

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054049.D
 Acq On : 2 Mar 2019 00:09
 Operator : JC/SP
 Sample : K1675-36
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-13-B

Quant Time: Mar 02 04:49:54 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	609050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1121922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1105450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	413637	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	399667	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	
35) Dibromofluoromethane	7.59	113	357585	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	10.09	98	1435997	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.40	95	481530	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	

Target Compounds

					Qvalue	
8) Diethyl Ether	3.41	74	1009	0.271	ug/l	65
11) Tert butyl alcohol	4.77	59	103	0.228	ug/l #	73
14) Allyl chloride	4.55	41	18060	1.713	ug/l #	27
16) Acetone	3.82	43	11929	Below Cal		92
18) Methyl Acetate	4.34	43	3672	0.736	ug/l #	80
20) Methylene Chloride	4.55	84	427853	60.550	ug/l	91
25) 2-Butanone	6.84	43	1130	0.403	ug/l	90
29) Tetrahydrofuran	7.22	42	1462	0.783	ug/l #	38
30) Chloroform	7.37	83	5723	0.473	ug/l #	81
31) Cyclohexane	7.66	56	11609	0.612	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	41325	3.961	ug/l #	47
38) Carbon Tetrachloride	7.67	117	52448	4.833	ug/l #	17
43) Isopropyl Acetate	8.32	43	464715	36.945	ug/l #	58
45) 1,2-Dichloropropane	9.27	63	2118	0.245	ug/l #	44
47) Bromodichloromethane	9.40	83	2242	0.212	ug/l #	97
48) Methyl methacrylate	9.18	41	12023	2.078	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	10932	1.691	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	69665	5.740	ug/l #	72
56) Ethyl methacrylate	10.54	69	1474	2.108	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	13521	1.135	ug/l #	43
59) 2-Hexanone	10.76	43	209384	49.807	ug/l #	47
68) m/p-Xylenes	11.62	106	6031	0.409	ug/l	96
71) Bromoform	12.40	173	3297	0.564	ug/l #	1
74) N-ethyl acetate	11.88	43	20910	2.478	ug/l #	48
76) 1,2,3-Trichloropropane	12.40	75	234681	35.368	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	12684	0.481	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	234681	111.784	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	27276	1.036	ug/l	100
90) Hexachloroethane	13.89	117	1077	0.206	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.90	180	613	2.300	ug/l #	27
95) Naphthalene	15.13	128	98768	8.855	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	115	1.573	ug/l #	1

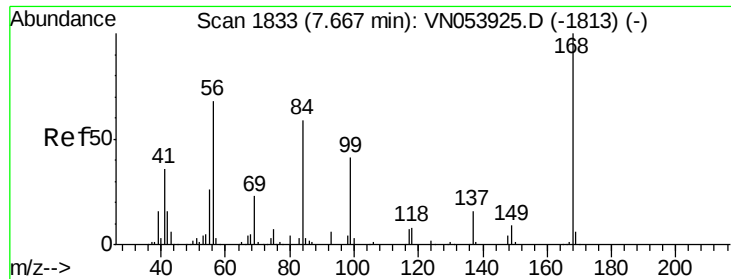
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
Data File : VN054049.D
Acq On : 2 Mar 2019 00:09
Operator : JC/SP
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Quant Time: Mar 02 04:49:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration

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

(#) = 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: VN054049.D

Acq: 2 Mar 2019 00:09

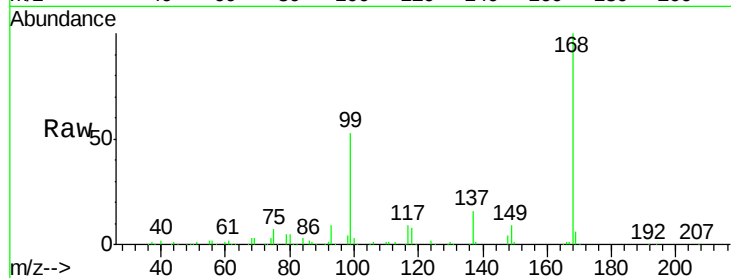
Instrument :
MSVOA_N
ClientSampled :
Z-3-13-B

Tot Ion:168 Resp: 609050

Ion Ratio Lower Upper

168 100

99 52.8 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

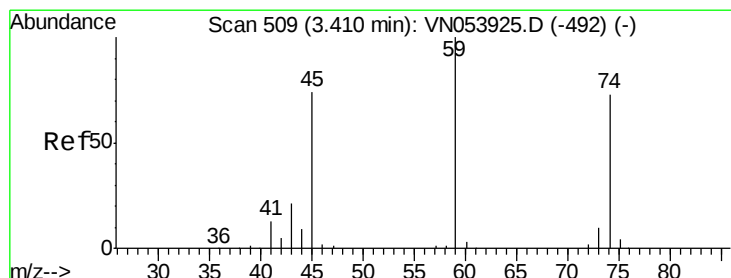
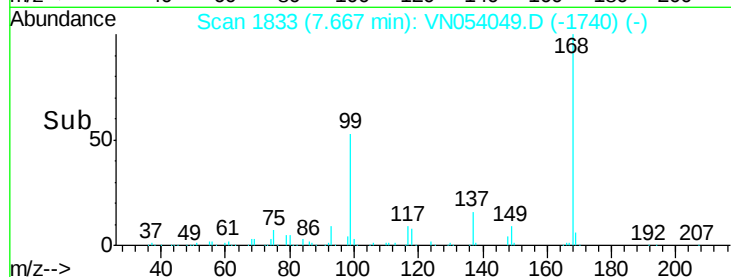
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#8

Diethyl Ether

Concen: 0.271 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN054049.D

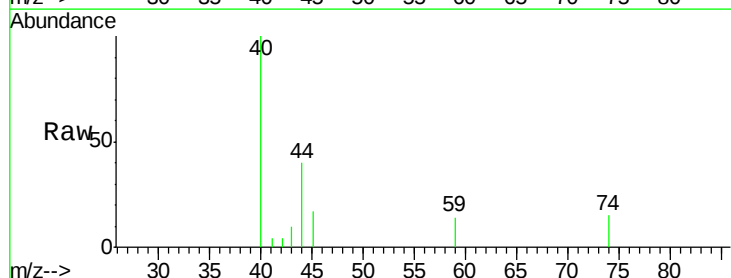
Acq: 2 Mar 2019 00:09

Tgt Ion: 74 Resp: 1009

Ion Ratio Lower Upper

74 100

45 59.8 46.9 140.6



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

800

600

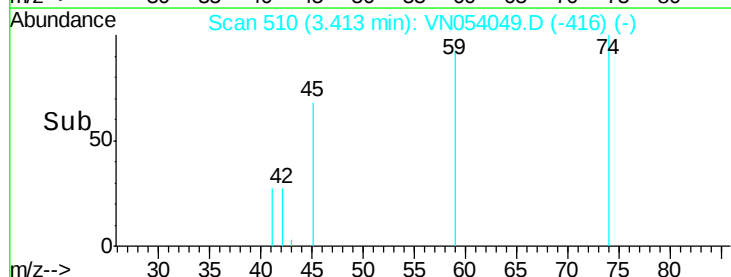
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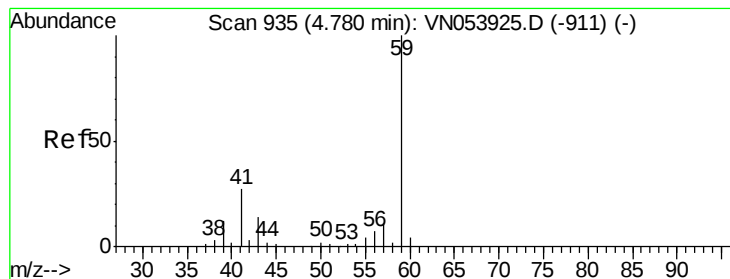
200

0

3.40 3.41 3.42 3.43 3.44 3.45

Time-->



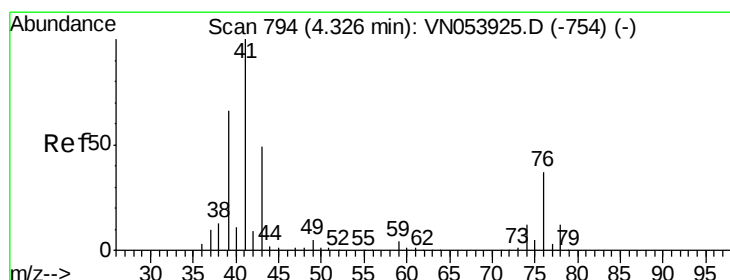
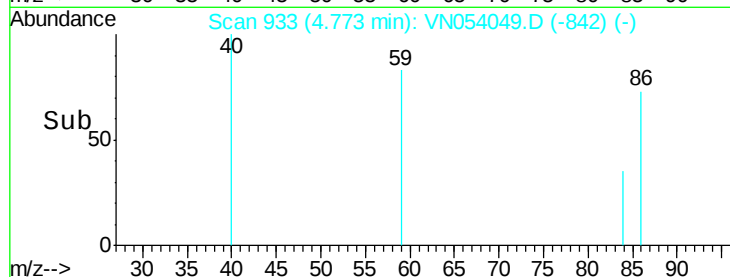
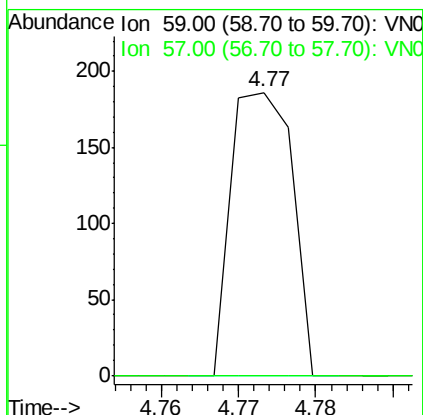
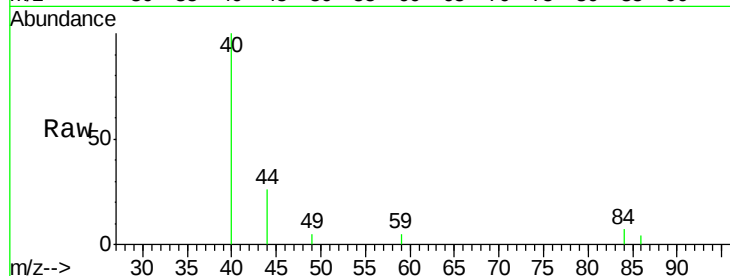


#11

Tert butyl alcohol
 Concen: 0.228 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: VN054049.D
 Acq: 2 Mar 2019 00:09

Instrument :
 MSVOA_N
 ClientSampled :
 Z-3-13-B

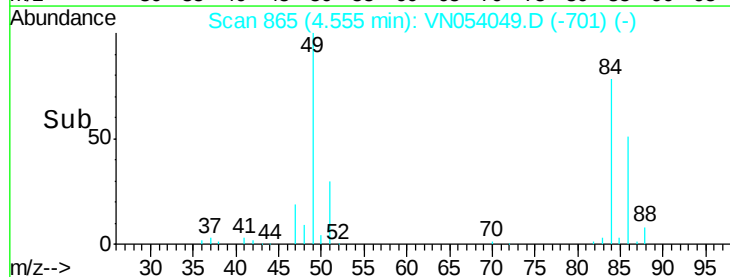
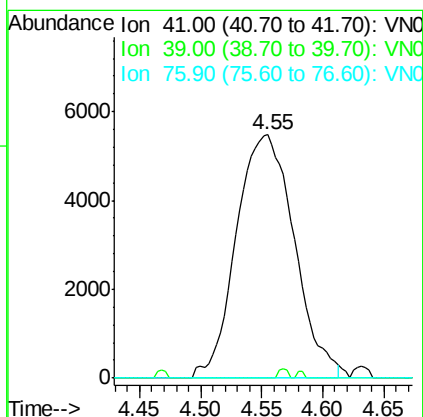
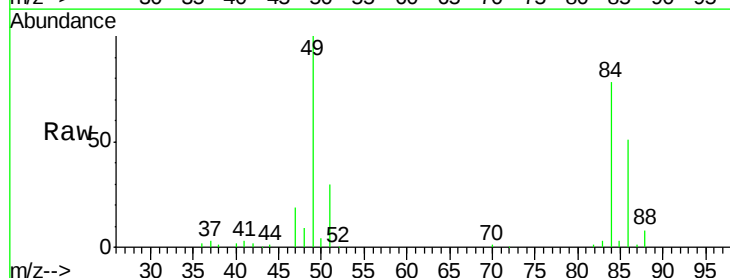
Tot Ion: 59 Resp: 103
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

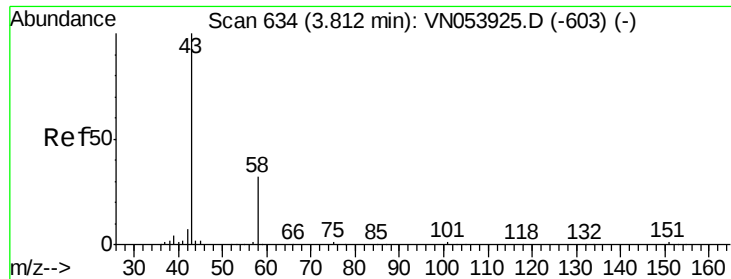


#14

Allyl chloride
 Concen: 1.713 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.23 min
 Lab File: VN054049.D
 Acq: 2 Mar 2019 00:09

Tgt Ion: 41 Resp: 18060
 Ion Ratio Lower Upper
 41 100
 39 0.6 48.8 73.2#
 76 0.0 30.9 46.3#





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054049.D

Acq: 2 Mar 2019 00:09

Instrument :

MSVOA_N

ClientSampled :

