

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054040.D
 Acq On : 1 Mar 2019 20:08
 Operator : JC/SP
 Sample : K1665-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 200029

Quant Time: Mar 02 04:47:13 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	615411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1166276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1130566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	415171	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	416221	57.70	ug/l	0.00
Spiked Amount			Recovery	=	115.40%	
35) Dibromofluoromethane	7.59	113	374609	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
50) Toluene-d8	10.09	98	1473056	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.40	95	494956	52.92	ug/l	0.00
Spiked Amount			Recovery	=	105.84%	

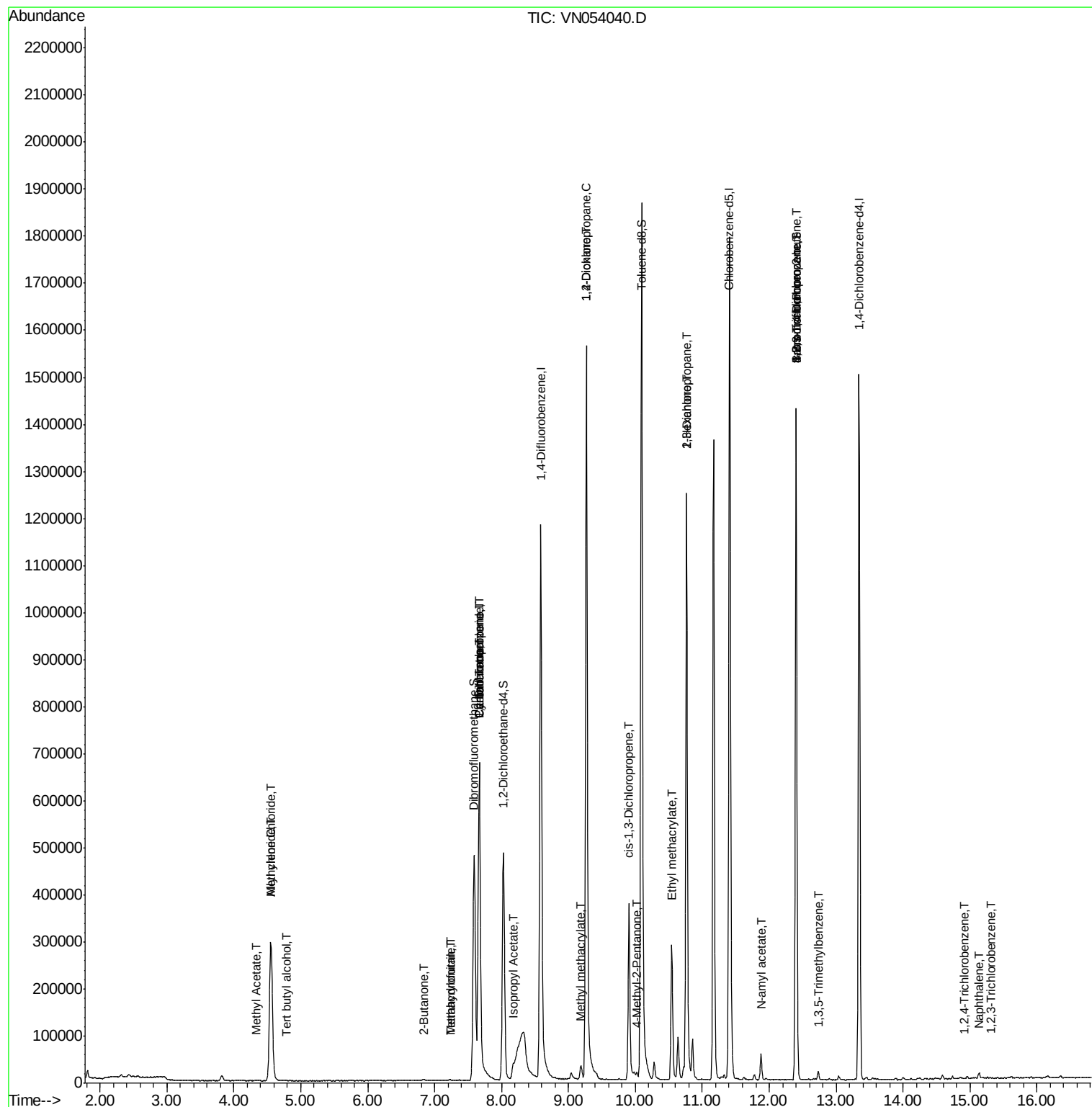
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	383	0.837	ug/l #	73
14) Allyl chloride	4.55	41	10027	0.941	ug/l #	26
16) Acetone	3.82	43	18863	Below Cal		89
18) Methyl Acetate	4.34	43	3715	0.736	ug/l #	78
20) Methylene Chloride	4.55	84	224184	31.399	ug/l	89
25) 2-Butanone	6.84	43	3682	1.300	ug/l #	47
29) Tetrahydrofuran	7.22	42	1901	1.008	ug/l #	45
31) Cyclohexane	7.67	56	11945	0.631	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	43432	4.004	ug/l #	47
38) Carbon Tetrachloride	7.67	117	54791	4.857	ug/l #	17
41) Methacrylonitrile	7.23	41	1022	0.205	ug/l #	100
43) Isopropyl Acetate	8.17	43	34021	2.602	ug/l #	89
45) 1,2-Dichloropropane	9.27	63	2164	0.241	ug/l #	44
48) Methyl methacrylate	9.18	41	10906	1.813	ug/l #	12
49) 1,4-Dioxane	9.27	88	32	0.393	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	11007	1.638	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	69413	5.502	ug/l #	70
56) Ethyl methacrylate	10.55	69	1409	2.096	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	13548	1.094	ug/l #	43
59) 2-Hexanone	10.76	43	199873	45.737	ug/l #	48
71) Bromoform	12.40	173	3893	0.651	ug/l #	1
74) N-amyl acetate	11.88	43	19453	2.297	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	240728	36.145	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	8101	0.306	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	240728	114.241	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	149	2.241	ug/l #	62
95) Naphthalene	15.13	128	10385	3.803	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	230	1.588	ug/l #	46

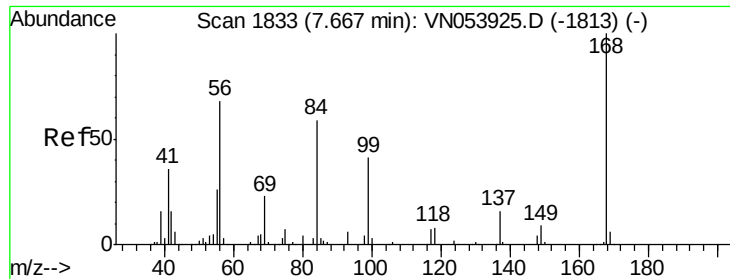
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

Instrument :

MSVOA_N

ClientSampled :

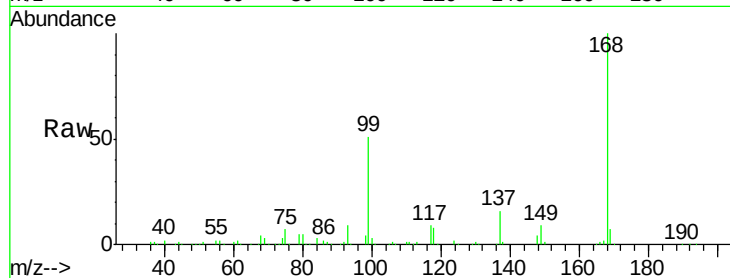
200029

Tot Ion:168 Resp: 615411

Ion Ratio Lower Upper

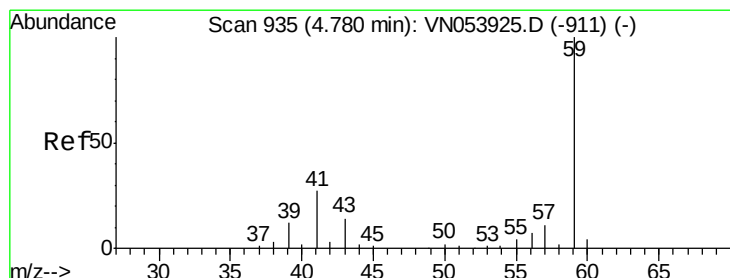
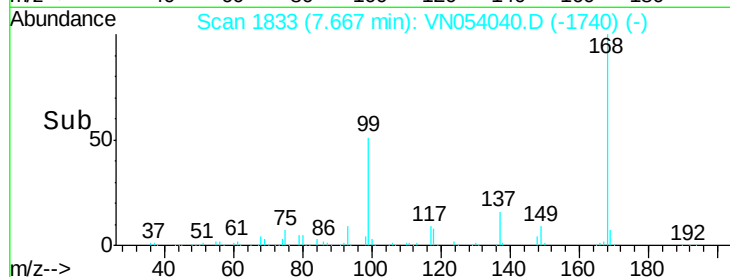
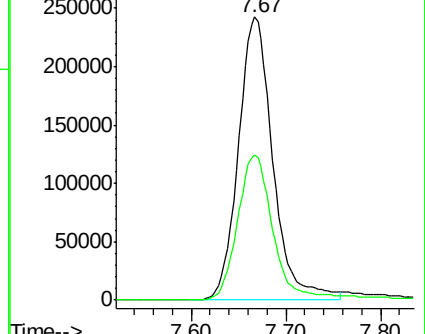
168 100

99 51.2 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.837 ug/l

RT: 4.78 min Scan# 936

Delta R.T. 0.00 min

Lab File: VN054040.D

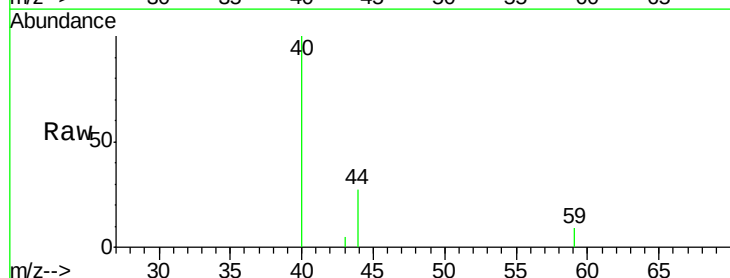
Acq: 1 Mar 2019 20:08

Tgt Ion: 59 Resp: 383

Ion Ratio Lower Upper

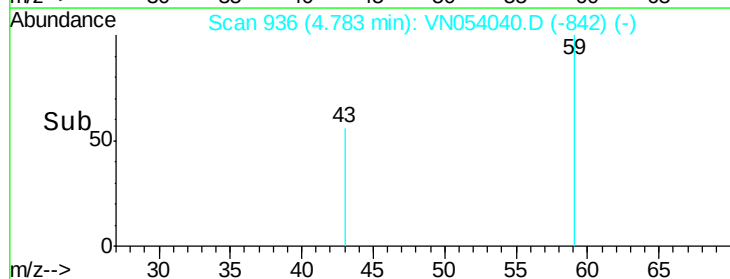
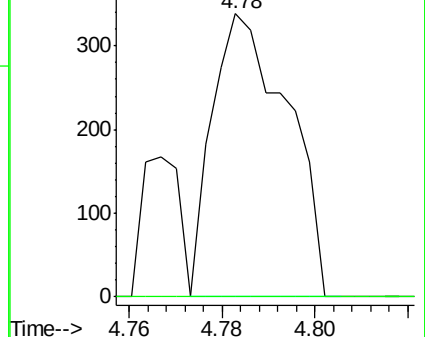
59 100

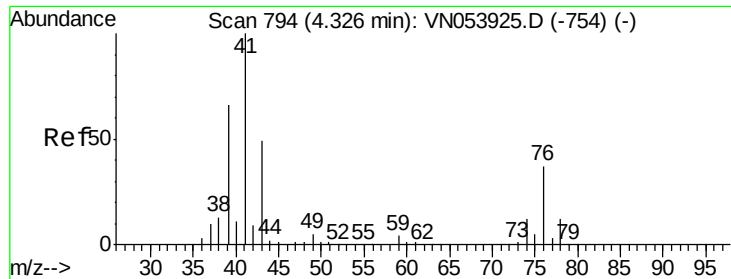
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

