

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN054009.D
 Acq On : 28 Feb 2019 17:27
 Operator : JC/SP
 Sample : K1651-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

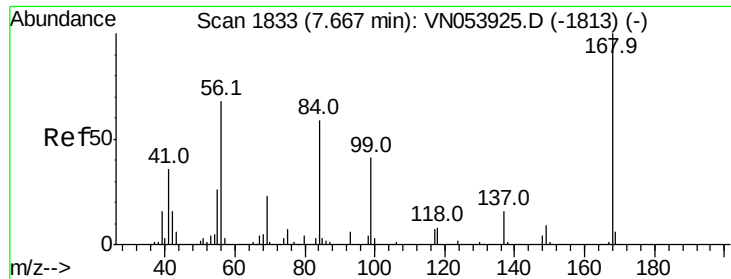
Quant Time: Mar 01 03:57:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	582312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1083424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1081850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	430219	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	385878	56.53	ug/l	0.00
Spiked Amount			Recovery	=	113.06%	
35) Dibromofluoromethane	7.59	113	346058	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	
50) Toluene-d8	10.09	98	1389929	53.29	ug/l	0.00
Spiked Amount			Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.40	95	485397	55.86	ug/l	0.00
Spiked Amount			Recovery	=	111.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	109	0.252	ug/l #	73
13) Acrolein	3.61	56	124	0.277	ug/l #	82
14) Allyl chloride	4.55	41	23709	2.352	ug/l #	27
16) Acetone	3.82	43	16659	Below Cal		93
18) Methyl Acetate	4.33	43	4850	1.016	ug/l #	69
20) Methylene Chloride	4.55	84	583627	86.388	ug/l	91
25) 2-Butanone	6.84	43	3016	1.125	ug/l #	88
29) Tetrahydrofuran	7.22	42	2130	1.193	ug/l #	50
31) Cyclohexane	7.67	56	10306	0.539	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	39693	3.940	ug/l #	45
38) Carbon Tetrachloride	7.66	117	50573	4.826	ug/l #	17
43) Isopropyl Acetate	8.18	43	43664	3.595	ug/l #	82
48) Methyl methacrylate	9.18	41	12665	2.267	ug/l #	22
51) 4-Methyl-2-Pentanone	10.03	43	11626	1.863	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	79691	6.800	ug/l #	68
56) Ethyl methacrylate	10.54	69	1636	2.131	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	13524	1.176	ug/l #	43
59) 2-Hexanone	10.76	43	215479	53.078	ug/l #	48
68) m/p-Xylenes	11.62	106	5457	0.378	ug/l	92
71) Bromoform	12.40	173	3948	0.690	ug/l #	1
74) N-amyl acetate	11.88	43	22364	2.548	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	236359	34.248	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9709	0.354	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	236359	108.244	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	19567	0.715	ug/l	100
93) 1,2,4-Trichlorobenzene	14.91	180	110	2.236	ug/l #	1
95) Naphthalene	15.13	128	104547	8.955	ug/l	99

(#) = 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: VN054009.D

Acq: 28 Feb 2019 17:27

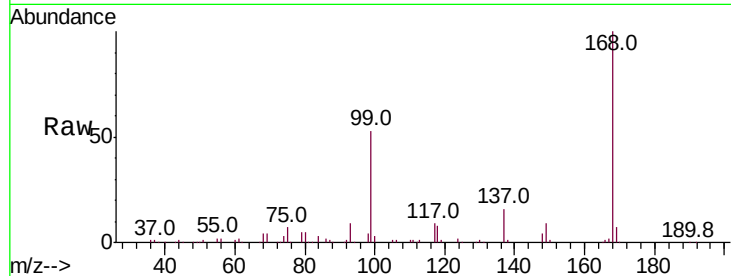
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 582312

Ion Ratio Lower Upper

168 100

99 52.6 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN054009.D

Ion 98.90 (98.60 to 99.60): VN054009.D

7.67

250000

200000

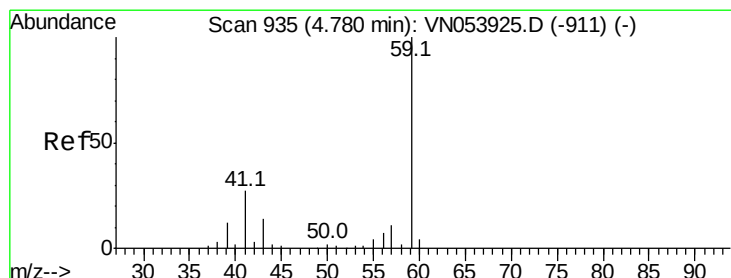
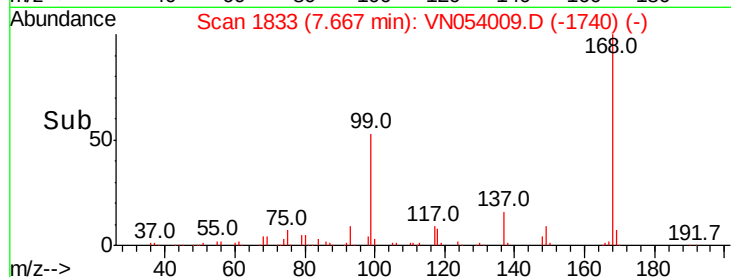
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.252 ug/l

RT: 4.78 min Scan# 936

Delta R.T. 0.00 min

Lab File: VN054009.D

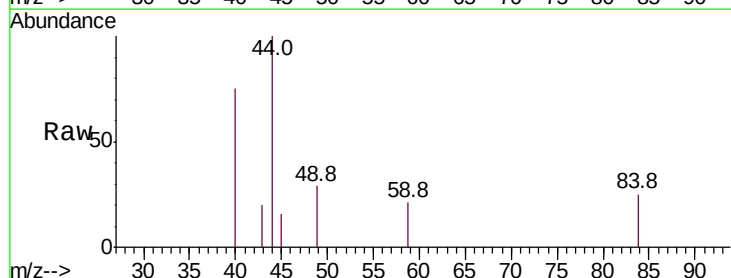
Acq: 28 Feb 2019 17:27

Tgt Ion: 59 Resp: 109

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN054009.D

Ion 57.00 (56.70 to 57.70): VN054009.D

4.78

250

200

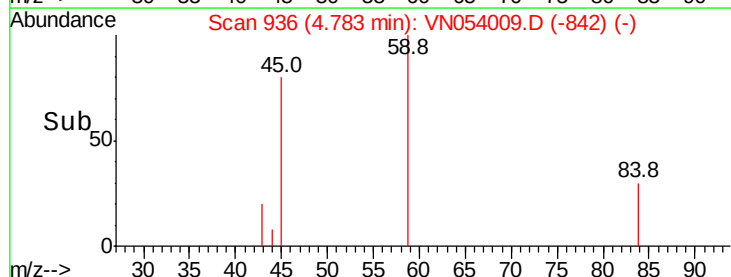
150

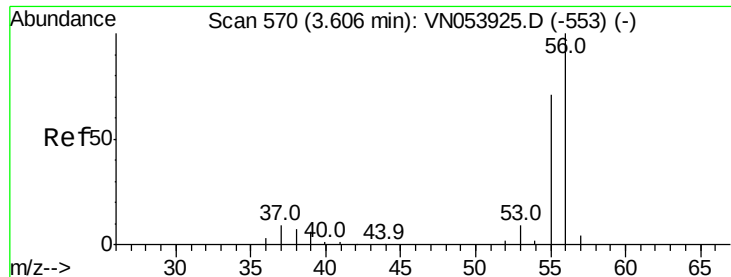
100

50

0

Time-->





#13

Acrolein

Concen: 0.277 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

Instrument :

MSVOA_N

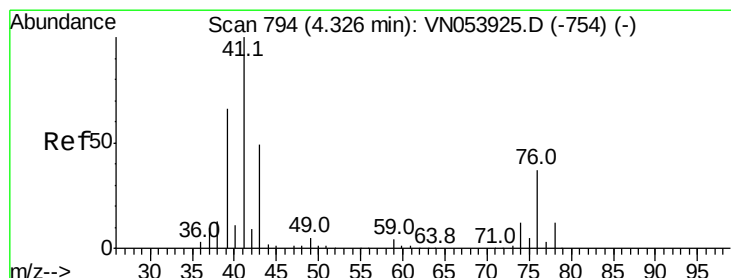
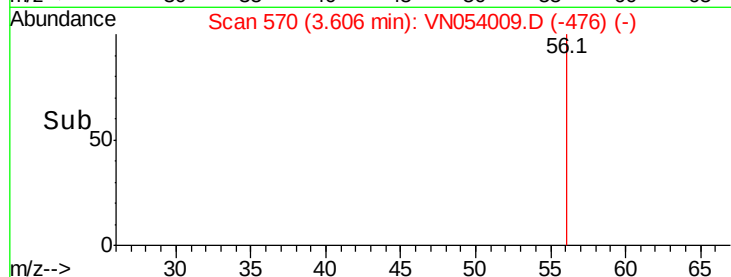
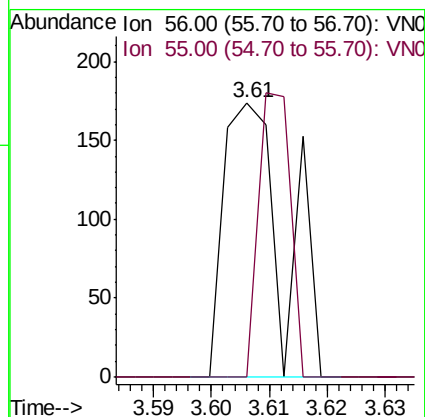
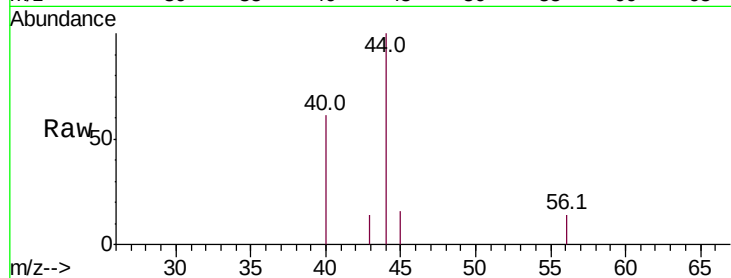
ClientSampleId :

Tot Ion: 56 Resp: 124

Ion Ratio Lower Upper

56 100

55 55.6 56.3 84.5#



#14

Allyl chloride

Concen: 2.352 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

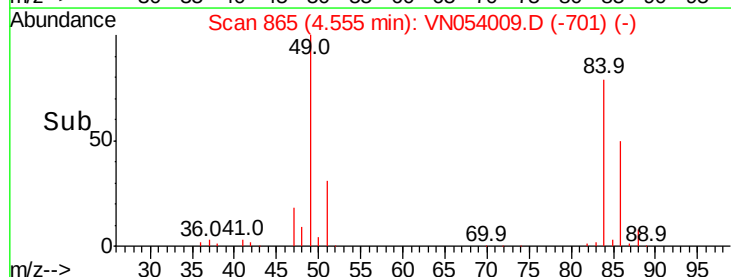
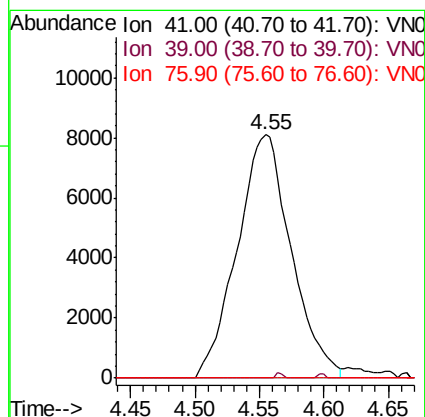
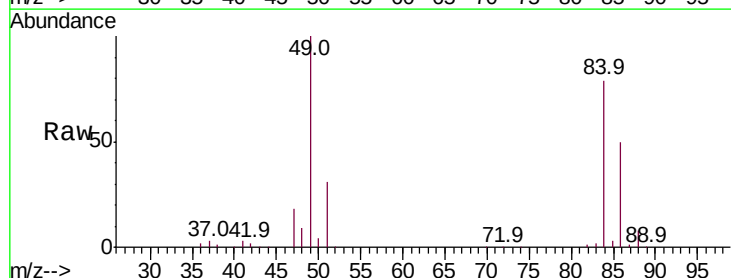
Tgt Ion: 41 Resp: 23709