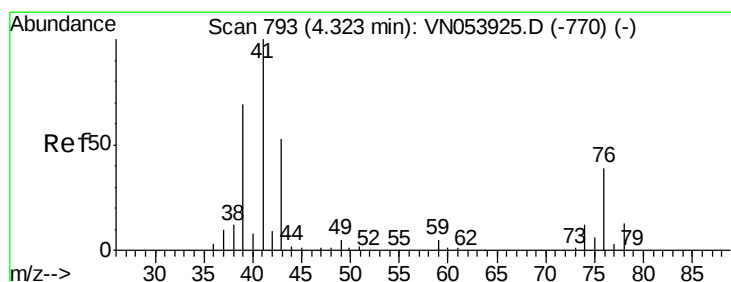
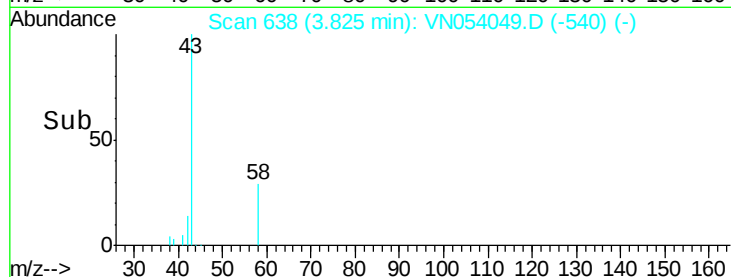
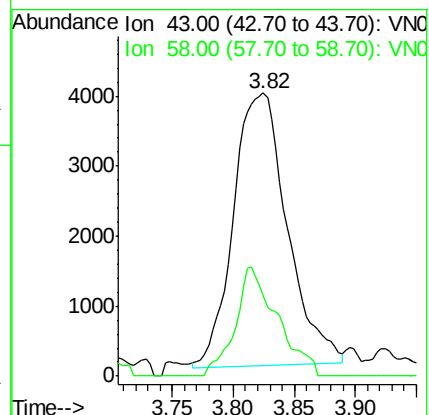
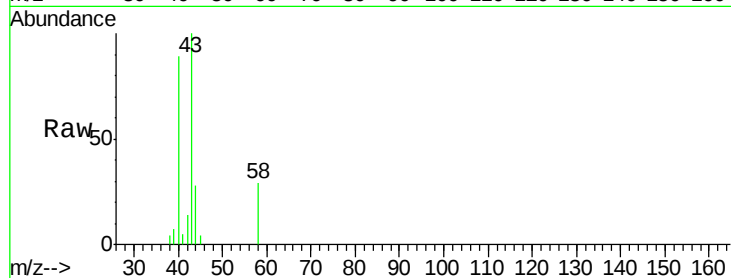
Z-3-13-B

Tot Ion: 43 Resp: 11929

Ion Ratio Lower Upper

43 100

58 29.9 27.6 41.4



#18

Methyl Acetate

Concen: 0.736 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN054049.D

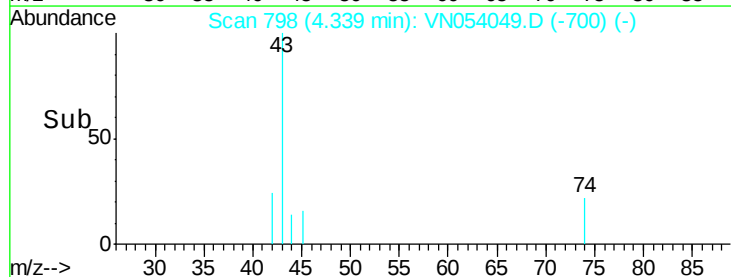
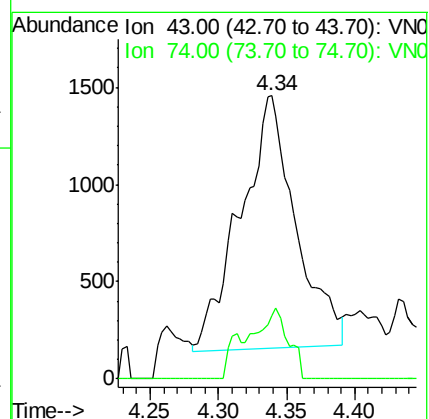
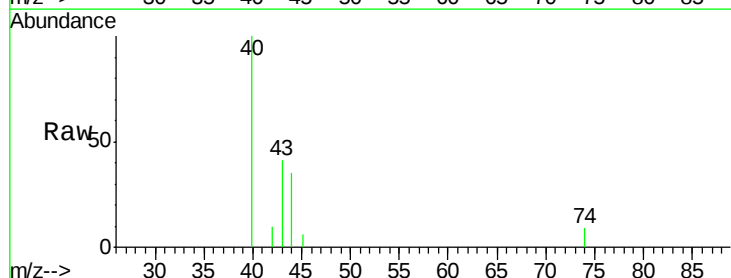
Acq: 2 Mar 2019 00:09

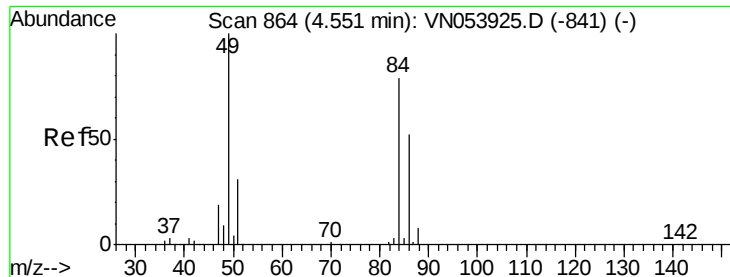
Tgt Ion: 43 Resp: 3672

Ion Ratio Lower Upper

43 100

74 15.6 20.5 30.7#

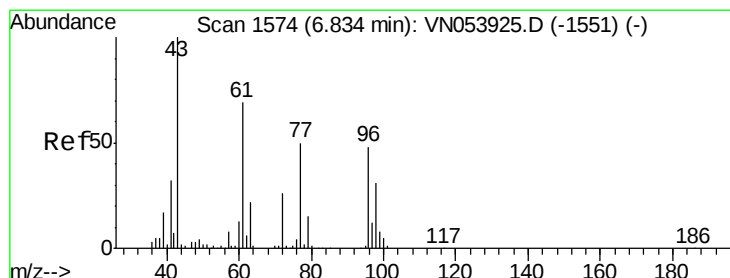
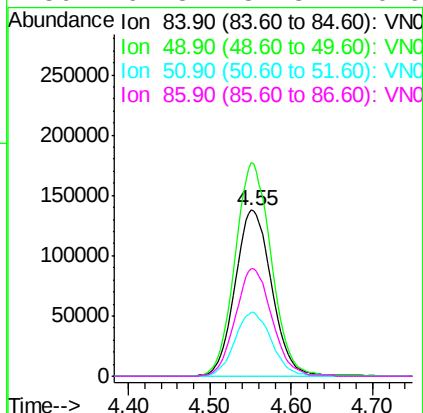
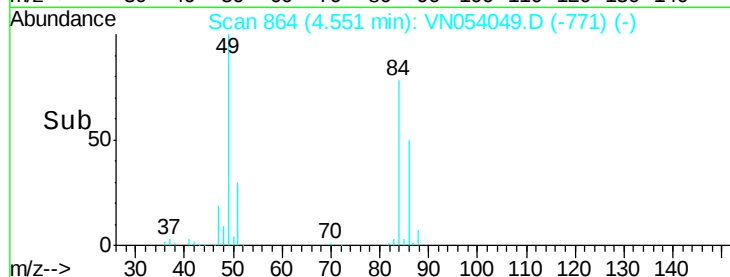
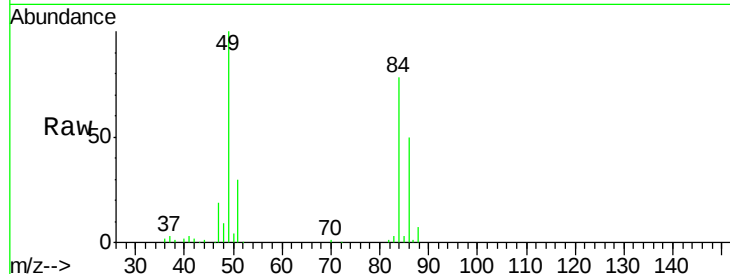




#20
Methvlene Chloride
Concen: 60.550 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054049.D
Acq: 2 Mar 2019 00:09

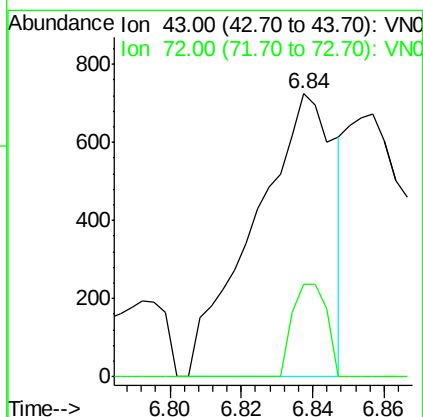
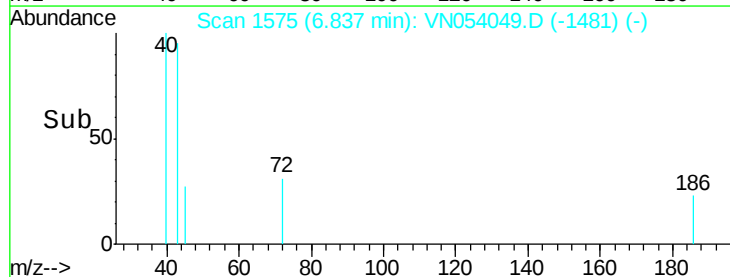
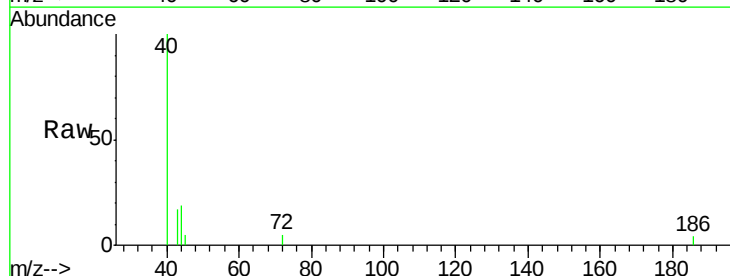
Instrument :
MSVOA_N
ClientSampled :
Z-3-13-B

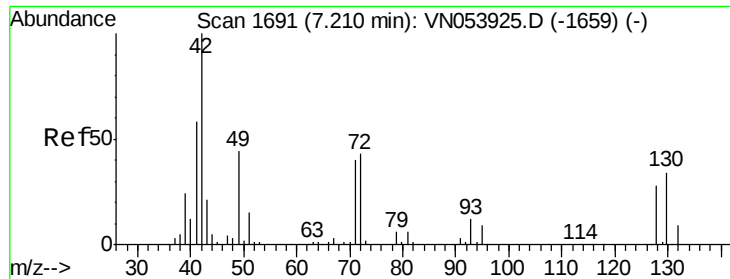
Tot Ion: 84 Resp: 427853
Ion Ratio Lower Upper
84 100
49 128.4 89.7 134.5
51 38.2 27.8 41.8
86 64.8 51.3 76.9



#25
2-Butanone
Concen: 0.403 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN054049.D
Acq: 2 Mar 2019 00:09

Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
72 32.9 22.1 33.1





#29

Tetrahydrofuran

Concen: 0.783 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN054049.D

Acq: 2 Mar 2019 00:09

Instrument :

MSVOA_N

ClientSampled :

Z-3-13-B

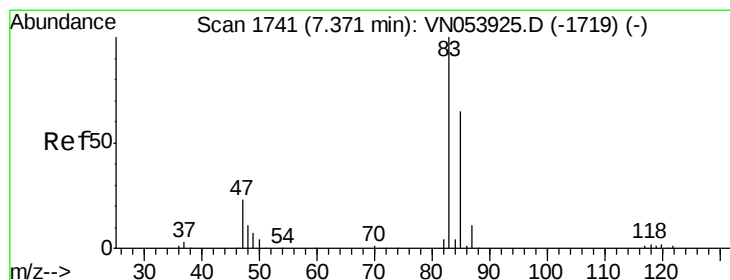
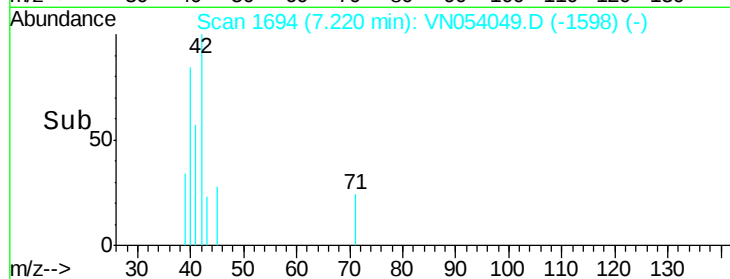
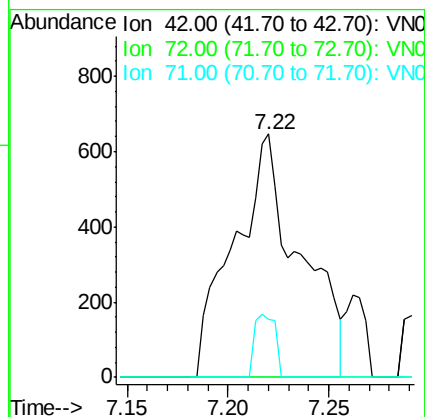
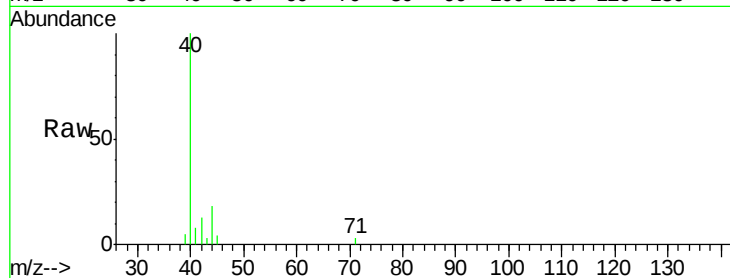
Tot Ion: 42 Resp: 1462

