

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030519\
 Data File : VN054094.D
 Acq On : 5 Mar 2019 13:00
 Operator : JC/SP
 Sample : K1727-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK

Quant Time: Mar 06 02:19:00 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	583072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1074314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1044583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	369535	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	372775	54.54	ug/l	0.00
Spiked Amount			Recovery	=	109.08%	
35) Dibromofluoromethane	7.59	113	347919	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
50) Toluene-d8	10.09	98	1356726	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.40	95	446098	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	

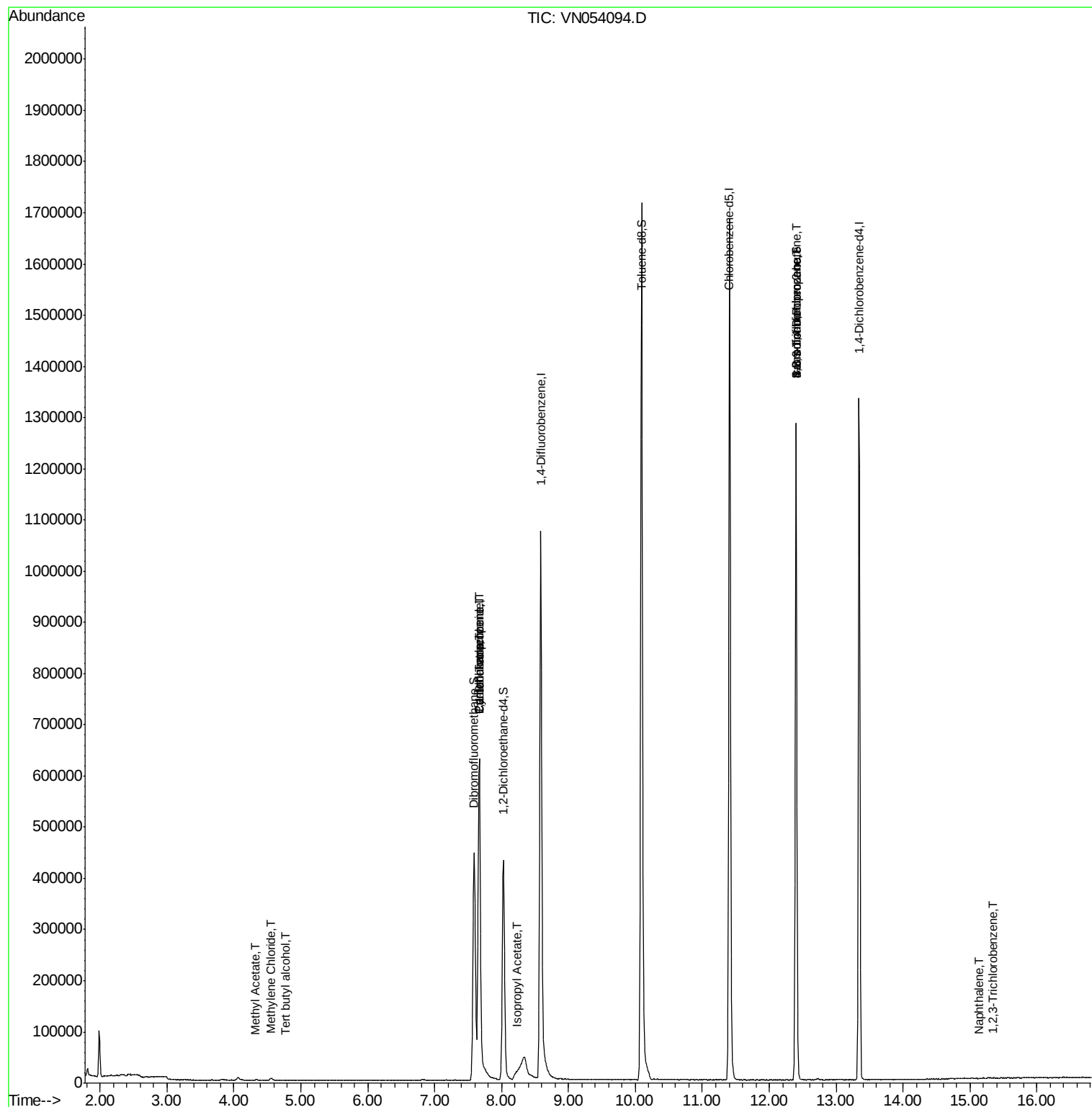
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	93	0.215	ug/l #	73
16) Acetone	3.82	43	3331	Below Cal		93
18) Methyl Acetate	4.33	43	1451	0.304	ug/l #	82
20) Methylene Chloride	4.55	84	3196	0.472	ug/l #	85
31) Cyclohexane	7.67	56	9779	0.489	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	38599	3.863	ug/l #	48
38) Carbon Tetrachloride	7.67	117	50469	4.857	ug/l #	17
43) Isopropyl Acetate	8.22	43	14248	1.183	ug/l #	58
71) Bromoform	12.40	173	3639	0.658	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	216061	36.448	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	216061	115.197	ug/l #	15
95) Naphthalene	15.14	128	183	3.224	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.33	180	144	1.579	ug/l #	13

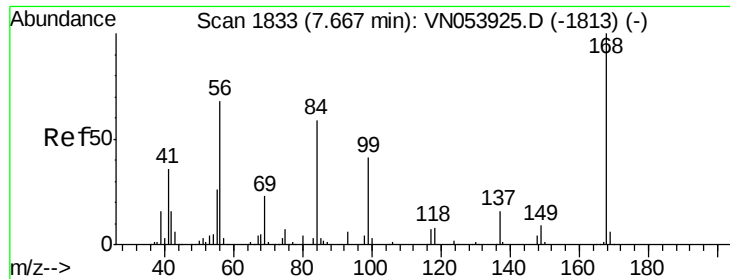
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN030519\
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Quant Time: Mar 06 02:19:00 2019
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Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054094.D

Acq: 5 Mar 2019 13:00

Instrument :

MSVOA_N

ClientSampled :

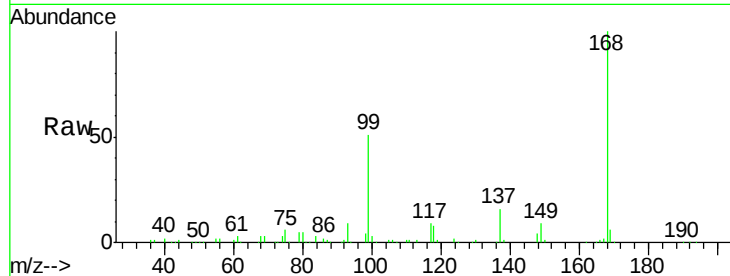
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Tot Ion:168 Resp: 583072

Ion Ratio Lower Upper

168 100

99 51.0 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

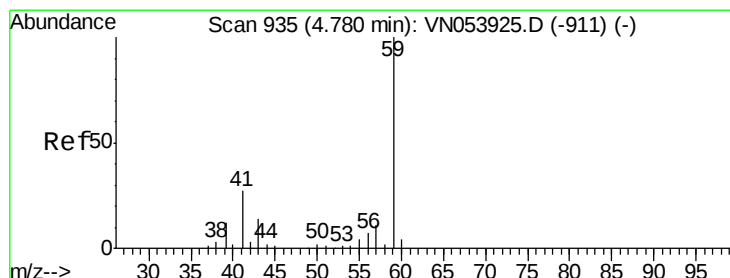
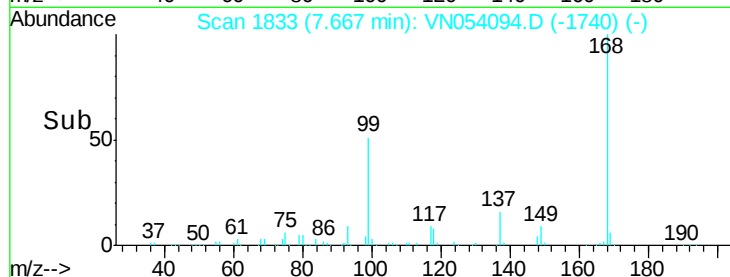
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.215 ug/l

