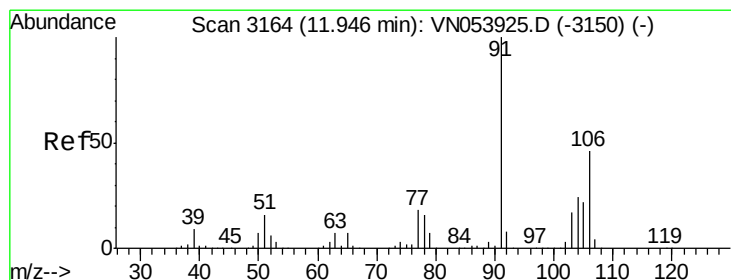
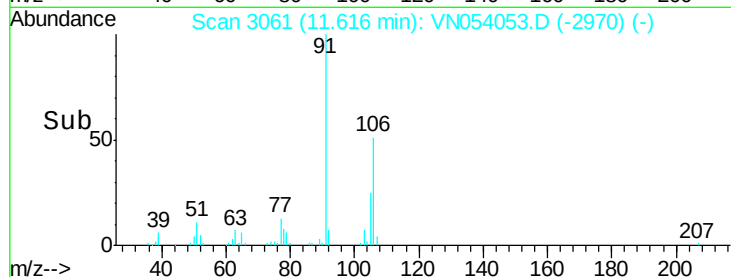
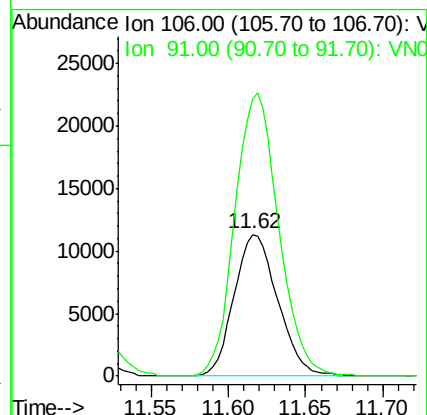
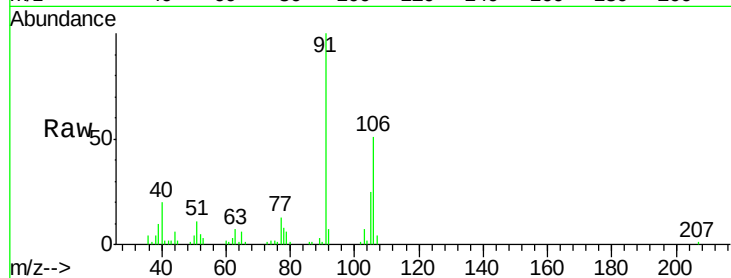




#68
m/p-Xylenes
Concen: 1.424 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

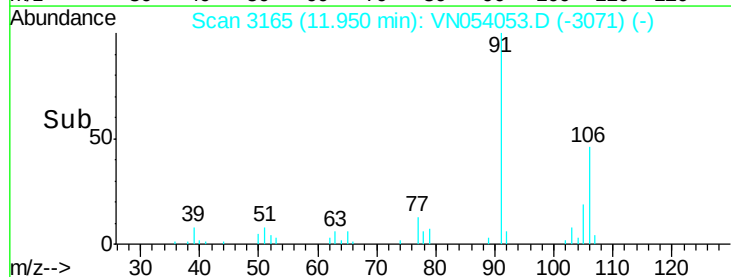
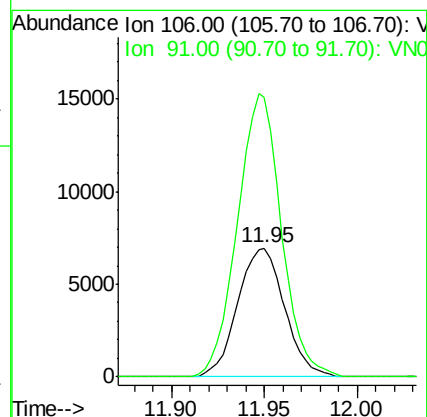
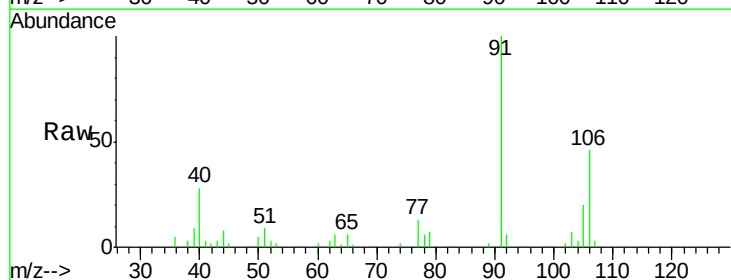
Instrument :
MSVOA_N
ClientSampled :
Z-4-A-B