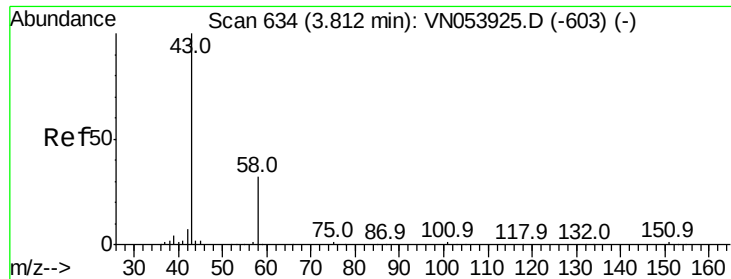
Ion Ratio Lower Upper

41 100

39 0.3 48.8 73.2#

76 0.0 30.9 46.3#

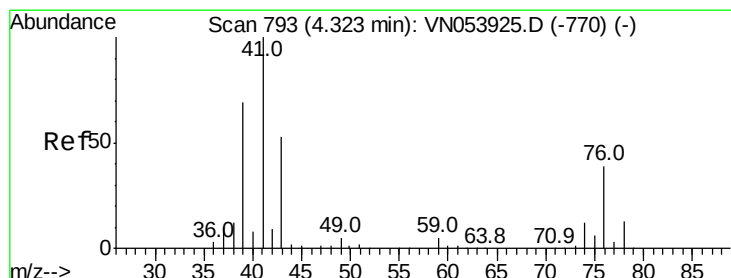
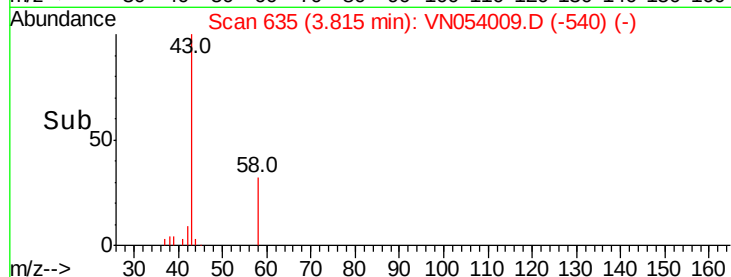
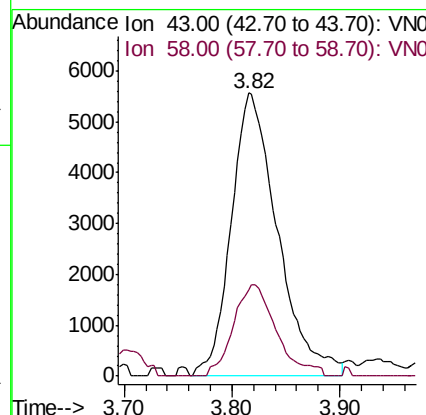
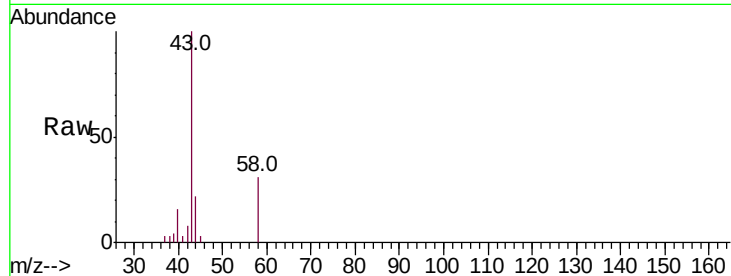




#16
Acetone
Concen: Below Cal
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN054009.D
Acq: 28 Feb 2019 17:27

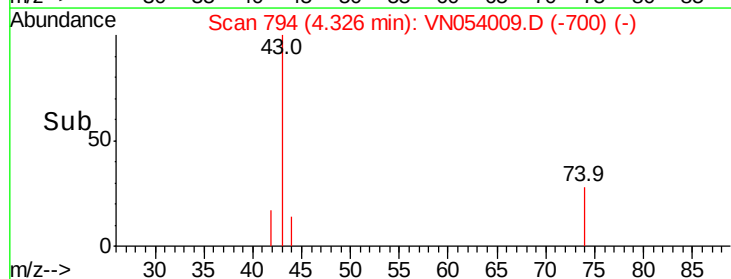
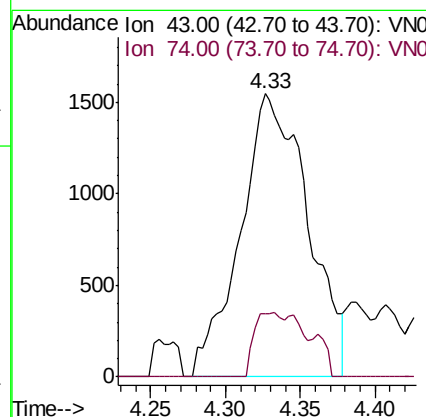
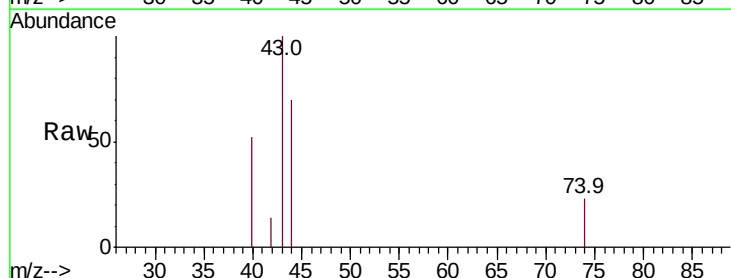
Instrument :
MSVOA_N
ClientSampleId :

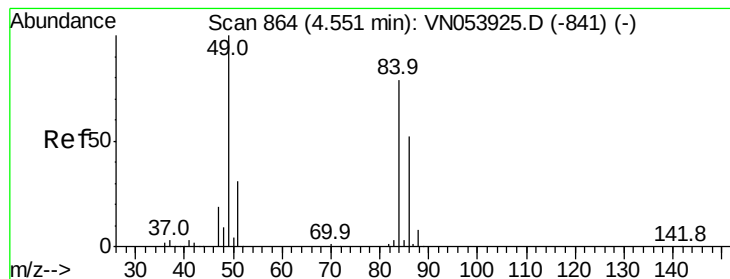
Tot Ion: 43 Resp: 16659
Ion Ratio Lower Upper
43 100
58 30.6 27.6 41.4



#18
Methyl Acetate
Concen: 1.016 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN054009.D
Acq: 28 Feb 2019 17:27

Tgt Ion: 43 Resp: 4850
Ion Ratio Lower Upper
43 100
74 9.8 20.5 30.7#





#20

Methylene Chloride

Concen: 86.388 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 583627

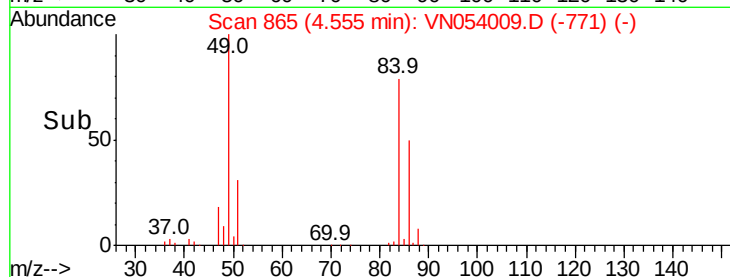
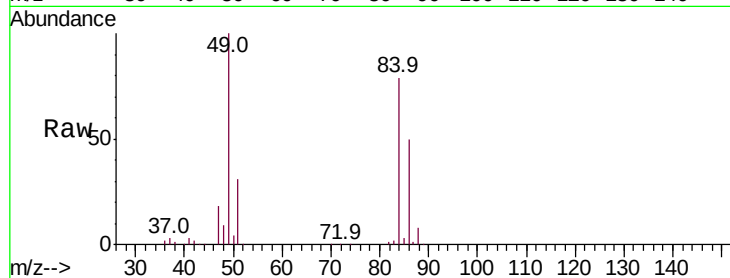
Ion Ratio Lower Upper

84 100

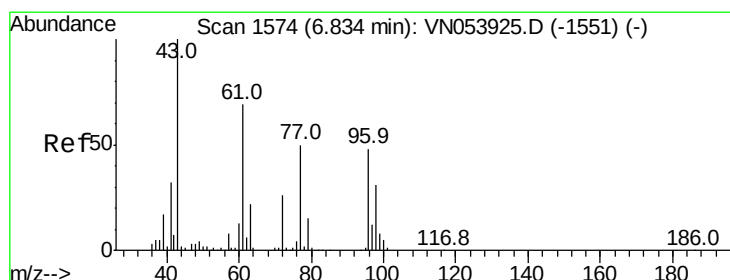
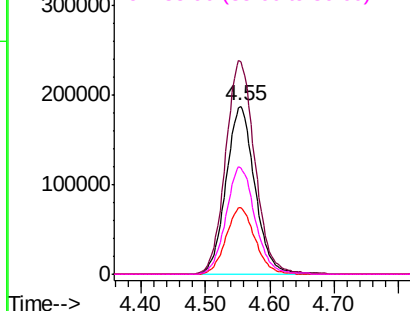
49 126.6 89.7 134.5

51 39.5 27.8 41.8

86 63.5 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 1.125 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN054009.D

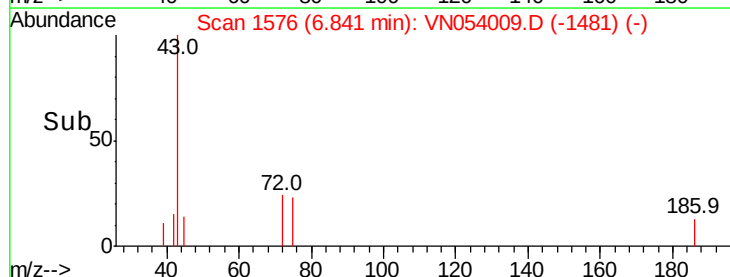
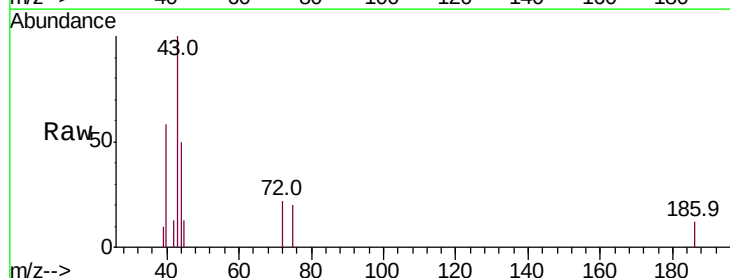
Acq: 28 Feb 2019 17:27