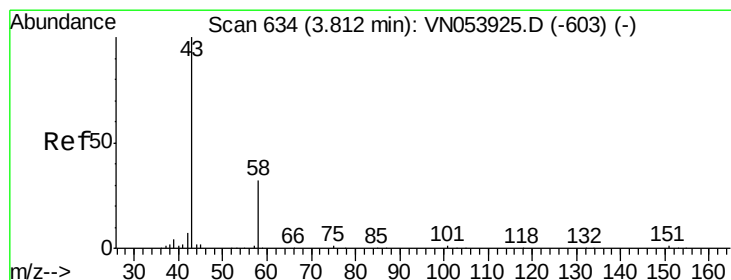
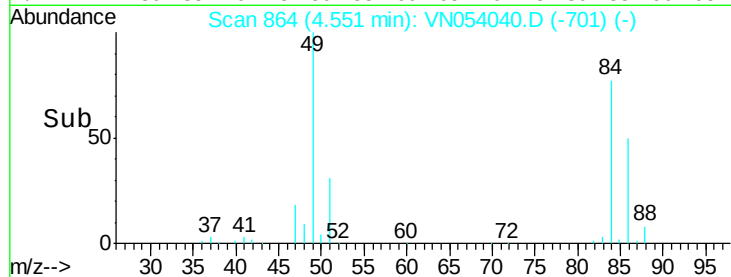
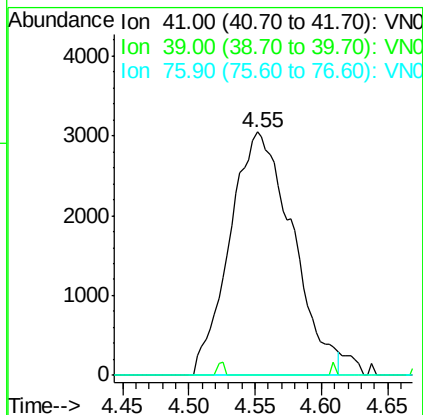
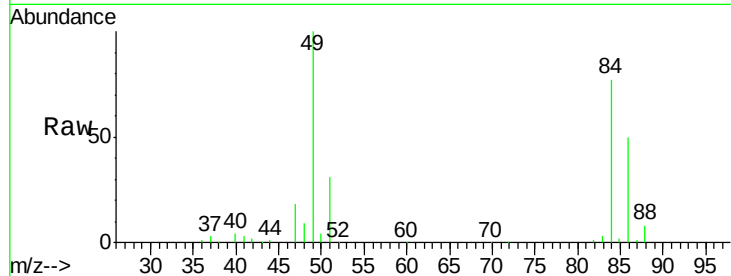




#14
Allvl chloride
Concen: 0.941 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.23 min
Lab File: VN054040.D
Acq: 1 Mar 2019 20:08

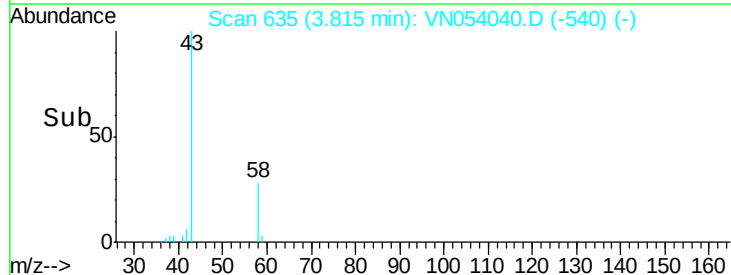
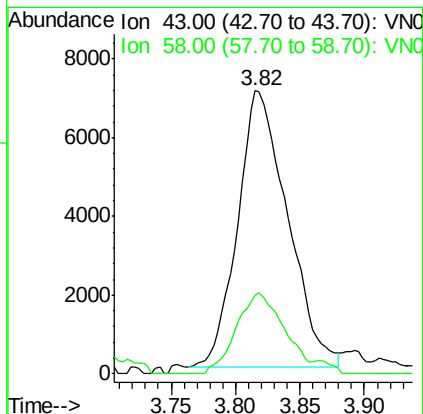
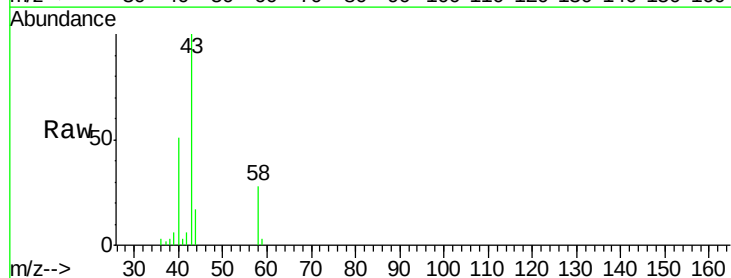
Instrument :
MSVOA_N
ClientSampled :
200029

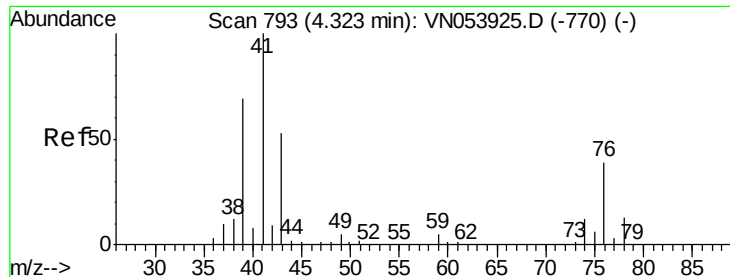
Tot Ion: 41 Resp: 10027
Ion Ratio Lower Upper
41 100
39 0.0 48.8 73.2#
76 0.0 30.9 46.3#



#16
Acetone
Concen: Below Cal
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN054040.D
Acq: 1 Mar 2019 20:08

Tgt Ion: 43 Resp: 18863
Ion Ratio Lower Upper
43 100
58 28.3 27.6 41.4

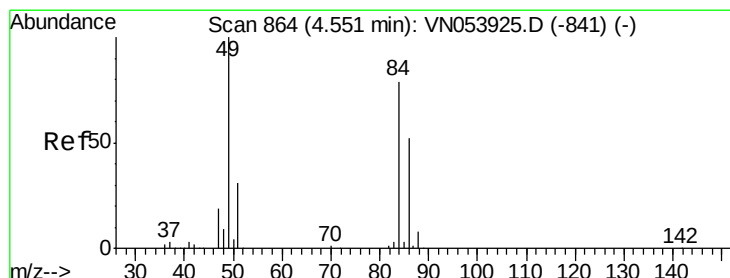
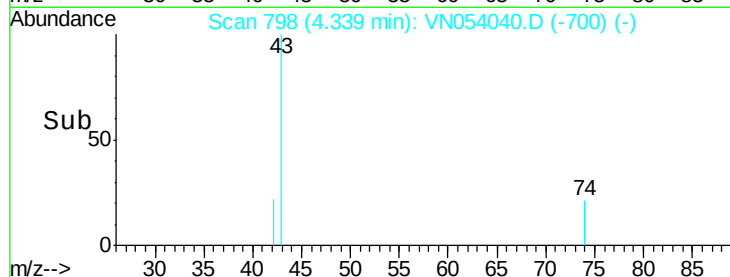
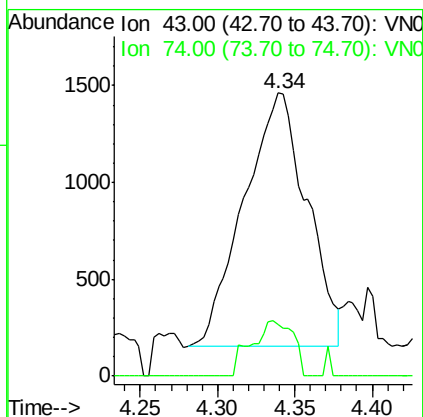
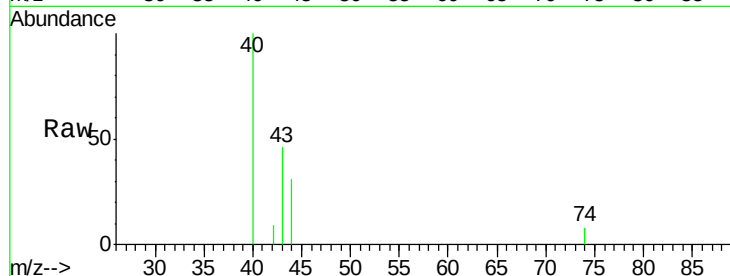




#18
Methyl Acetate
Concen: 0.736 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.02 min
Lab File: VN054040.D
Acq: 1 Mar 2019 20:08

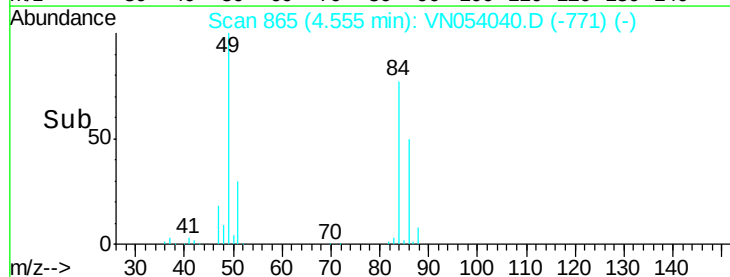
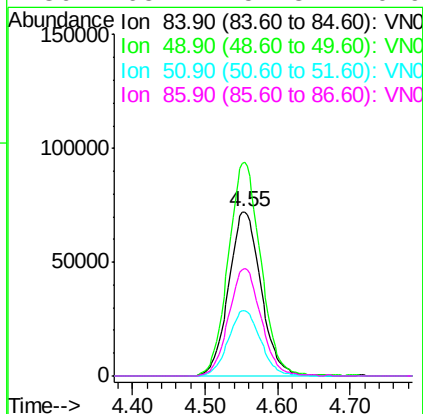
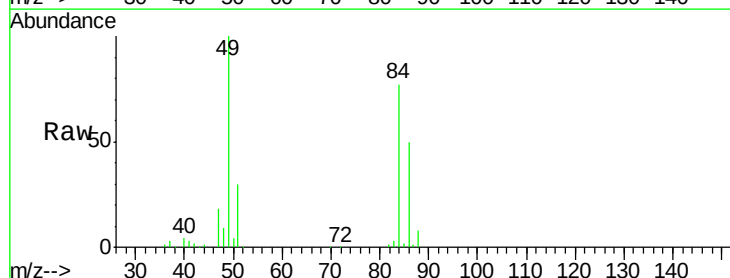
Instrument :
MSVOA_N
ClientSampleId :
200029

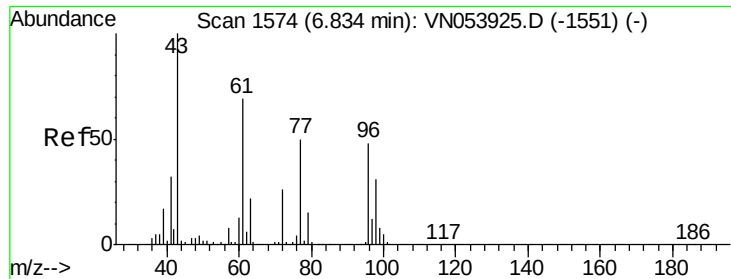
Tot Ion: 43 Resp: 3715
Ion Ratio Lower Upper
43 100
74 14.3 20.5 30.7#



#20
Methylene Chloride
Concen: 31.399 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN054040.D
Acq: 1 Mar 2019 20:08

Tgt Ion: 84 Resp: 224184
Ion Ratio Lower Upper
84 100
49 130.0 89.7 134.5
51 39.4 27.8 41.8
86 65.2 51.3 76.9





#25

2-Butanone

Concen: 1.300 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

Instrument :

MSVOA_N

ClientSampled :

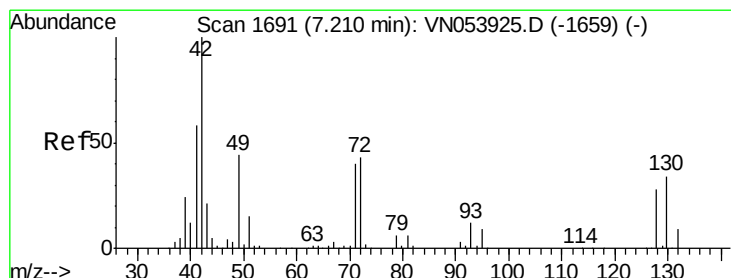
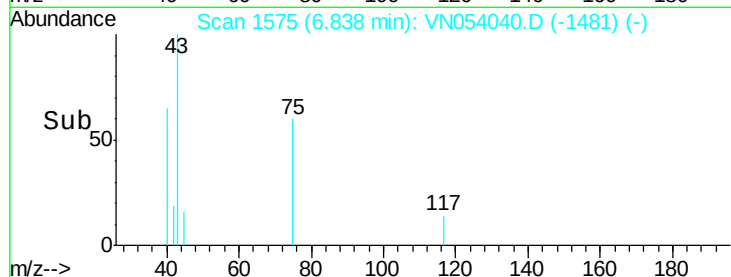
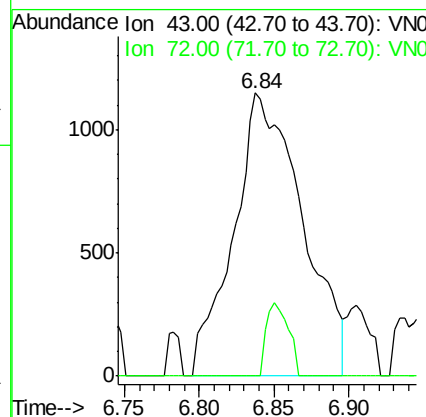
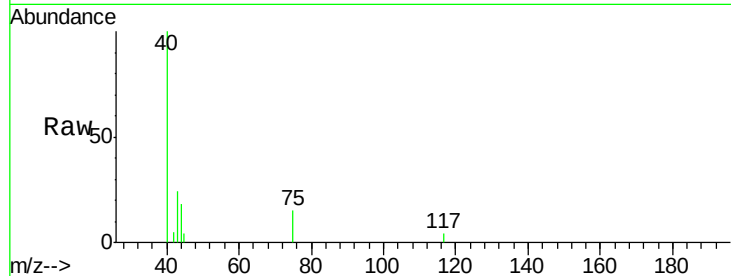
200029