Ion Ratio Lower Upper

42 100

72 0.0 36.9 55.3#

71 8.2 34.6 52.0#



#30

Chloroform

Concen: 0.473 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN054049.D

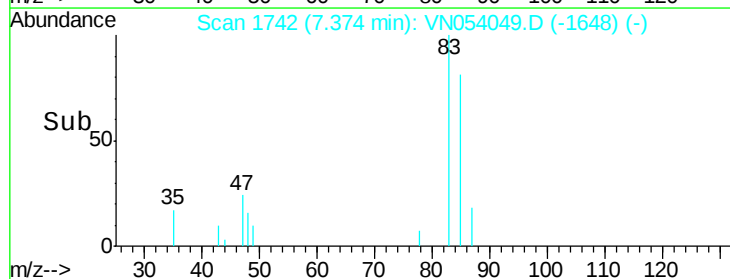
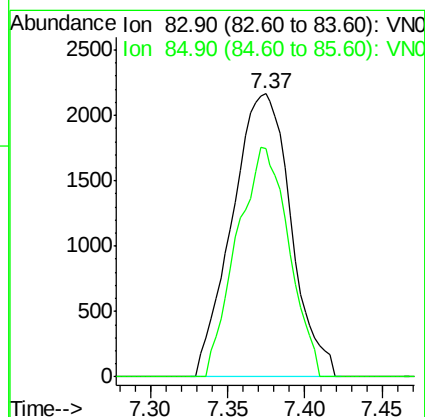
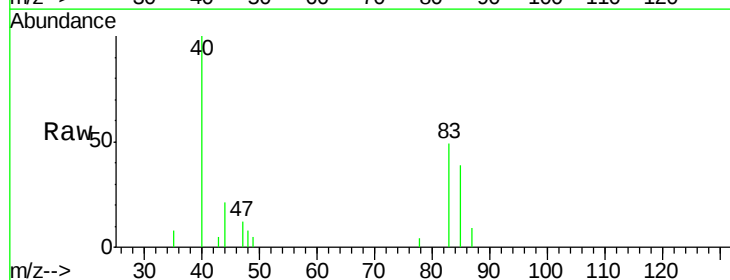
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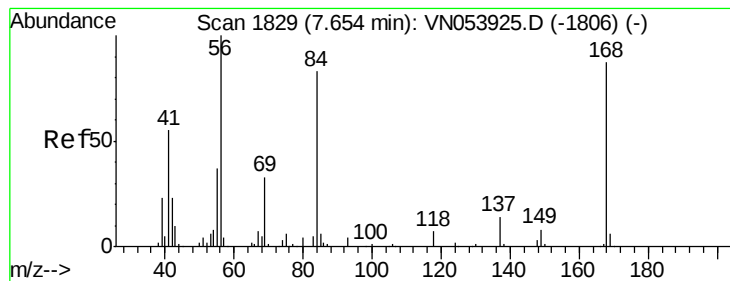
Tgt Ion: 83 Resp: 5723

Ion Ratio Lower Upper

83 100

85 80.7 52.6 78.8#





#31

Cyclohexane

Concen: 0.612 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN054049.D

Acq: 2 Mar 2019 00:09

Instrument :

MSVOA_N

ClientSampled :

Z-3-13-B

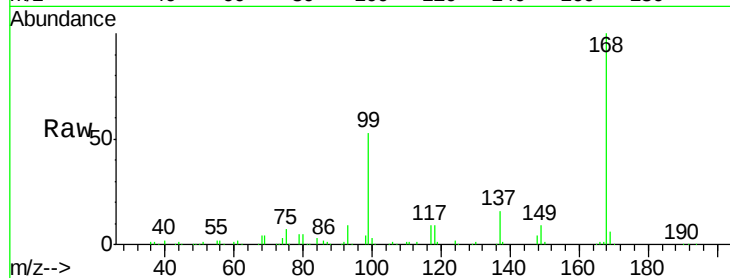
Tot Ion: 56 Resp: 11609

Ion Ratio Lower Upper

56 100

69 181.5 26.0 39.0#

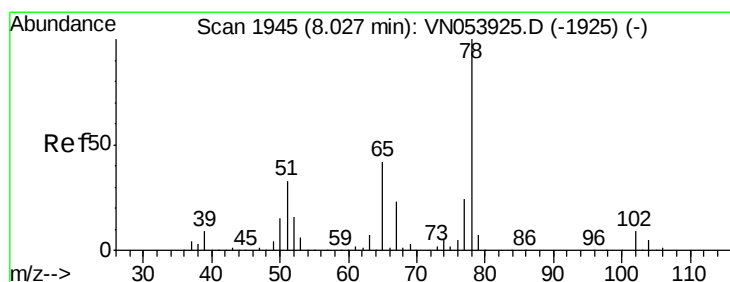
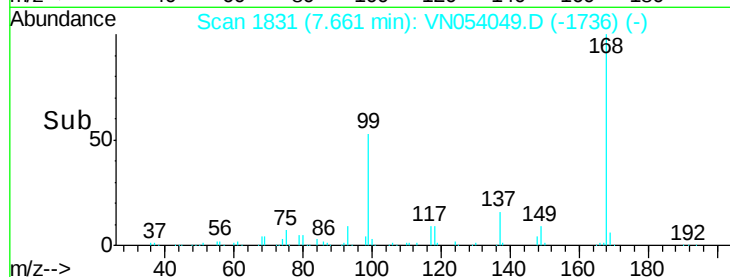
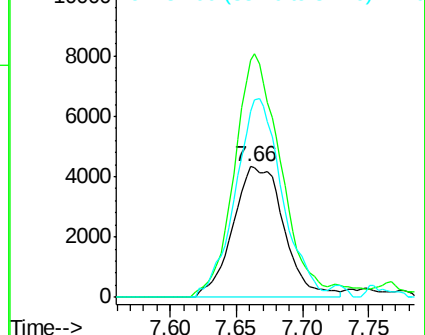
84 142.4 69.1 103.7#



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: 55.980 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054049.D

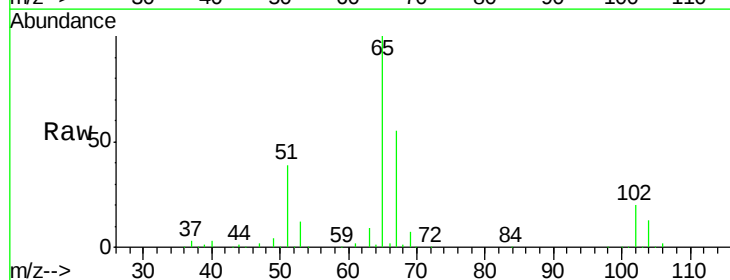
Acq: 2 Mar 2019 00:09

Tgt Ion: 65 Resp: 399667

Ion Ratio Lower Upper

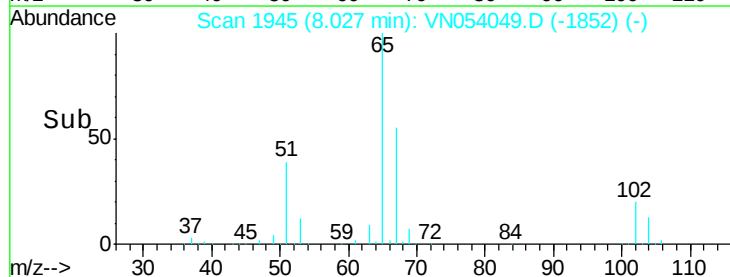
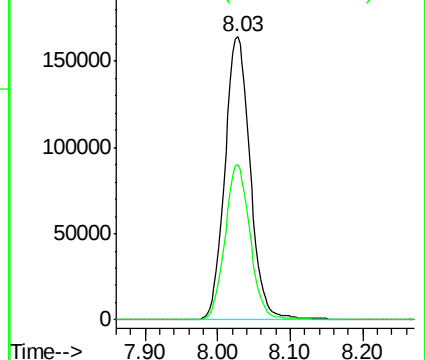
65 100

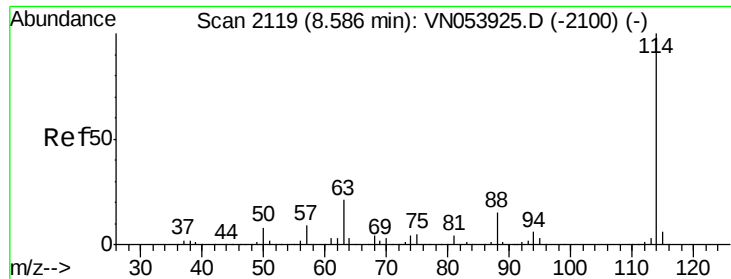
67 54.0 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

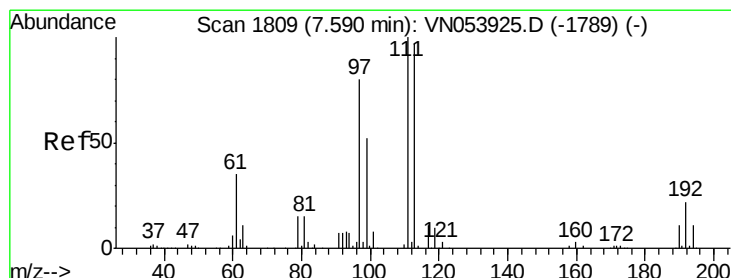
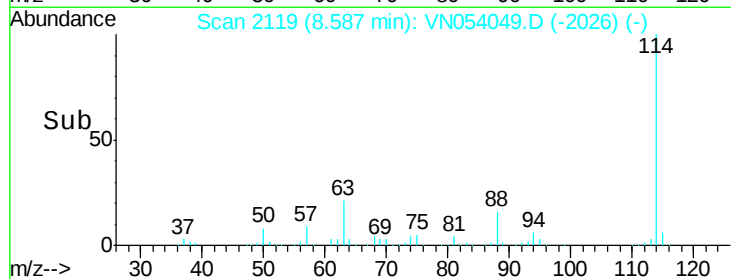
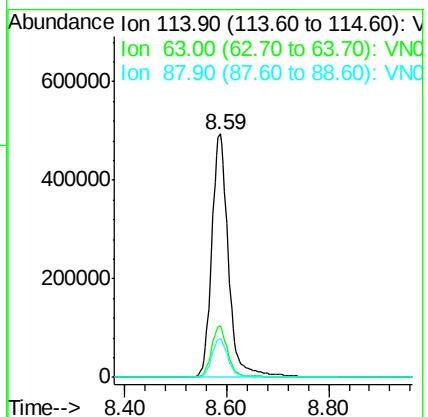
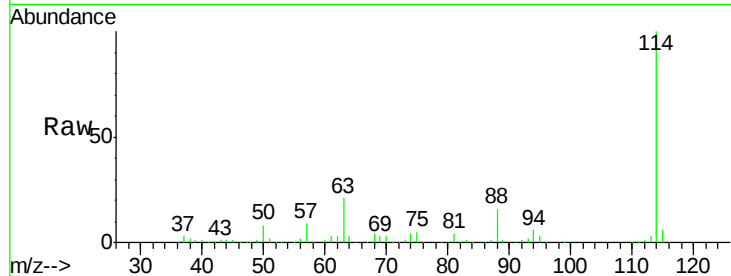




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054049.D
 Acq: 2 Mar 2019 00:09

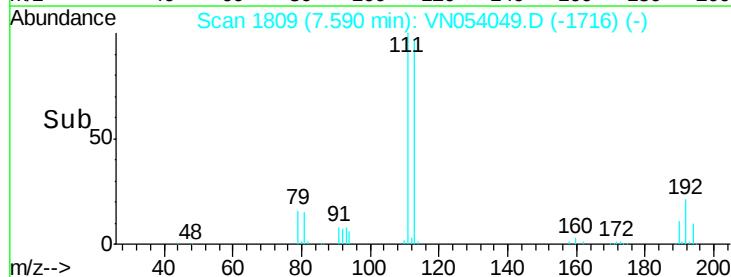
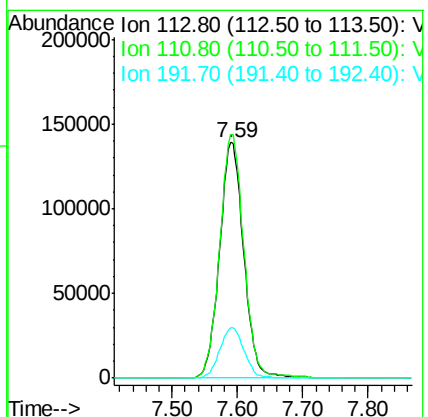
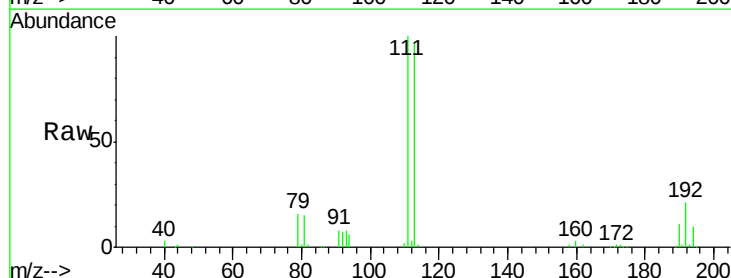
Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-13-B

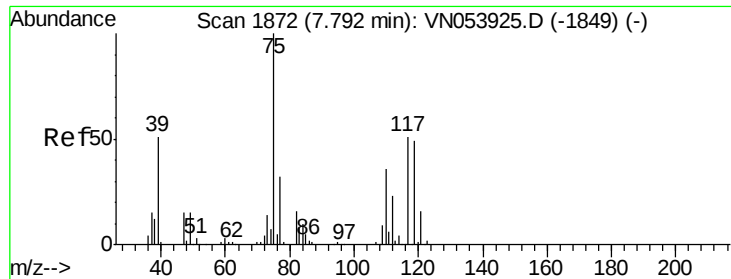
Tot Ion:114 Resp: 1121922
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 37.4
 88 15.7 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 49.288 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054049.D
 Acq: 2 Mar 2019 00:09

Tgt Ion:113 Resp: 357585
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.1 121.7
 192 21.6 18.8 28.2