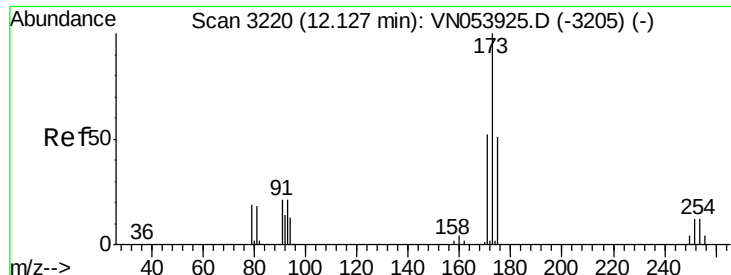
Tot Ion:106 Resp: 22193
Ion Ratio Lower Upper
106 100
91 200.9 158.9 238.3



#69
o-Xylene
Concen: 0.797 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054053.D
Acq: 2 Mar 2019 1:56

Tgt Ion:106 Resp: 12204
Ion Ratio Lower Upper
106 100
91 206.3 106.0 318.0





#71

Bromoform

Concen: 0.643 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

Instrument :

MSVOA_N

ClientSampled :

Z-4-A-B

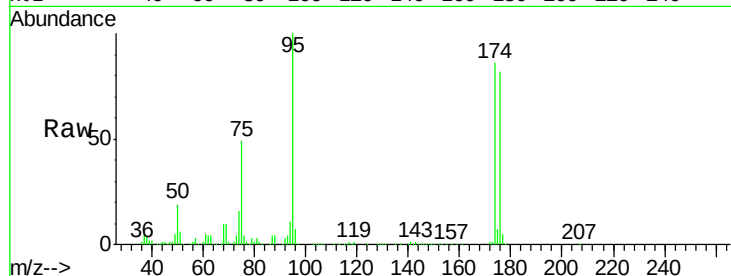
Tot Ion:173 Resp: 3967

Ion Ratio Lower Upper

173 100

175 709.8 24.3 72.8#

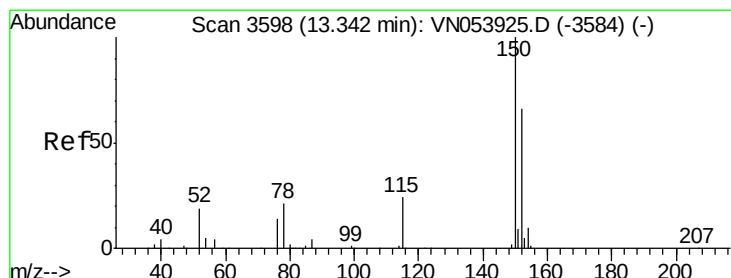
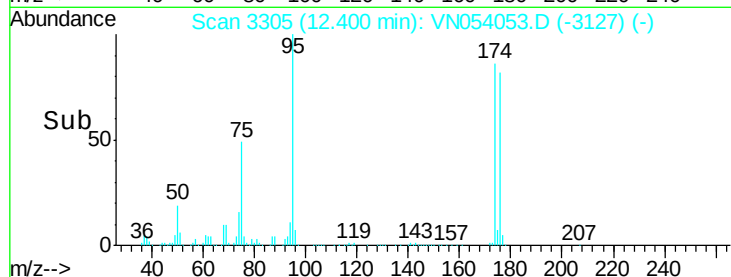
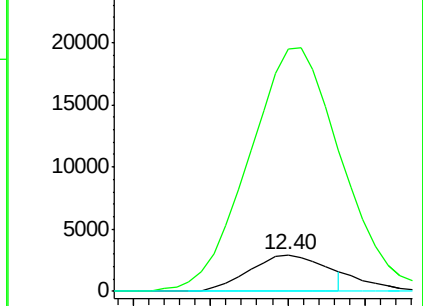
254 0.0 0.2 0.2#