RT: 4.77 min Scan# 931

Delta R.T. -0.01 min

Lab File: VN054094.D

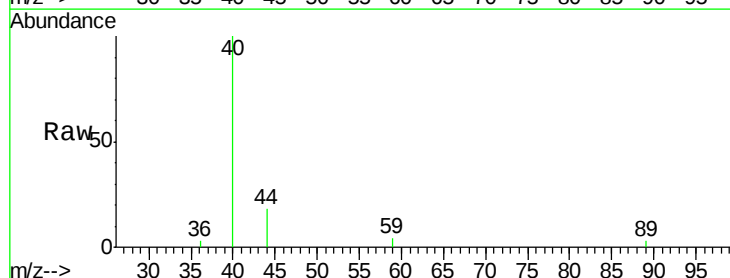
Acq: 5 Mar 2019 13:00

Tgt Ion: 59 Resp: 93

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

4.77

200

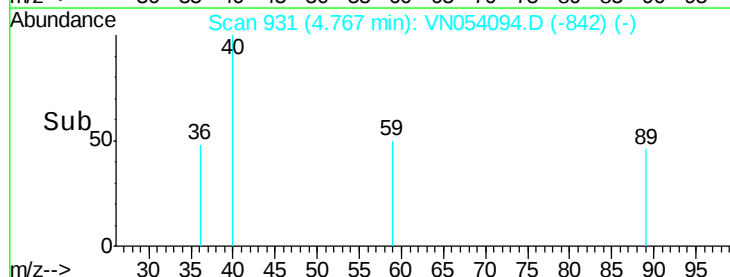
150

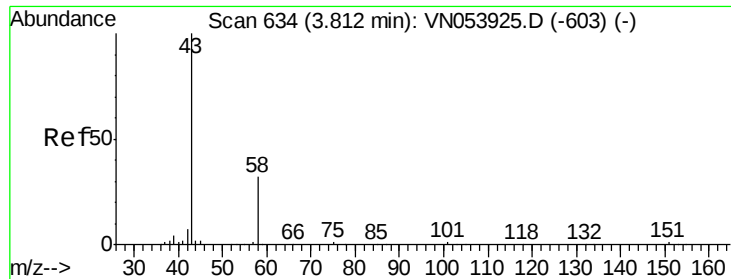
100

50

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN054094.D

Acq: 5 Mar 2019 13:00

Instrument :

MSVOA_N

ClientSampled :

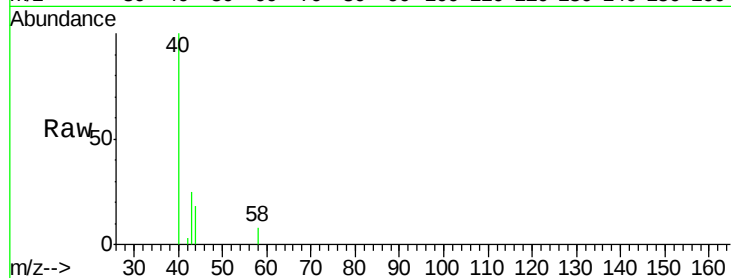
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Tot Ion: 43 Resp: 3331

Ion Ratio Lower Upper

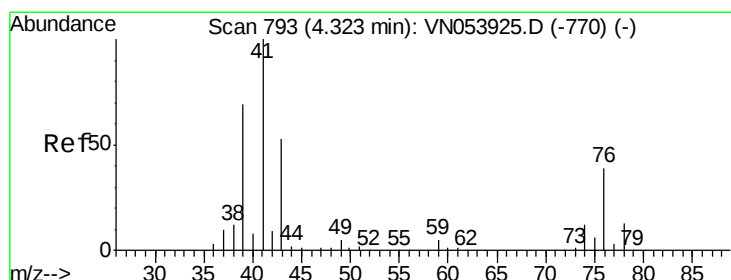
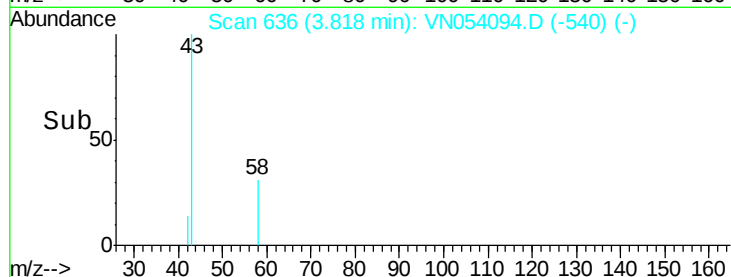
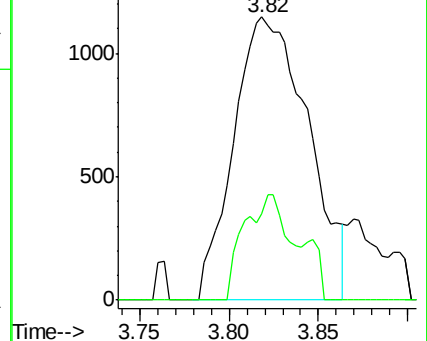
43 100

58 30.7 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.304 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN054094.D

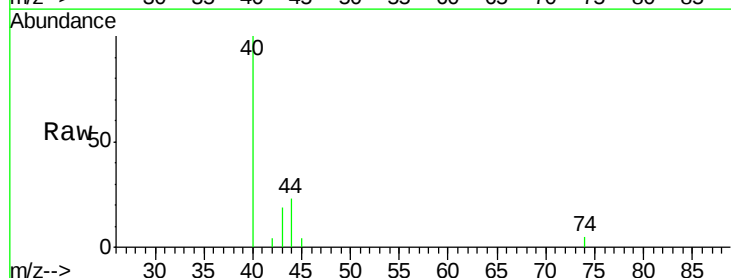
Acq: 5 Mar 2019 13:00

Tgt Ion: 43 Resp: 1451

Ion Ratio Lower Upper

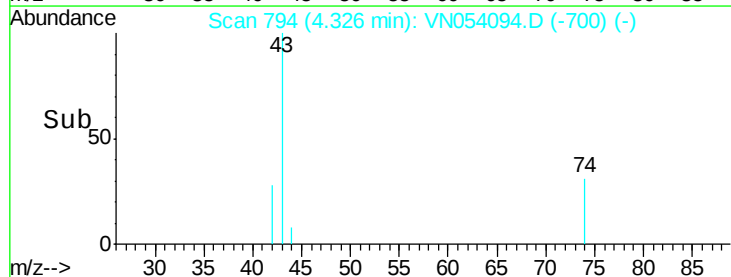
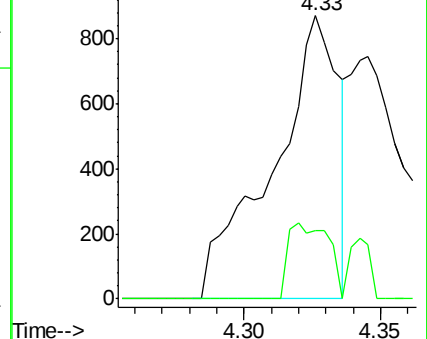
43 100