Tgt Ion: 43 Resp: 3016

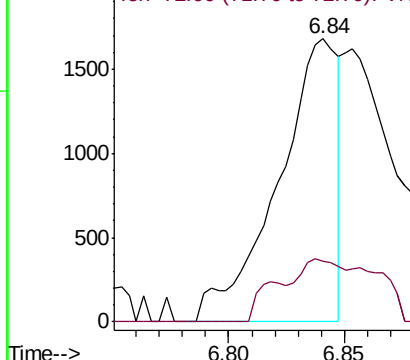
Ion Ratio Lower Upper

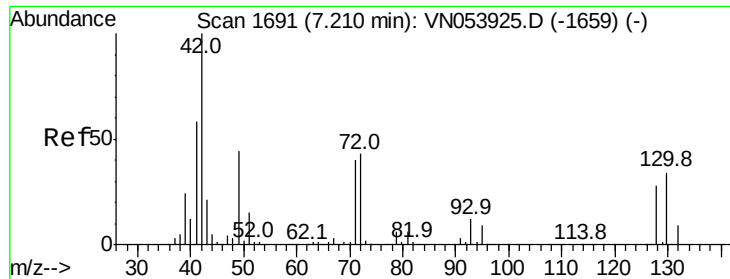
43 100

72 21.6 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

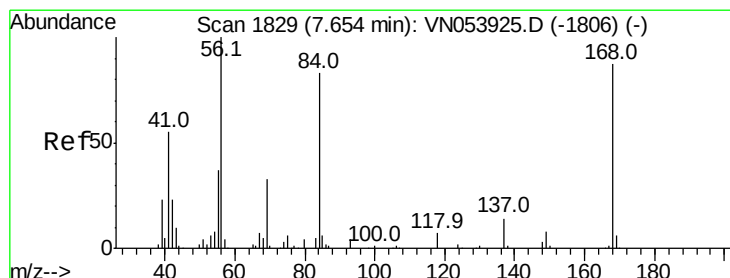
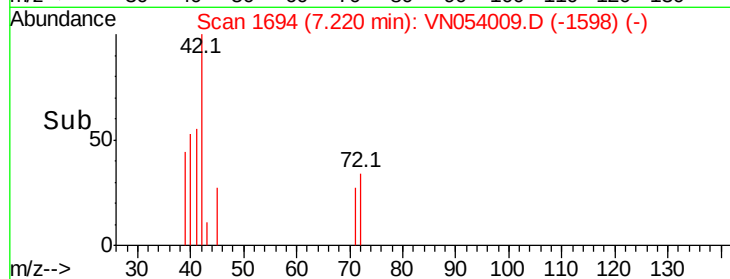
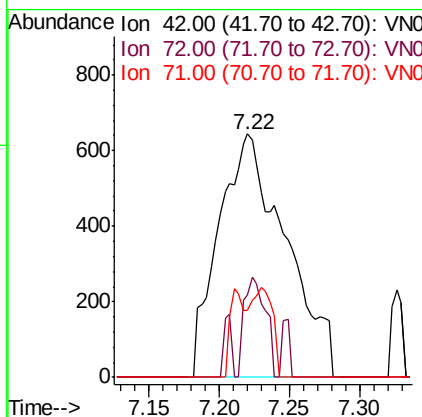
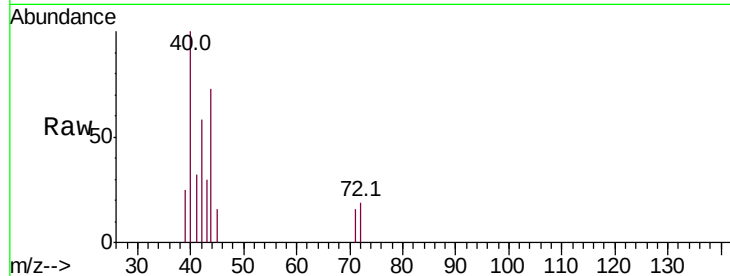




#29
Tetrahydrofuran
Concen: 1.193 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN054009.D
Acq: 28 Feb 2019 17:27

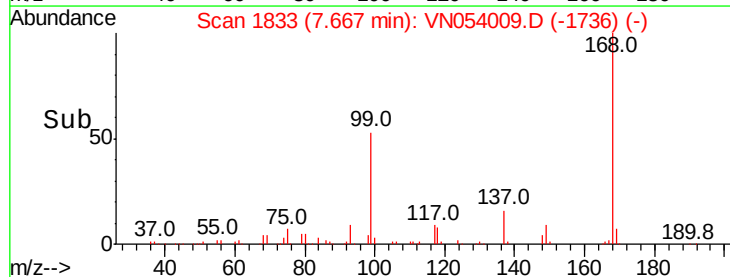
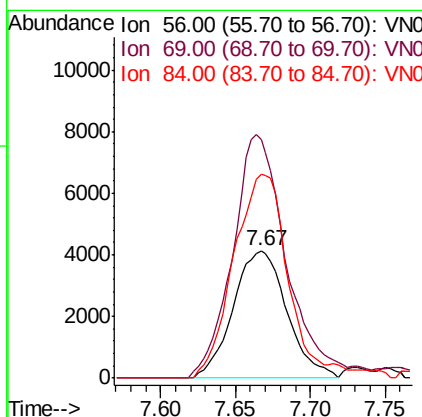
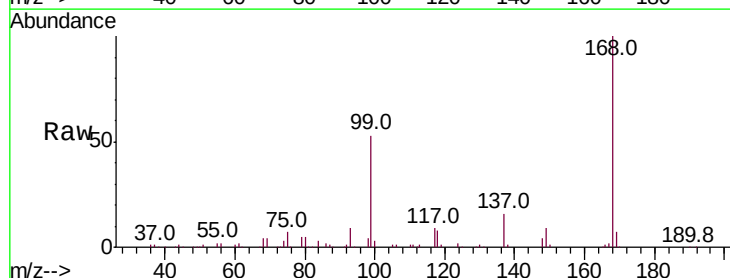
Instrument :
MSVOA_N
ClientSampleId :

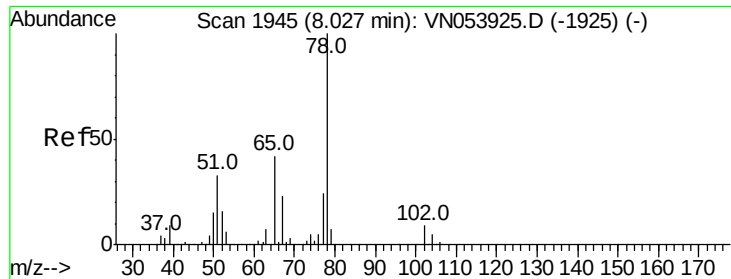
Tot Ion: 42 Resp: 2130
Ion Ratio Lower Upper
42 100
72 13.3 36.9 55.3#
71 11.3 34.6 52.0#



#31
Cyclohexane
Concen: 0.539 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN054009.D
Acq: 28 Feb 2019 17:27

Tgt Ion: 56 Resp: 10306
Ion Ratio Lower Upper
56 100
69 187.5 26.0 39.0#
84 160.2 69.1 103.7#

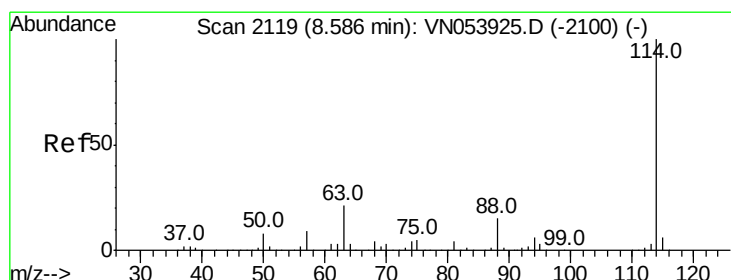
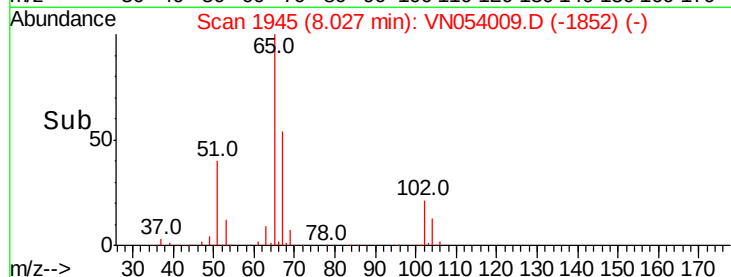
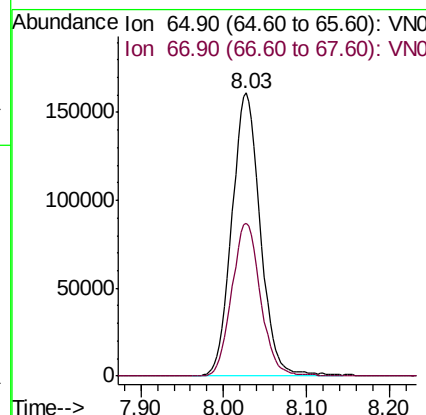
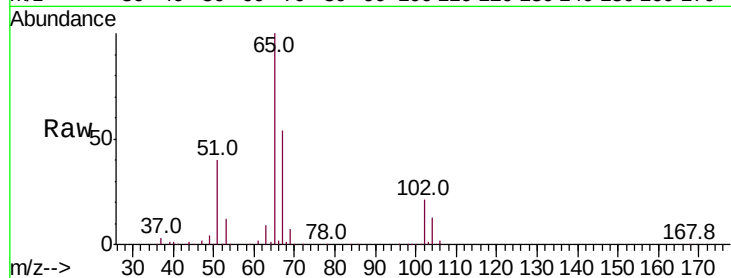




#33
 1,2-Dichloroethane-d4
 Concen: 56.531 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054009.D
 Acq: 28 Feb 2019 17:27

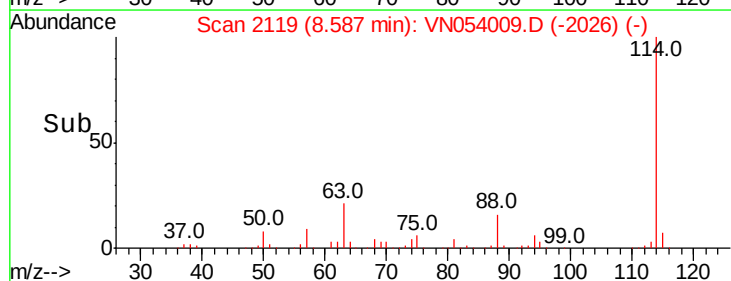
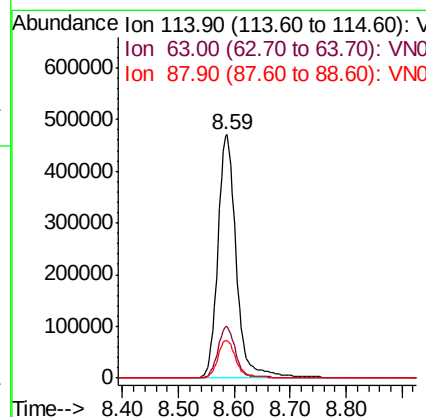
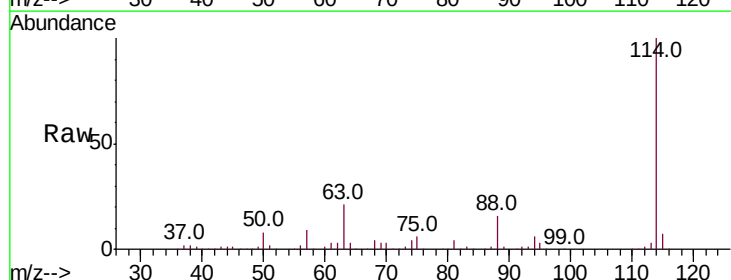
Instrument :
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 ClientSampleId :

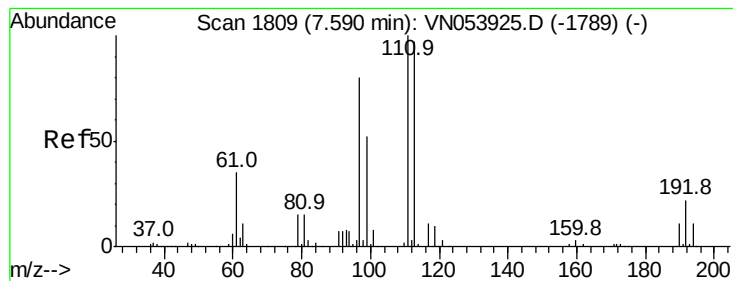
Tot Ion: 65 Resp: 385878
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054009.D
 Acq: 28 Feb 2019 17:27