Tot Ion: 43 Resp: 3682

Ion Ratio Lower Upper

43 100

72 0.0 22.1 33.1#



#29

Tetrahydrofuran

Concen: 1.008 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

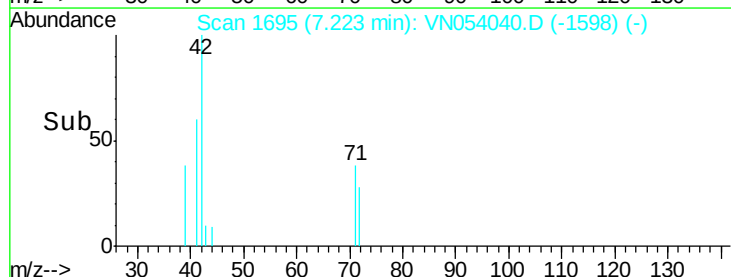
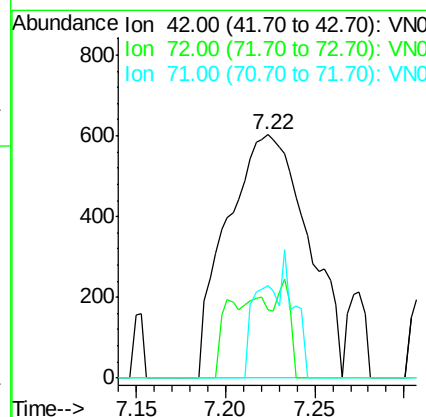
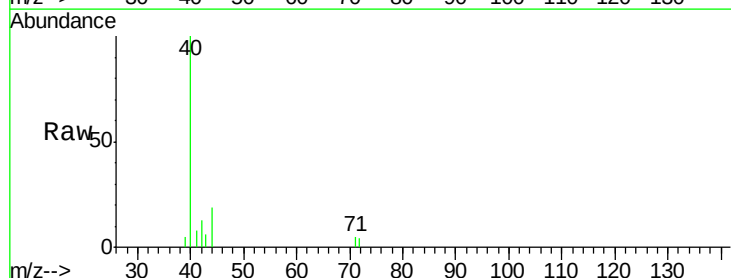
Tgt Ion: 42 Resp: 1901

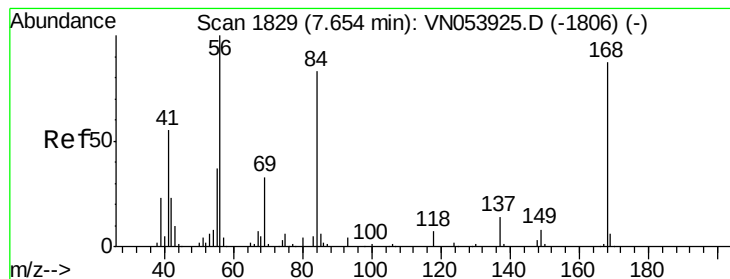
Ion Ratio Lower Upper

42 100

72 6.6 36.9 55.3#

71 10.8 34.6 52.0#





#31

Cyclohexane

Concen: 0.631 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

Instrument :

MSVOA_N

ClientSampled :

200029

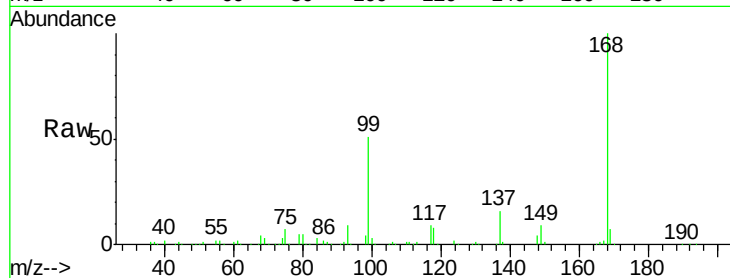
Tot Ion: 56 Resp: 11945

Ion Ratio Lower Upper

56 100

69 172.1 26.0 39.0#

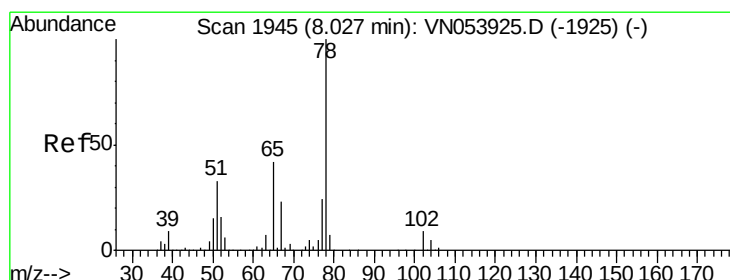
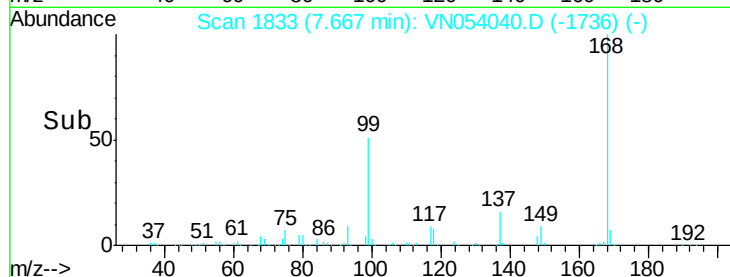
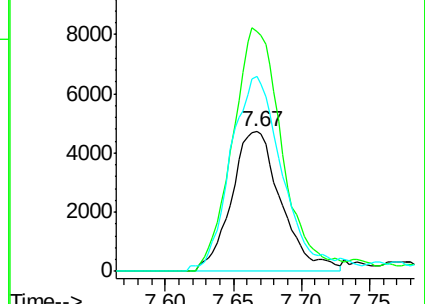
84 136.3 69.1 103.7#



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: 57.696 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054040.D

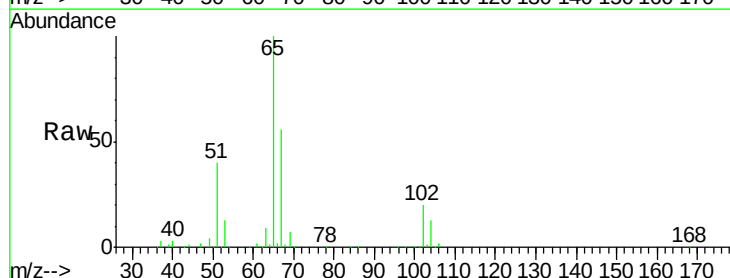
Acq: 1 Mar 2019 20:08

Tgt Ion: 65 Resp: 416221

Ion Ratio Lower Upper

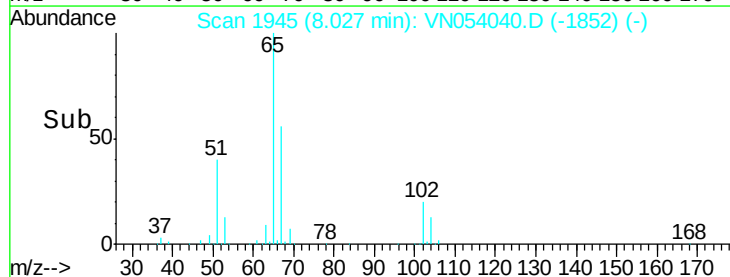
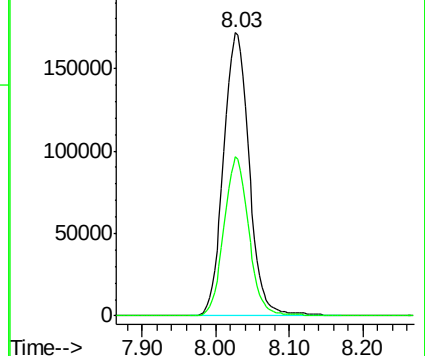
65 100

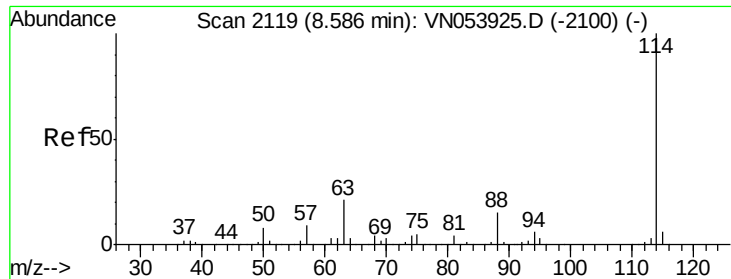
67 53.9 0.0 111.8



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: VN054040.D

Acq: 1 Mar 2019 20:08

Instrument :

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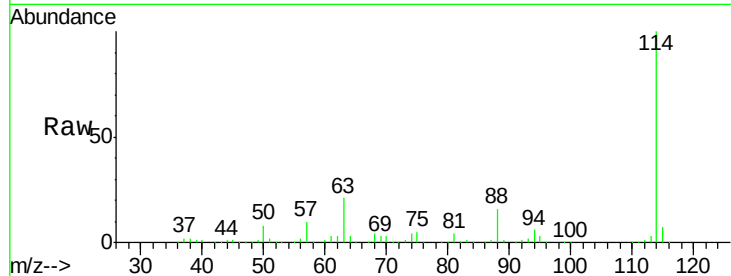
Tot Ion:114 Resp: 1166276

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

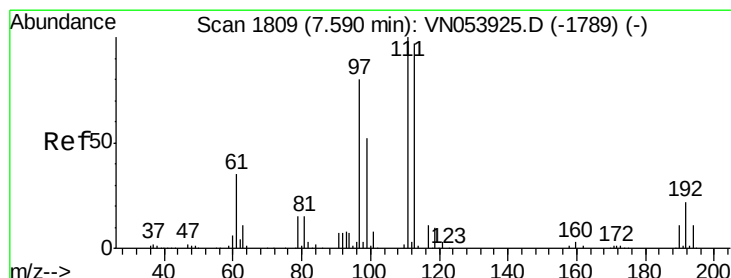
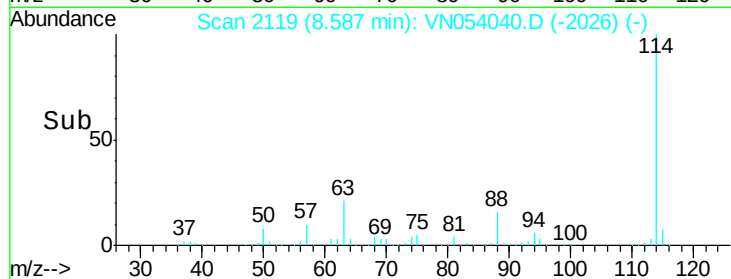
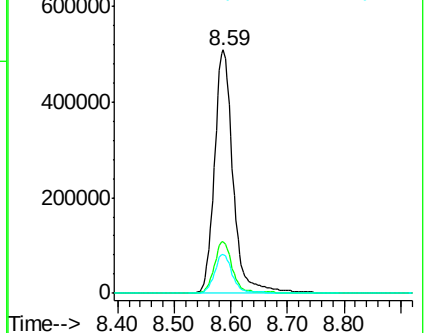
88 16.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.671 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

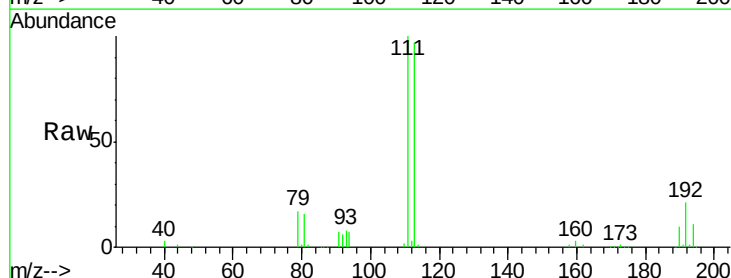
Tgt Ion:113 Resp: 374609

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

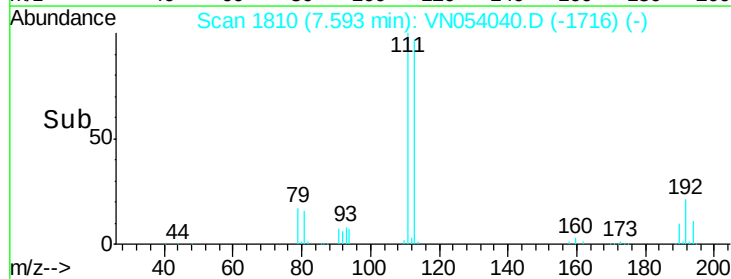
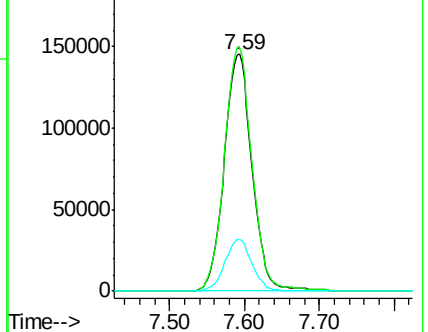
192 21.3 18.8 28.2