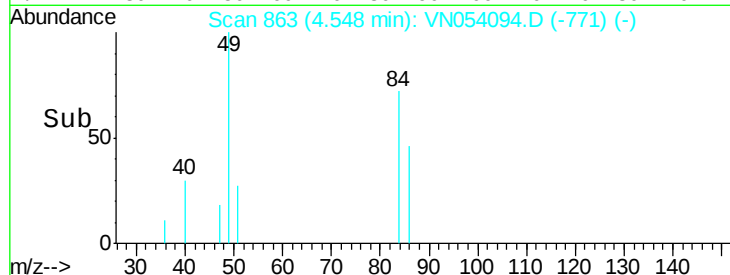
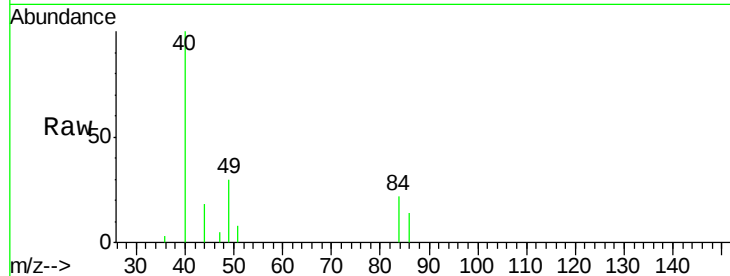
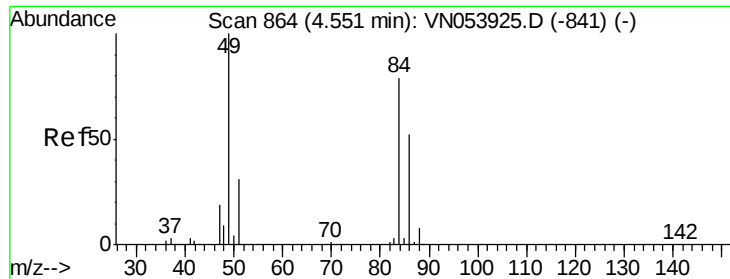
74 16.4 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

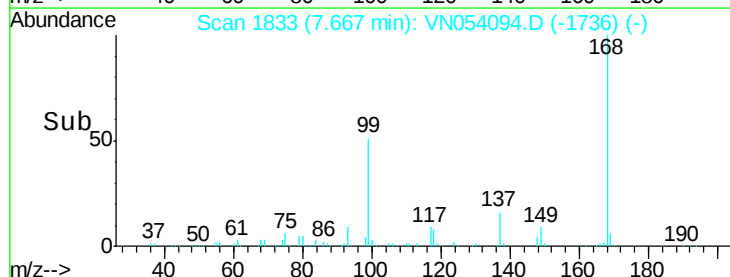
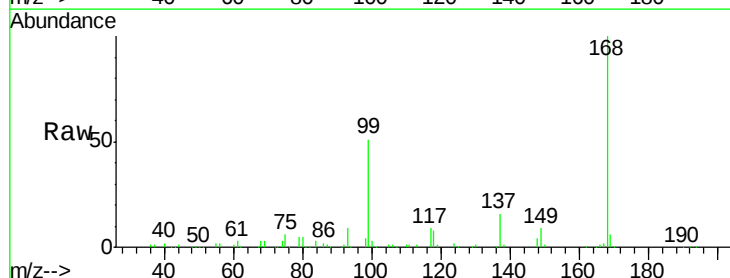
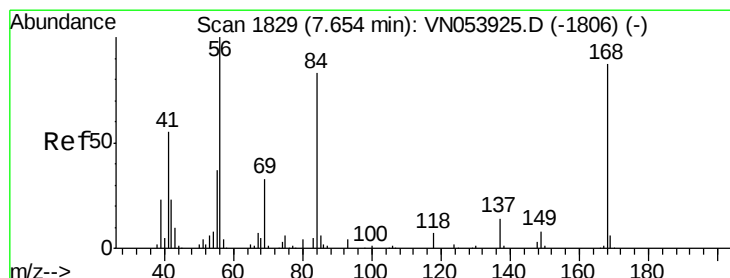
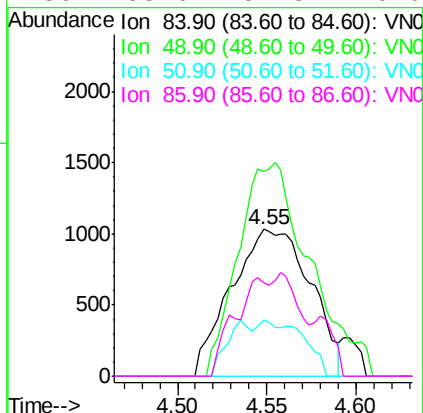




#20
Methylene Chloride
Concen: 0.472 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054094.D
Acq: 5 Mar 2019 13:00

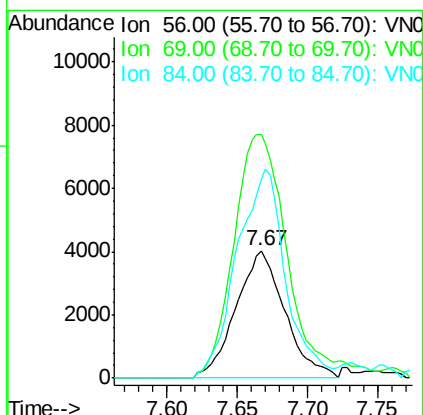
Instrument :
MSVOA_N
ClientSampled :
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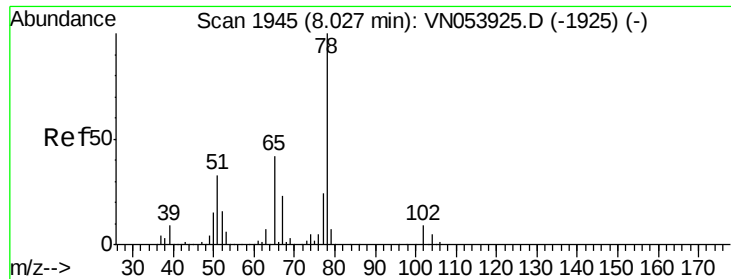
Tot Ion: 84 Resp: 3196
Ion Ratio Lower Upper
84 100
49 139.4 89.7 134.5#
51 38.3 27.8 41.8
86 63.6 51.3 76.9



#31
Cyclohexane
Concen: 0.489 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN054094.D
Acq: 5 Mar 2019 13:00

Tgt Ion: 56 Resp: 9779
Ion Ratio Lower Upper
56 100
69 191.0 26.0 39.0#
84 155.8 69.1 103.7#





#33

1,2-Dichloroethane-d4

Concen: 54.540 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054094.D

Acq: 5 Mar 2019 13:00

Instrument :

MSVOA_N

ClientSampleId :