Tgt Ion: 114 Resp: 1083424
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 37.4
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.394 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :

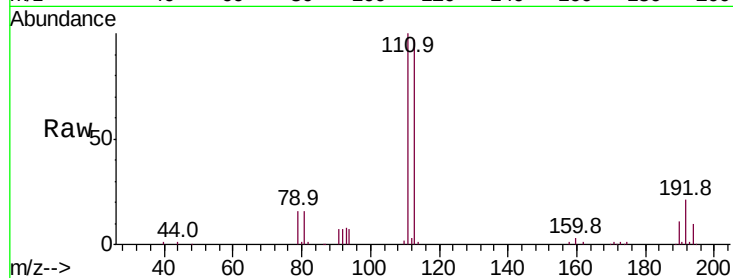
Tot Ion:113 Resp: 346058

Ion Ratio Lower Upper

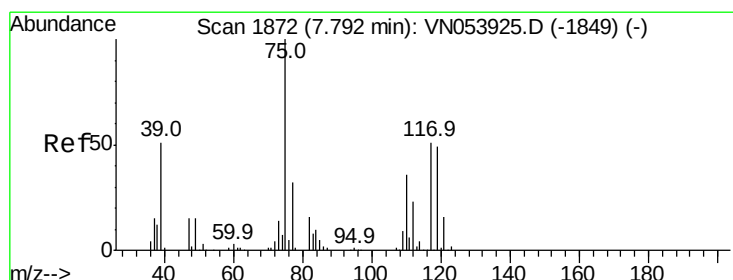
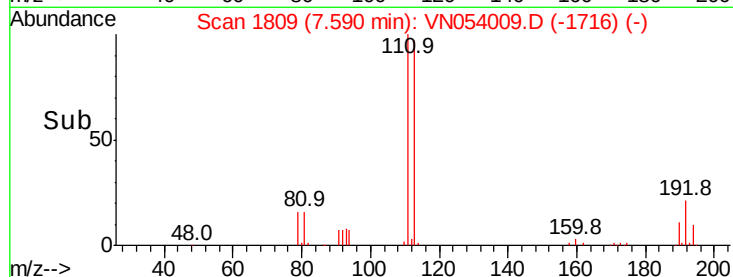
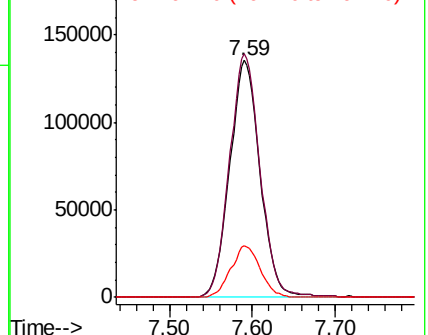
113 100

111 103.2 81.1 121.7

192 21.2 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: 3.940 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

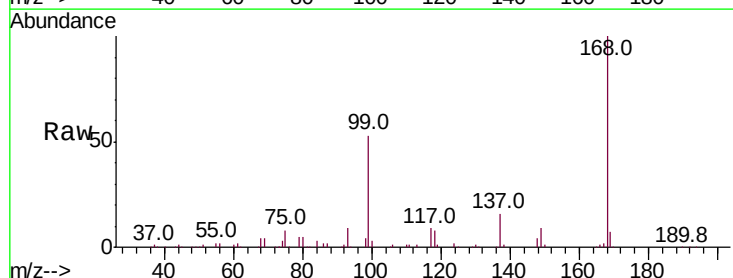
Tgt Ion: 75 Resp: 39693

Ion Ratio Lower Upper

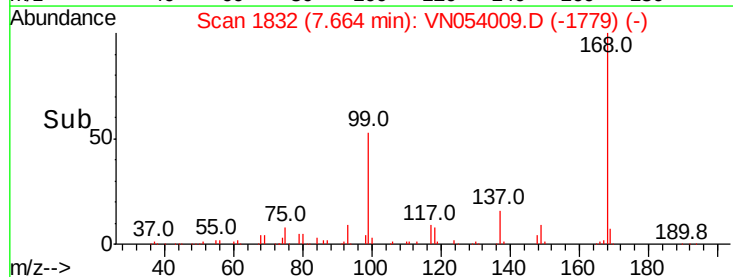
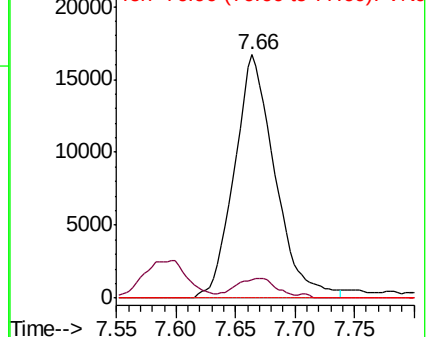
75 100

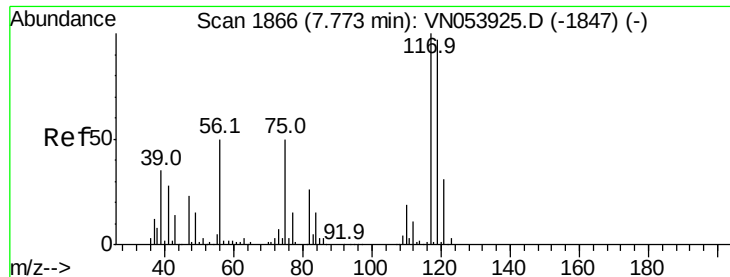
110 6.0 19.0 57.0#

77 0.0 25.4 38.0#



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





#38

Carbon Tetrachloride

Concen: 4.826 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

Instrument :
MSVOA_N
ClientSampled :

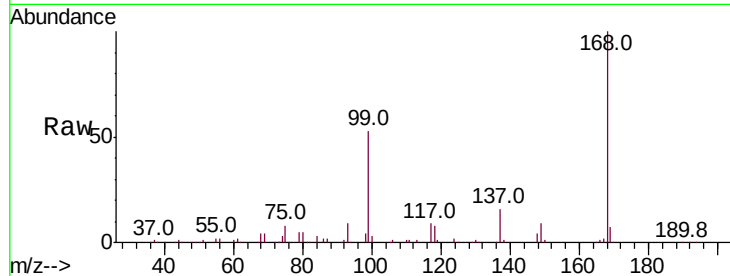
Tot Ion:117 Resp: 50573

Ion Ratio Lower Upper

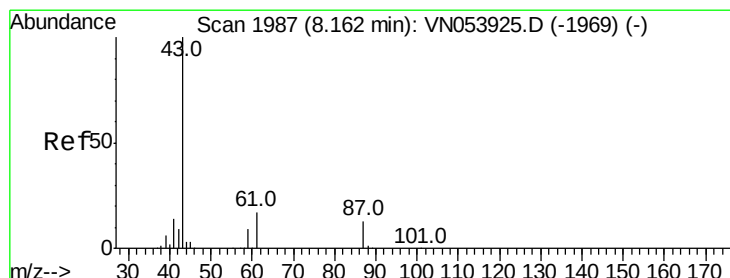
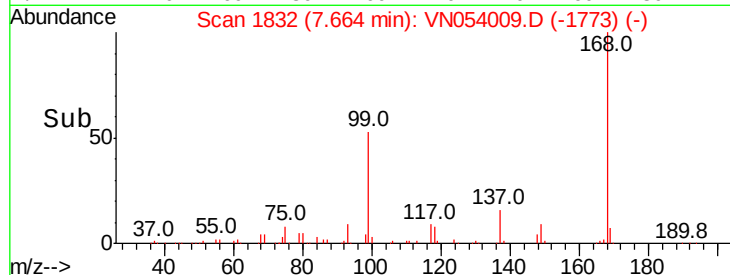
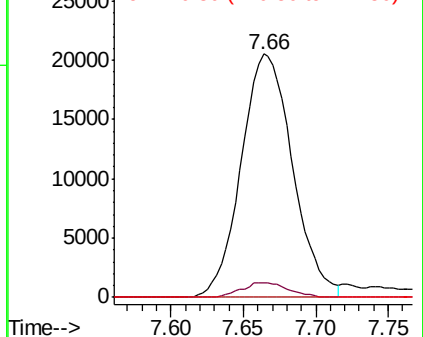
117 100

119 5.9 76.2 114.2#

121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 3.595 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.02 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

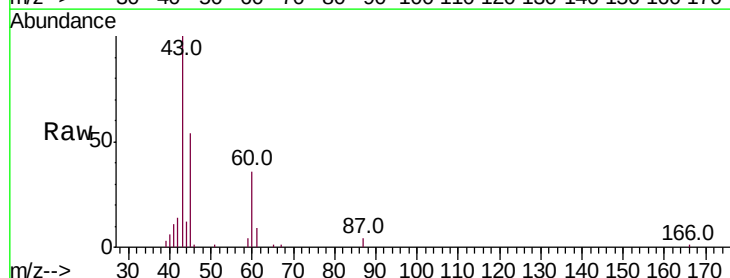
Tgt Ion: 43 Resp: 43664

Ion Ratio Lower Upper

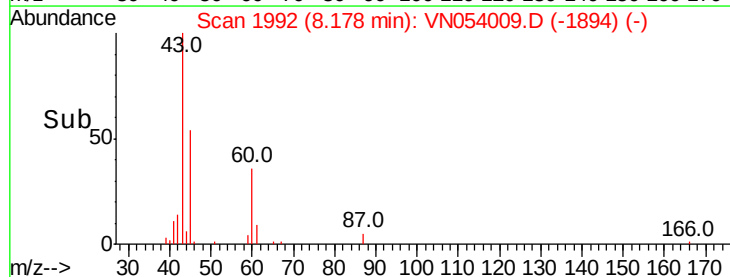
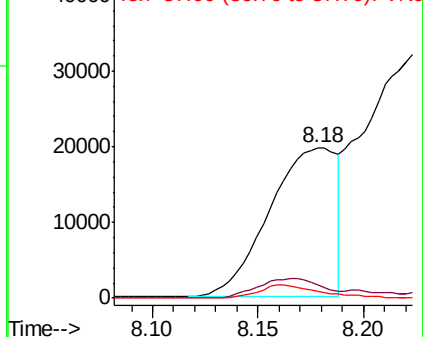
43 100