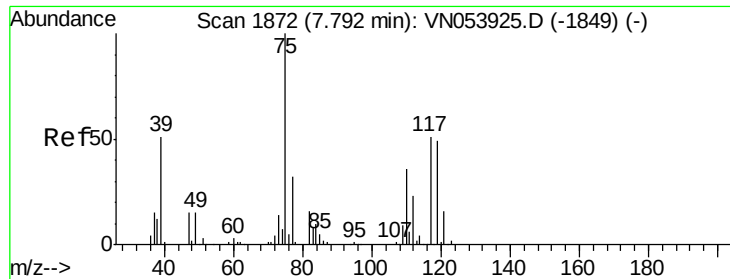


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.004 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

Instrument :

MSVOA_N

ClientSampleID :

200029

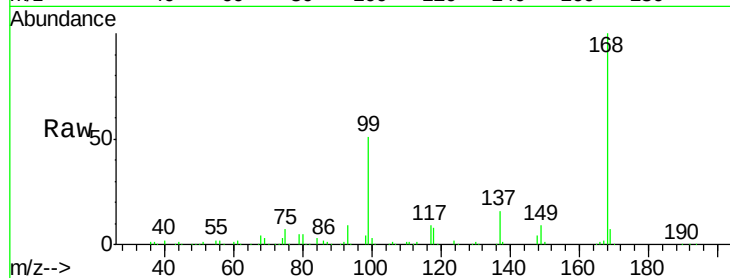
Tot Ion: 75 Resp: 43432

Ion Ratio Lower Upper

75 100

110 8.1 19.0 57.0#

77 0.0 25.4 38.0#

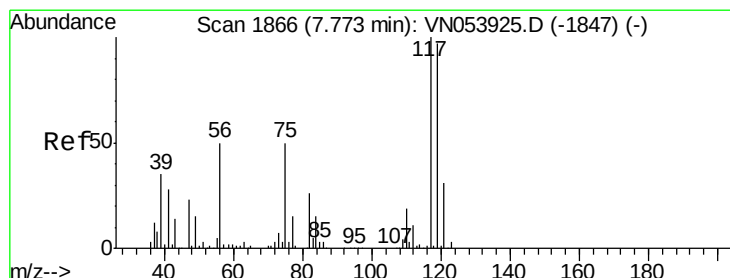
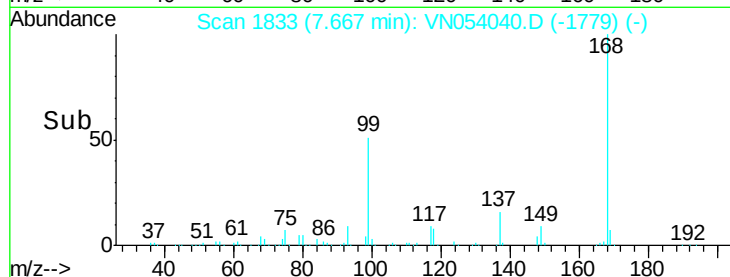


Abundance Ion 74.90 (74.60 to 75.60): VN053925.D (-1849) (-)

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

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

Time-->



#38

Carbon Tetrachloride

Concen: 4.857 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

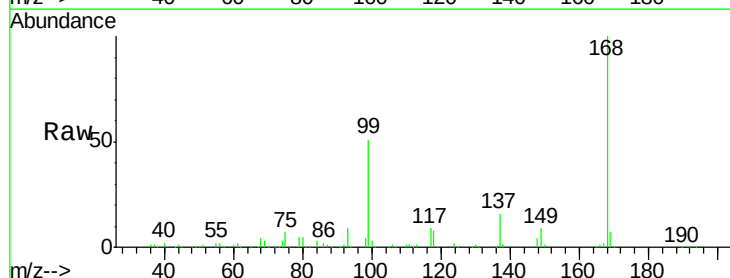
Tgt Ion: 117 Resp: 54791

Ion Ratio Lower Upper

117 100

119 5.5 76.2 114.2#

121 0.0 24.6 36.8#

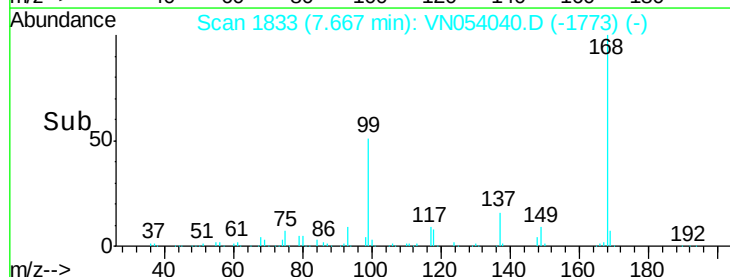


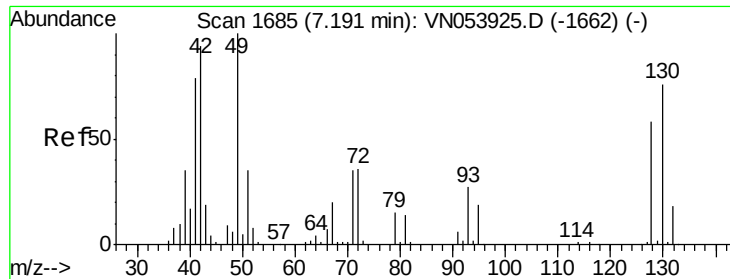
Abundance Ion 116.80 (116.50 to 117.50): VN053925.D (-1847) (-)

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

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

Time-->

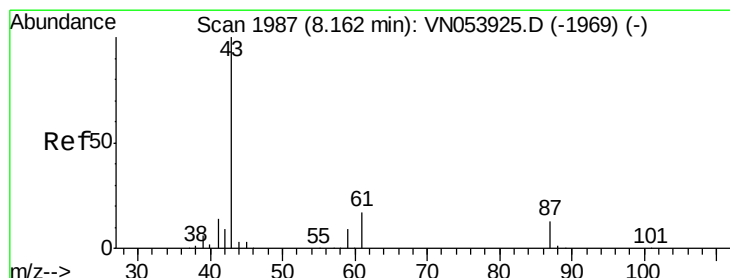
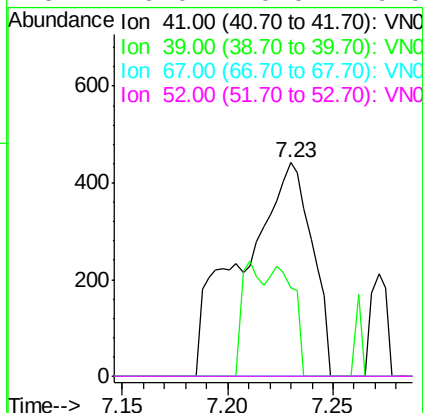
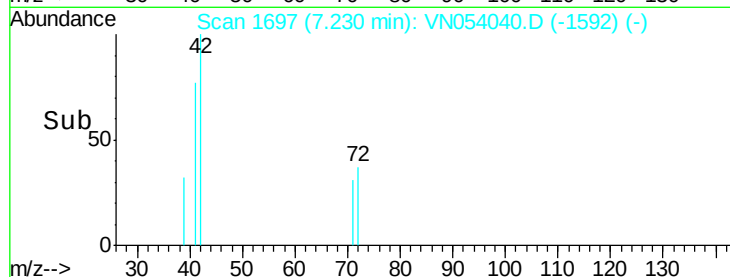
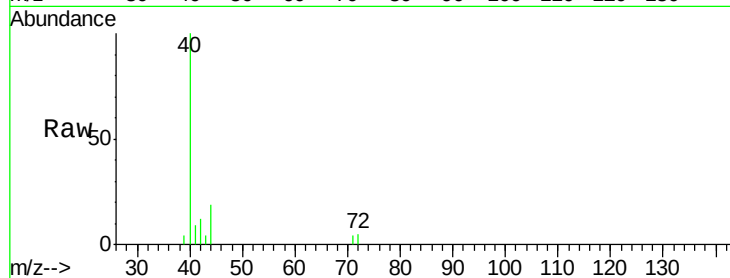




#41
Methacrylonitrile
Concen: 0.205 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.04 min
Lab File: VN054040.D
Acq: 1 Mar 2019 20:08

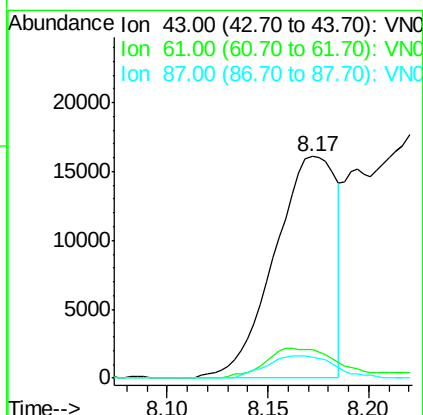
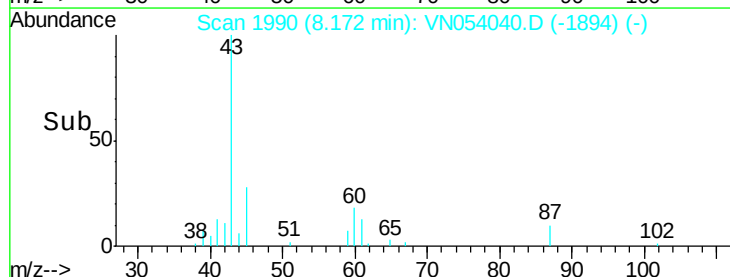
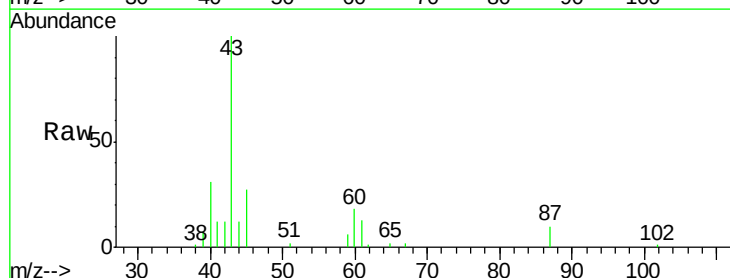
Instrument :
MSVOA_N
ClientSampled :
200029

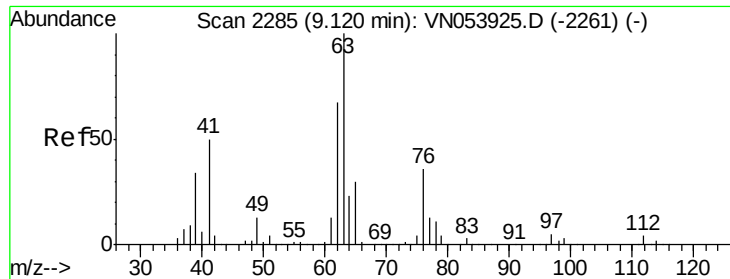
Tot Ion:	41	Resp:	1022
Ion	Ratio	Lower	Upper
41	100		
39	16.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 2.602 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN054040.D
Acq: 1 Mar 2019 20:08

Tgt Ion:	43	Resp:	34021
Ion	Ratio	Lower	Upper
43	100		
61	15.8	17.4	26.0#
87	11.1	11.5	17.3#