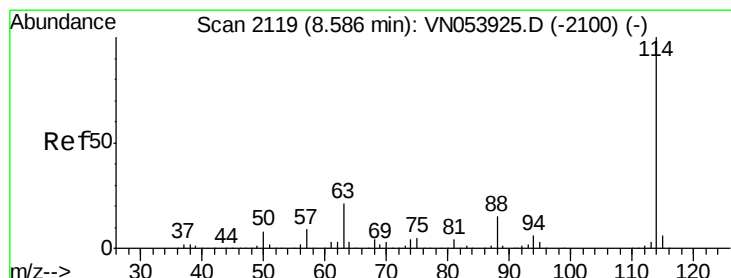
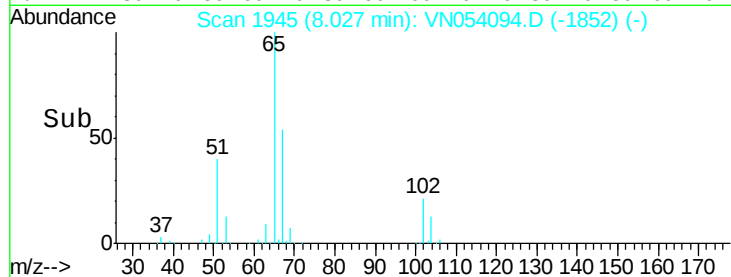
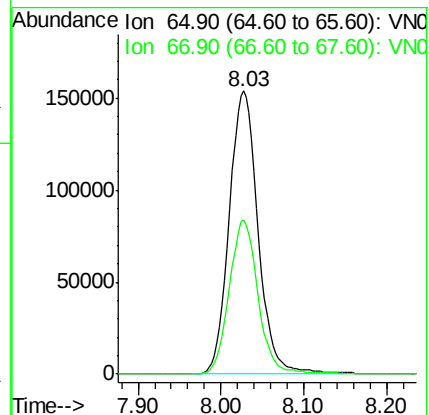
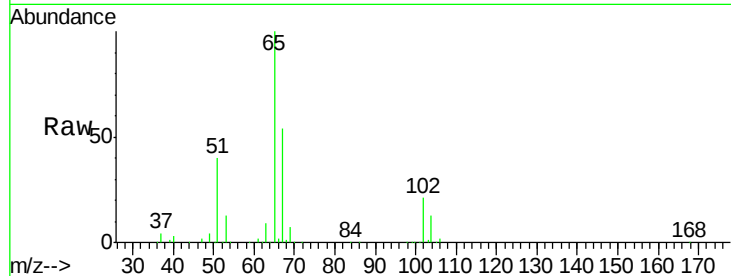
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Tot Ion: 65 Resp: 372775

Ion Ratio Lower Upper

65 100

67 54.2 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: VN054094.D

Acq: 5 Mar 2019 13:00

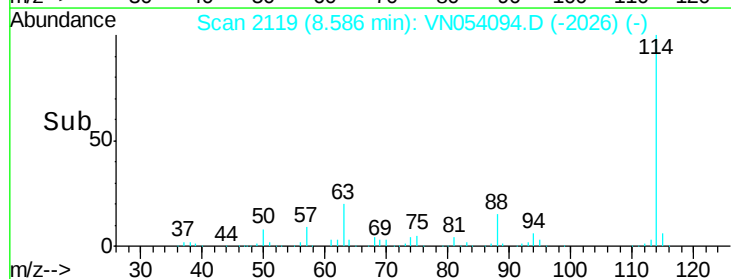
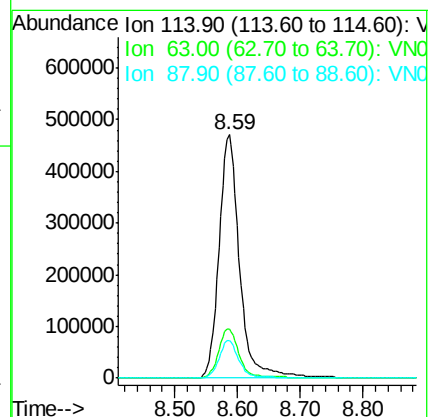
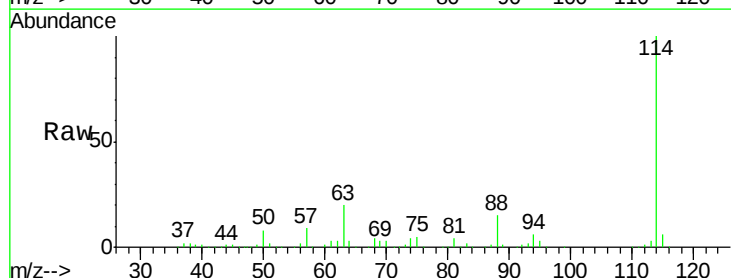
Tgt Ion: 114 Resp: 1074314

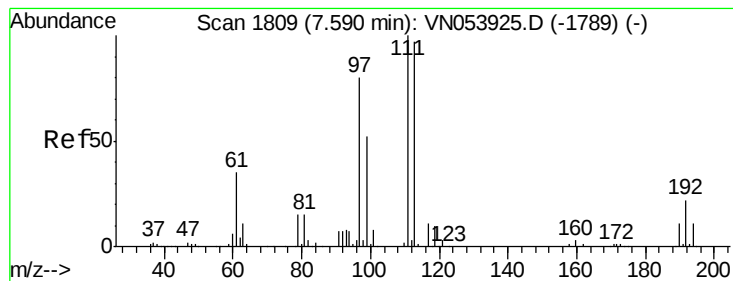
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.081 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054094.D

Acq: 5 Mar 2019 13:00

Instrument :

MSVOA_N

ClientSampled :

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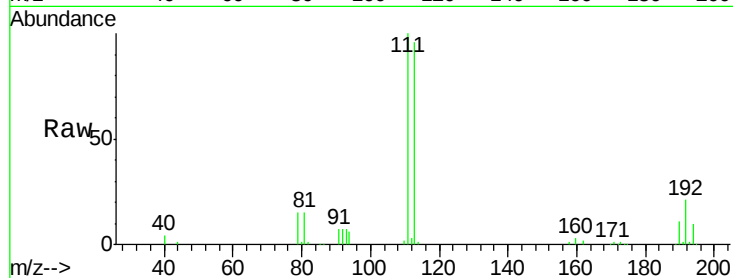
Tot Ion:113 Resp: 347919

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

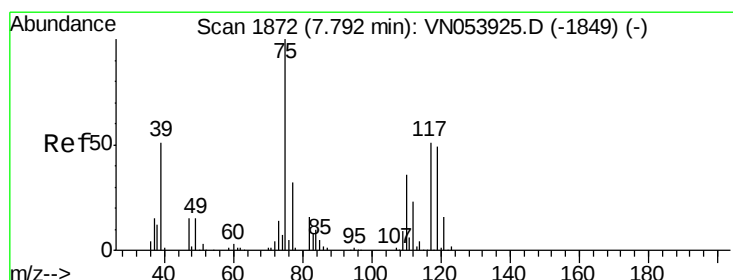
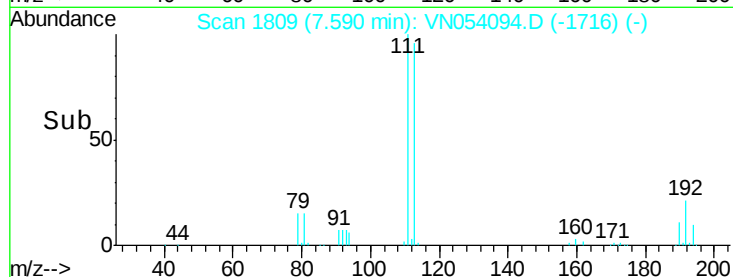
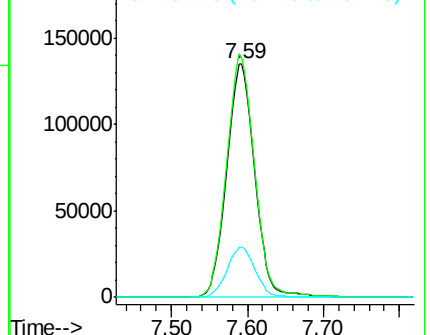
192 21.7 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.863 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN054094.D