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: VN054053.D

Acq: 2 Mar 2019 1:56

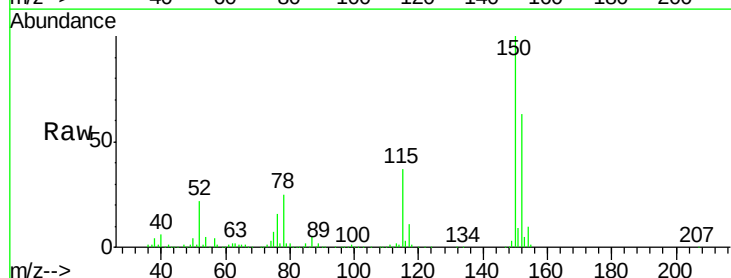
Tgt Ion:152 Resp: 420204

Ion Ratio Lower Upper

152 100

115 58.5 27.2 81.6

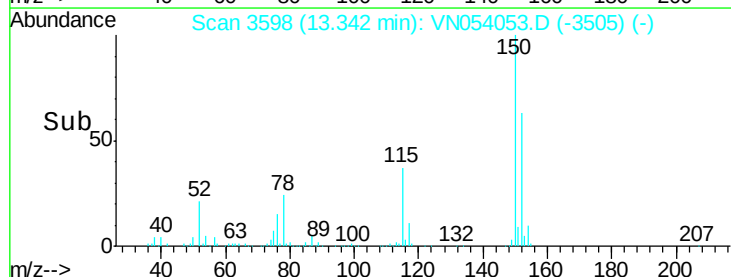
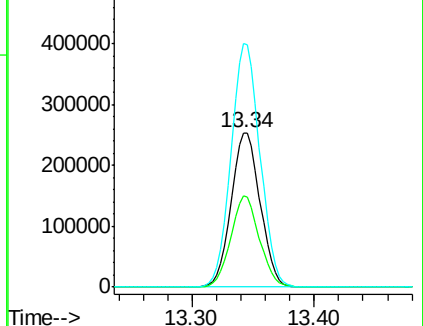
150 157.1 0.0 348.2

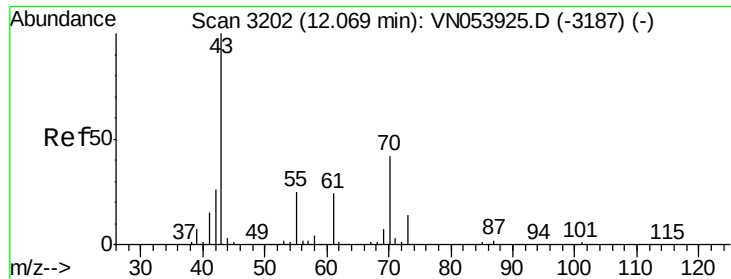


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.497 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

Instrument :

MSVOA_N

ClientSampleId :