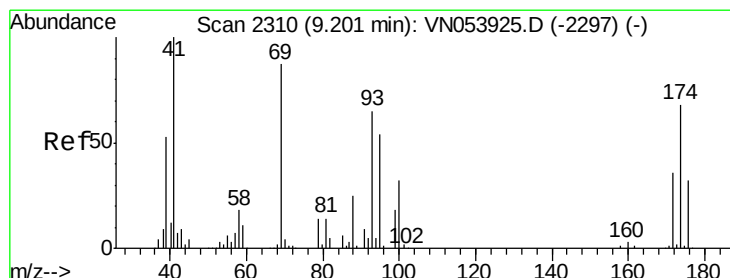
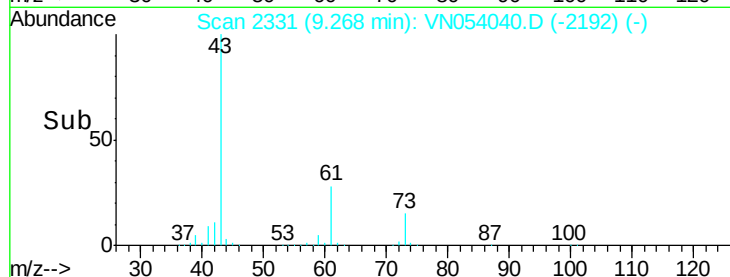
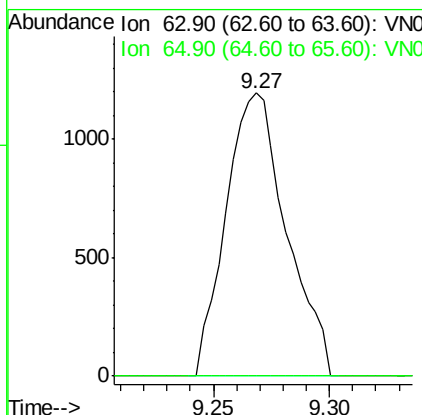
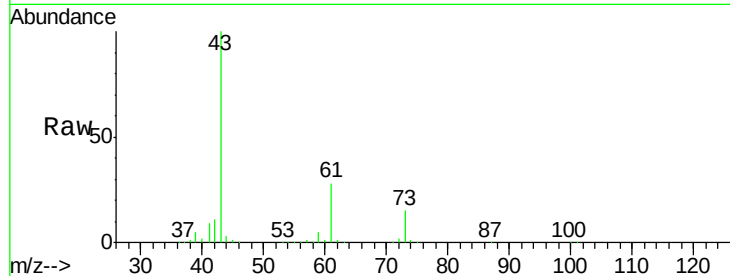




#45
 1,2-Dichloropropane
 Concen: 0.241 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN054040.D
 Acq: 1 Mar 2019 20:08

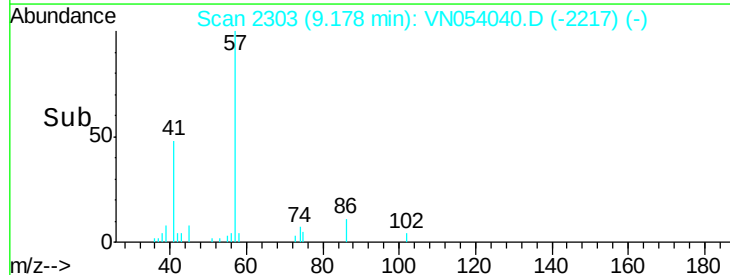
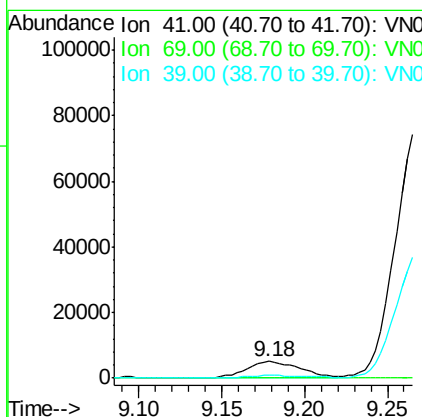
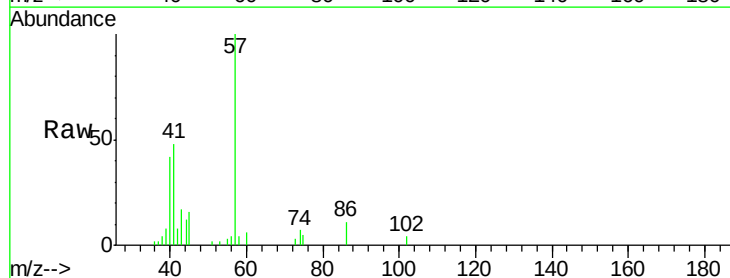
Instrument :
 MSVOA_N
 ClientSampled :
 200029

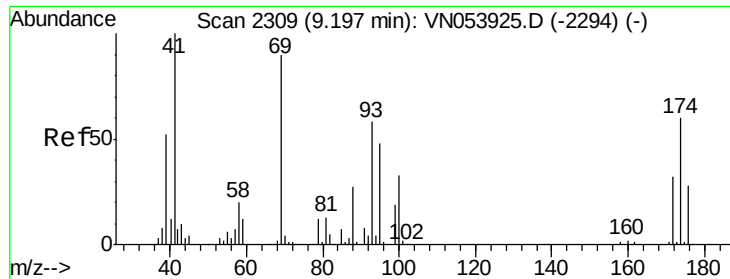
Tot Ion: 63 Resp: 2164
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.3 36.5#



#48
 Methyl methacrylate
 Concen: 1.813 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN054040.D
 Acq: 1 Mar 2019 20:08

Tgt Ion: 41 Resp: 10906
 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: 0.393 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.08 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

Instrument :

MSVOA_N

ClientSampled :

200029

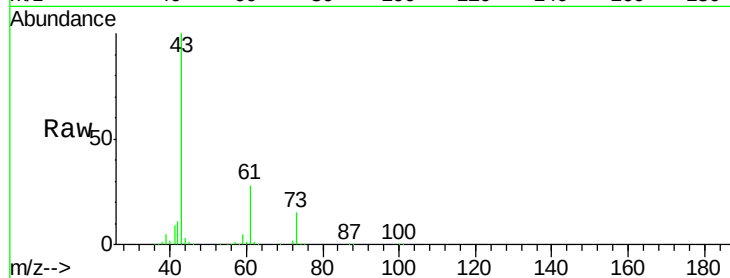
Tot Ion: 88 Resp: 32

Ion Ratio Lower Upper

88 100

43 5373300.0 21.2 31.8#

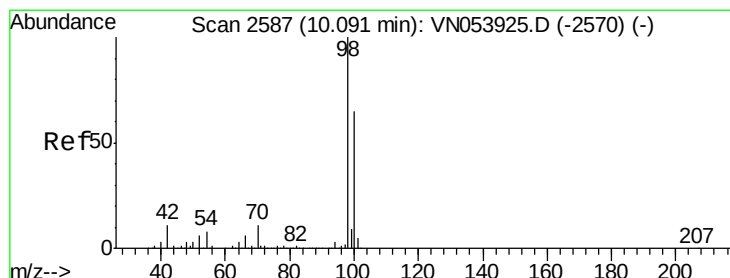
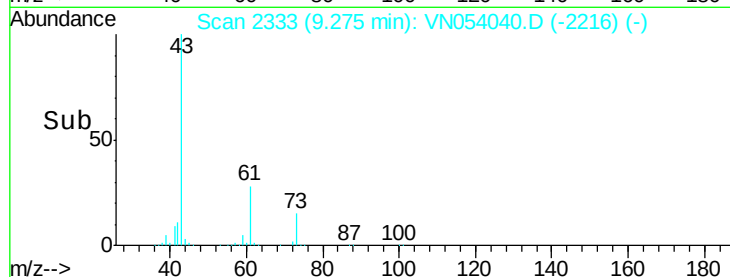
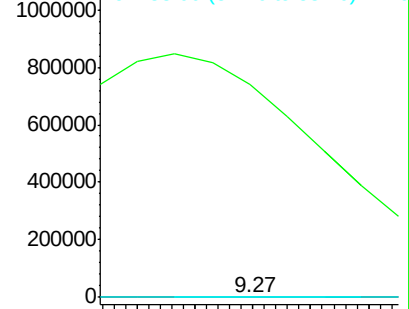
58 25806.3 54.2 81.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 52.469 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054040.D

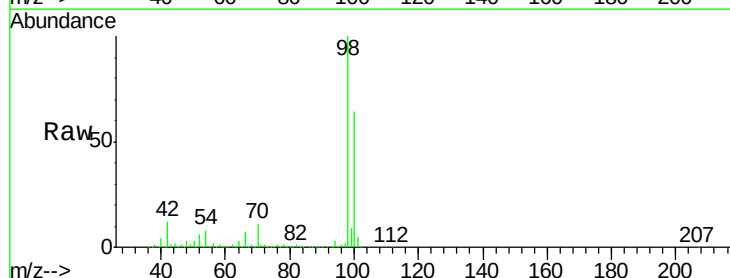
Acq: 1 Mar 2019 20:08

Tgt Ion: 98 Resp: 1473056

Ion Ratio Lower Upper

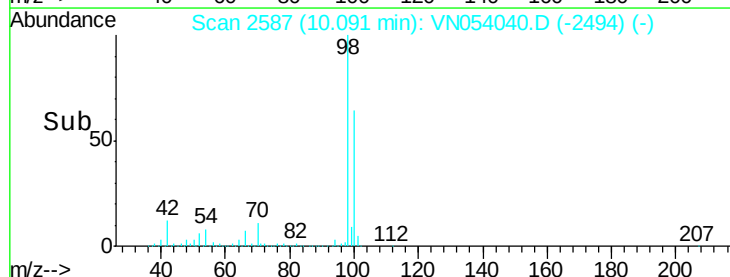
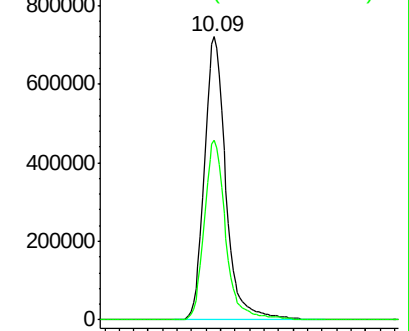
98 100

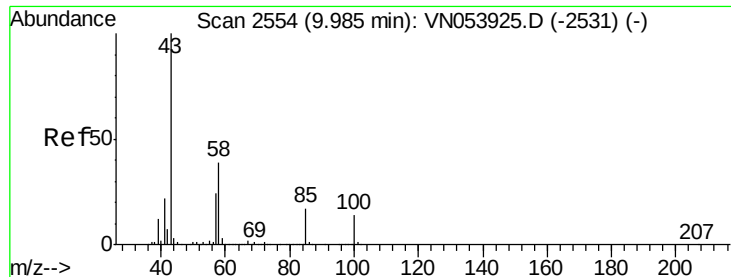
100 63.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

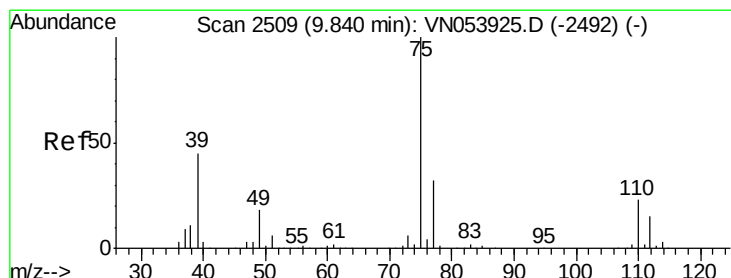
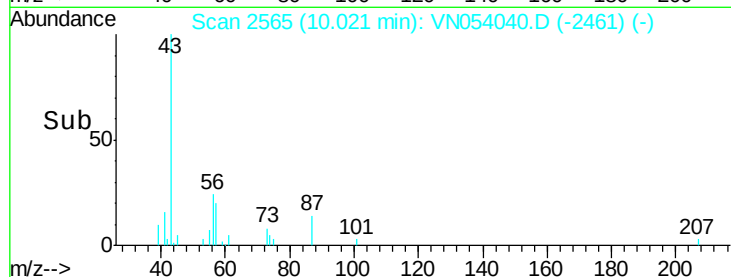
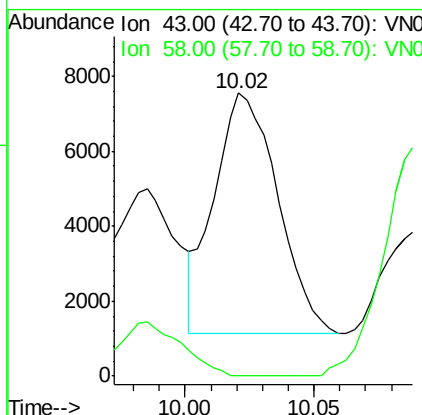
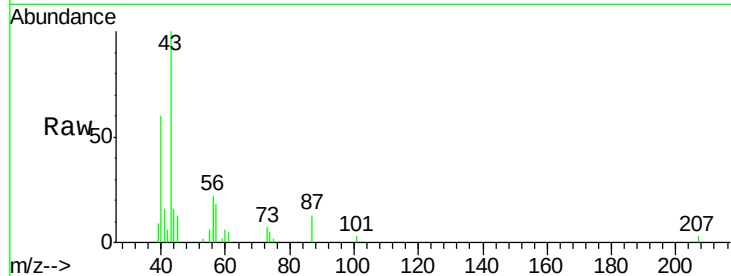




#51
 4-Methyl-2-Pentanone
 Concen: 1.638 ug/l
 RT: 10.02 min Scan# 2565
 Delta R.T. 0.04 min
 Lab File: VN054040.D
 Acq: 1 Mar 2019 20:08