Acq: 5 Mar 2019 13:00

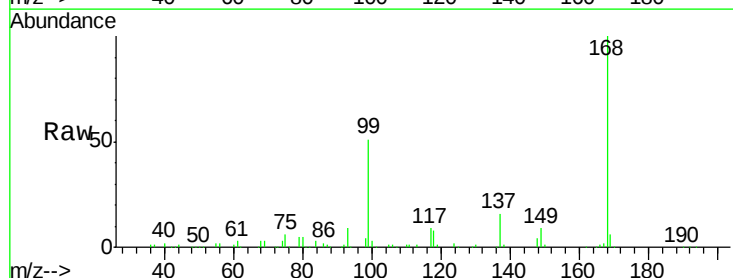
Tgt Ion: 75 Resp: 38599

Ion Ratio Lower Upper

75 100

110 8.8 19.0 57.0#

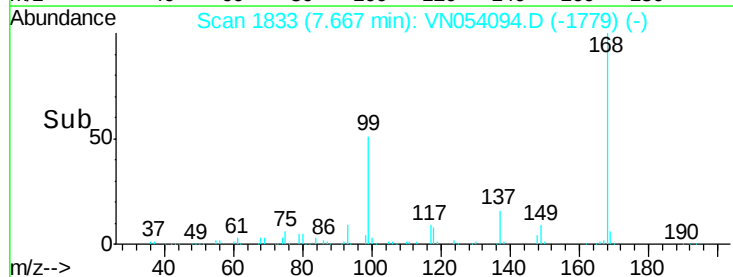
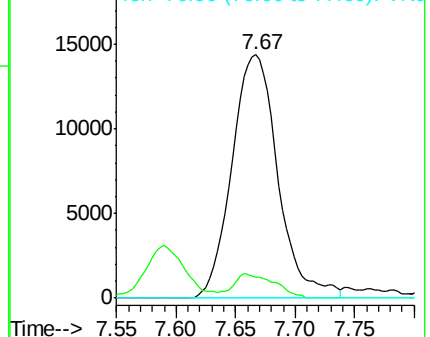
77 0.0 25.4 38.0#

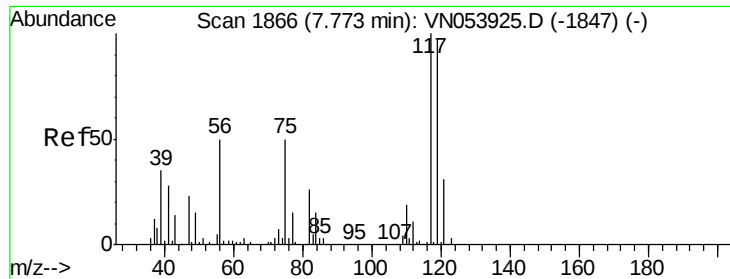


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#38

Carbon Tetrachloride

Concen: 4.857 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054094.D

Acq: 5 Mar 2019 13:00

Instrument :

MSVOA_N

ClientSampled :

FIELD-BLANK

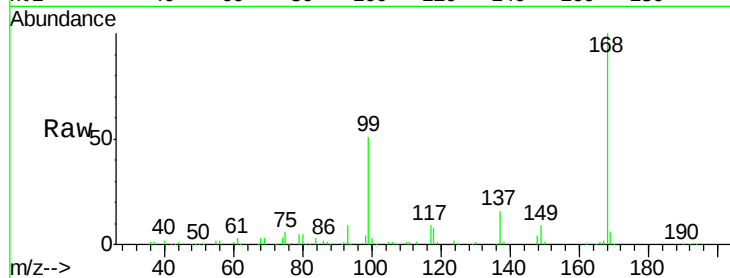
Tot Ion:117 Resp: 50469

Ion Ratio Lower Upper

117 100

119 5.9 76.2 114.2#

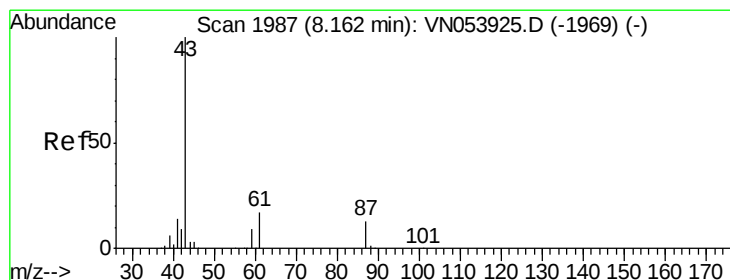
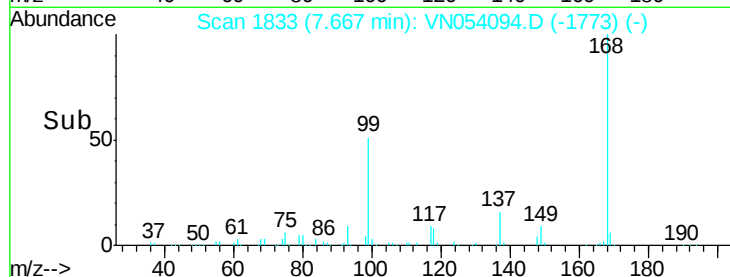
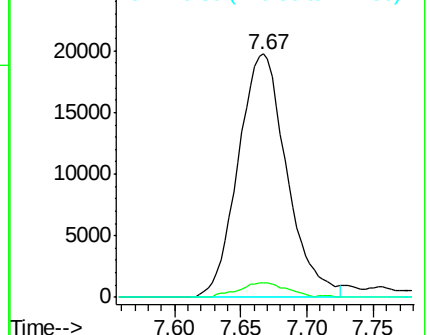
121 0.0 24.6 36.8#



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: 1.183 ug/l

RT: 8.22 min Scan# 2006

Delta R.T. 0.06 min

Lab File: VN054094.D

Acq: 5 Mar 2019 13:00

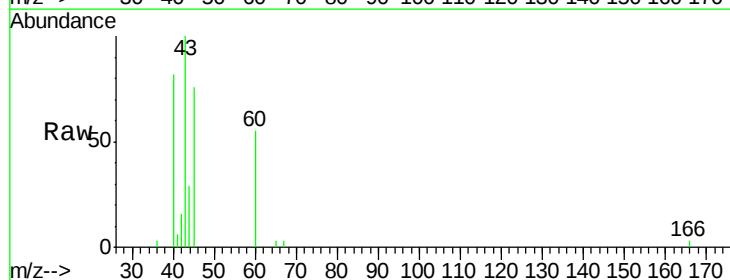
Tgt Ion: 43 Resp: 14248

Ion Ratio Lower Upper

43 100

61 0.0 17.4 26.0#

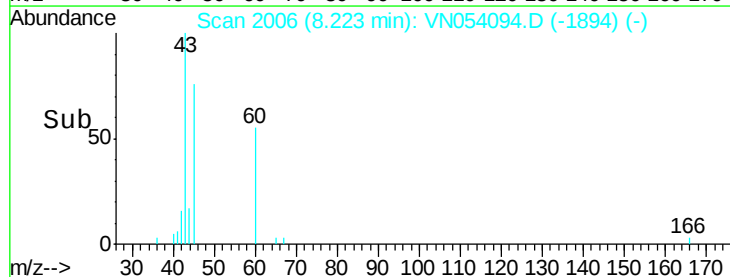
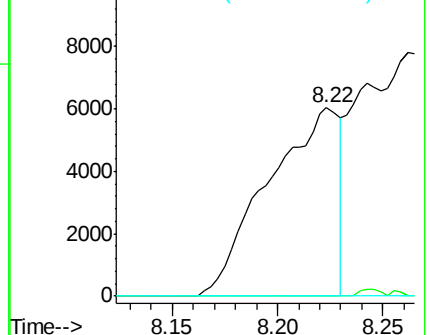
87 0.0 11.5 17.3#

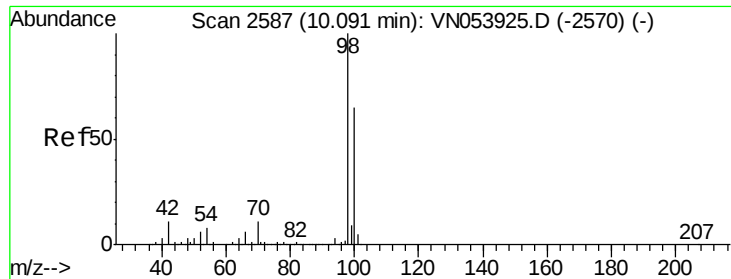


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 52.462 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054094.D