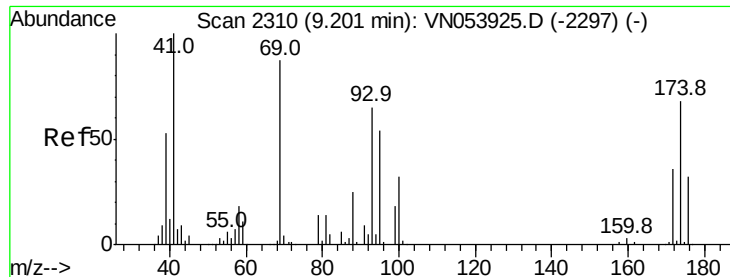
61 12.3 17.4 26.0#

87 7.9 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V

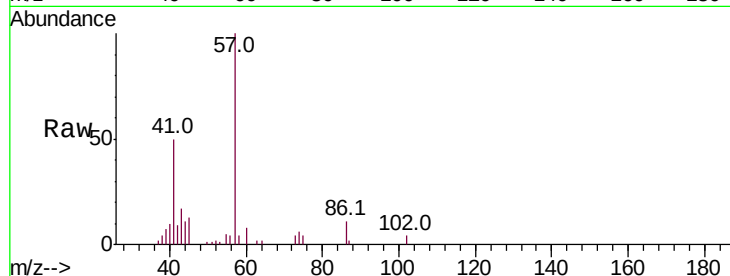




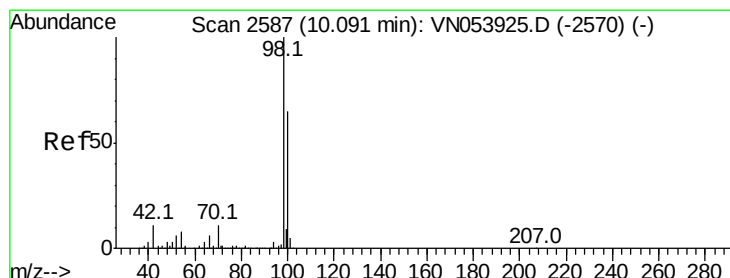
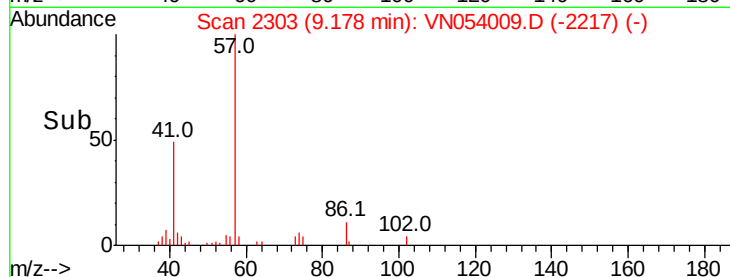
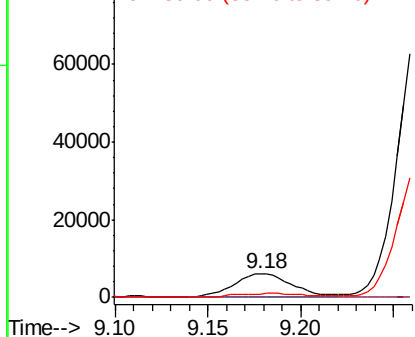
#48
Methvl methacrylate
Concen: 2.267 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN054009.D
Acq: 28 Feb 2019 17:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 12665
Ion Ratio Lower Upper
41 100
69 0.0 74.8 112.2#
39 20.2 39.0 58.6#

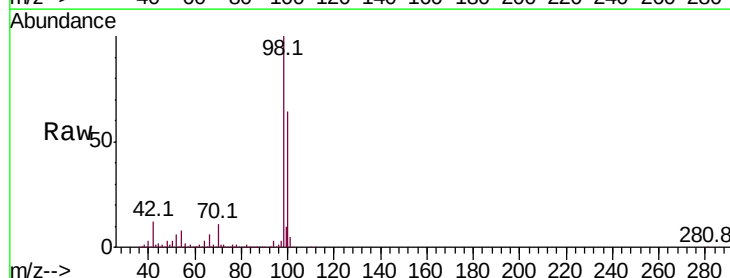


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

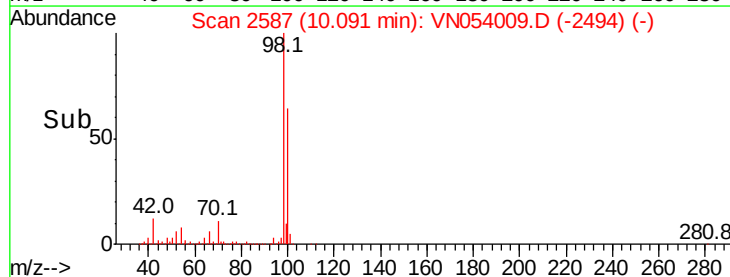
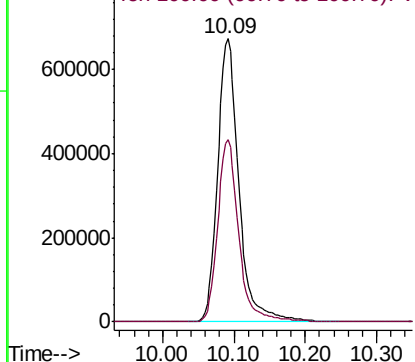


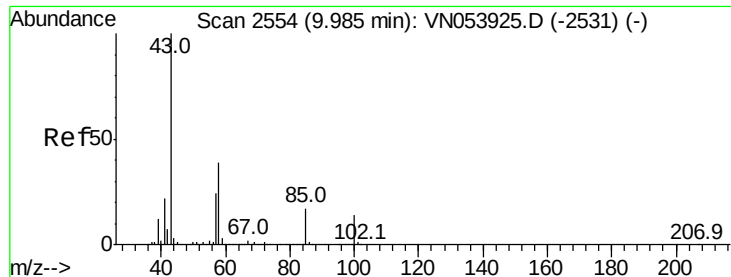
#50
Toluene-d8
Concen: 53.294 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054009.D
Acq: 28 Feb 2019 17:27

Tgt Ion: 98 Resp: 1389929
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VNC
Ion 100.00 (99.70 to 100.70): VNC

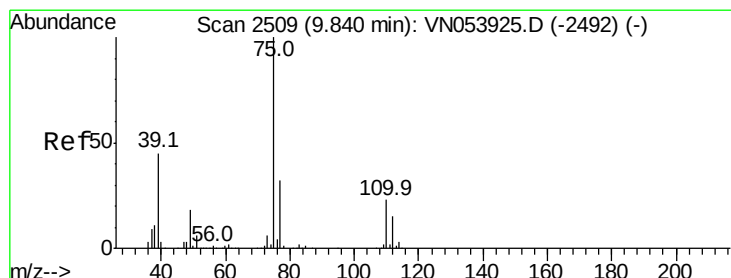
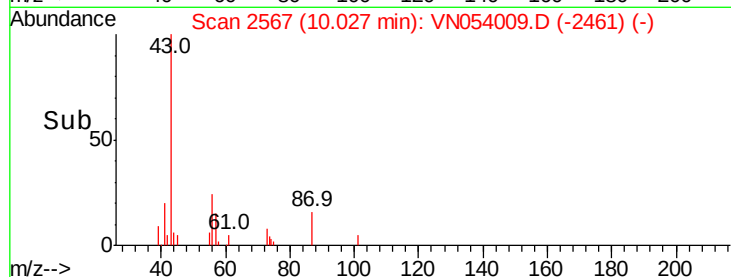
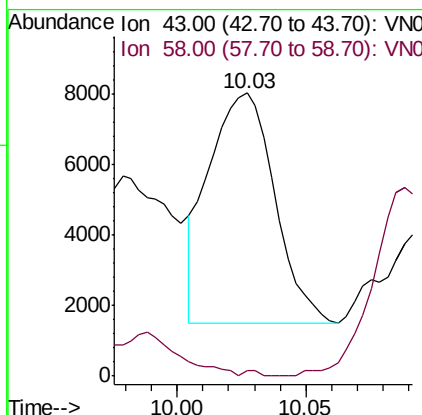
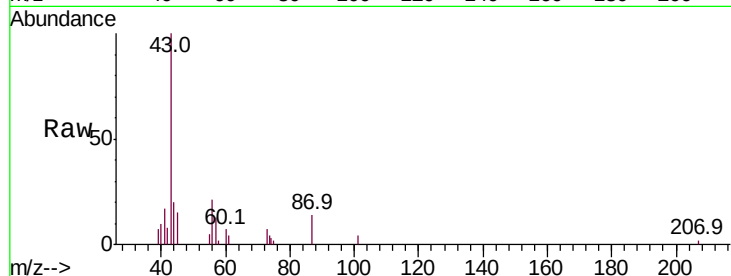




#51
 4-Methyl-2-Pentanone
 Concen: 1.863 ug/l
 RT: 10.03 min Scan# 2567
 Delta R.T. 0.04 min
 Lab File: VN054009.D
 Acq: 28 Feb 2019 17:27

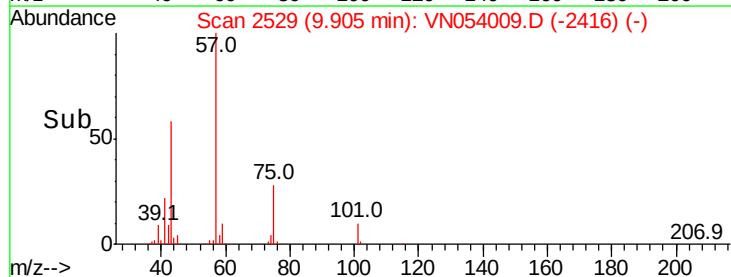
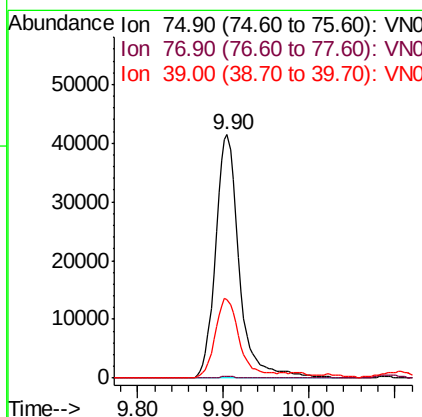
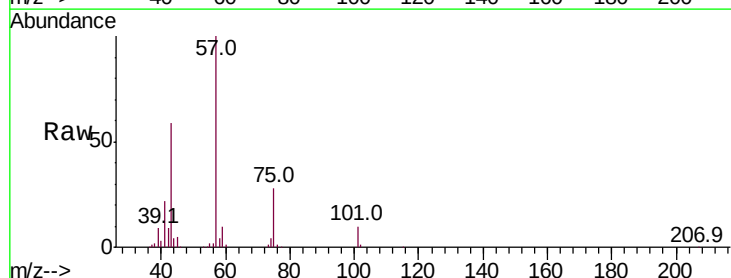
Instrument :
 MSVOA_N
 ClientSampled :

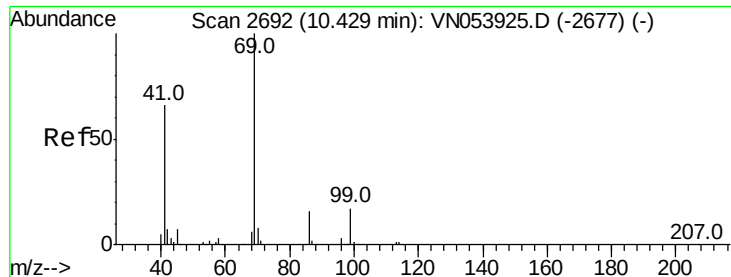
Tot Ion: 43 Resp: 11626
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.7 49.1#



#54
 cis-1,3-Dichloropropene
 Concen: 6.800 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN054009.D
 Acq: 28 Feb 2019 17:27

Tgt Ion: 75 Resp: 79691
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.8 38.6#
 39 32.3 31.4 47.0





#56

Ethyl methacrylate

Concen: 2.131 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

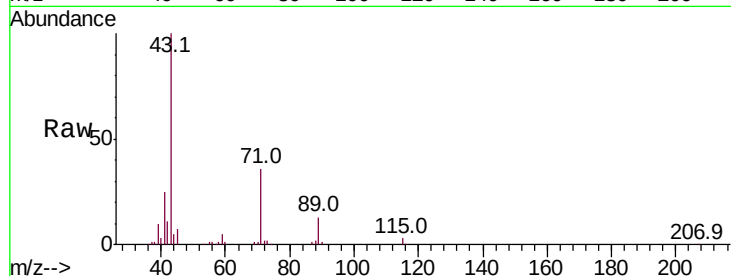
Tot Ion: 69 Resp: 1636

Ion Ratio Lower Upper

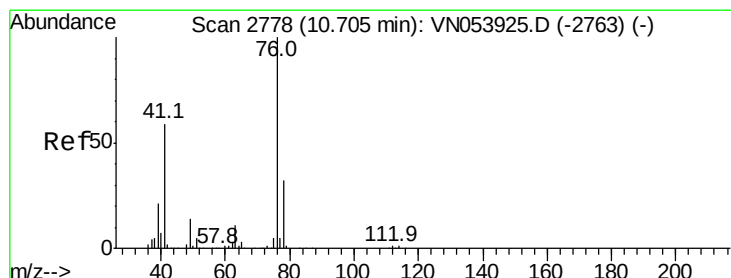
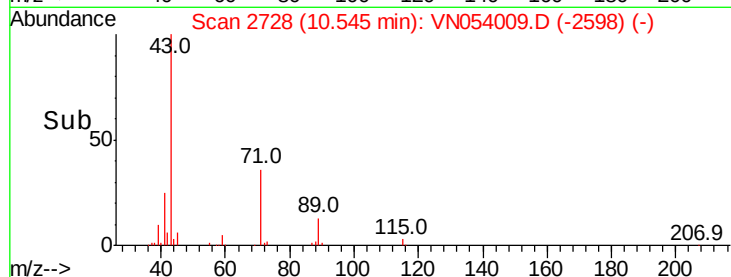
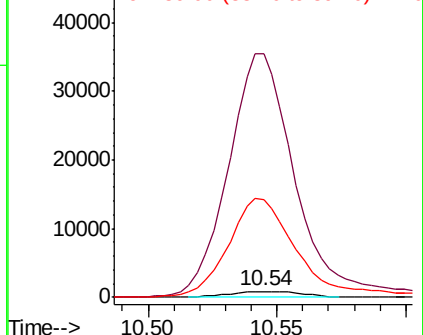
69 100