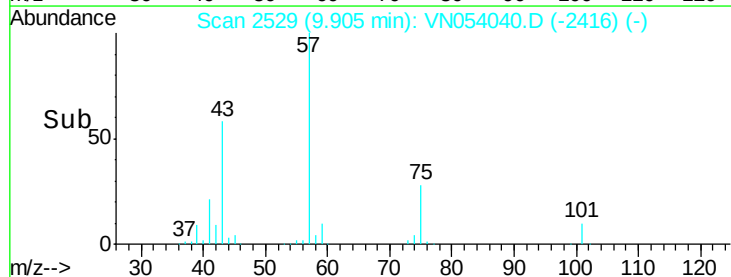
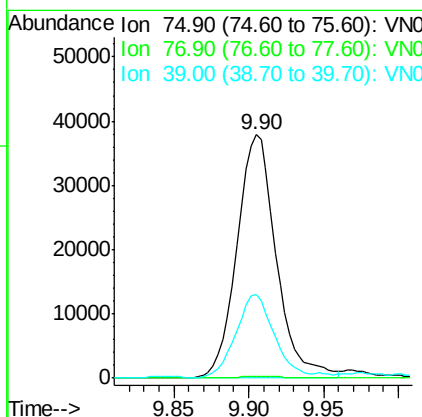
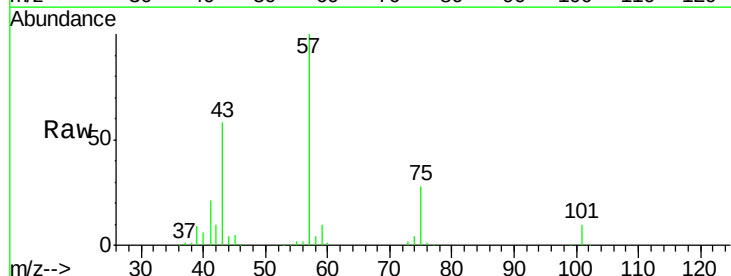
Instrument :
 MSVOA_N
 ClientSampled :
 200029

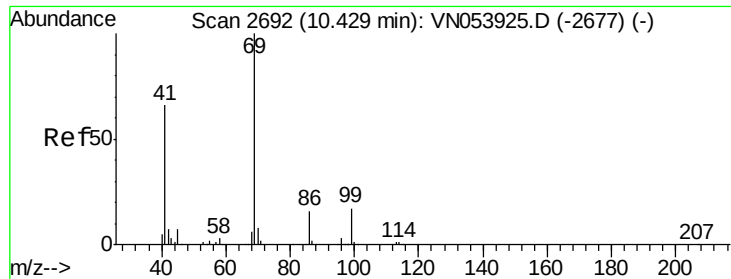
Tot Ion: 43 Resp: 11007
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.7 49.1#



#54
 cis-1,3-Dichloropropene
 Concen: 5.502 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN054040.D
 Acq: 1 Mar 2019 20:08

Tgt Ion: 75 Resp: 69413
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.8 38.6#
 39 34.2 31.4 47.0





#56

Ethyl methacrylate

Concen: 2.096 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

Instrument :

MSVOA_N

ClientSampled :

200029

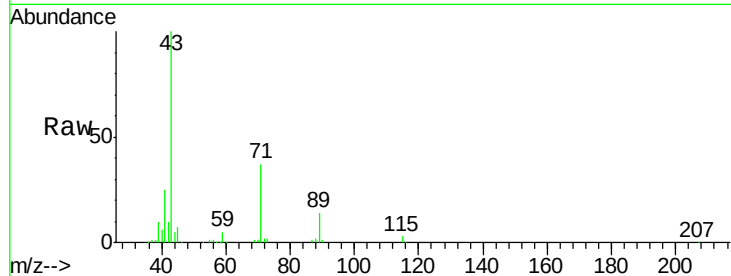
Tot Ion: 69 Resp: 1409

Ion Ratio Lower Upper

69 100

41 4063.1 47.5 71.3#

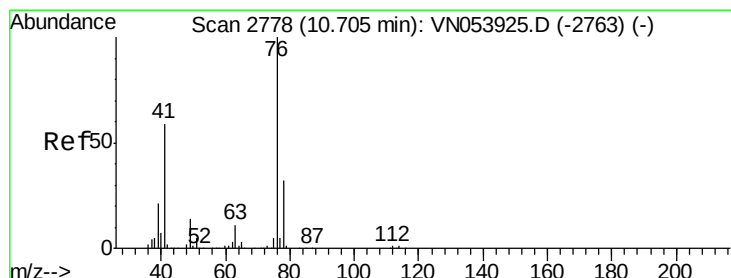
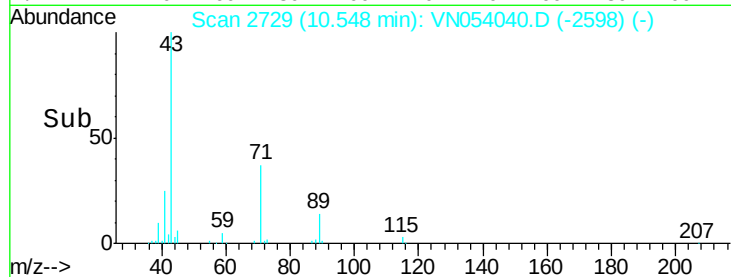
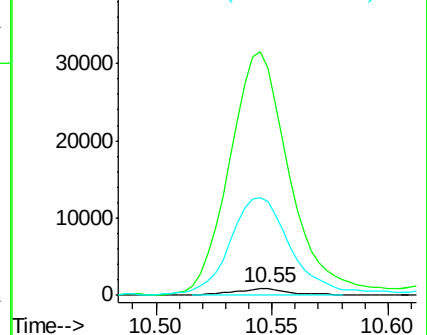
39 1678.2 23.4 35.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.094 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054040.D

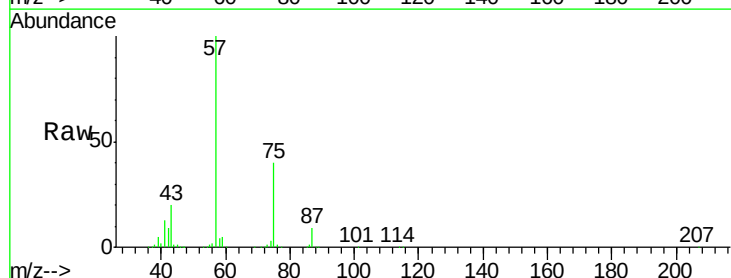
Acq: 1 Mar 2019 20:08

Tgt Ion: 76 Resp: 13548

Ion Ratio Lower Upper

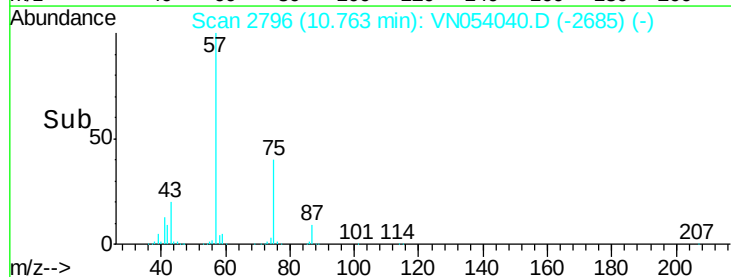
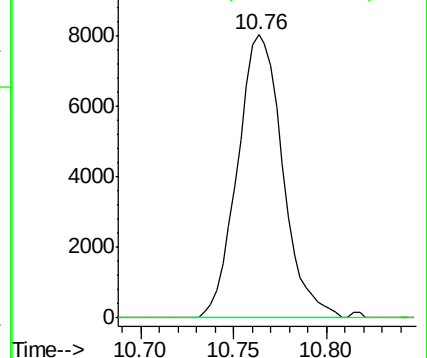
76 100

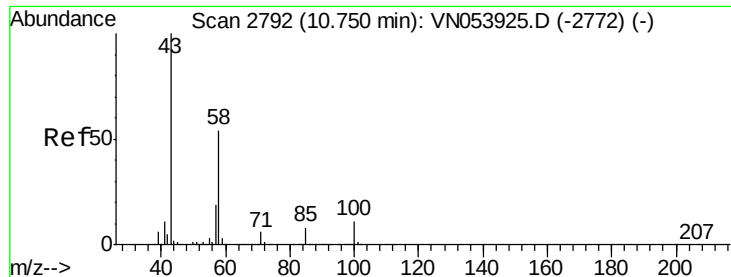
78 0.0 25.2 37.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 45.737 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

Instrument :

MSVOA_N

ClientSampled :

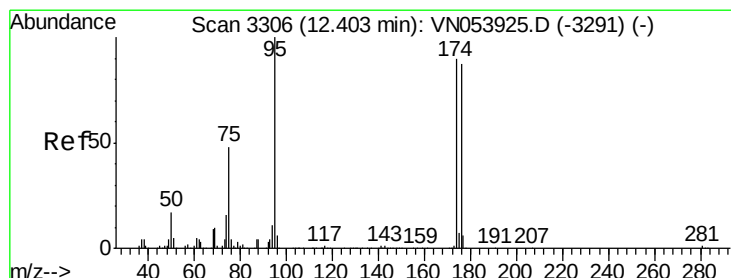
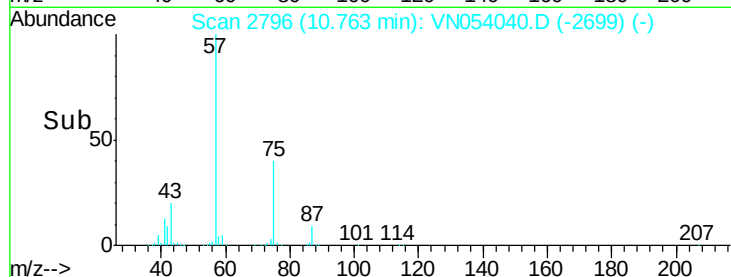
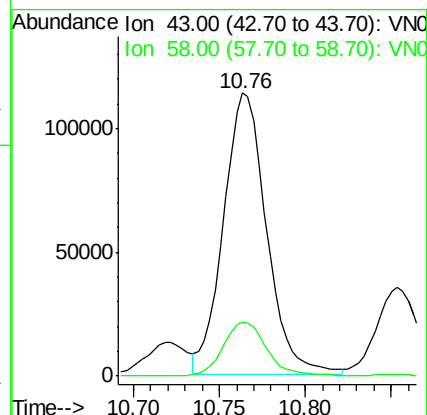
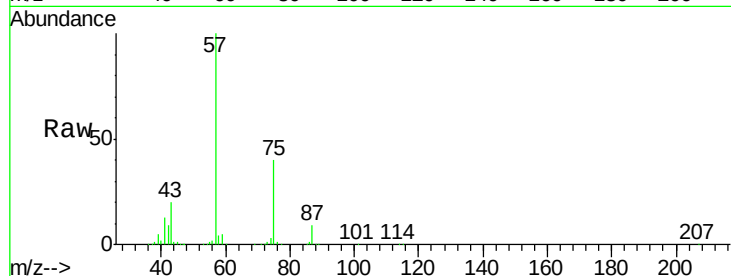
200029

Tot Ion: 43 Resp: 199873

Ion Ratio Lower Upper

43 100

58 19.6 29.1 87.4#



#62

4-Bromofluorobenzene

Concen: 52.915 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

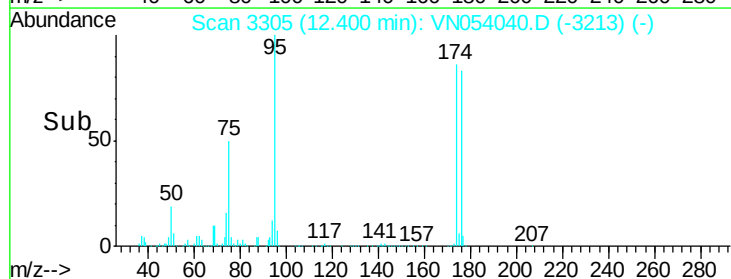
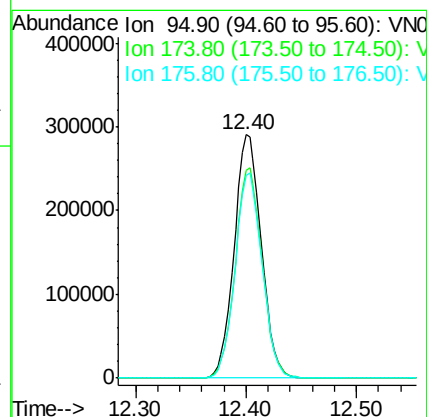
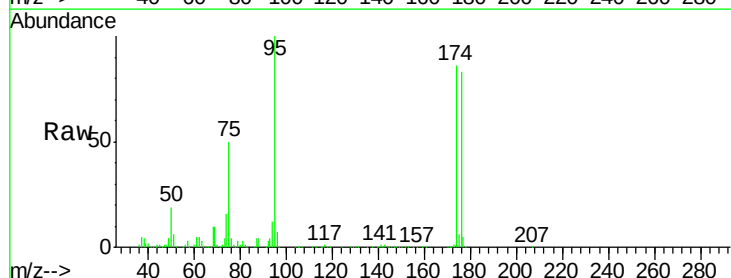
Tgt Ion: 95 Resp: 494956