Acq: 5 Mar 2019 13:00

Instrument :

MSVOA_N

ClientSampleId :

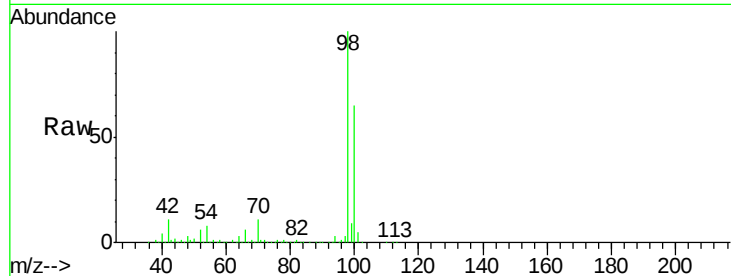
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Tot Ion: 98 Resp: 1356726

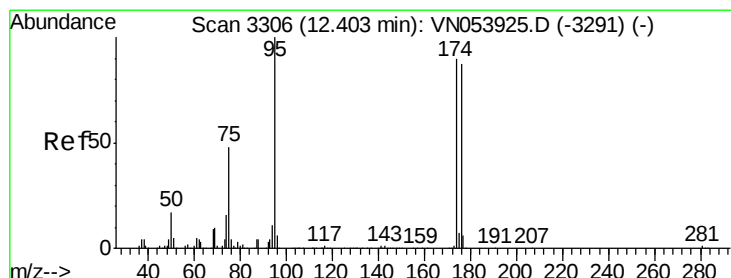
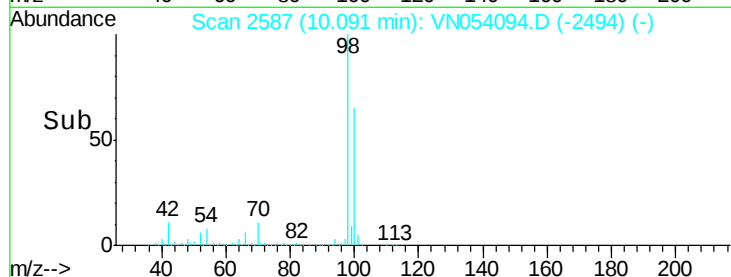
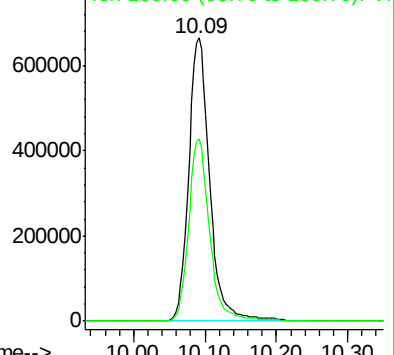
Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



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



#62

4-Bromofluorobenzene

Concen: 51.775 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054094.D

Acq: 5 Mar 2019 13:00

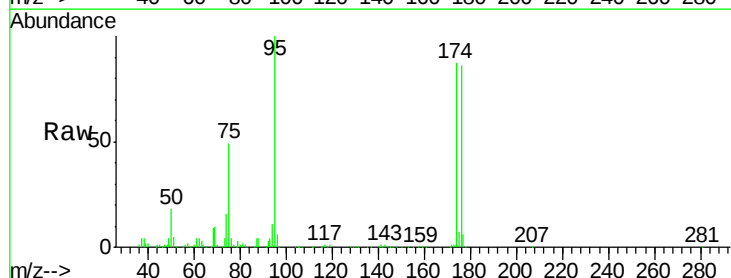
Tgt Ion: 95 Resp: 446098

Ion Ratio Lower Upper

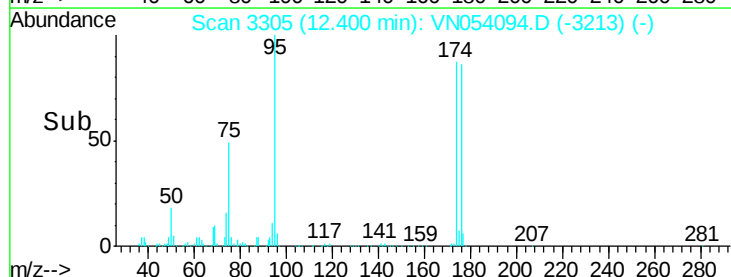
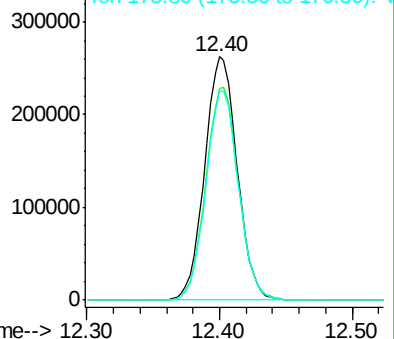
95 100

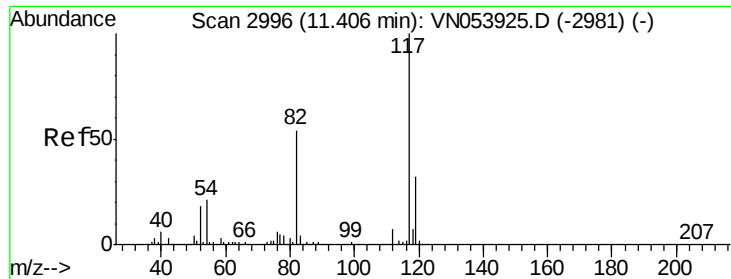
174 88.3 0.0 188.8

176 86.1 0.0 182.6



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

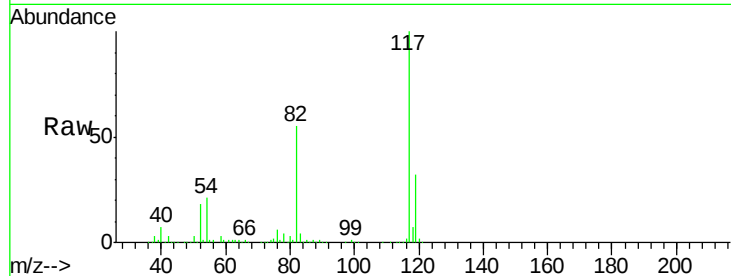




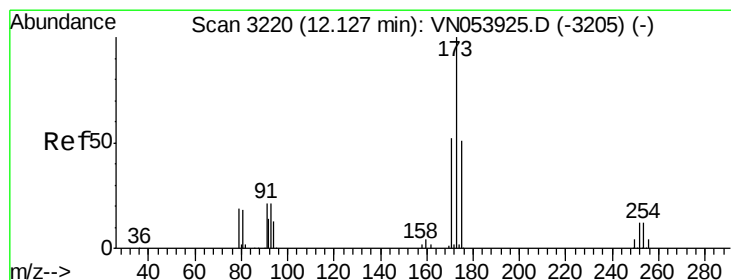
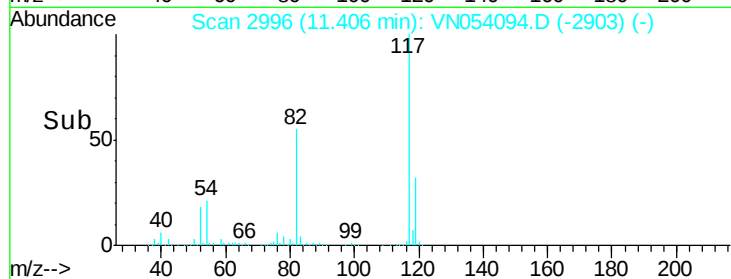
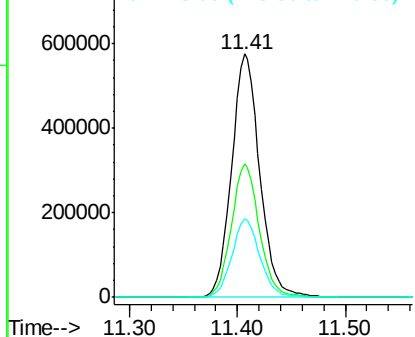
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054094.D
Acq: 5 Mar 2019 13:00

