

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030519\
 Data File : VN054095.D
 Acq On : 5 Mar 2019 13:27
 Operator : JC/SP
 Sample : K1726-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN001

Quant Time: Mar 06 02:19:13 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	606034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1088910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1031972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	327764	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	372371	52.42	ug/l	0.00
Spiked Amount						
				Recovery	=	104.84%
35) Dibromofluoromethane	7.59	113	350242	49.74	ug/l	0.00
Spiked Amount						
				Recovery	=	99.48%
50) Toluene-d8	10.09	98	1364376	52.05	ug/l	0.00
Spiked Amount						
				Recovery	=	104.10%
62) 4-Bromofluorobenzene	12.40	95	426787	48.87	ug/l	0.00
Spiked Amount						
				Recovery	=	97.74%

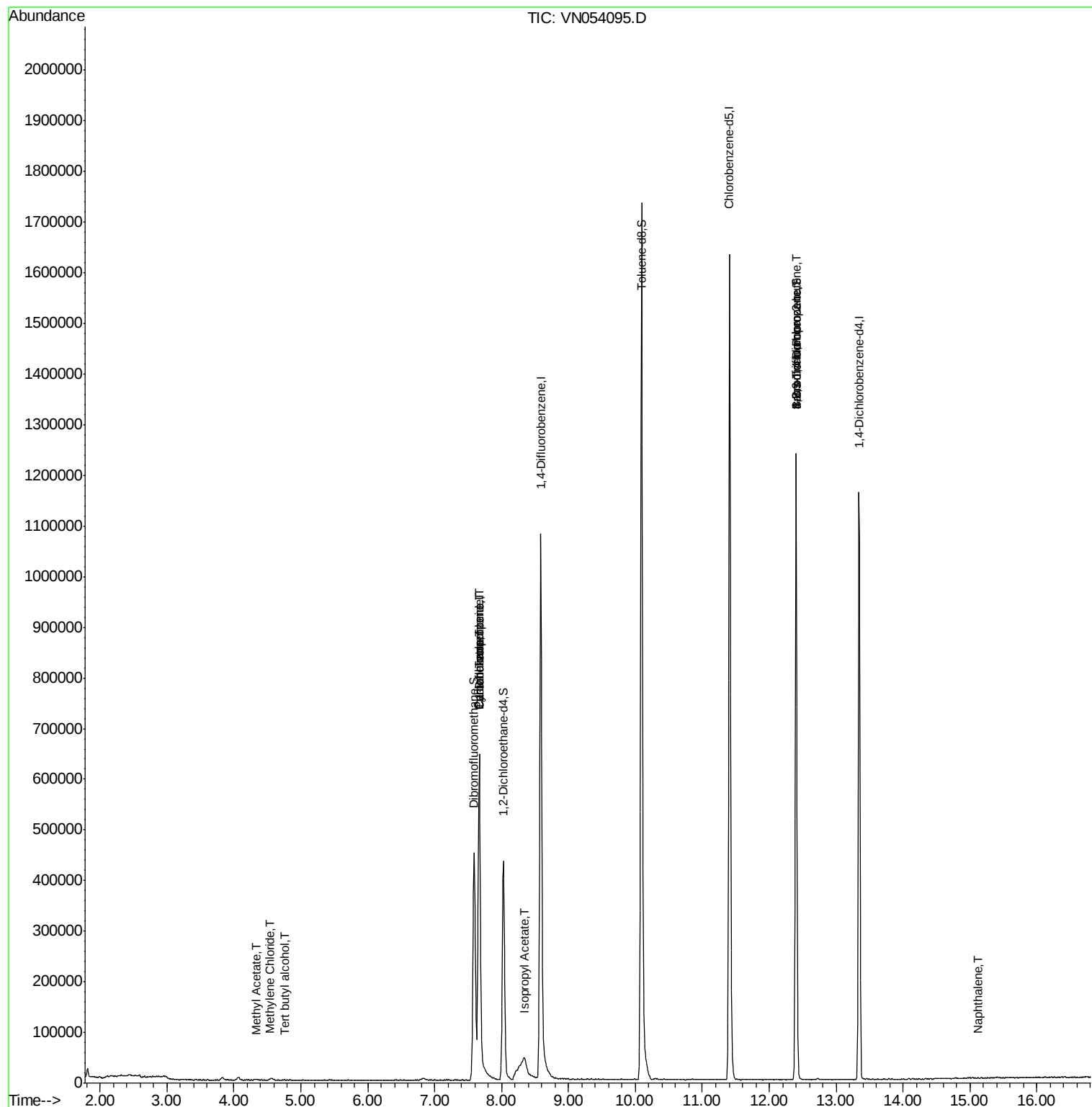
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.76	59	555	1.232	ug/l #	73
16) Acetone	3.82	43	8252	Below Cal		94
18) Methyl Acetate	4.34	43	1191	0.240	ug/l #	60
20) Methylene Chloride	4.55	84	2798	0.398	ug/l	93
31) Cyclohexane	7.66	56	10286	0.500	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	41767	4.125	ug/l #	48
38) Carbon Tetrachloride	7.67	117	52173	4.954	ug/l #	17
43) Isopropyl Acetate	8.33	43	124063	10.162	ug/l #	58
71) Bromoform	12.40	173	3311	0.606	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	205004	38.990	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	205004	123.232	ug/l #	15
95) Naphthalene	15.13	128	34	3.214	ug/l #	70