41 3937.5 47.5 71.3#

39 1646.6 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: 1.176 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054009.D

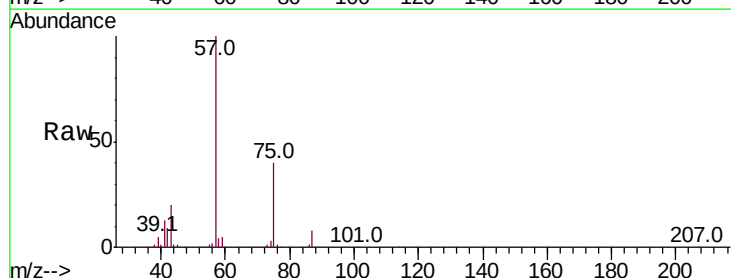
Acq: 28 Feb 2019 17:27

Tgt Ion: 76 Resp: 13524

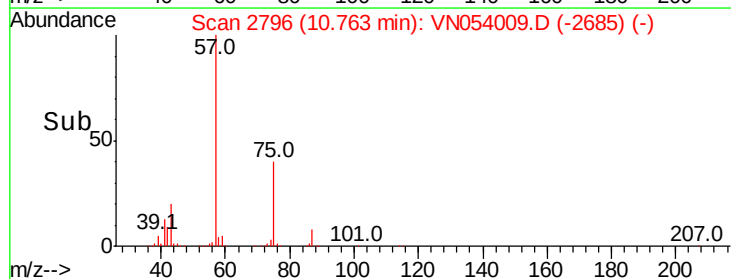
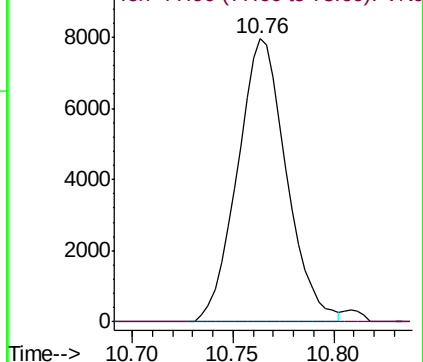
Ion Ratio Lower Upper

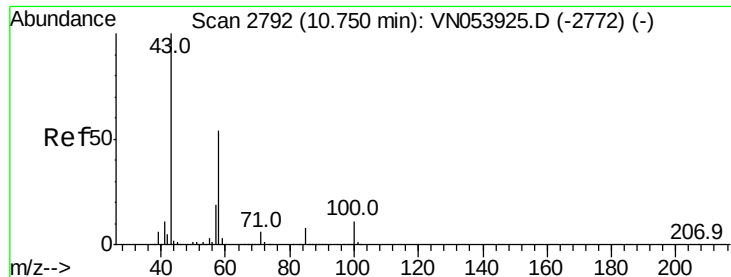
76 100

78 0.0 25.2 37.8#



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO





#59

2-Hexanone

Concen: 53.078 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

Instrument :

MSVOA_N

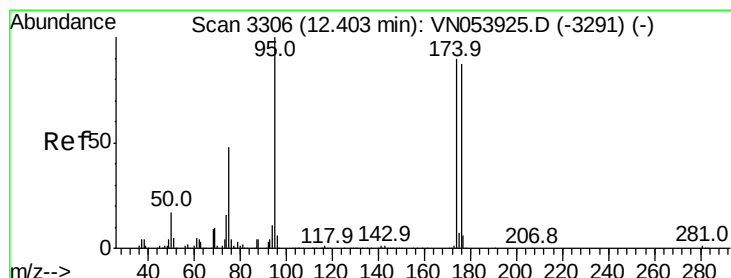
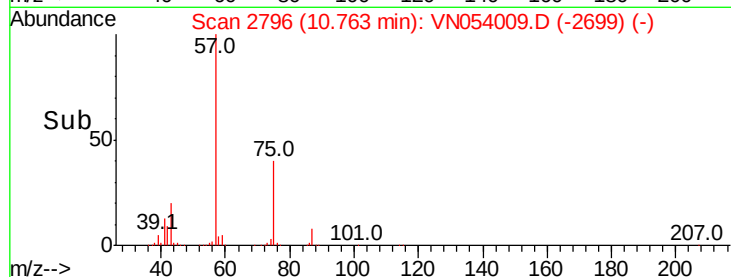
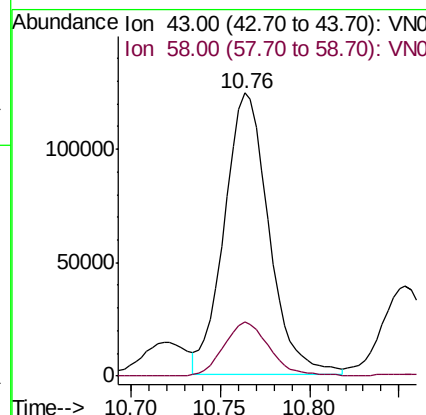
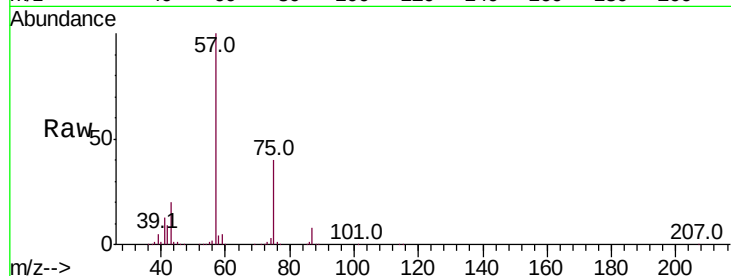
ClientSampled :

Tot Ion: 43 Resp: 215479

Ion Ratio Lower Upper

43 100

58 19.7 29.1 87.4#



#62

4-Bromofluorobenzene

Concen: 55.862 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

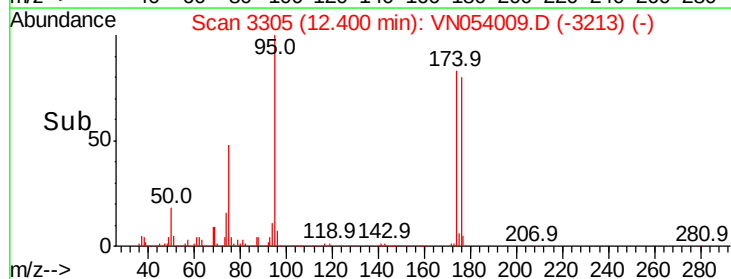
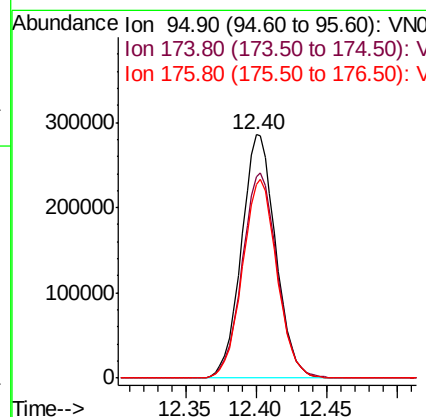
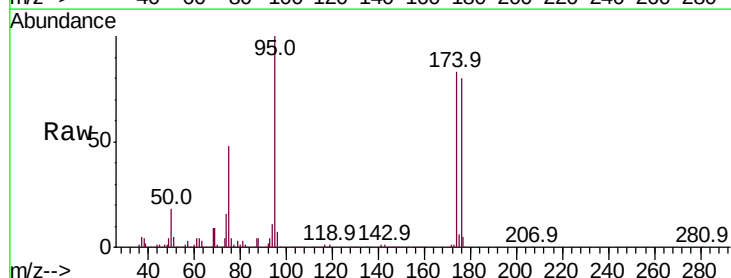
Tgt Ion: 95 Resp: 485397

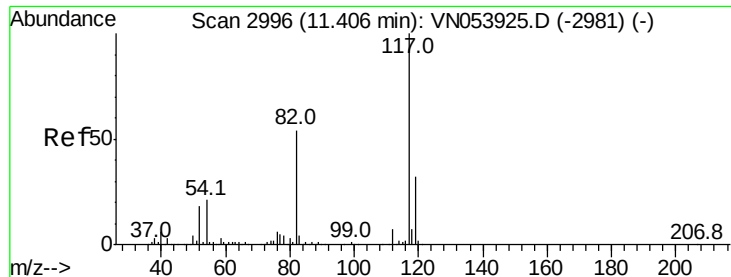
Ion Ratio Lower Upper

95 100

174 86.1 0.0 188.8

176 82.4 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: VN054009.D

Acq: 28 Feb 2019 17:27

Instrument :

MSVOA_N

ClientSampled :

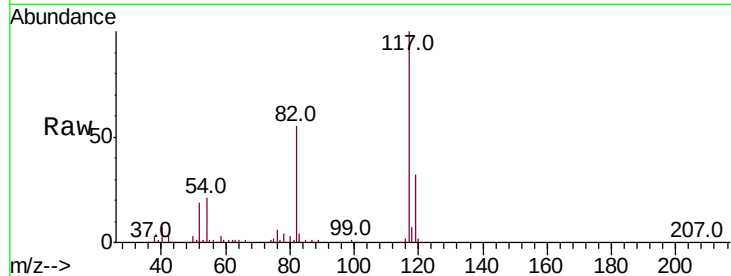
Tot Ion:117 Resp: 1081850

Ion Ratio Lower Upper

117 100

82 55.0 41.4 62.2

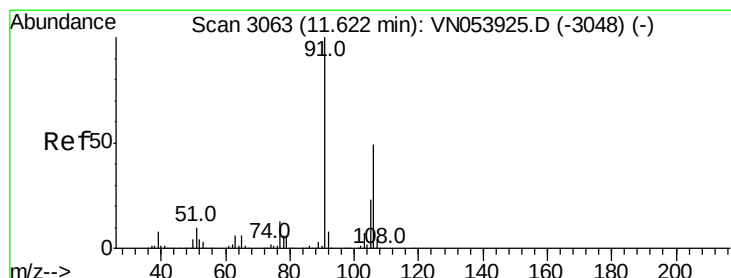
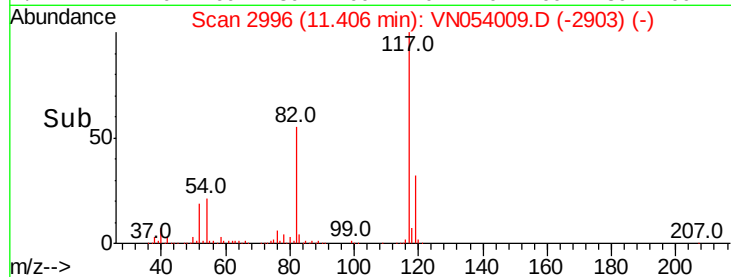
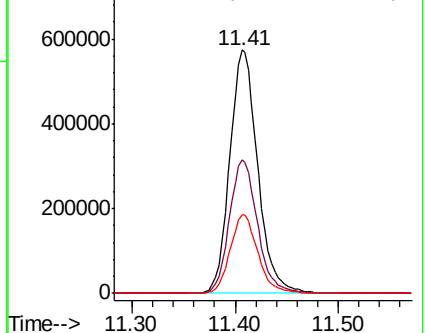
119 32.2 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 0.378 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN054009.D