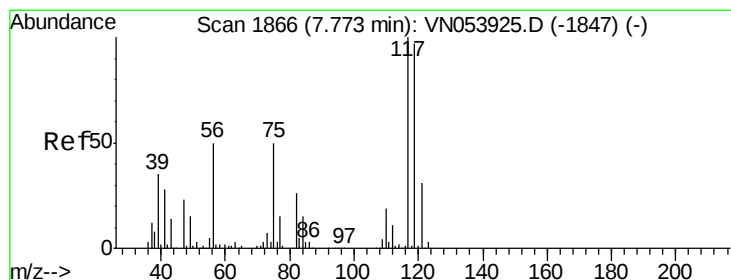
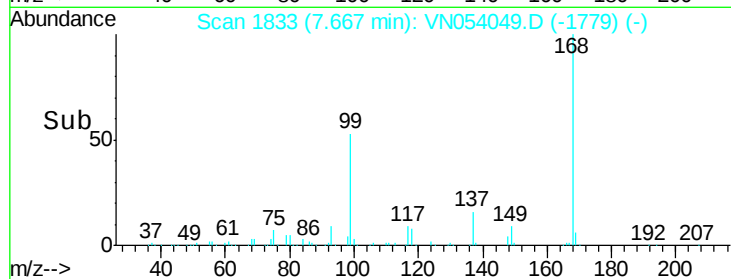
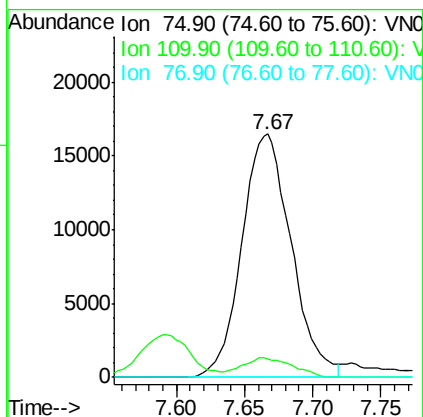
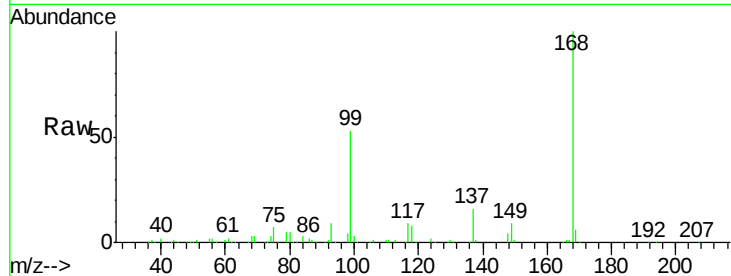




#36
 1,1-Dichloropropene
 Concen: 3.961 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN054049.D
 Acq: 2 Mar 2019 00:09

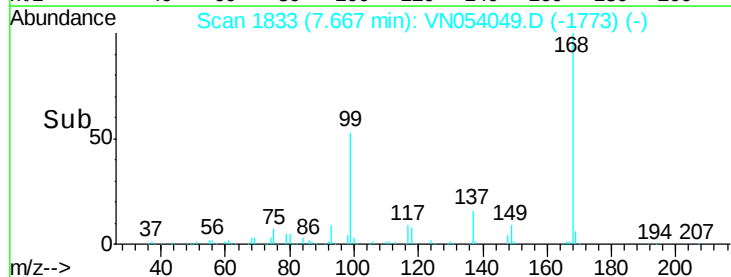
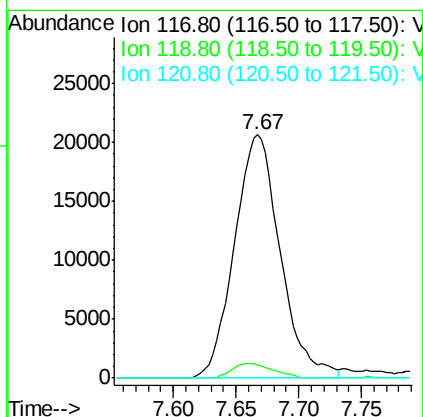
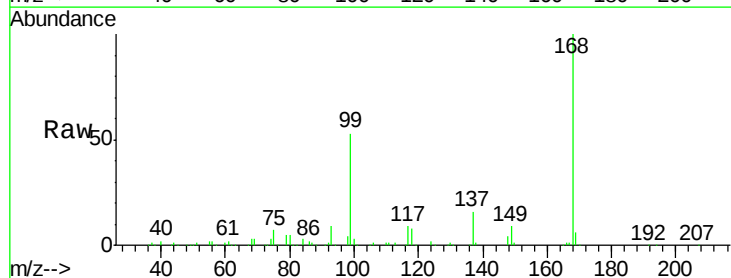
Instrument :
 MSVOA_N
 ClientSampled :
 Z-3-13-B

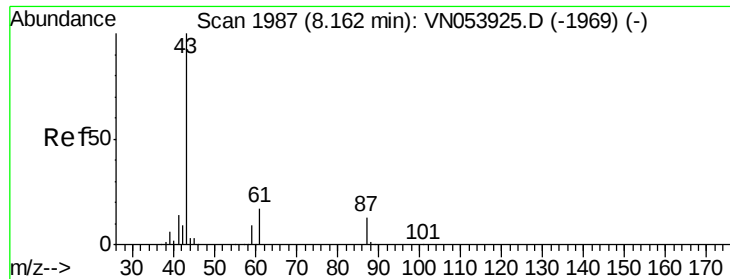
Tot Ion	75	Resp	41325
Ion Ratio	100	Lower	Upper
75	100		
110	8.2	19.0	57.0#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 4.833 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN054049.D
 Acq: 2 Mar 2019 00:09

Tgt Ion	117	Resp	52448
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.5	76.2	114.2#
121	0.0	24.6	36.8#



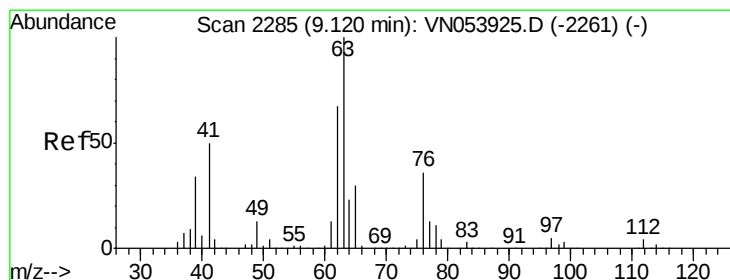
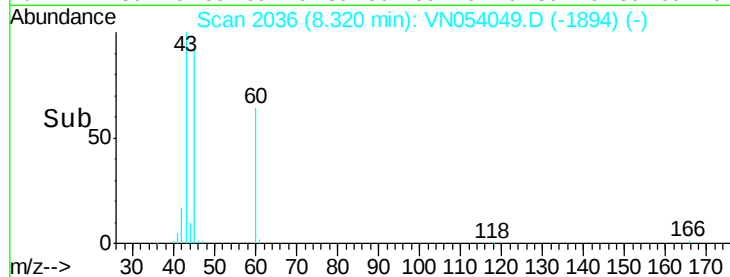
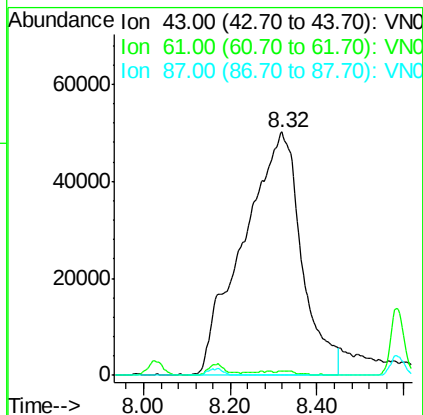
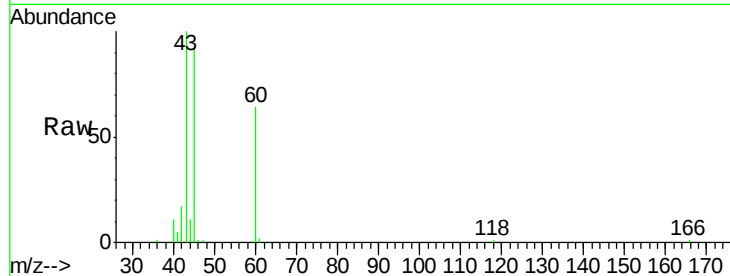


#43

Isopropyl Acetate
 Concen: 36.945 ug/l
 RT: 8.32 min Scan# 2036
 Delta R.T. 0.16 min
 Lab File: VN054049.D
 Acq: 2 Mar 2019 00:09

Instrument :
 MSVOA_N
 ClientSampled :
 Z-3-13-B

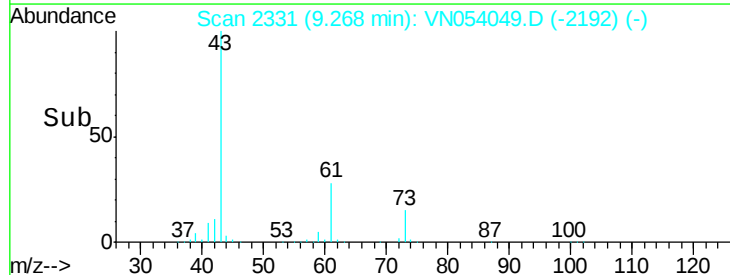
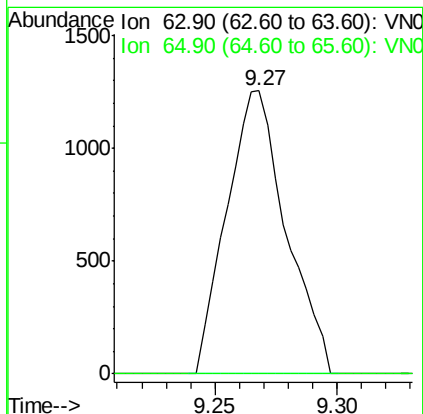
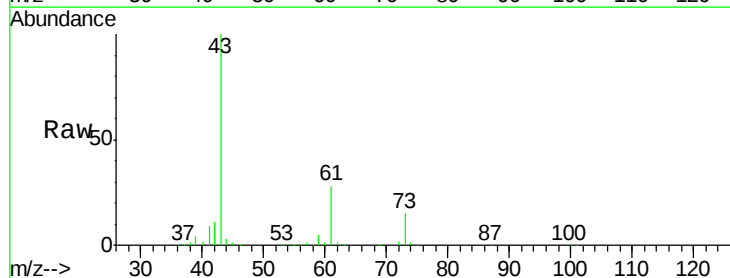
Tot Ion: 43 Resp: 464715
 Ion Ratio Lower Upper
 43 100
 61 0.0 17.4 26.0#
 87 0.0 11.5 17.3#

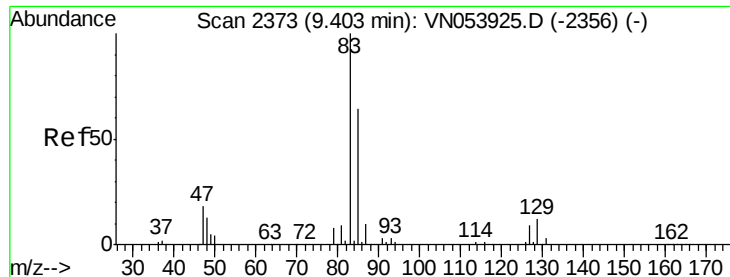


#45

1,2-Dichloropropane
 Concen: 0.245 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN054049.D
 Acq: 2 Mar 2019 00:09

Tgt Ion: 63 Resp: 2118
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.3 36.5#





#47

Bromodichloromethane

Concen: 0.212 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054049.D

Acq: 2 Mar 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

Z-3-13-B

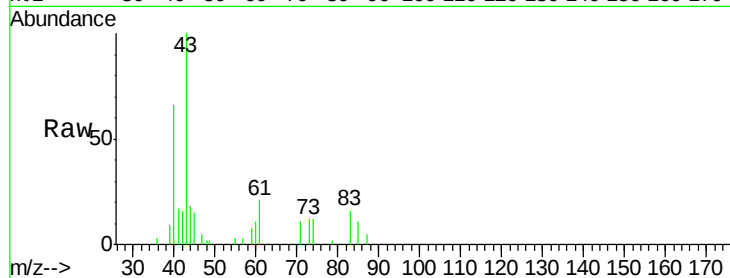
Tot Ion: 83 Resp: 2242

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.6

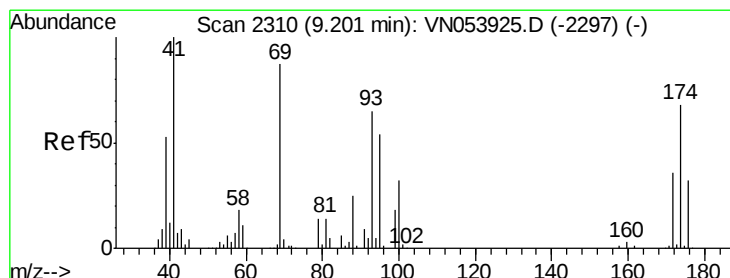
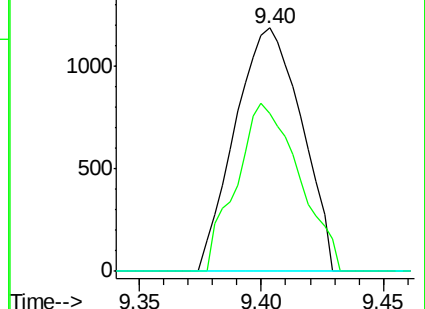
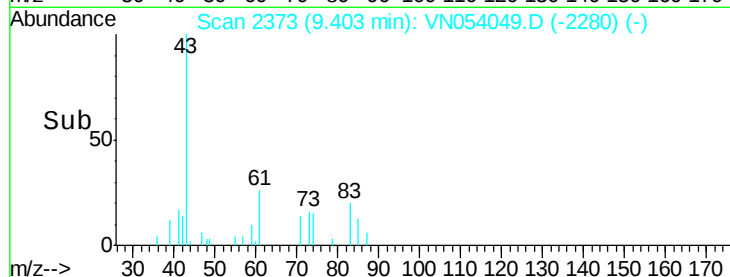
127 0.0 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VN054049.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054049.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054049.D (-2280) (-)