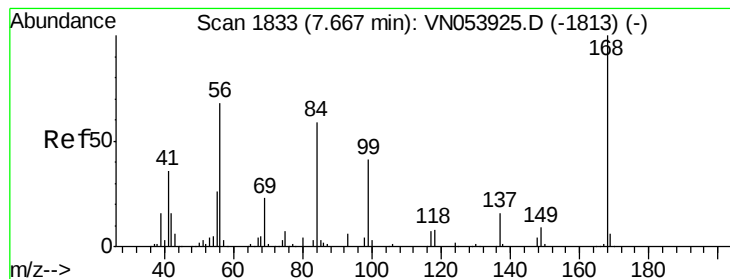
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN030519\
Data File : VN054095.D
Acq On : 5 Mar 2019 13:27
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Quant Time: Mar 06 02:19:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
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: VN054095.D

Acq: 5 Mar 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

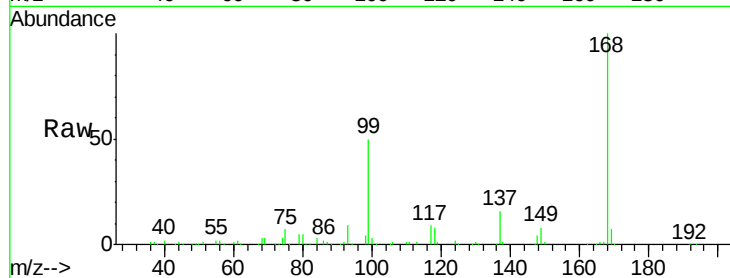
DSN001

Tot Ion:168 Resp: 606034

Ion Ratio Lower Upper

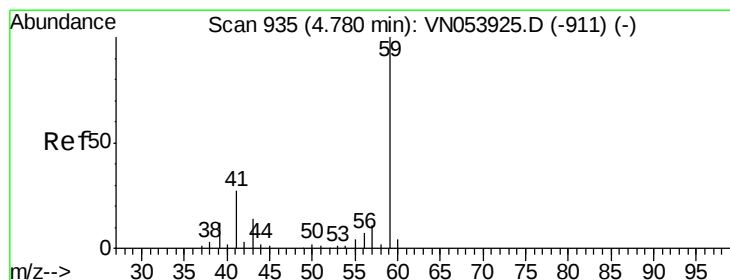
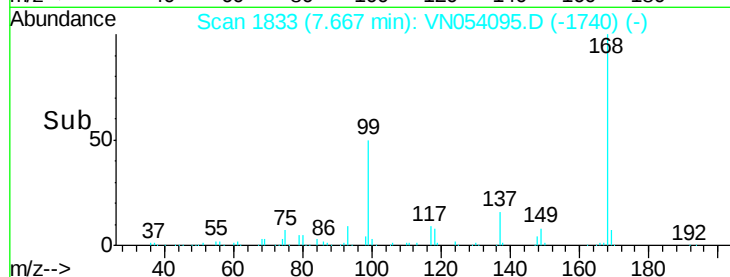
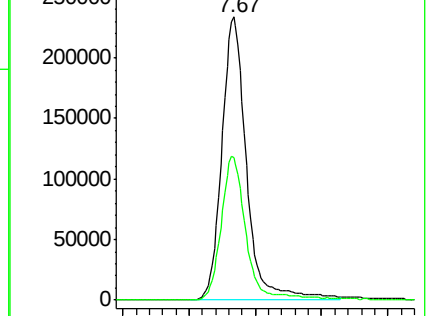
168 100