Z-4-A-B

Tot Ion: 43 Resp: 21409

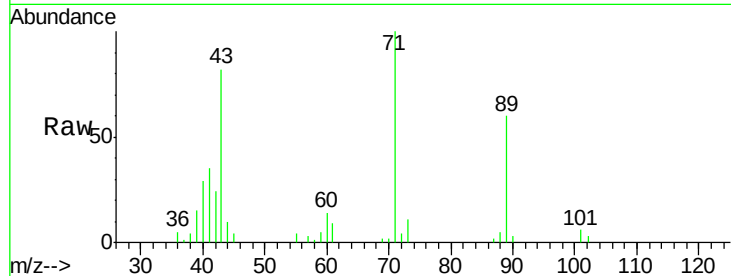
Ion Ratio Lower Upper

43 100

70 1.7 37.4 56.2#

55 5.1 21.4 32.0#

61 9.7 20.9 31.3#

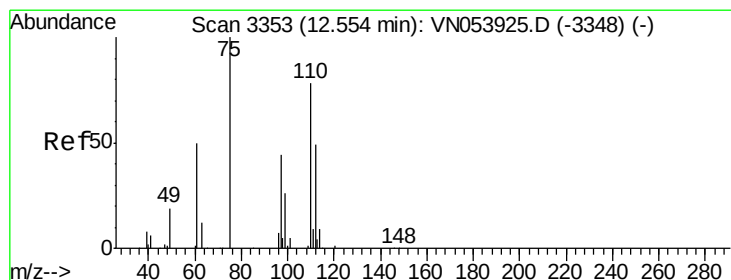
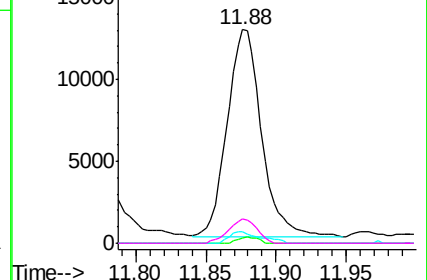
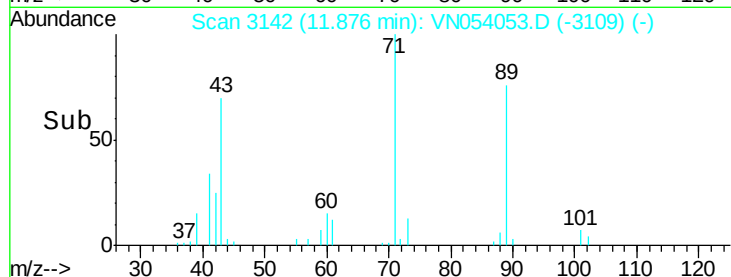


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 36.703 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054053.D

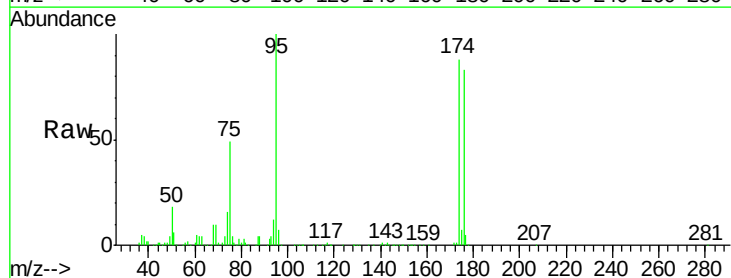
Acq: 2 Mar 2019 1:56

Tgt Ion: 75 Resp: 247407

Ion Ratio Lower Upper

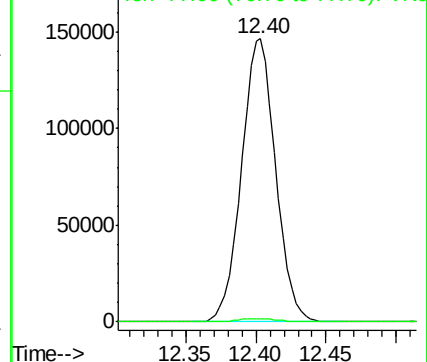
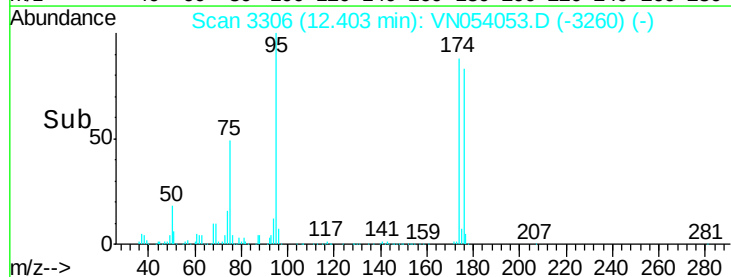
75 100

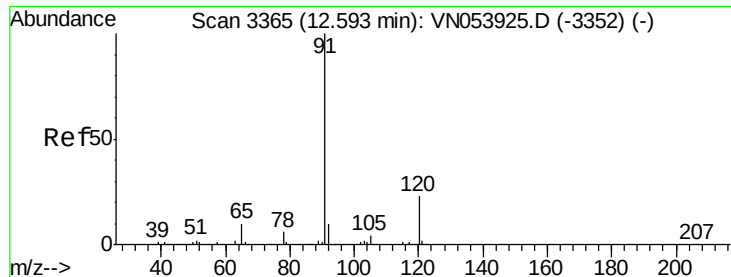
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 0.477 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

Instrument :

MSVOA_N

ClientSampled :