#48

Methyl methacrylate

Concen: 2.078 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN054049.D

Acq: 2 Mar 2019 00:09

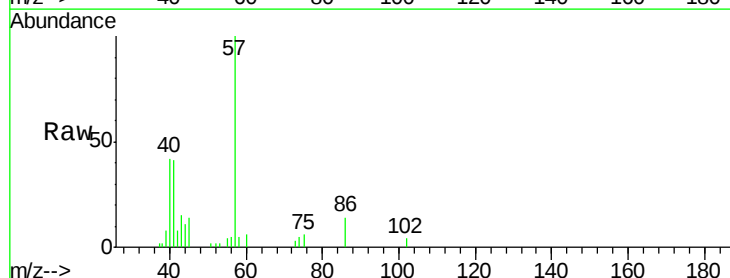
Tgt Ion: 41 Resp: 12023

Ion Ratio Lower Upper

41 100

69 0.0 74.8 112.2#

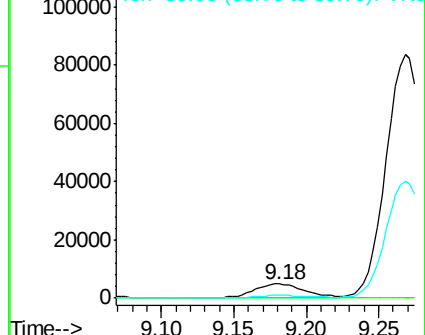
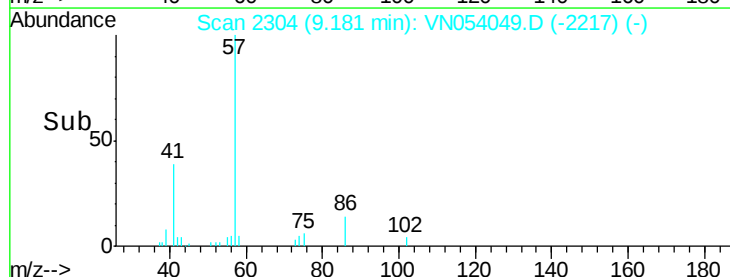
39 0.0 39.0 58.6#

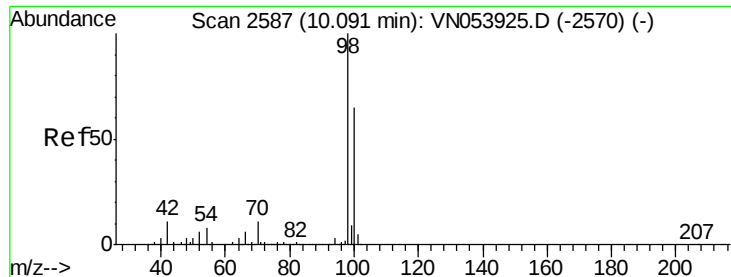


Abundance Ion 41.00 (40.70 to 41.70): VN054049.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054049.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054049.D (-2217) (-)





#50

Toluene-d8

Concen: 53.171 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054049.D

Acq: 2 Mar 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

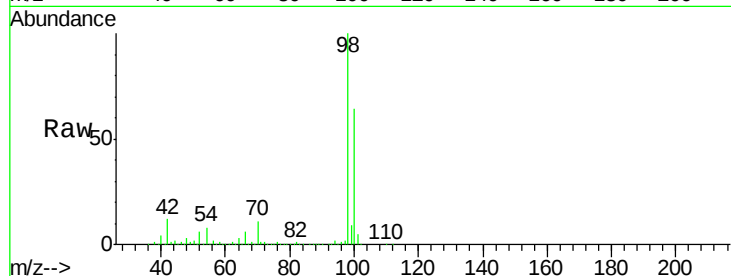
Z-3-13-B

Tot Ion: 98 Resp: 1435997

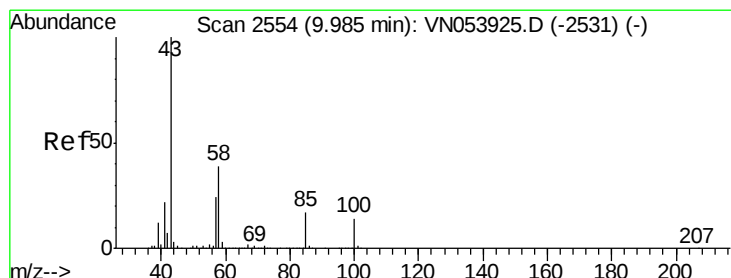
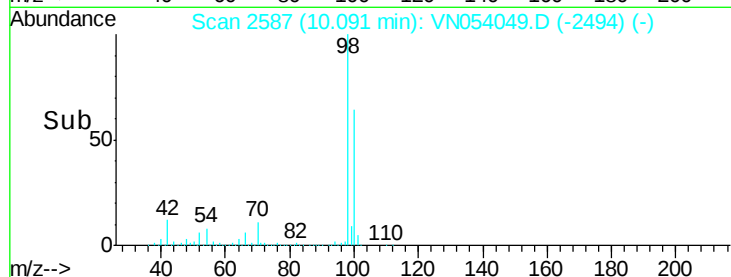
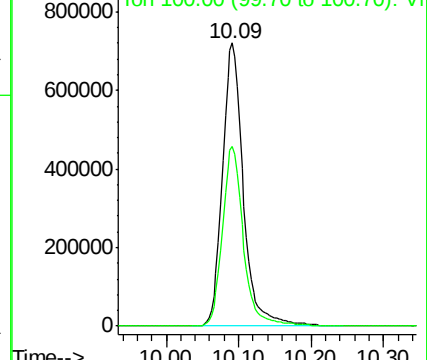
Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



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



#51

4-Methyl-2-Pentanone

Concen: 1.691 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN054049.D

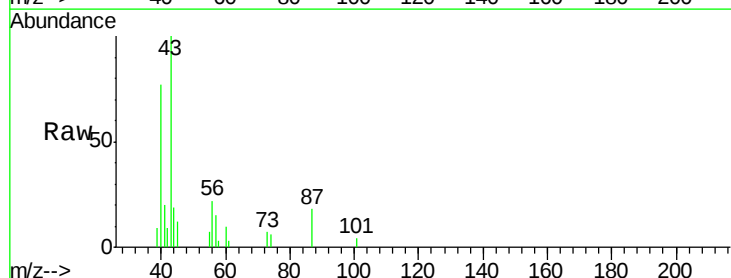
Acq: 2 Mar 2019 00:09

Tgt Ion: 43 Resp: 10932

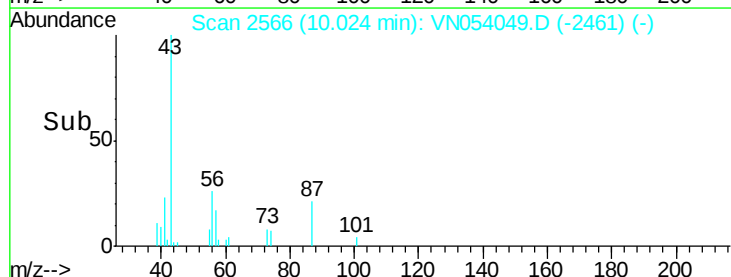
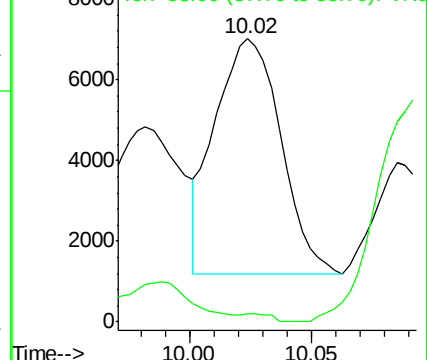
Ion Ratio Lower Upper

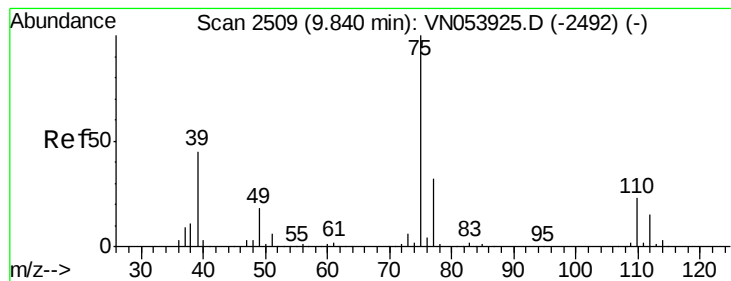
43 100

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: 5.740 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054049.D

Acq: 2 Mar 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

Z-3-13-B

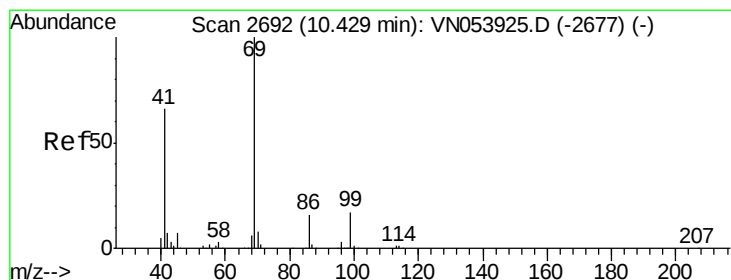
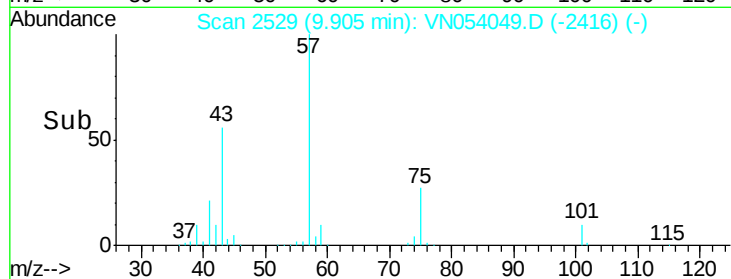
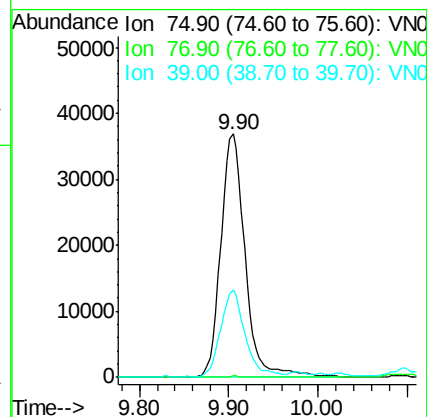
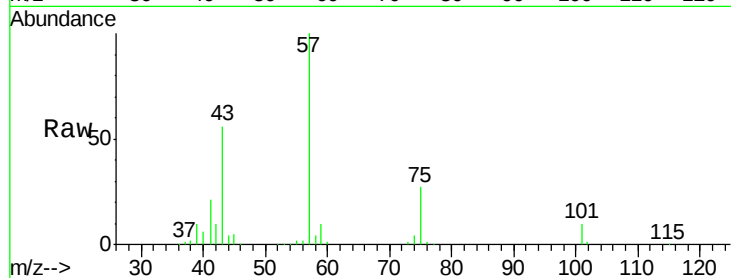
Tot Ion: 75 Resp: 69665

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

39 35.9 31.4 47.0



#56

Ethyl methacrylate

Concen: 2.108 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.11 min

Lab File: VN054049.D

Acq: 2 Mar 2019 00:09

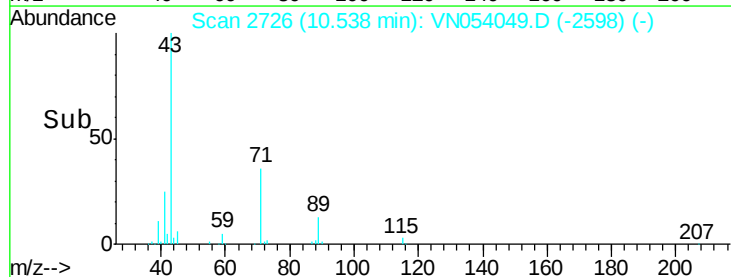
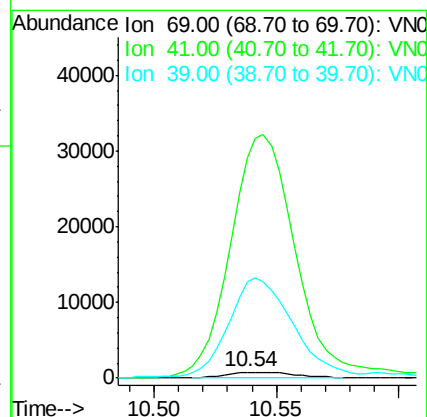
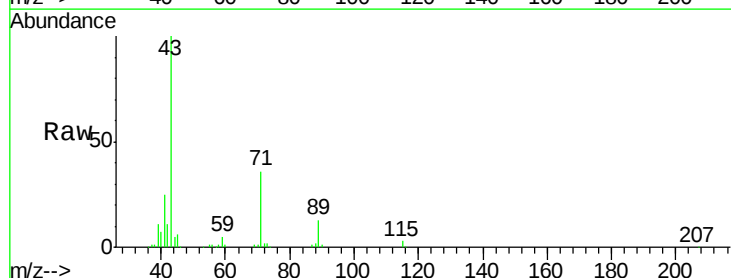
Tgt Ion: 69 Resp: 1474