99 50.4 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 1.232 ug/l

RT: 4.76 min Scan# 928

Delta R.T. -0.02 min

Lab File: VN054095.D

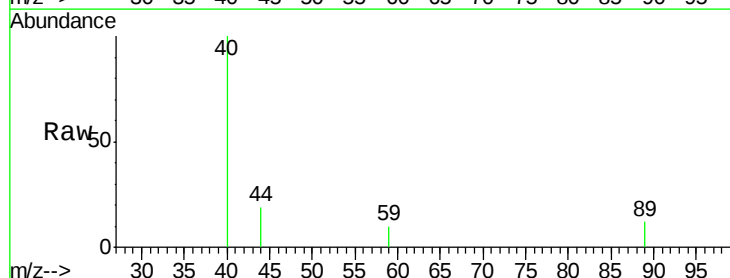
Acq: 5 Mar 2019 13:27

Tgt Ion: 59 Resp: 555

Ion Ratio Lower Upper

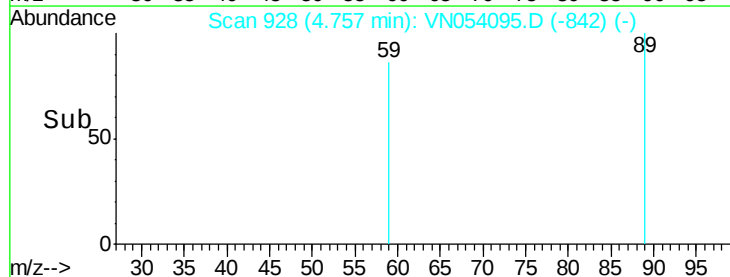
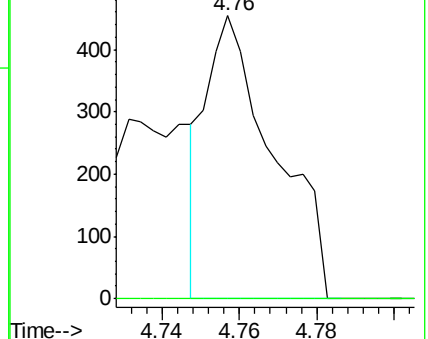
59 100

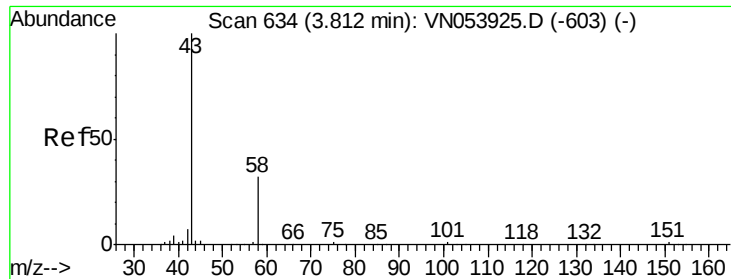
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN054095.D