Instrument :
MSVOA_N
ClientSampleId :
FIELD-BLANK

Tot Ion:117 Resp: 1044583
Ion Ratio Lower Upper
117 100
82 54.9 41.4 62.2
119 32.3 25.3 37.9

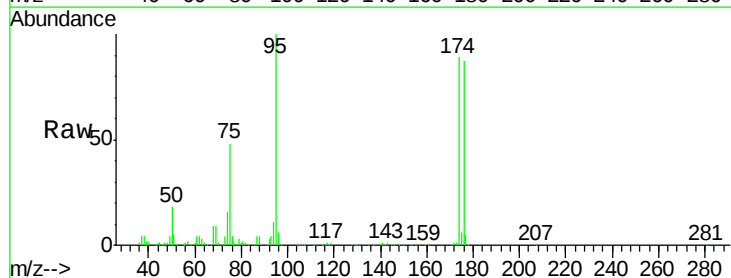


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

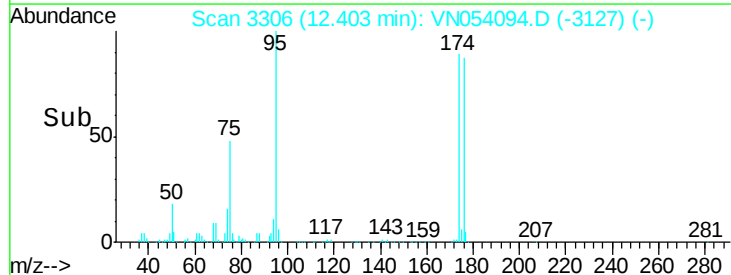
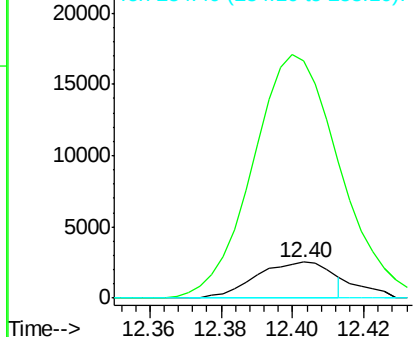


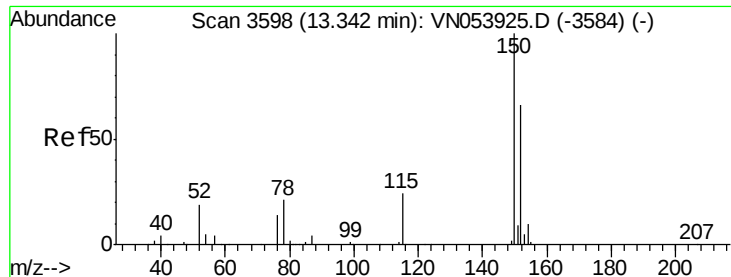
#71
Bromoform
Concen: 0.658 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054094.D
Acq: 5 Mar 2019 13:00

Tgt Ion:173 Resp: 3639
Ion Ratio Lower Upper
173 100
175 689.1 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: VN054094.D

Acq: 5 Mar 2019 13:00

Instrument :

MSVOA_N

ClientSampleId :

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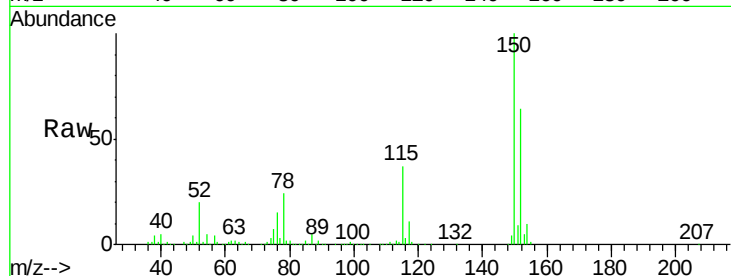
Tot Ion:152 Resp: 369535

Ion Ratio Lower Upper

152 100

115 57.6 27.2 81.6

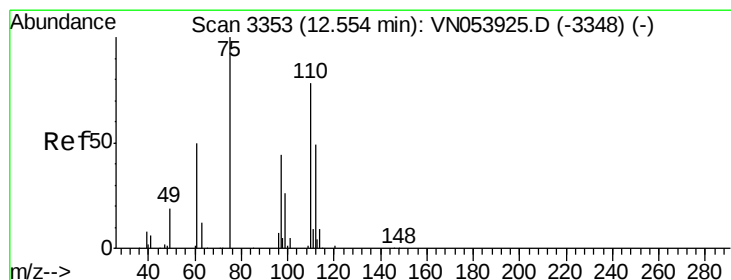
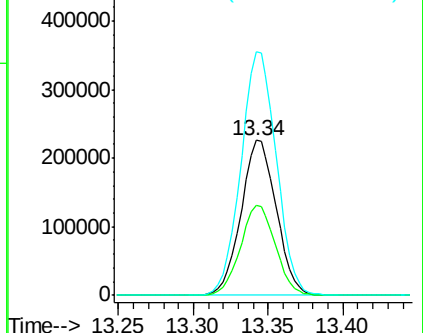
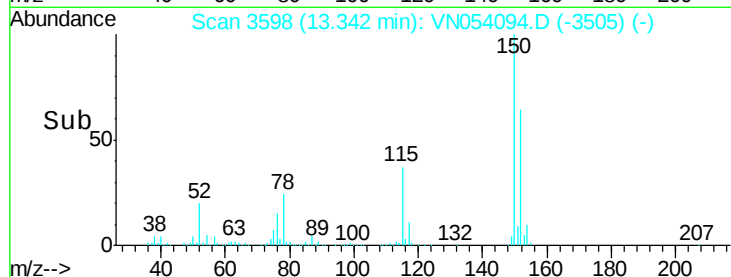
150 158.4 0.0 348.2



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



#76

1,2,3-Trichloropropane

Concen: 36.448 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054094.D

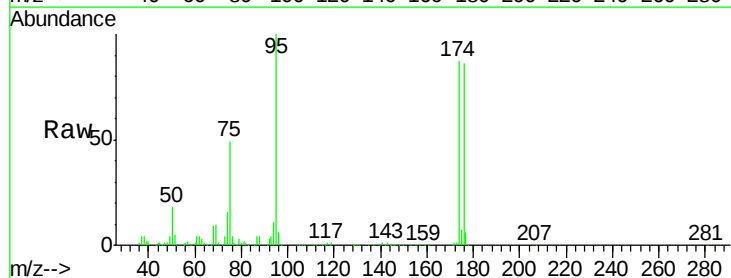
Acq: 5 Mar 2019 13:00

Tgt Ion: 75 Resp: 216061

Ion Ratio Lower Upper

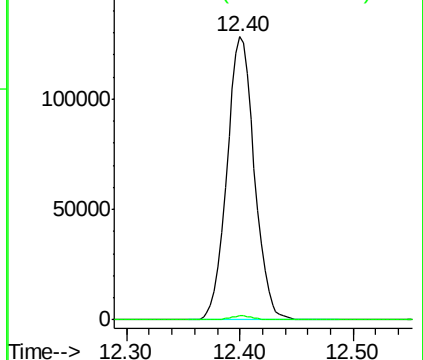
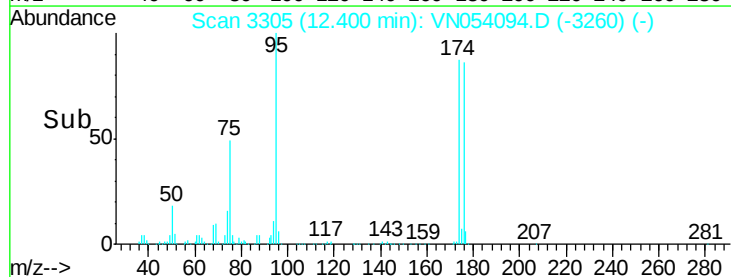
75 100