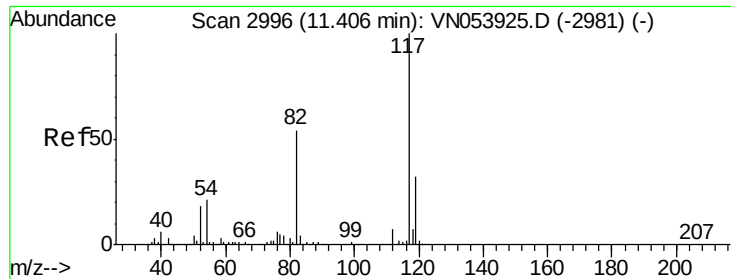
Ion Ratio Lower Upper

95 100

174 85.8 0.0 188.8

176 84.0 0.0 182.6

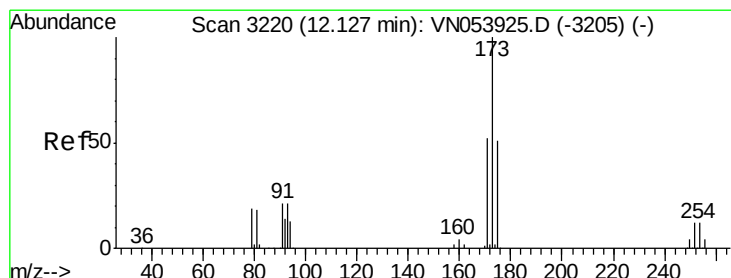
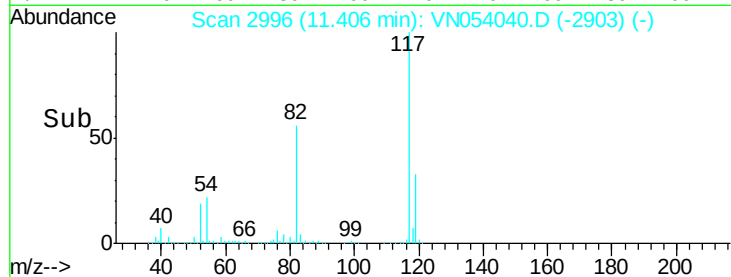
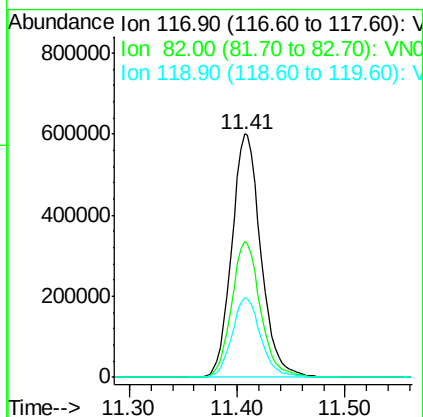
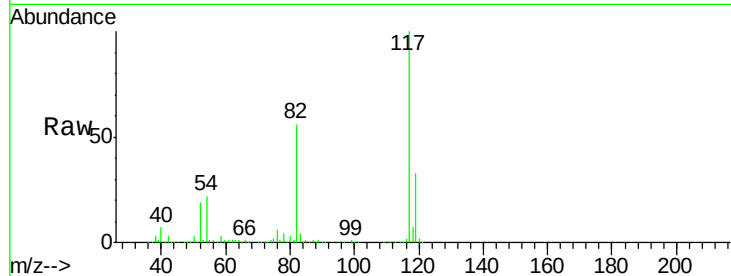




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054040.D
Acq: 1 Mar 2019 20:08

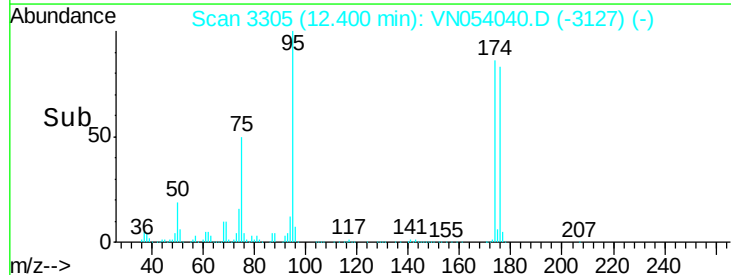
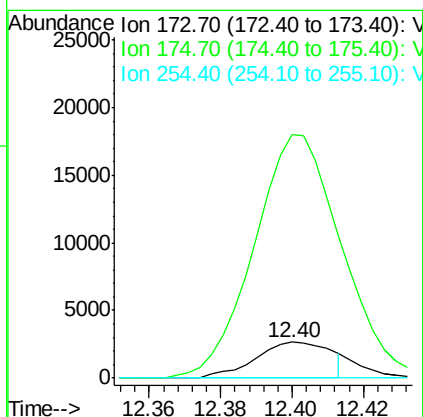
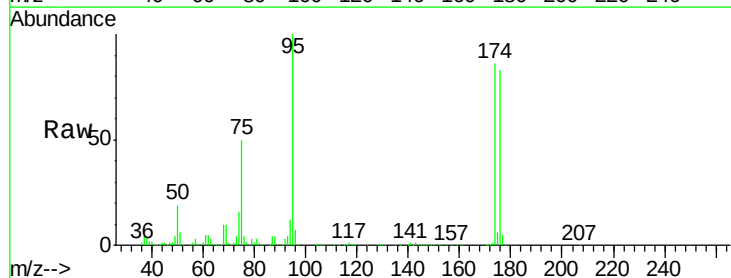
Instrument :
MSVOA_N
ClientSampled :
200029

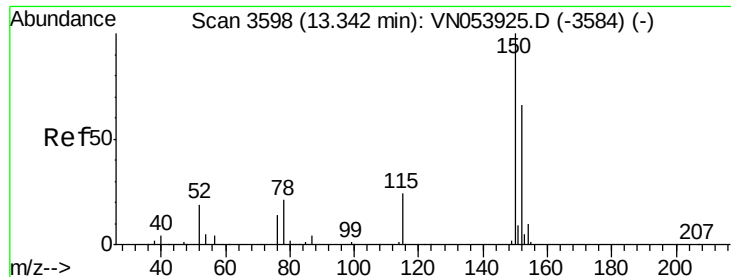
Tot Ion:117 Resp: 1130566
Ion Ratio Lower Upper
117 100
82 55.7 41.4 62.2
119 32.6 25.3 37.9



#71
Bromoform
Concen: 0.651 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054040.D
Acq: 1 Mar 2019 20:08

Tgt Ion:173 Resp: 3893
Ion Ratio Lower Upper
173 100
175 674.7 24.3 72.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

200029

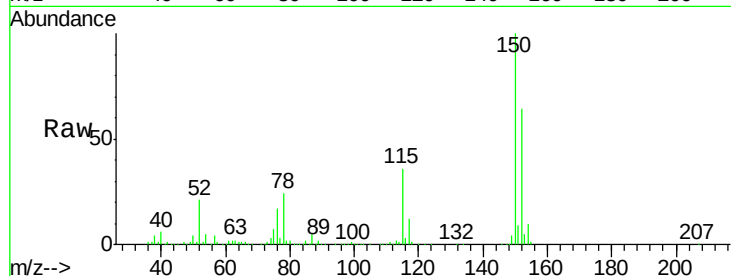
Tot Ion:152 Resp: 415171

Ion Ratio Lower Upper

152 100

115 57.0 27.2 81.6

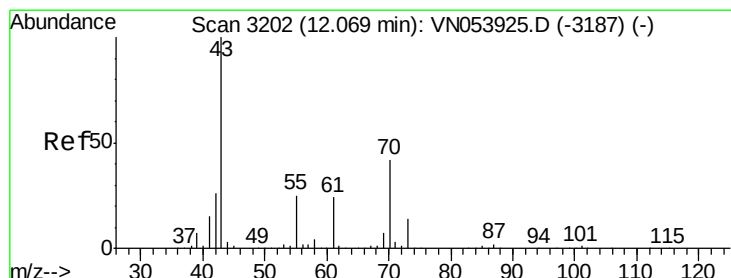
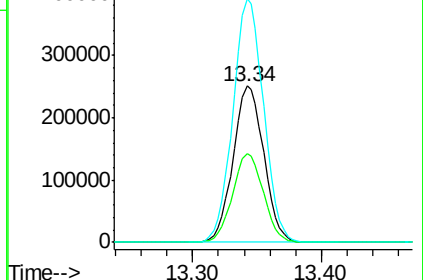
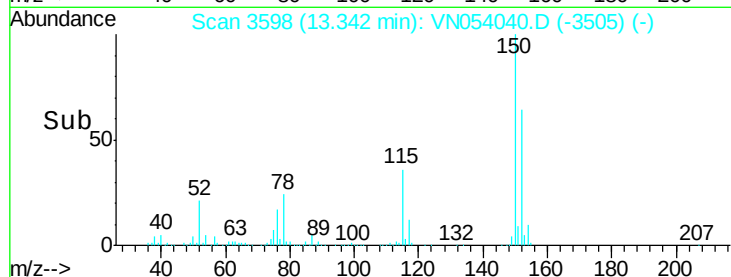
150 155.3 0.0 348.2



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: 2.297 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

Tgt Ion: 43 Resp: 19453

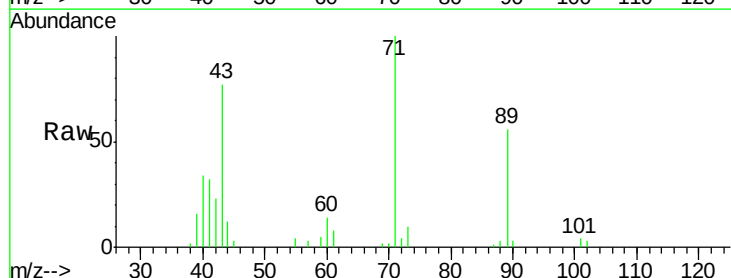
Ion Ratio Lower Upper

43 100

70 1.8 37.4 56.2#

55 4.9 21.4 32.0#

61 9.8 20.9 31.3#

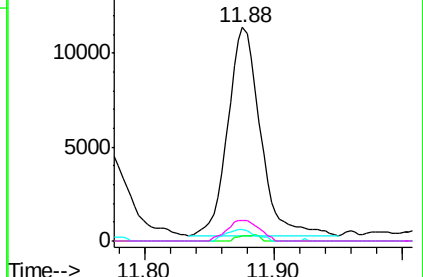
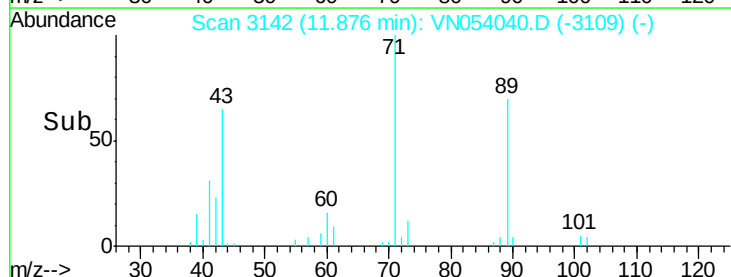


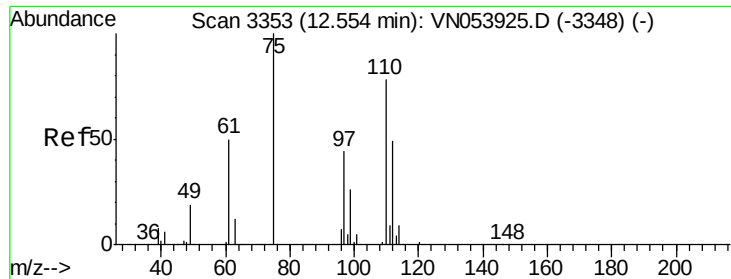
Abundance Ion 43.00 (42.70 to 43.70): V

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: 36.145 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