Acq: 5 Mar 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

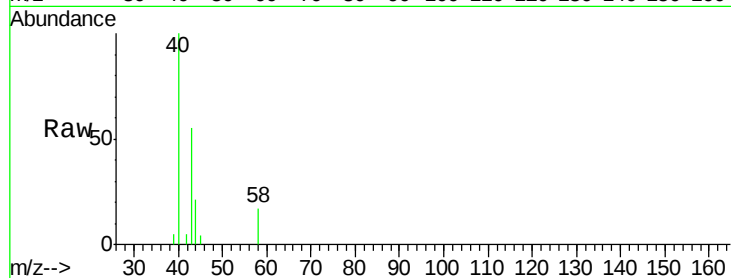
DSN001

Tot Ion: 43 Resp: 8252

Ion Ratio Lower Upper

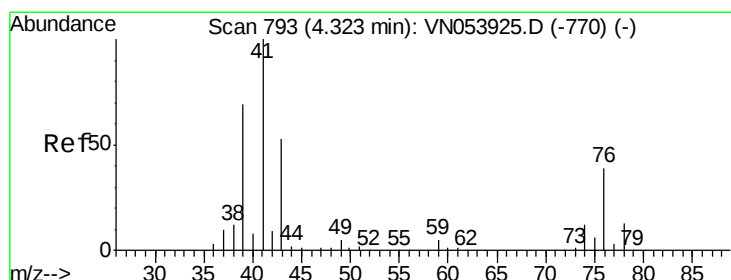
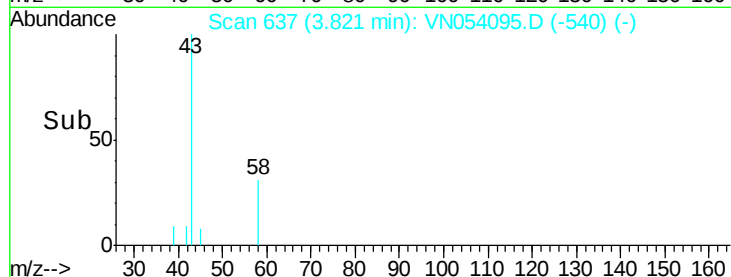
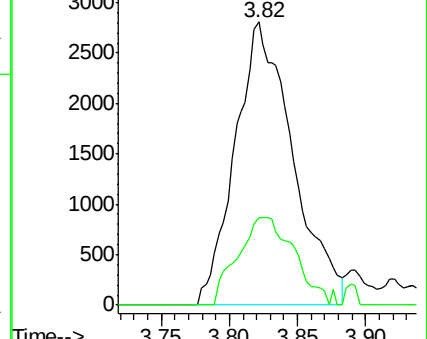
43 100

58 30.9 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: 0.240 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN054095.D

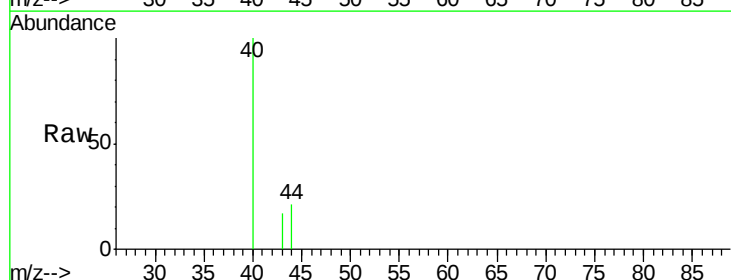
Acq: 5 Mar 2019 13:27

Tgt Ion: 43 Resp: 1191

Ion Ratio Lower Upper

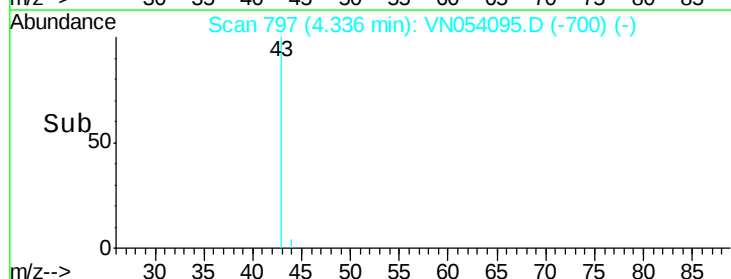
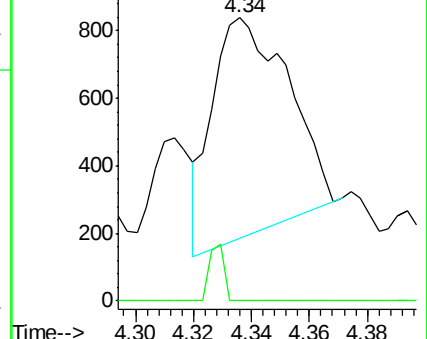
43 100

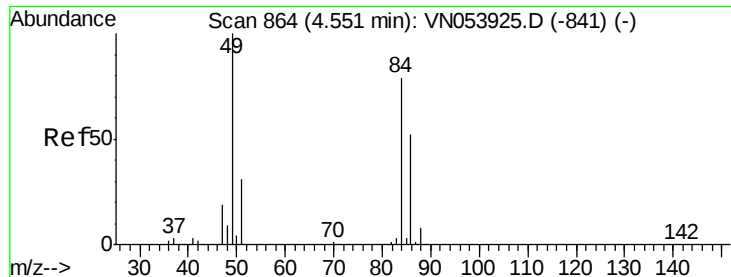
74 5.2 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