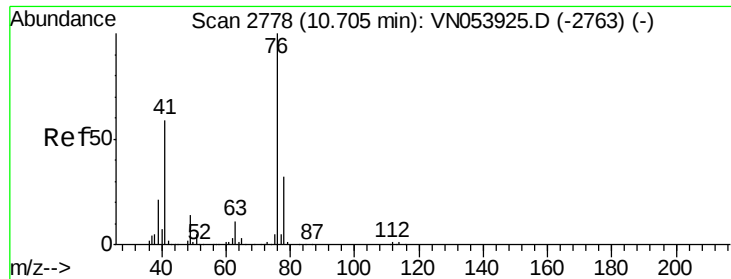
Ion Ratio Lower Upper

69 100

41 4091.4 47.5 71.3#

39 1663.1 23.4 35.0#

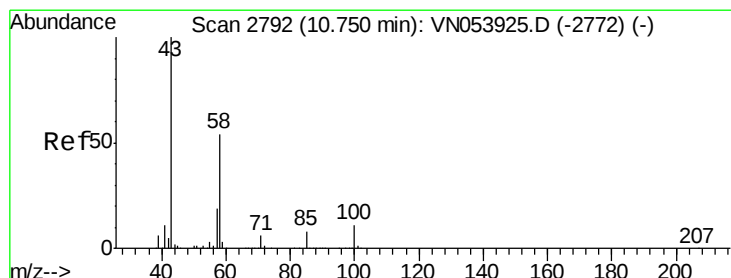
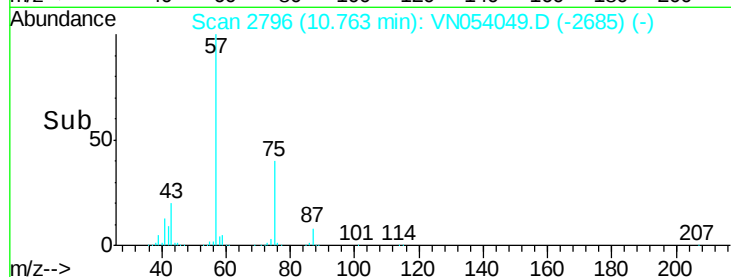
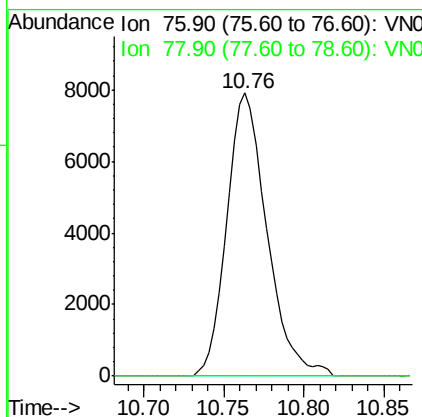
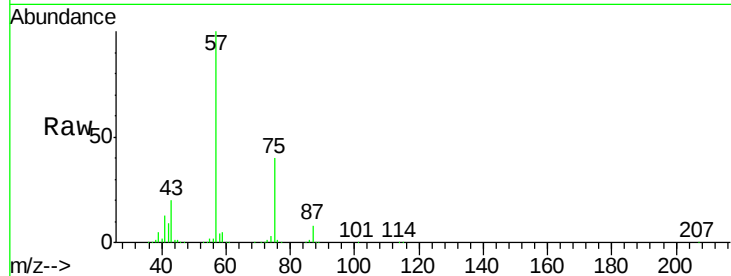




#57
 1,3-Dichloropropane
 Concen: 1.135 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054049.D
 Acq: 2 Mar 2019 00:09

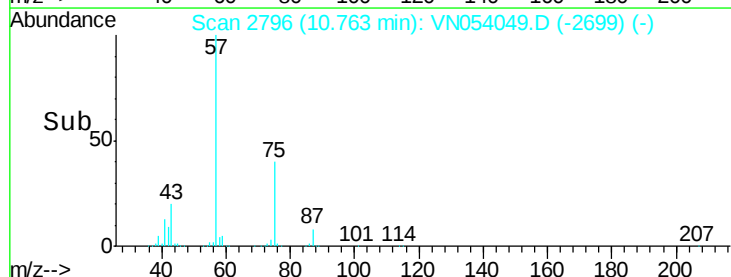
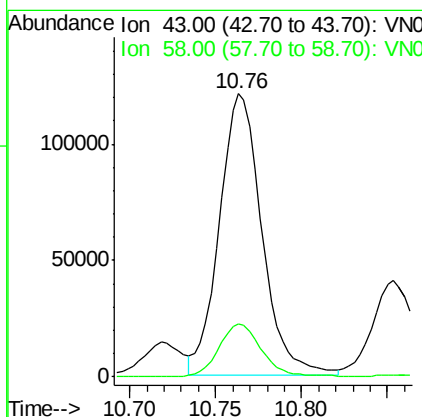
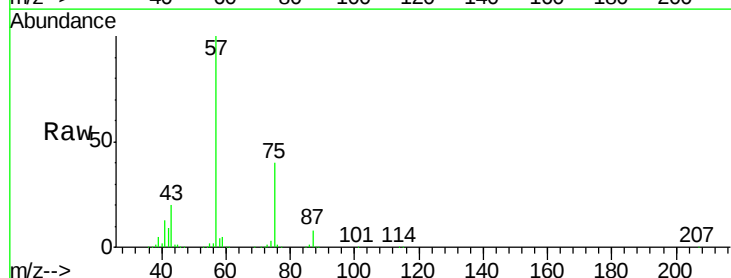
Instrument :
 MSVOA_N
 ClientSampled :
 Z-3-13-B

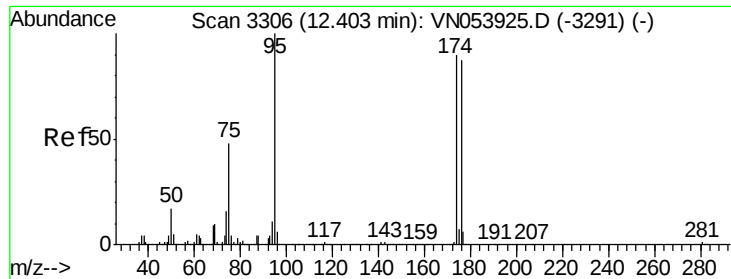
Tot Ion: 76 Resp: 13521
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.2 37.8#



#59
 2-Hexanone
 Concen: 49.807 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN054049.D
 Acq: 2 Mar 2019 00:09

Tgt Ion: 43 Resp: 209384
 Ion Ratio Lower Upper
 43 100
 58 19.1 29.1 87.4#

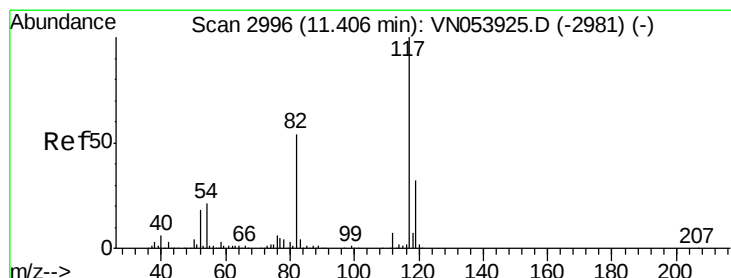
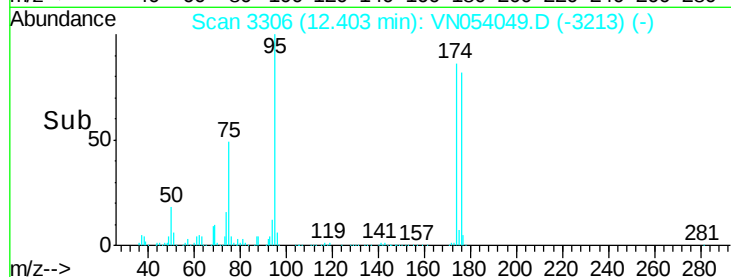
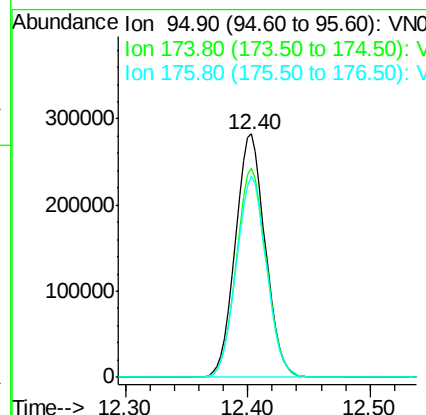
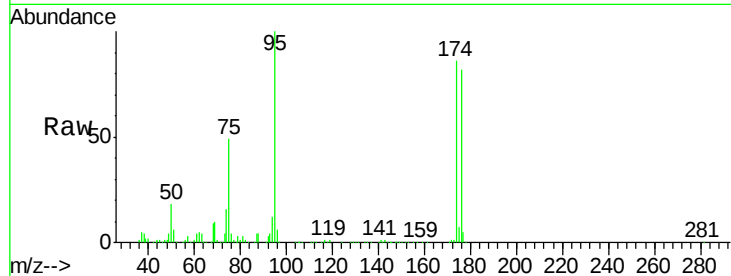




#62
4-Bromofluorobenzene
Concen: 53.515 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054049.D
Acq: 2 Mar 2019 00:09

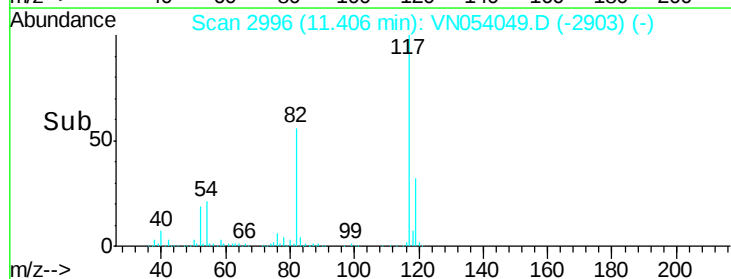
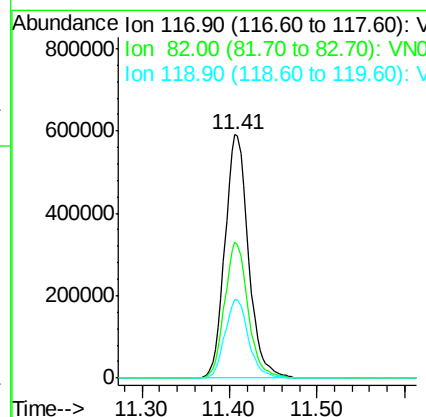
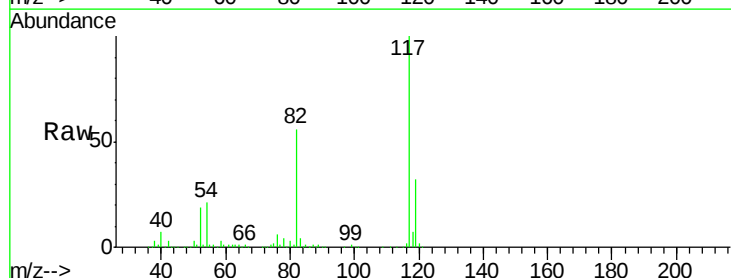
Instrument :
MSVOA_N
ClientSampleId :
Z-3-13-B

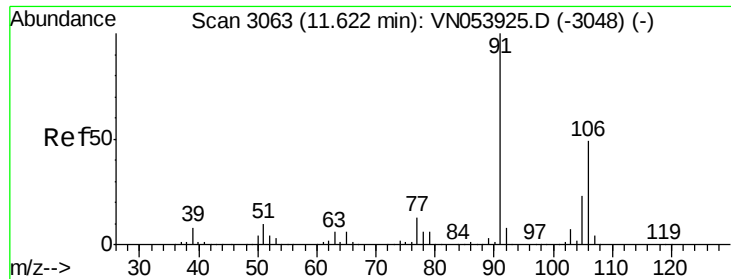
Tot Ion: 95 Resp: 481530
Ion Ratio Lower Upper
95 100
174 86.6 0.0 188.8
176 83.2 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054049.D
Acq: 2 Mar 2019 00:09

Tgt Ion: 117 Resp: 1105450
Ion Ratio Lower Upper
117 100
82 55.6 41.4 62.2
119 32.0 25.3 37.9

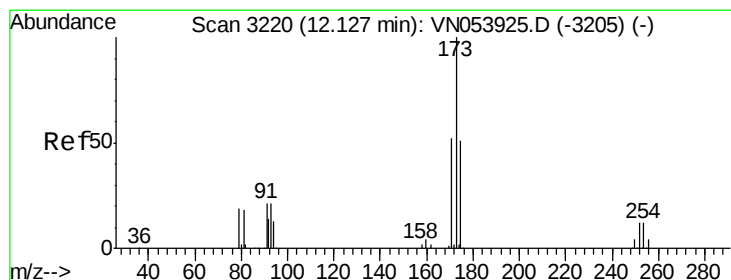
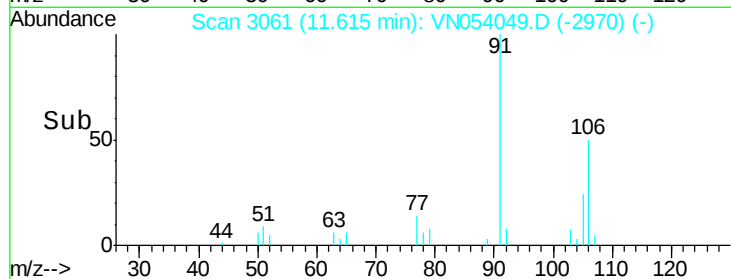
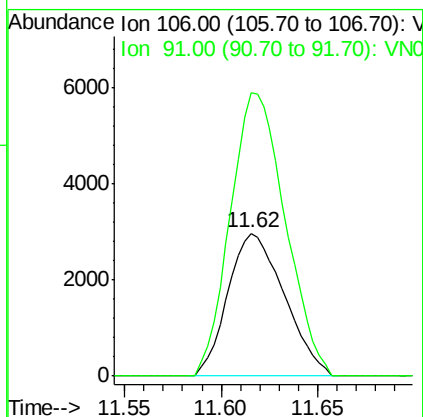
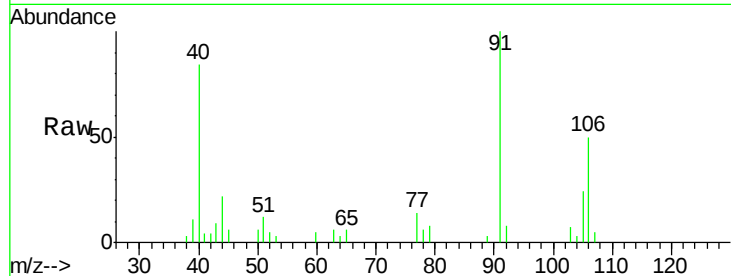