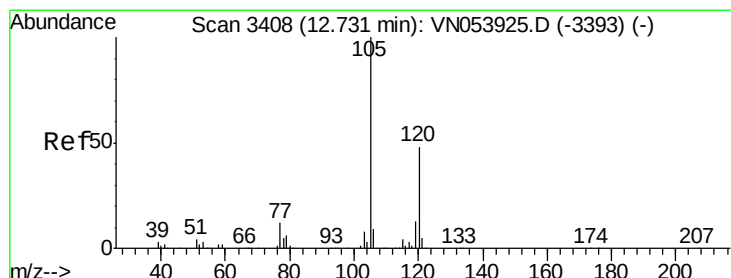
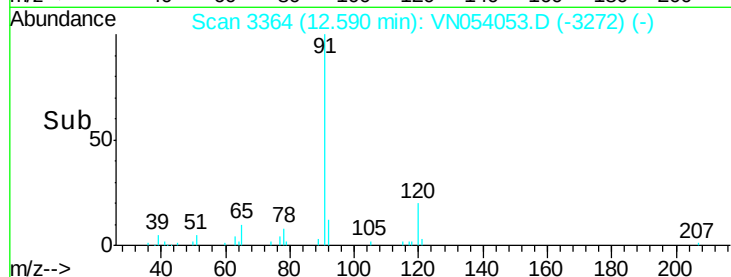
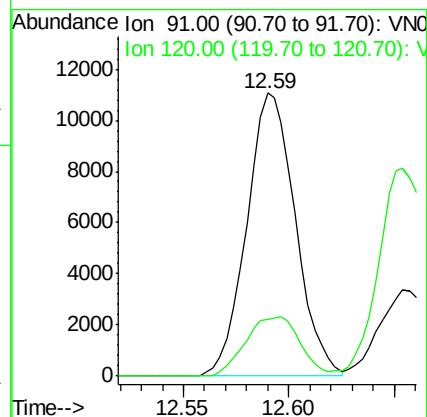
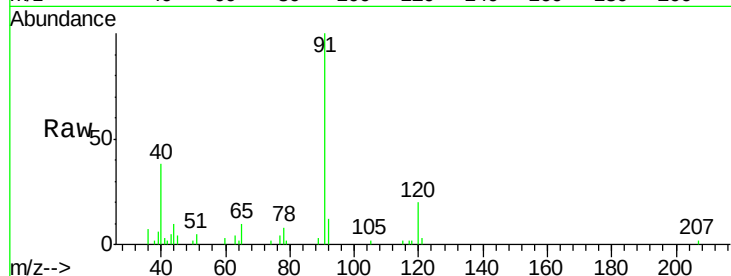
Z-4-A-B

Tot Ion: 91 Resp: 17732

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.9



#80

1,3,5-Trimethylbenzene

Concen: 1.017 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054053.D

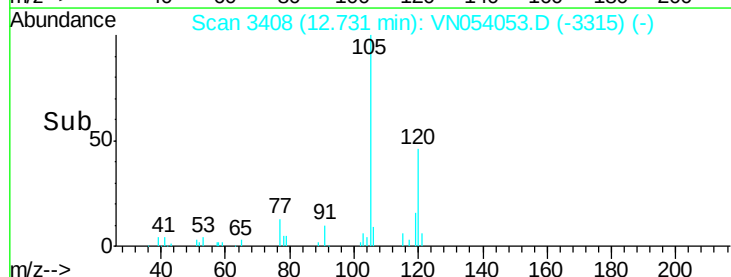
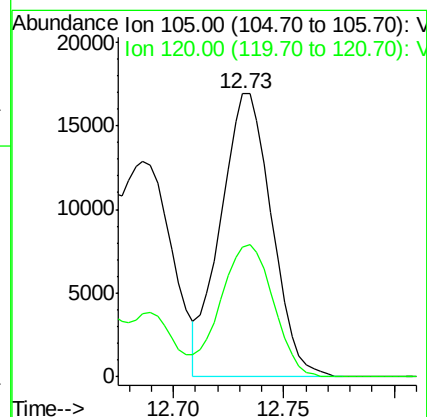
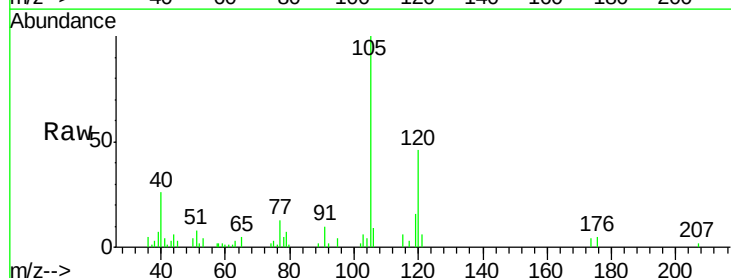
Acq: 2 Mar 2019 1:56