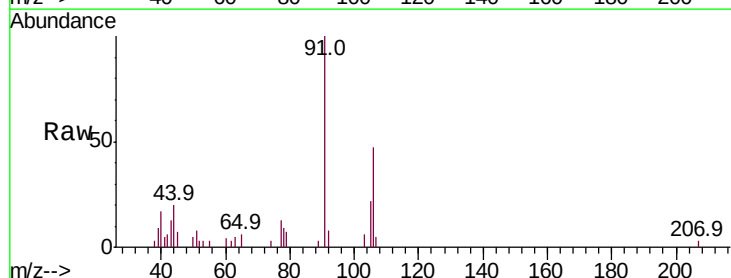
Acq: 28 Feb 2019 17:27

Tgt Ion:106 Resp: 5457

Ion Ratio Lower Upper

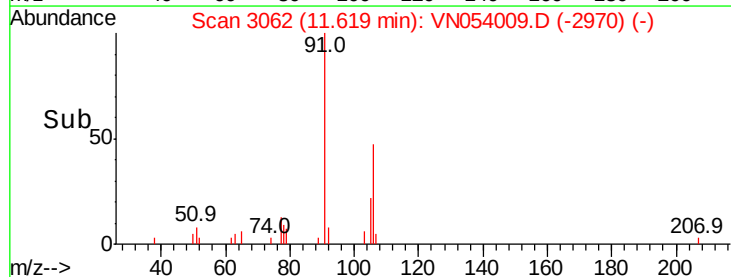
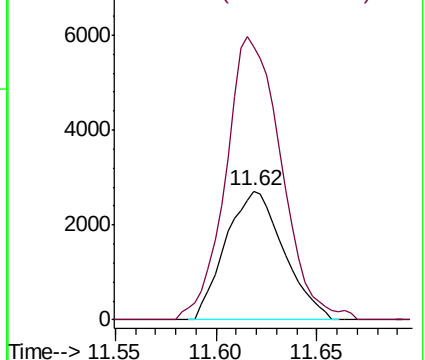
106 100

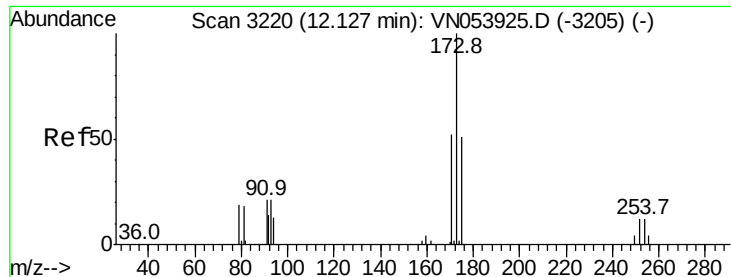
91 210.4 158.9 238.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 0.690 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

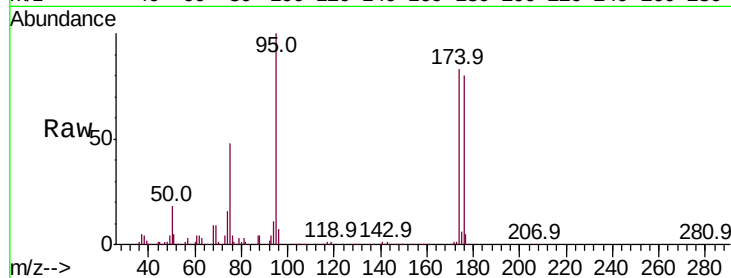
Tot Ion:173 Resp: 3948

Ion Ratio Lower Upper

173 100

175 688.9 24.3 72.8#

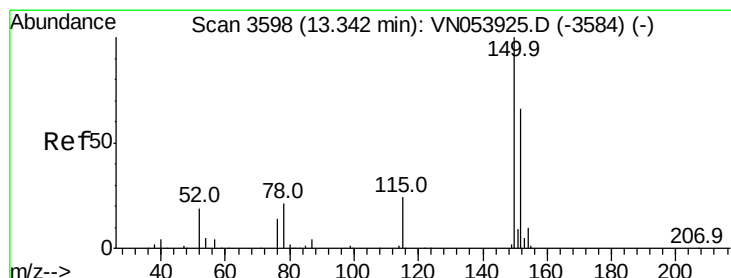
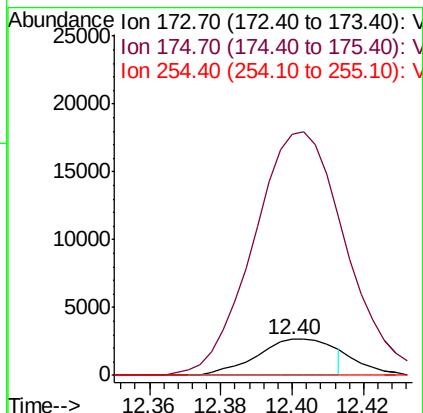
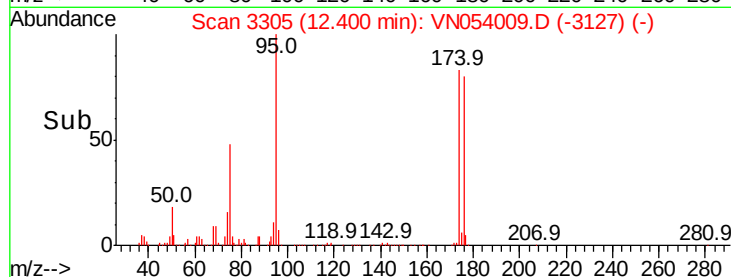
254 0.0 0.2 0.2#



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: VN054009.D

Acq: 28 Feb 2019 17:27

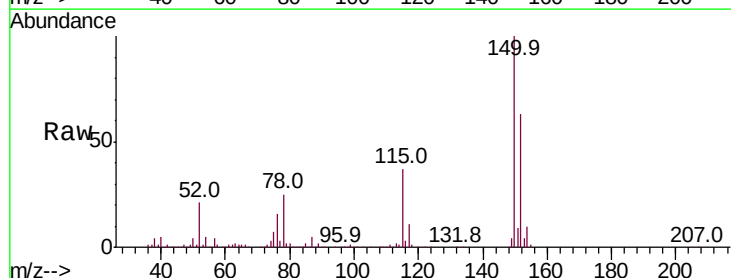
Tgt Ion:152 Resp: 430219

Ion Ratio Lower Upper

152 100

115 57.2 27.2 81.6

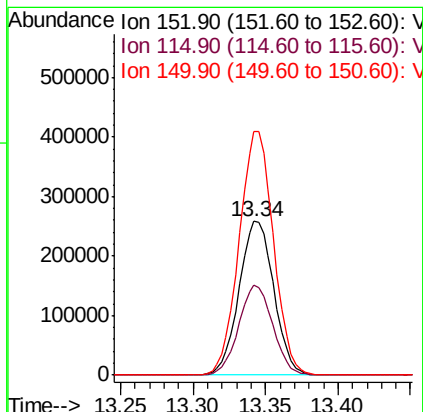
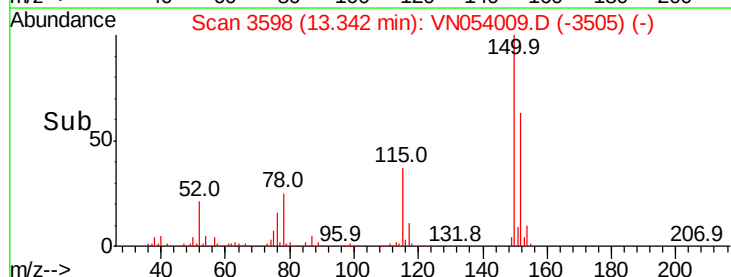
150 156.6 0.0 348.2

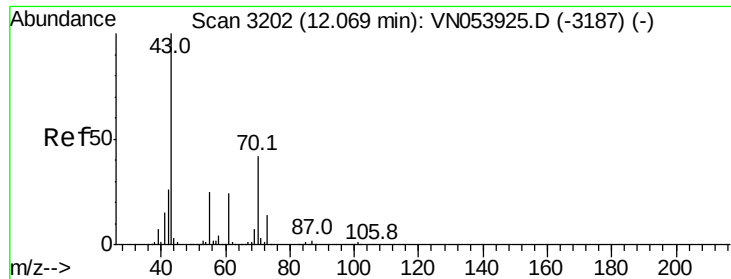


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.548 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 22364

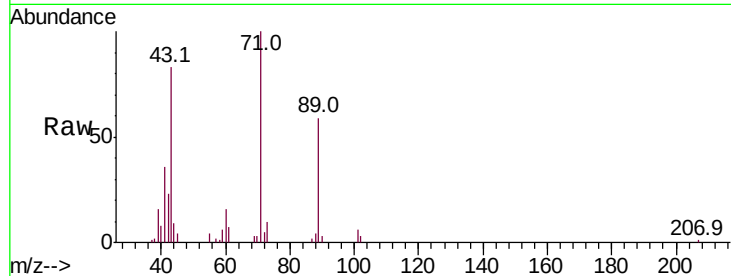
Ion Ratio Lower Upper

43 100

70 2.5 37.4 56.2#

55 5.8 21.4 32.0#

61 8.8 20.9 31.3#

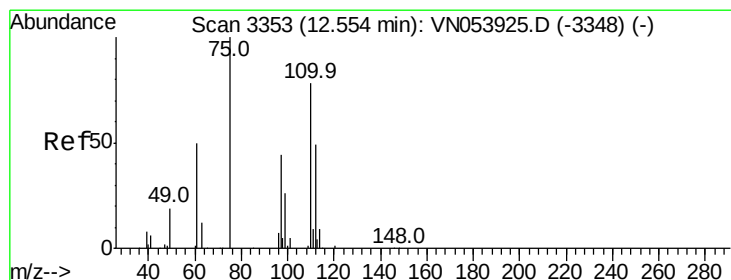
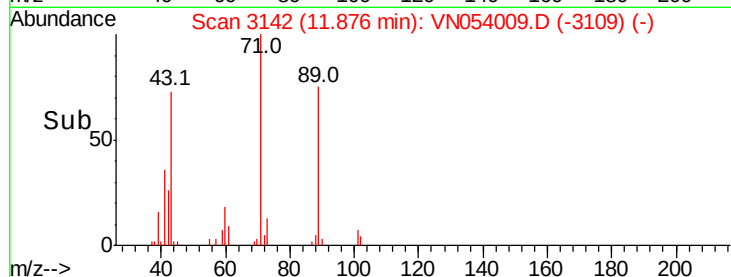
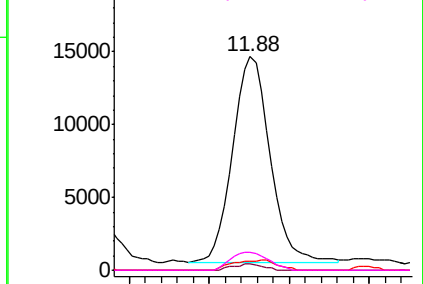


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 34.248 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054009.D