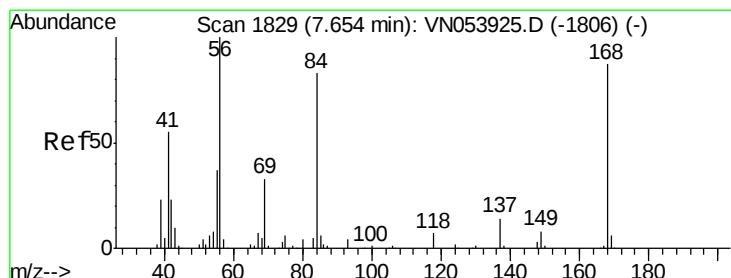
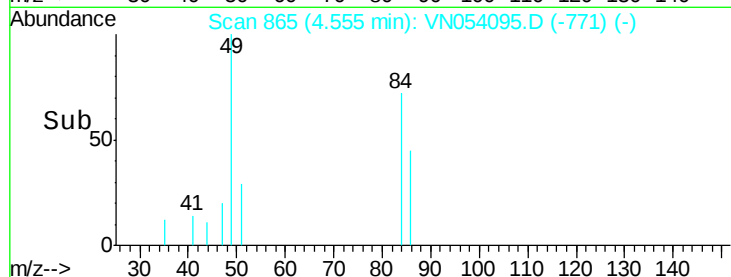
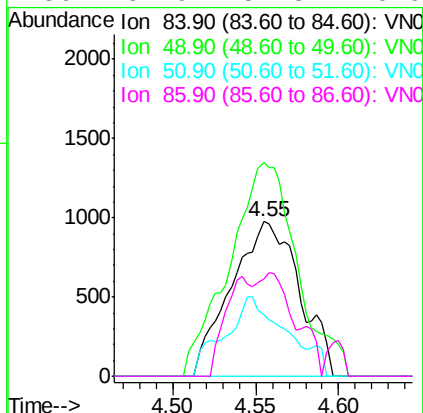
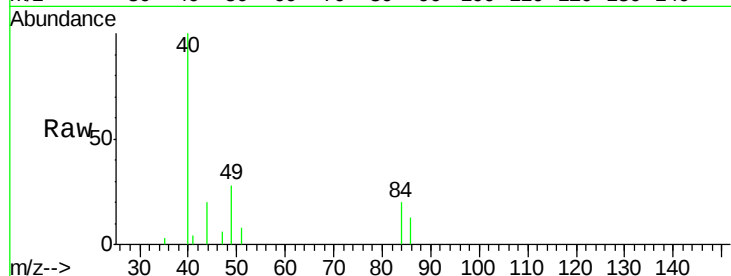




#20
Methylene Chloride
Concen: 0.398 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN054095.D
Acq: 5 Mar 2019 13:27

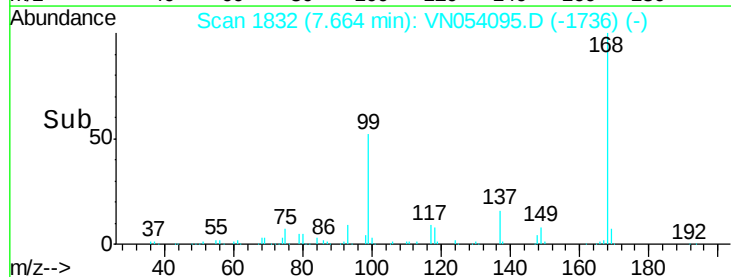
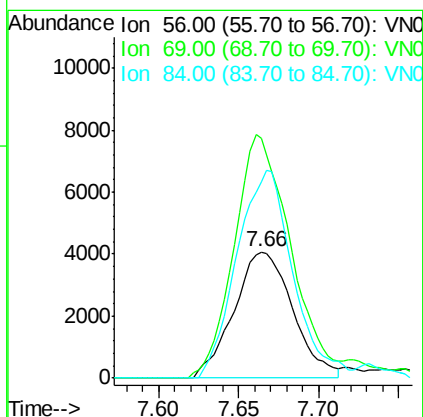
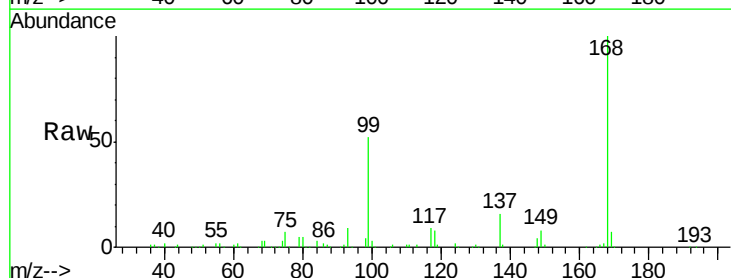
Instrument :
MSVOA_N
ClientSampleId :
DSN001