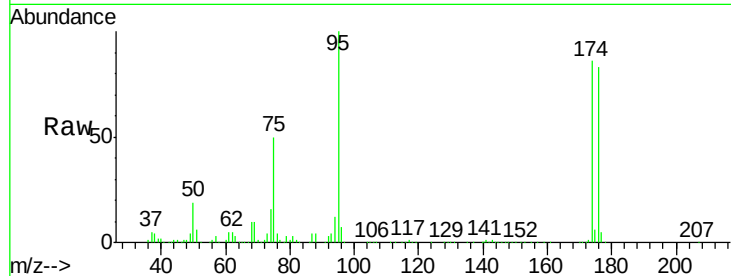
200029

Tot Ion: 75 Resp: 240728

Ion Ratio Lower Upper

75 100

77 1.4 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

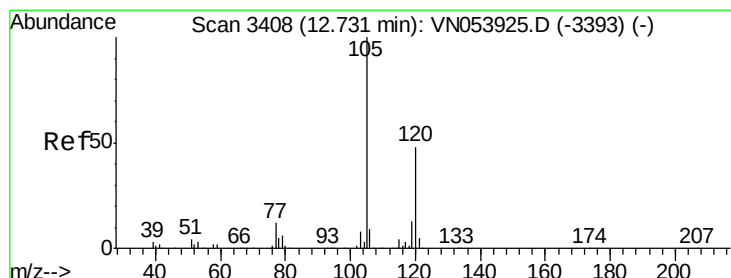
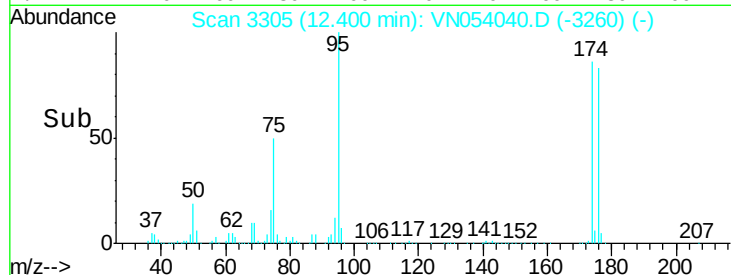
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.306 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054040.D

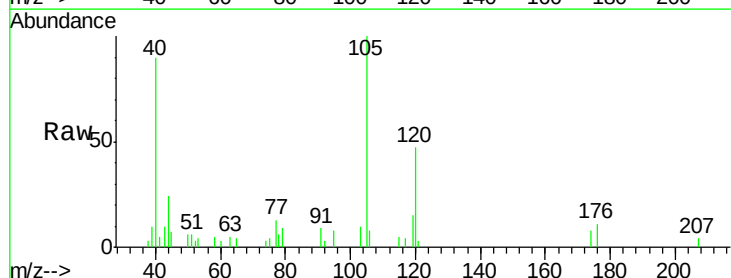
Acq: 1 Mar 2019 20:08

Tgt Ion:105 Resp: 8101

Ion Ratio Lower Upper

105 100

120 49.2 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

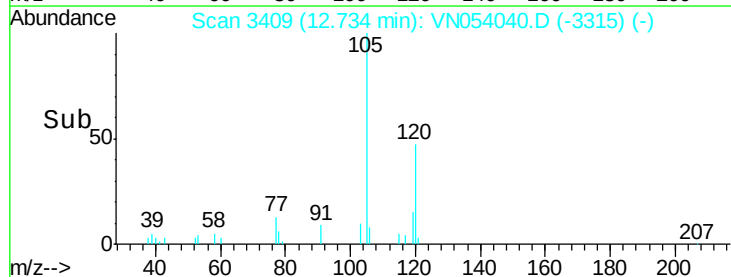
3000

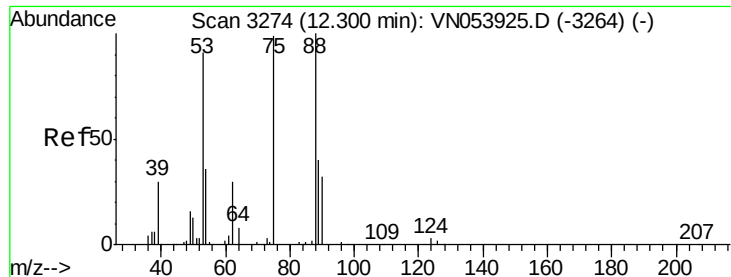
2000

1000

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 114.241 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

Instrument :

MSVOA_N

ClientSampled :

200029

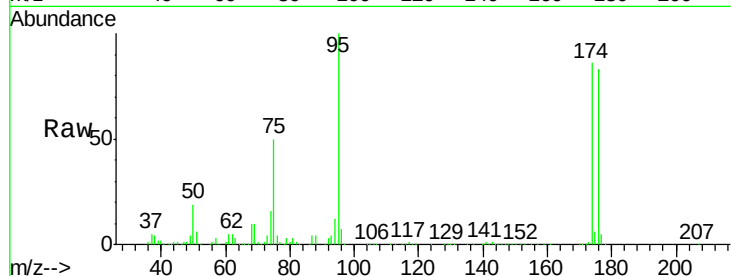
Tot Ion: 75 Resp: 240728

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

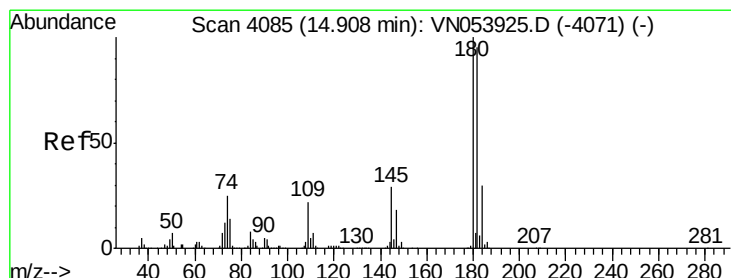
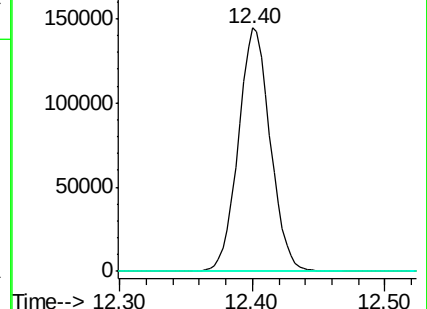
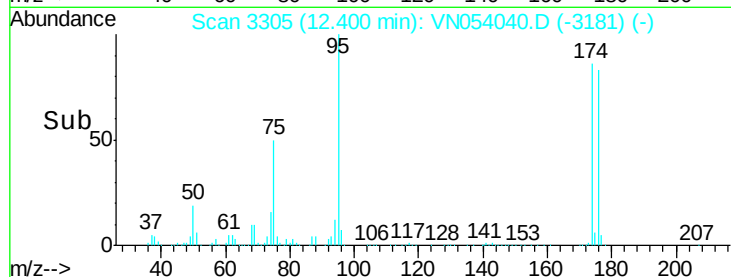
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN054040.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN054040.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN054040.D (-3181) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.241 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

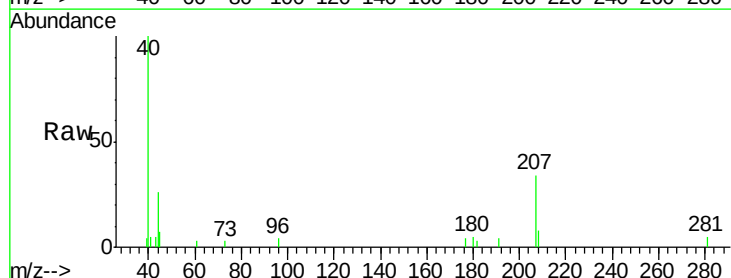
Tgt Ion: 180 Resp: 149

Ion Ratio Lower Upper

180 100

182 130.2 48.6 145.9

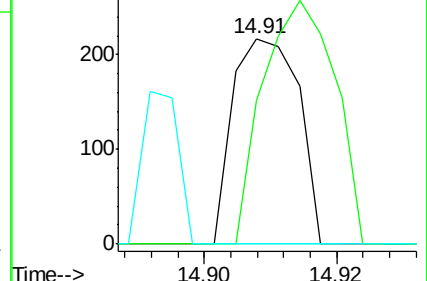
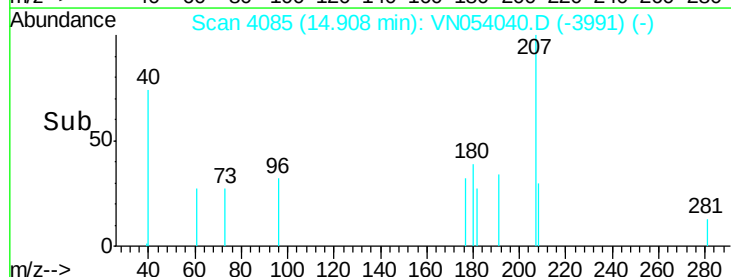
145 0.0 13.8 41.3#

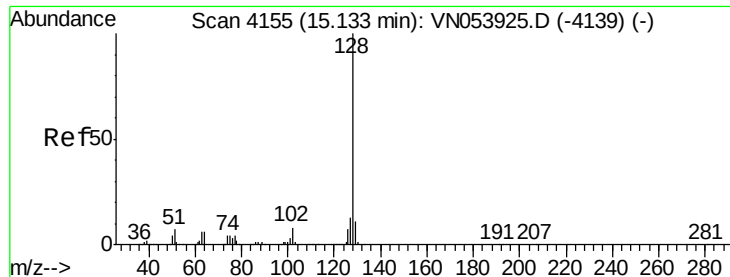


Abundance Ion 179.80 (179.50 to 180.50): VN054040.D (-3991) (-)

Ion 181.80 (181.50 to 182.50): VN054040.D (-3991) (-)

Ion 144.80 (144.50 to 145.50): VN054040.D (-3991) (-)





#95

Naphthalene

Concen: 3.803 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

200029

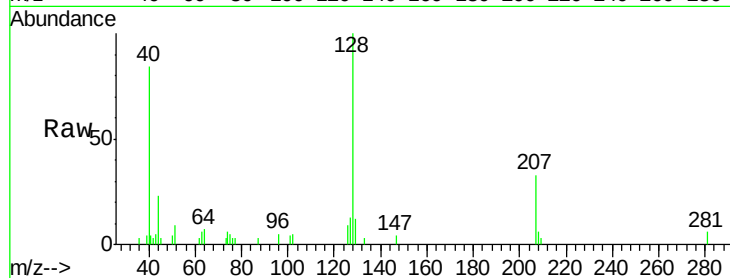
Tot Ion:128 Resp: 10385

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.2

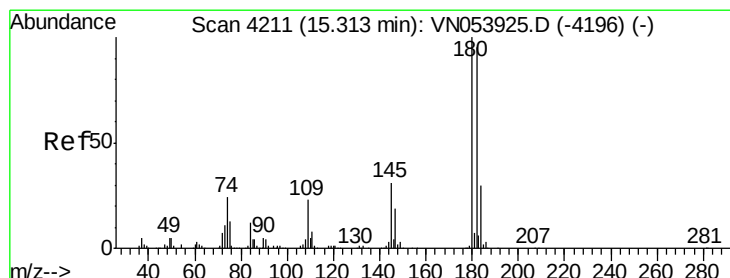
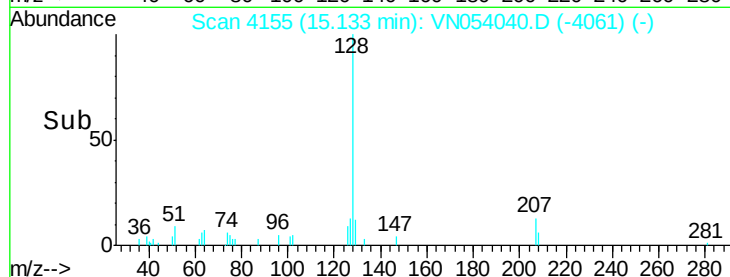
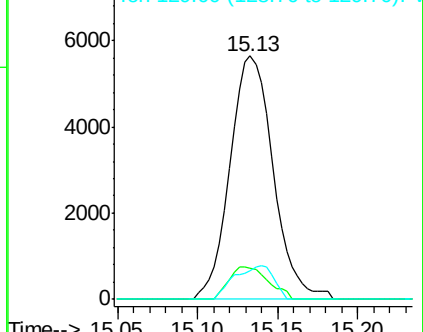
129 12.5 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 1.588 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN054040.D

Acq: 1 Mar 2019 20:08

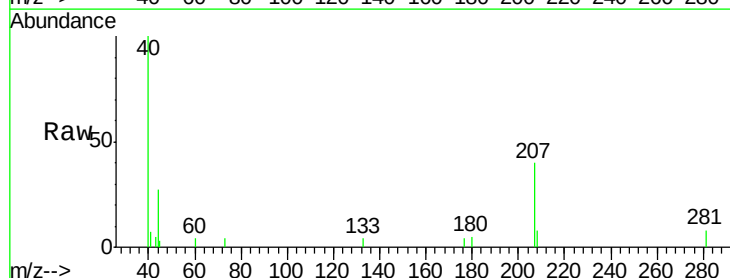
Tgt Ion:180 Resp: 230

Ion Ratio Lower Upper

180 100

182 27.4 47.3 141.8#

145 30.4 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