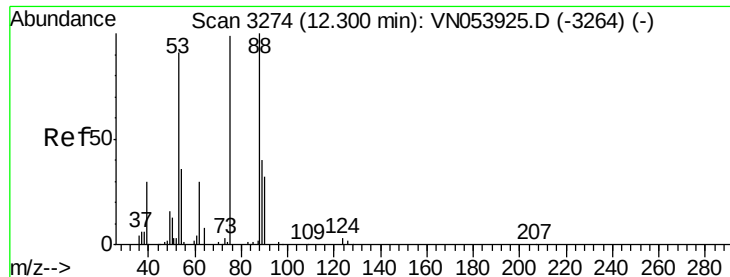
Tgt Ion: 105 Resp: 27227

Ion Ratio Lower Upper

105 100

120 48.0 25.1 75.2

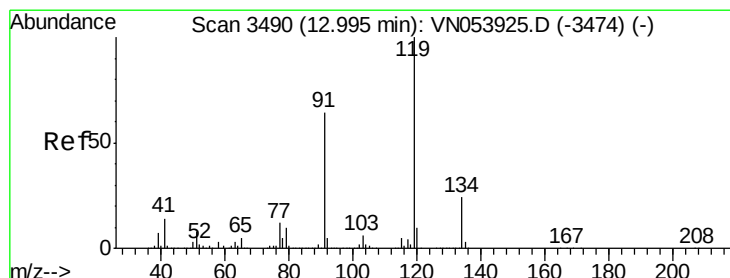
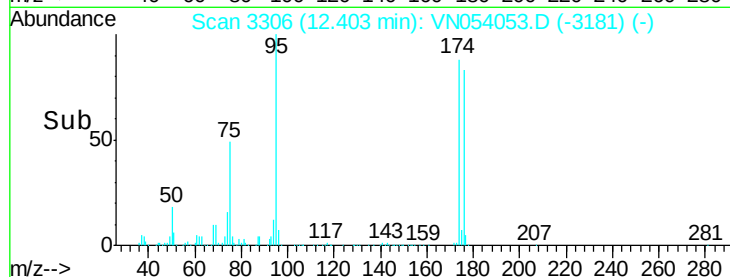
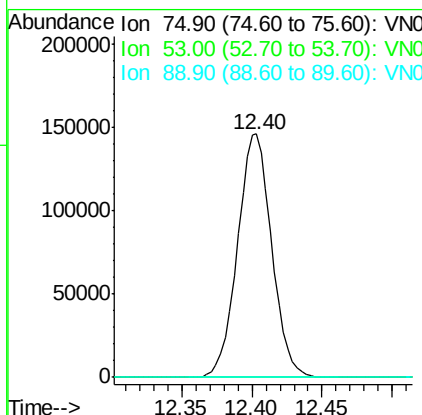
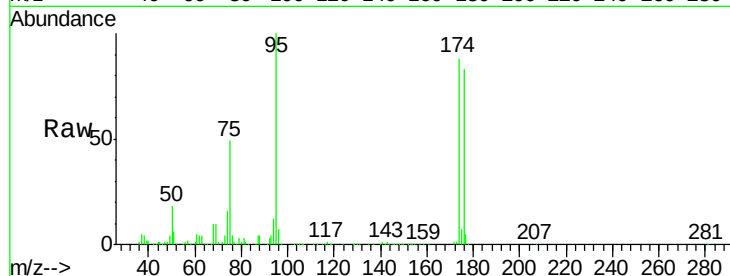




#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.004 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN054053.D
 Acq: 2 Mar 2019 1:56

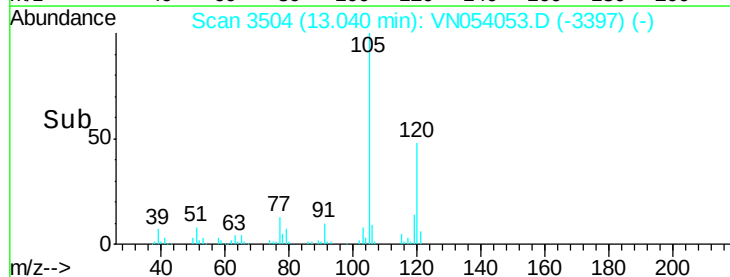
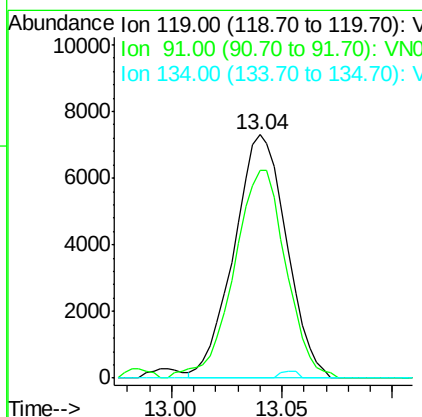
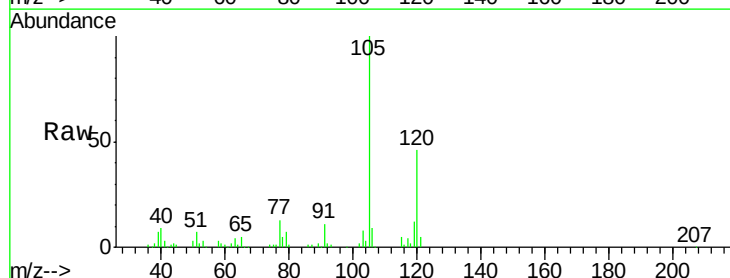
Instrument :
 MSVOA_N
 ClientSampleId :
 Z-4-A-B