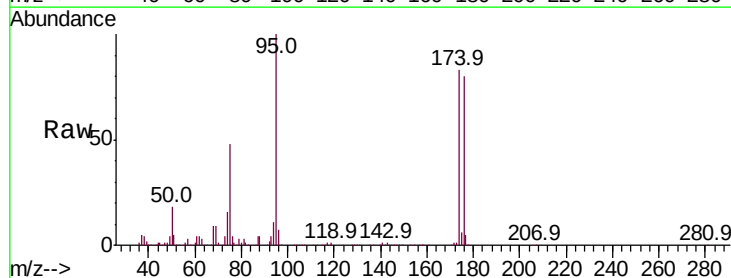
Acq: 28 Feb 2019 17:27

Tgt Ion: 75 Resp: 236359

Ion Ratio Lower Upper

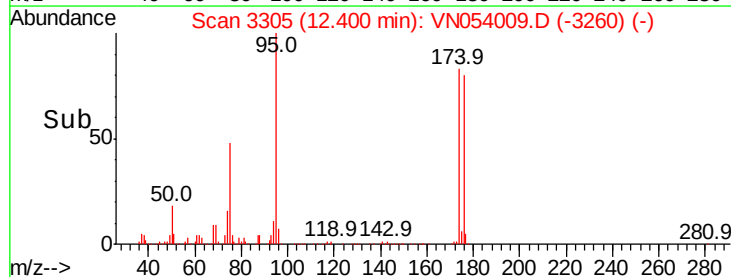
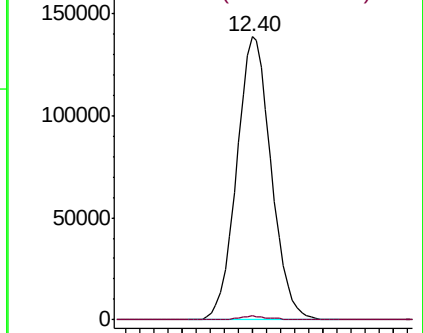
75 100

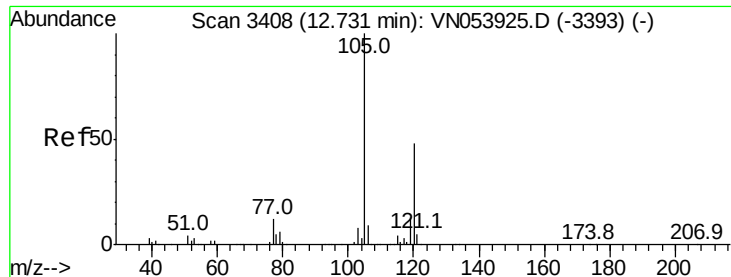
77 1.2 0.0 0.0#



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: 0.354 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

Instrument :

MSVOA_N

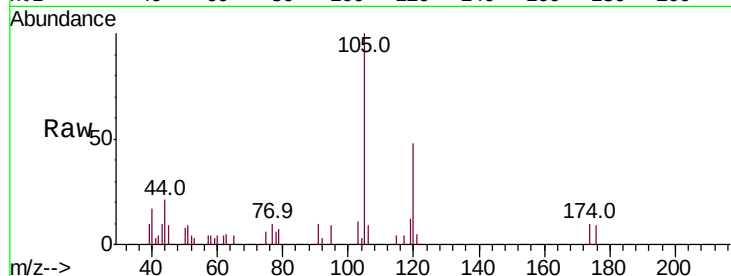
ClientSampled :

Tot Ion:105 Resp: 9709

Ion Ratio Lower Upper

105 100

120 45.6 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

6000

5000

4000

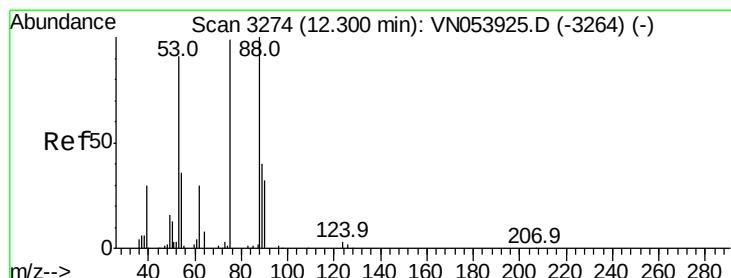
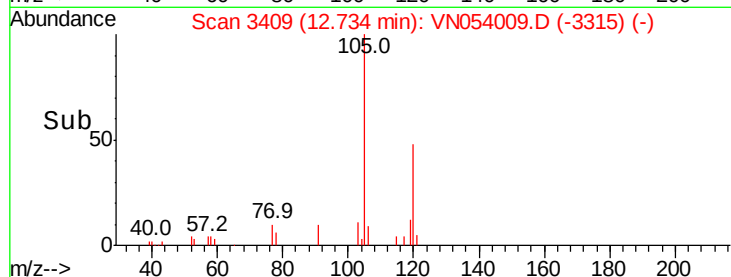
3000

2000

1000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 108.244 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

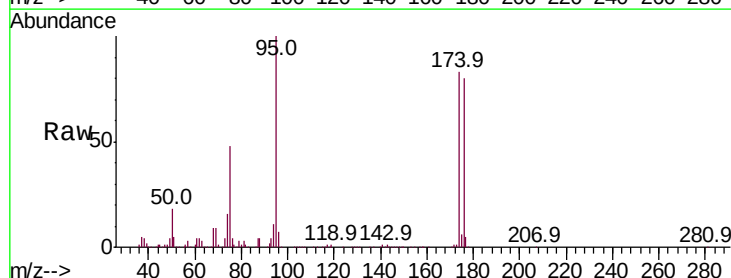
Tgt Ion: 75 Resp: 236359

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): V

Ion 53.00 (52.70 to 53.70): V

Ion 88.90 (88.60 to 89.60): V

12.40

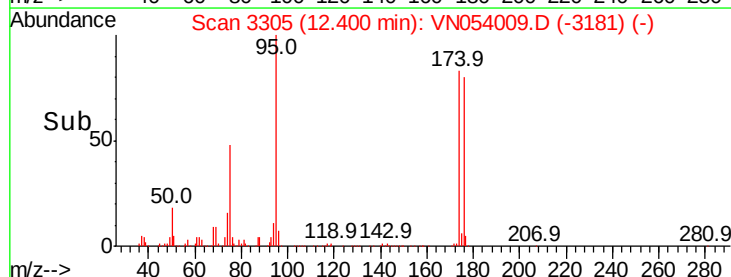
150000

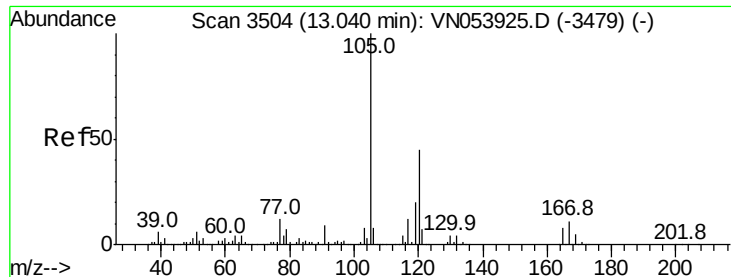
100000

50000

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 0.715 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

Instrument :

MSVOA_N

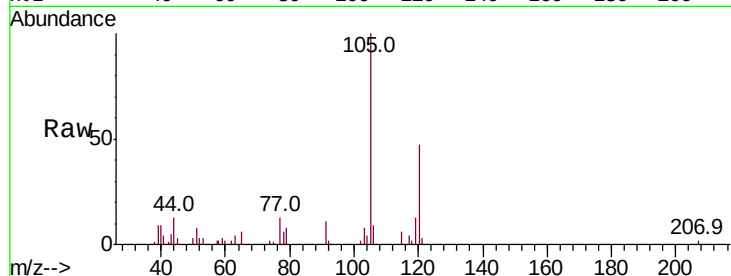
ClientSampled :

Tot Ion:105 Resp: 19567

Ion Ratio Lower Upper

105 100

120 46.5 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

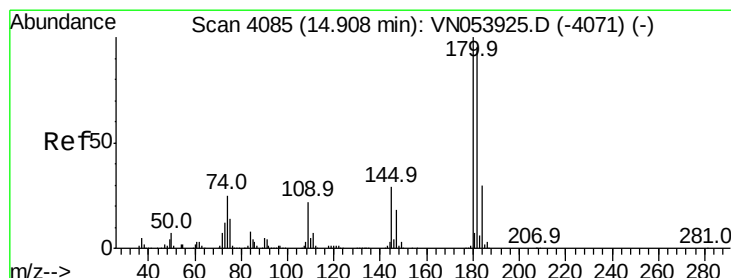
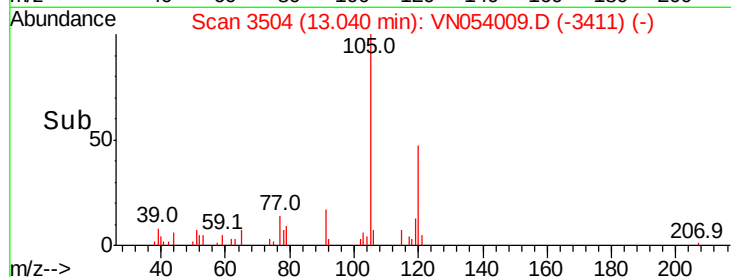
10000

5000

0

Time-->

13.00 13.05 13.10



#93

1,2,4-Trichlorobenzene

Concen: 2.236 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

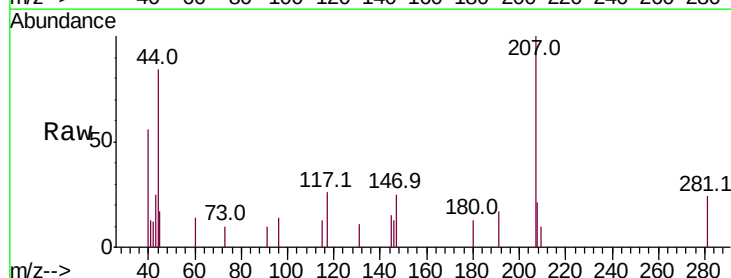
Tgt Ion:180 Resp: 110

Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

145 648.2 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

500

400

300

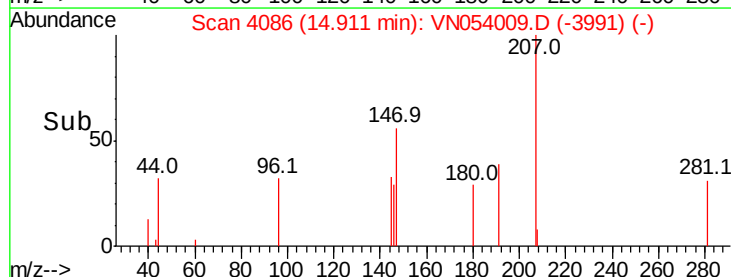
200

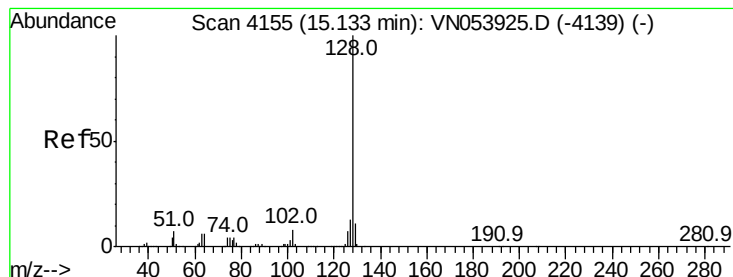
100

0

Time-->

14.90 14.91 14.92





#95

Naphthalene

Concen: 8.955 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

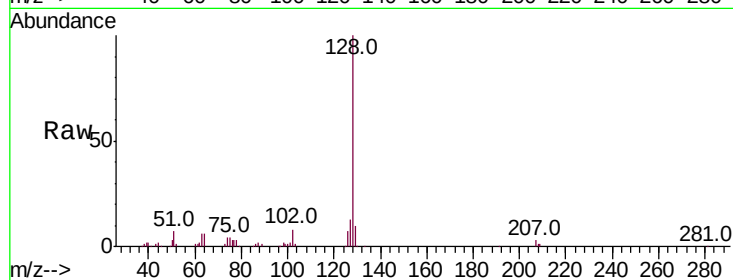
Tot Ion:128 Resp: 104547

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.2

129 10.5 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