#68
m/p-Xvlenes
Concen: 0.409 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054049.D
Acq: 2 Mar 2019 00:09

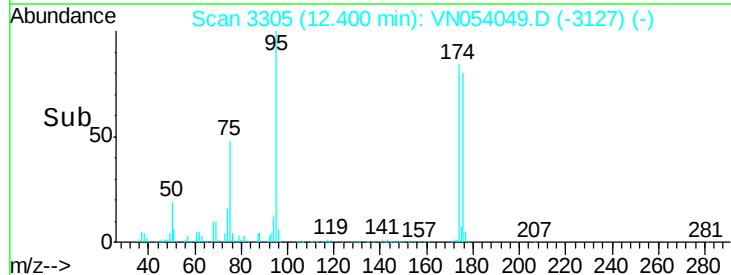
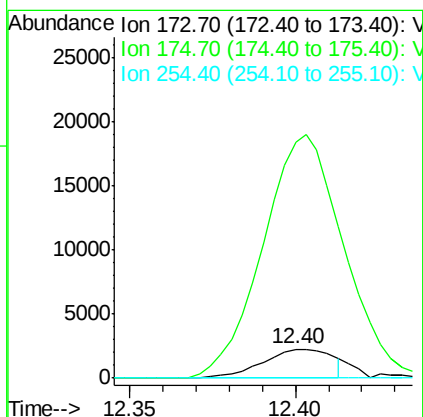
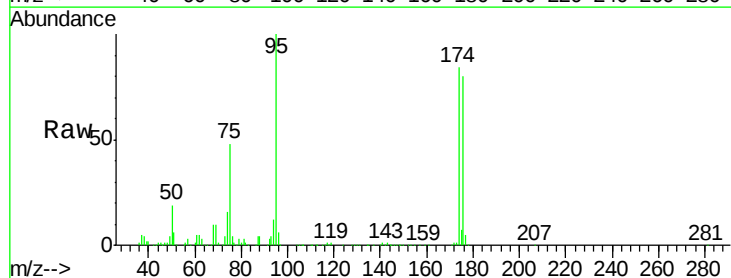
Instrument :
MSVOA_N
ClientSampled :
Z-3-13-B

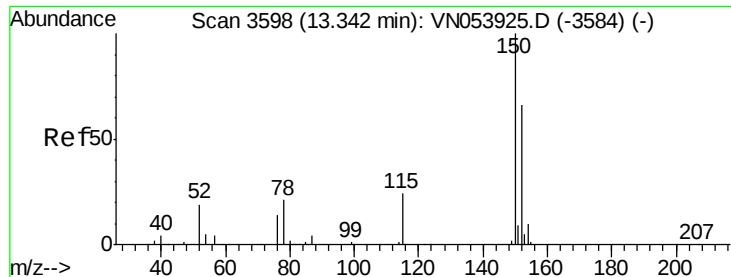
Tot Ion:106 Resp: 6031
Ion Ratio Lower Upper
106 100
91 193.1 158.9 238.3



#71
Bromoform
Concen: 0.564 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054049.D
Acq: 2 Mar 2019 00:09

Tgt Ion:173 Resp: 3297
Ion Ratio Lower Upper
173 100
175 829.8 24.3 72.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054049.D

Acq: 2 Mar 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

Z-3-13-B

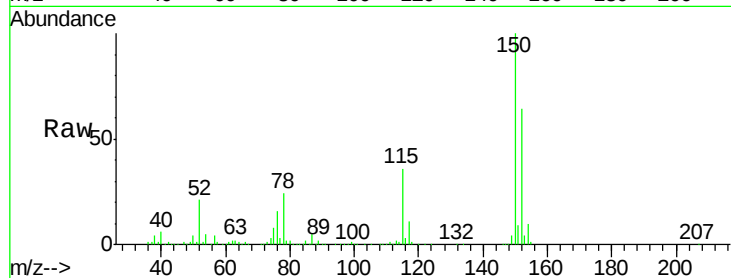
Tot Ion:152 Resp: 413637

Ion Ratio Lower Upper

152 100

115 56.9 27.2 81.6

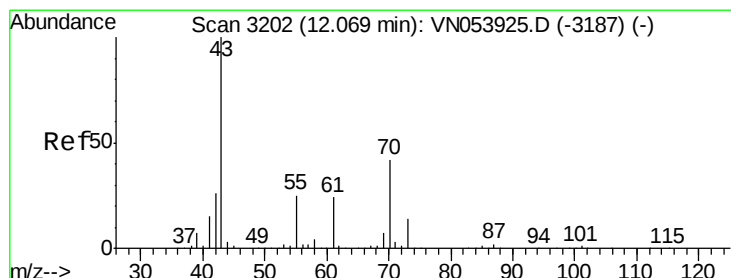
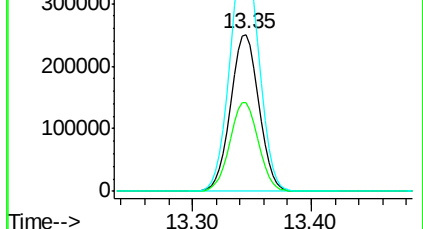
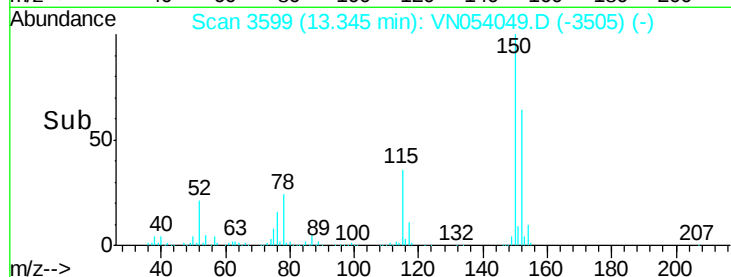
150 156.2 0.0 348.2



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-ethyl acetate

Concen: 2.478 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054049.D

Acq: 2 Mar 2019 00:09

Tgt Ion: 43 Resp: 20910

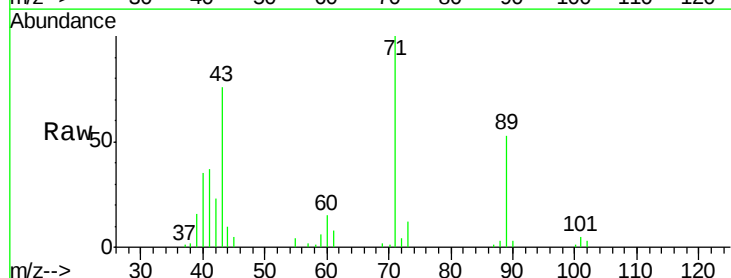
Ion Ratio Lower Upper

43 100

70 1.4 37.4 56.2#

55 4.5 21.4 32.0#

61 9.9 20.9 31.3#

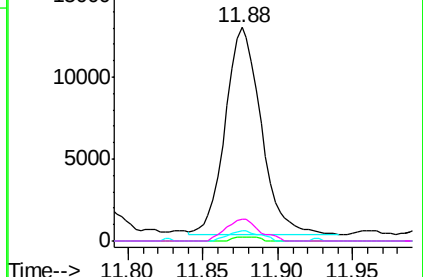
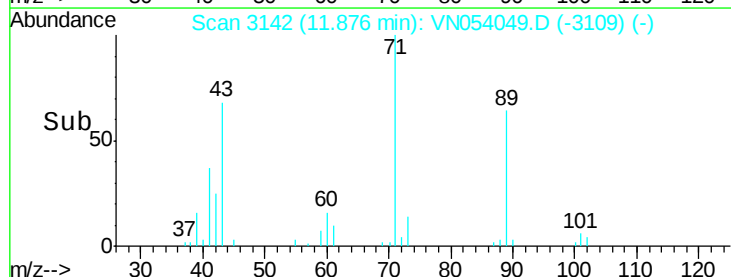


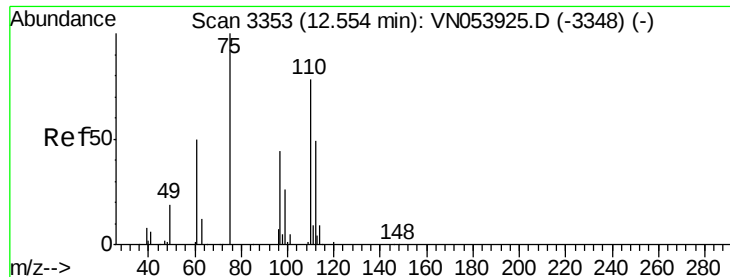
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 35.368 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054049.D

Acq: 2 Mar 2019 00:09

Instrument :

MSVOA_N

ClientSampled :

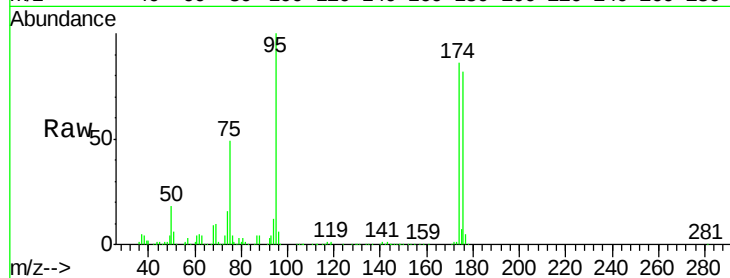
Z-3-13-B

Tot Ion: 75 Resp: 234681

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

12.40

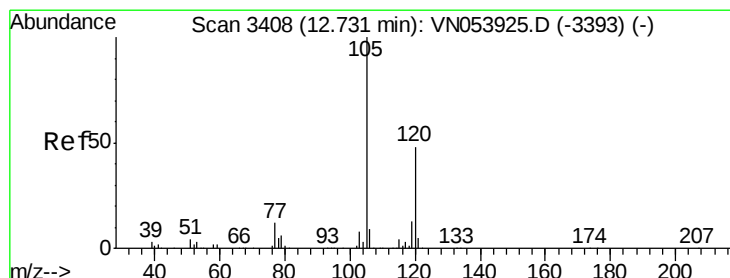
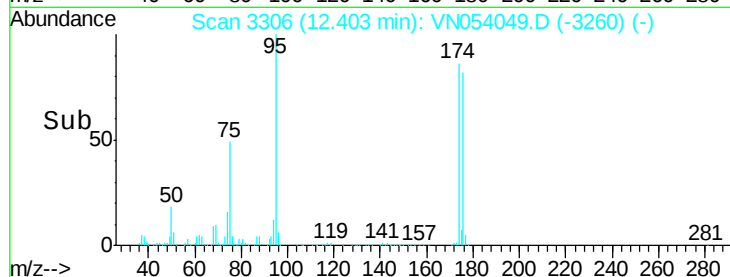
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.481 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054049.D

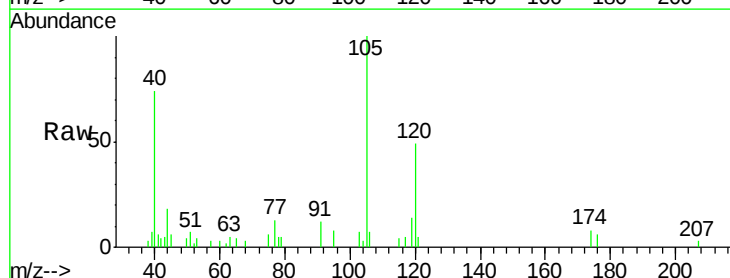
Acq: 2 Mar 2019 00:09

Tgt Ion: 105 Resp: 12684

Ion Ratio Lower Upper

105 100

120 47.3 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

8000

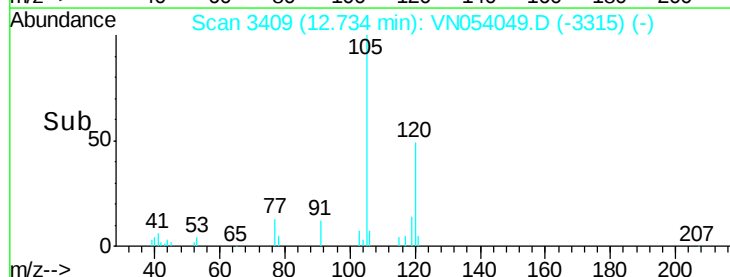
6000

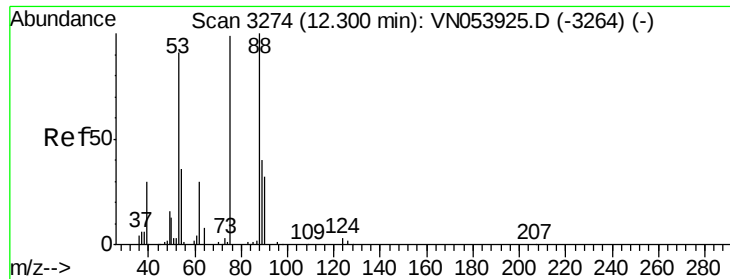
4000

2000

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 111.784 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054049.D

Acq: 2 Mar 2019 00:09

Instrument :

MSVOA_N

ClientSampled :