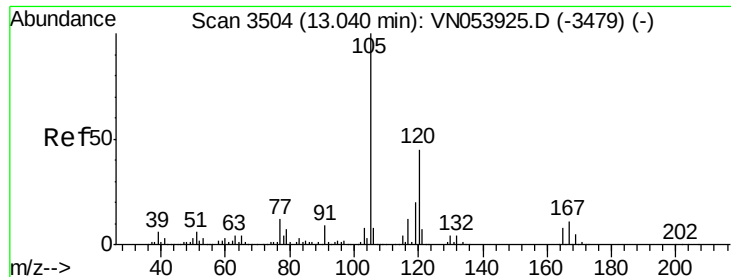
Tot Ion: 75 Resp: 247407
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.6 102.8#
 89 0.0 35.3 52.9#



#83
 tert-Butylbenzene
 Concen: 0.509 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN054053.D
 Acq: 2 Mar 2019 1:56

Tgt Ion: 119 Resp: 12063
 Ion Ratio Lower Upper
 119 100
 91 84.4 30.6 91.8
 134 0.9 13.0 39.0#





#84

1,2,4-Trimethylbenzene

Concen: 3.573 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

Instrument :

MSVOA_N

ClientSampleId :

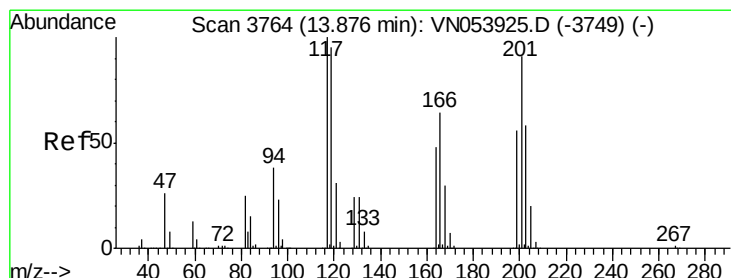
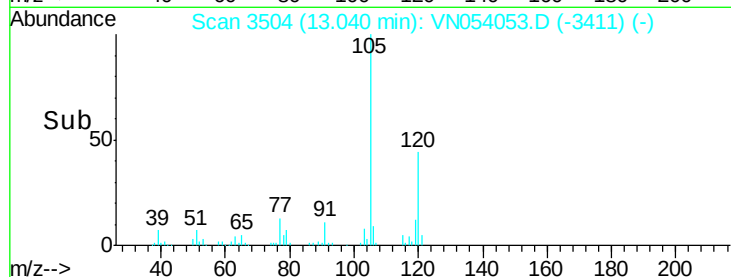
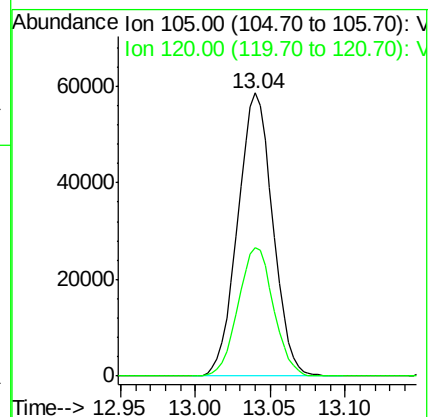
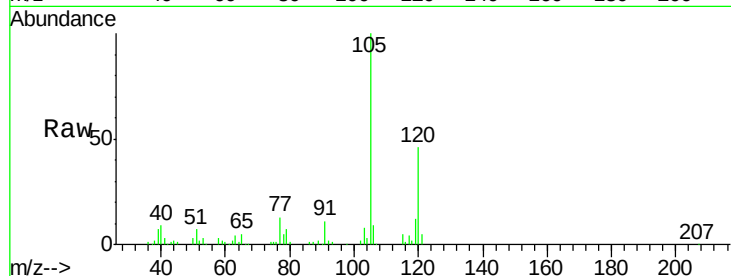
Z-4-A-B