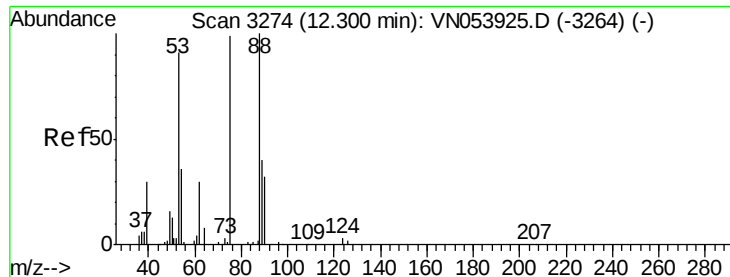
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

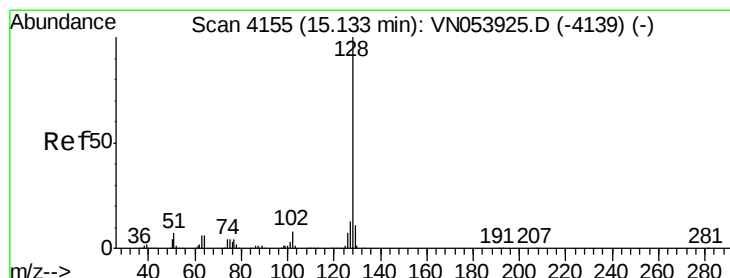
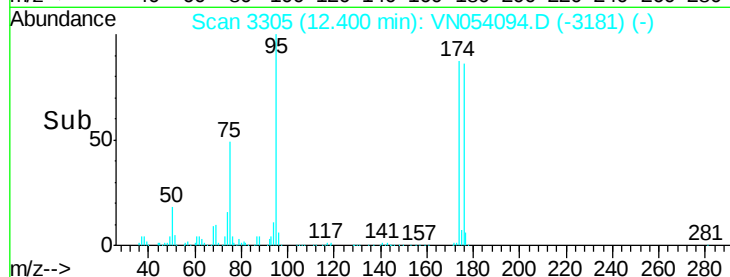
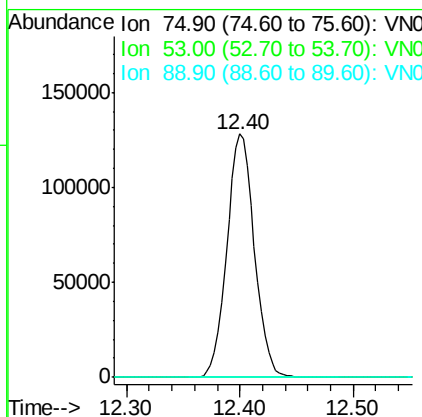
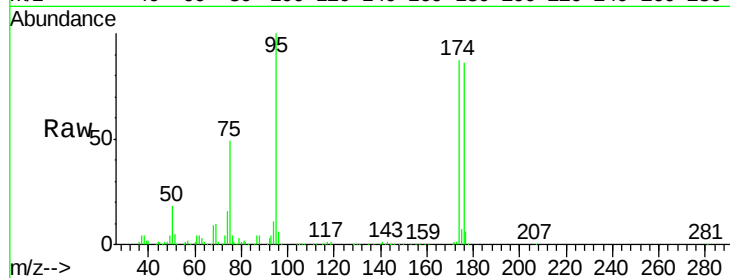




#81
trans-1,4-Dichloro-2-butene
Concen: 115.197 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054094.D
Acq: 5 Mar 2019 13:00

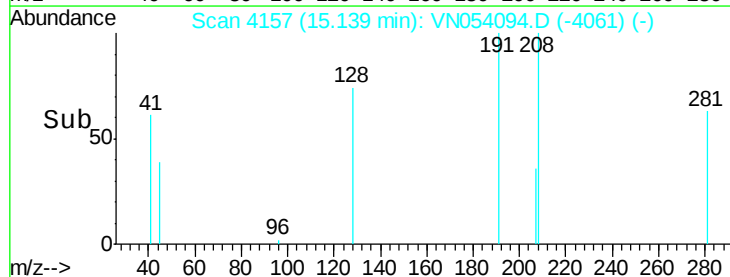
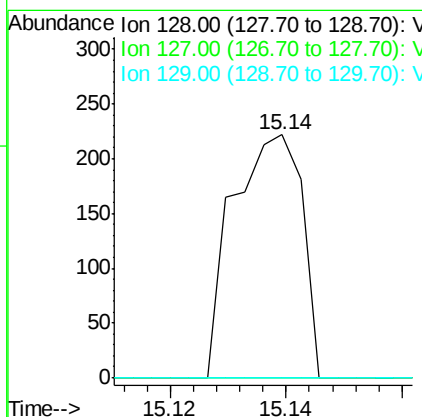
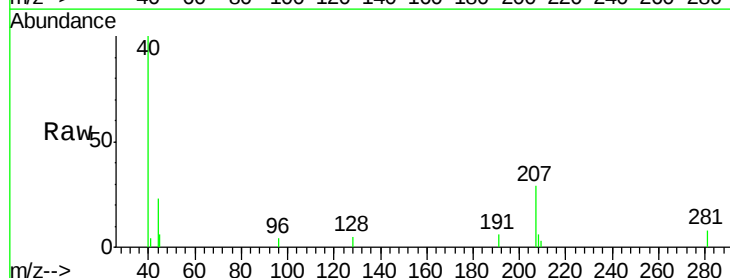
Instrument :
MSVOA_N
ClientSampleId :
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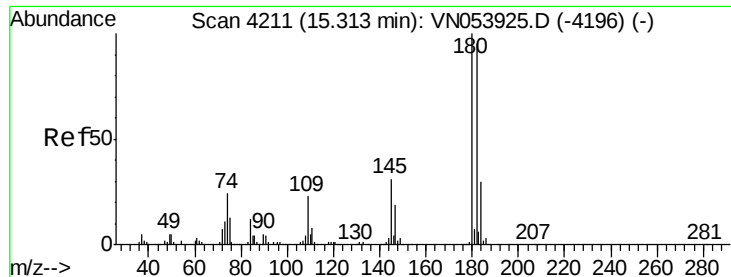
Tot Ion: 75 Resp: 216061
Ion Ratio Lower Upper
75 100
53 0.1 68.6 102.8#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 3.224 ug/l
RT: 15.14 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN054094.D
Acq: 5 Mar 2019 13:00

Tgt Ion: 128 Resp: 183
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 12.8#

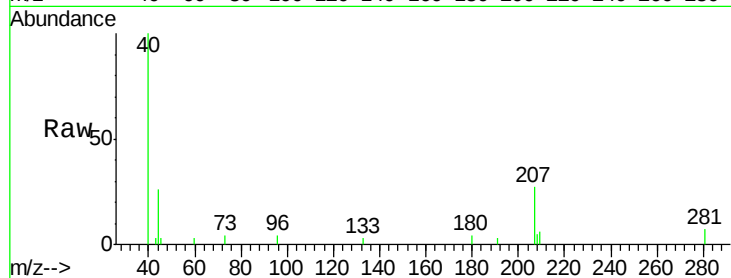




#96
 1,2,3-Trichlorobenzene
 Concen: 1.579 ug/l
 RT: 15.33 min Scan# 4215
 Delta R.T. 0.01 min
 Lab File: VN054094.D
 Acq: 5 Mar 2019 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	141.8#
145	0.0	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