Z-3-13-B

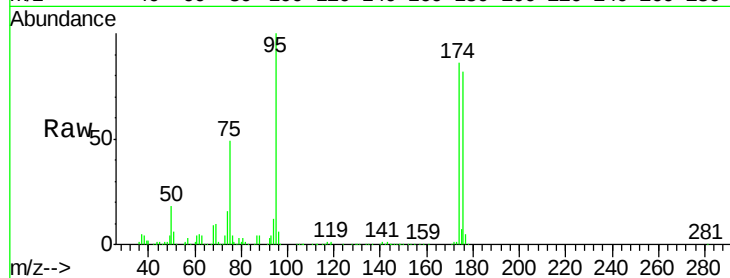
Tot Ion: 75 Resp: 234681

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

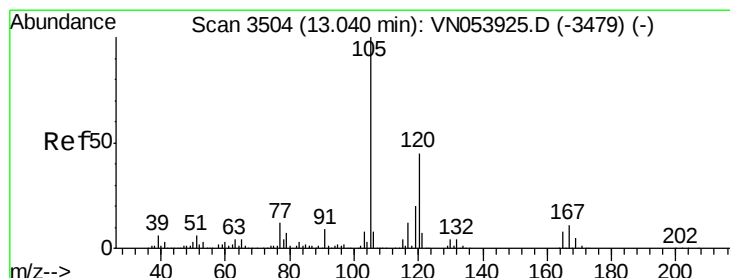
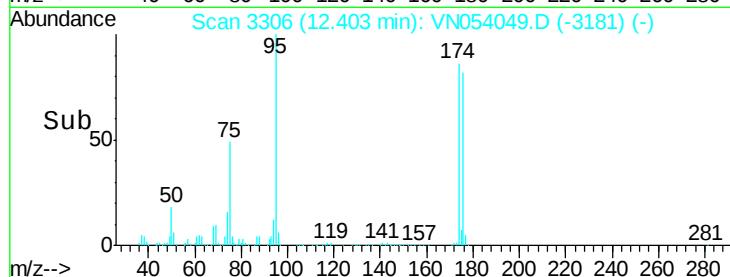
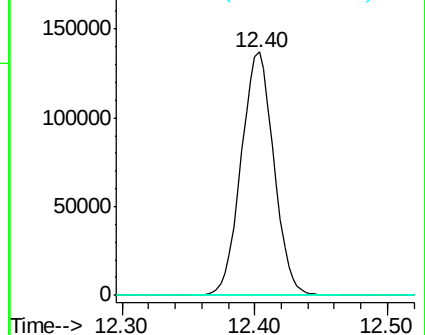
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN054049.D (-3306) (-)

Ion 53.00 (52.70 to 53.70): VN054049.D (-3306) (-)

Ion 88.90 (88.60 to 89.60): VN054049.D (-3306) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.036 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054049.D

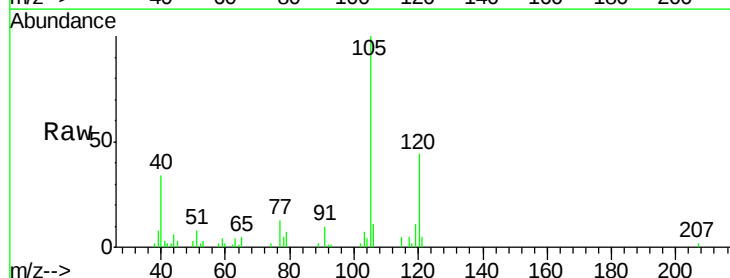
Acq: 2 Mar 2019 00:09

Tgt Ion: 105 Resp: 27276

Ion Ratio Lower Upper

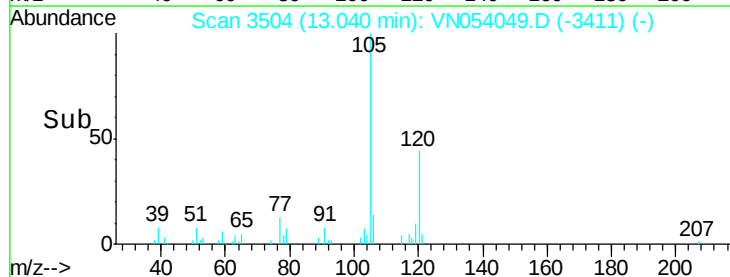
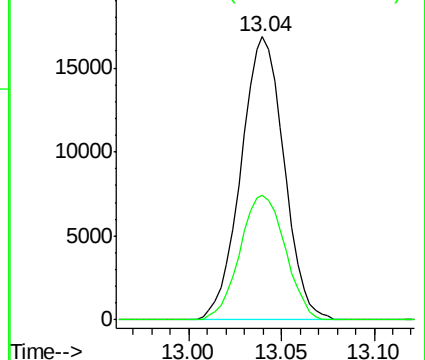
105 100

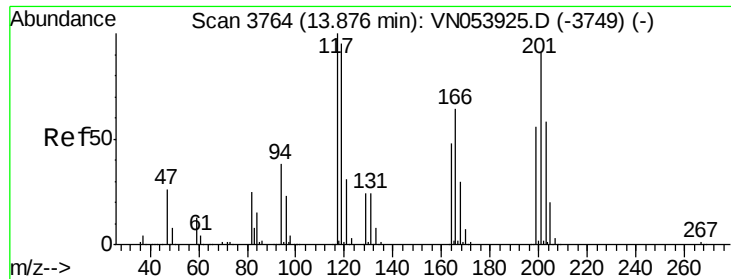
120 46.4 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): VN054049.D (-3504) (-)

Ion 120.00 (119.70 to 120.70): VN054049.D (-3504) (-)





#90

Hexachloroethane

Concen: 0.206 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054049.D

Acq: 2 Mar 2019 00:09

Instrument :

MSVOA_N

ClientSampled :

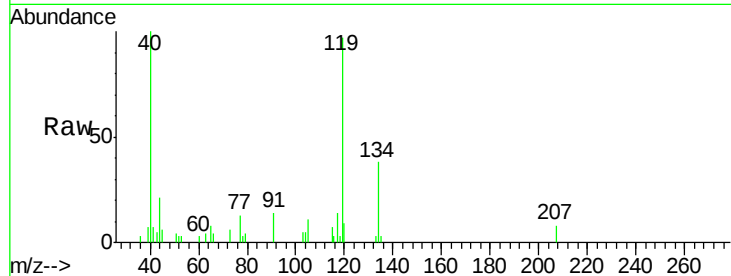
Z-3-13-B

Tot Ion:117 Resp: 1077

Ion Ratio Lower Upper

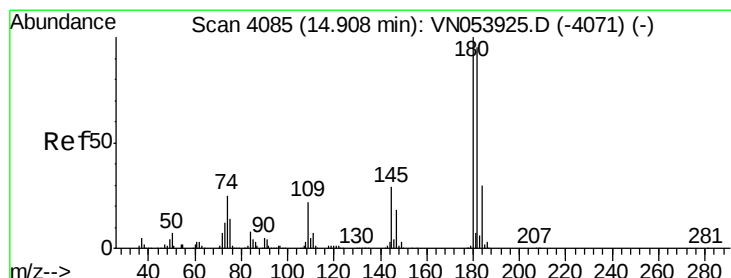
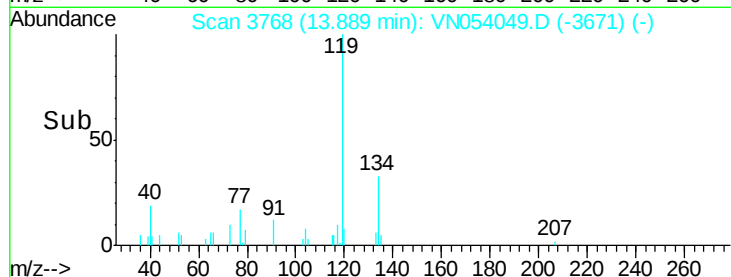
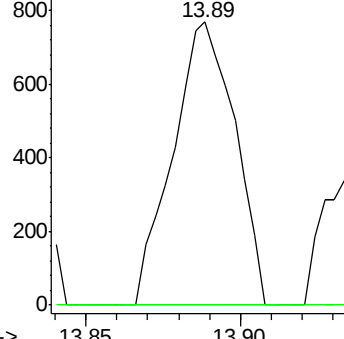
117 100

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: 2.300 ug/l

RT: 14.90 min Scan# 4083

Delta R.T. -0.01 min

Lab File: VN054049.D

Acq: 2 Mar 2019 00:09

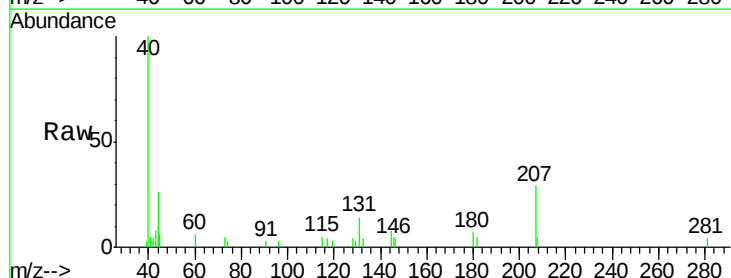
Tgt Ion:180 Resp: 613

Ion Ratio Lower Upper

180 100

182 32.1 48.6 145.9#

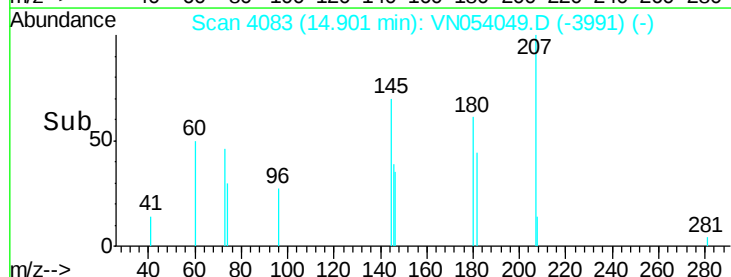
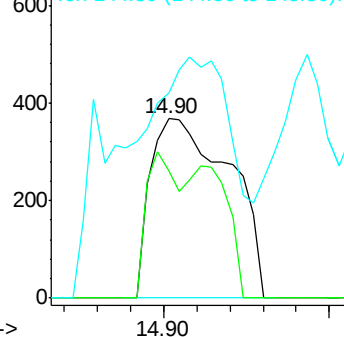
145 79.0 13.8 41.3#

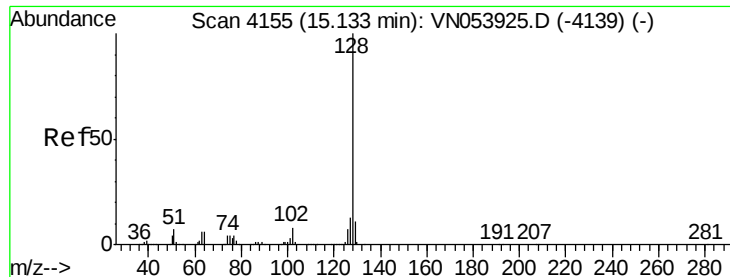


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 8.855 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054049.D

Acq: 2 Mar 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

Z-3-13-B

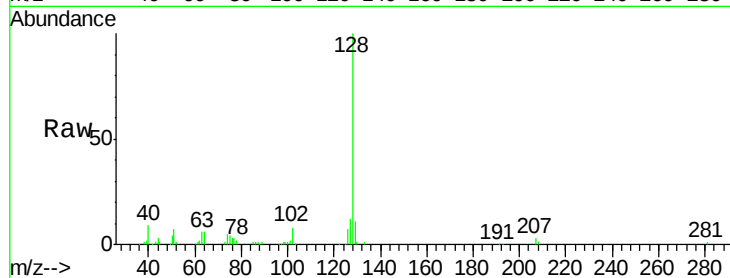
Tot Ion:128 Resp: 98768

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

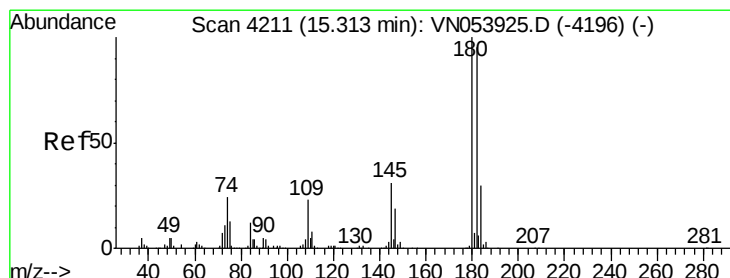
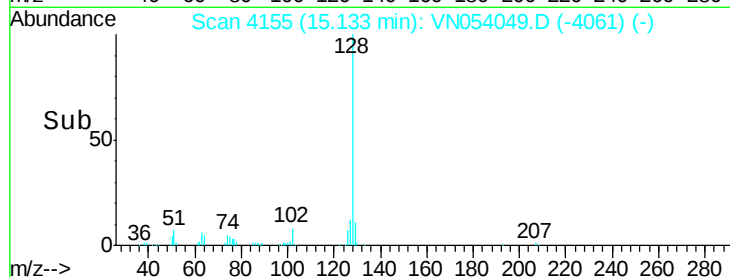
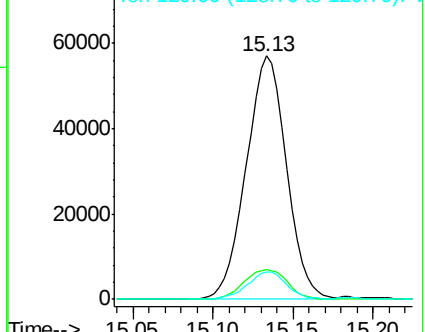
129 11.1 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 1.573 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054049.D

Acq: 2 Mar 2019 00:09

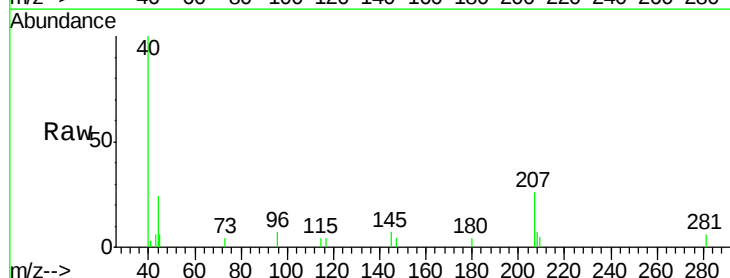
Tgt Ion:180 Resp: 115

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.8#

145 680.0 14.4 43.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