Tot Ion:105 Resp: 95531

Ion Ratio Lower Upper

105 100

120 45.7 23.2 69.5



#90

Hexachloroethane

Concen: 0.259 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054053.D

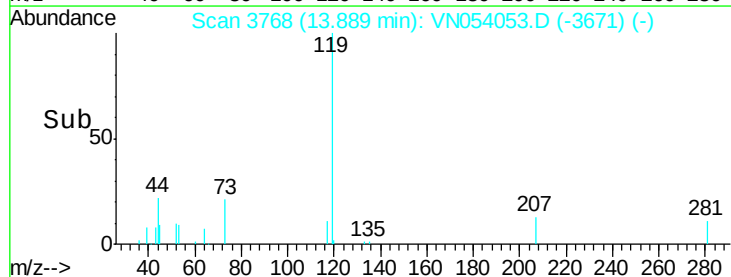
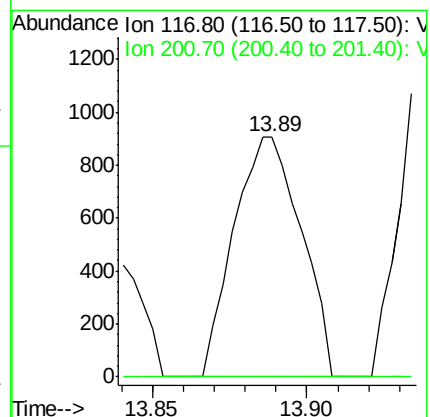
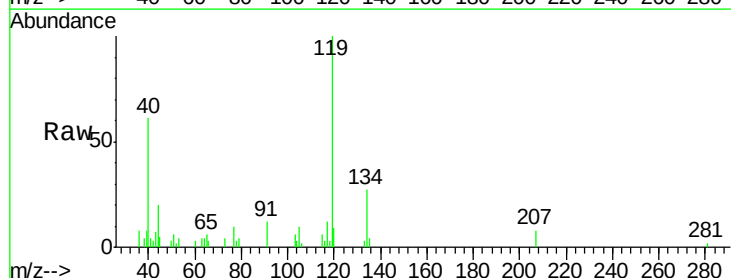
Acq: 2 Mar 2019 1:56

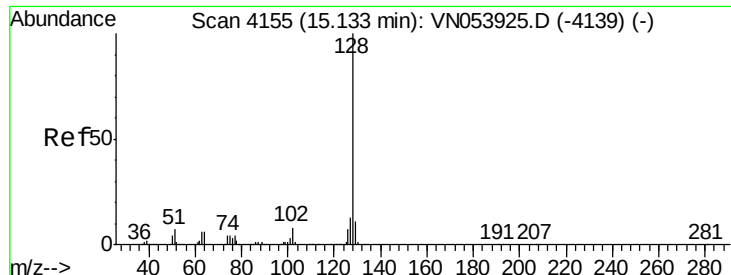
Tgt Ion:117 Resp: 1370

Ion Ratio Lower Upper

117 100

201 0.0 48.0 144.2#





#95

Naphthalene

Concen: 4.026 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054053.D

Acq: 2 Mar 2019 1:56

Instrument :

MSVOA_N

ClientSampleId :

Z-4-A-B

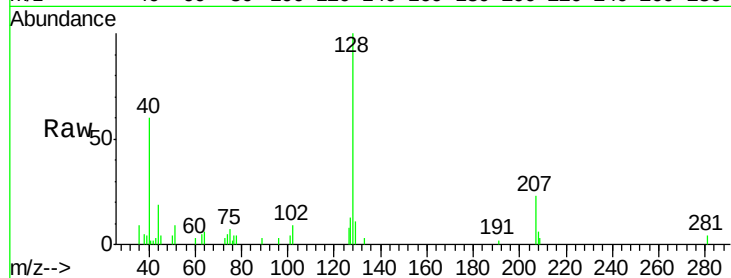
Tot Ion:128 Resp: 14483

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 9.5 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