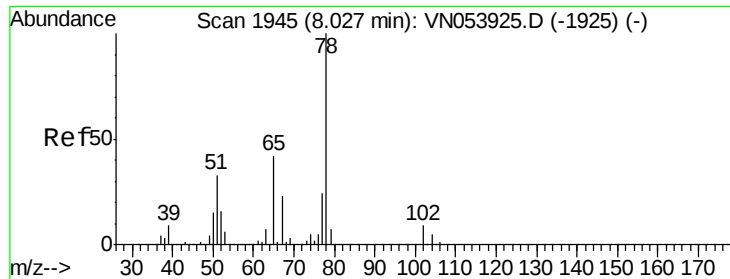
Tot Ion: 84 Resp: 2798
Ion Ratio Lower Upper
84 100
49 122.1 89.7 134.5
51 39.5 27.8 41.8
86 62.9 51.3 76.9



#31
Cyclohexane
Concen: 0.500 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054095.D
Acq: 5 Mar 2019 13:27

Tgt Ion: 56 Resp: 10286
Ion Ratio Lower Upper
56 100
69 190.3 26.0 39.0#
84 156.0 69.1 103.7#

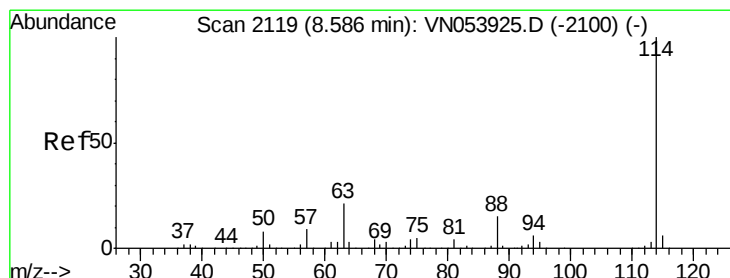
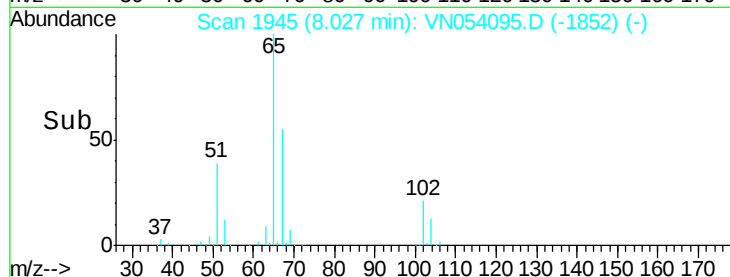
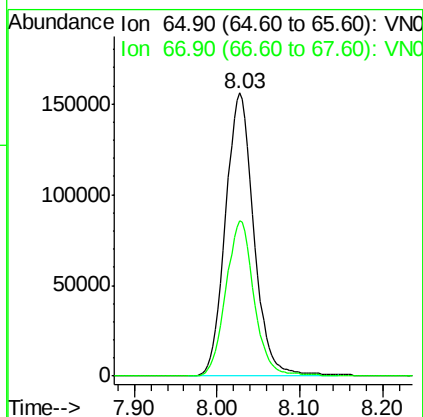
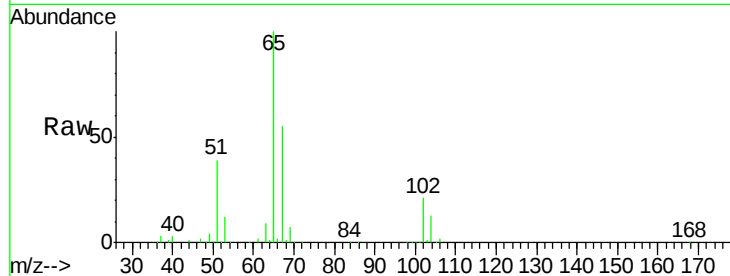




#33
 1,2-Dichloroethane-d4
 Concen: 52.417 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054095.D
 Acq: 5 Mar 2019 13:27

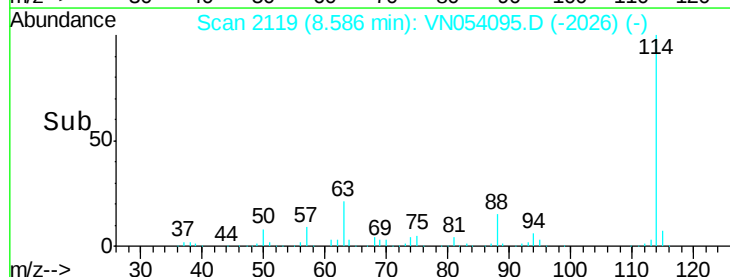
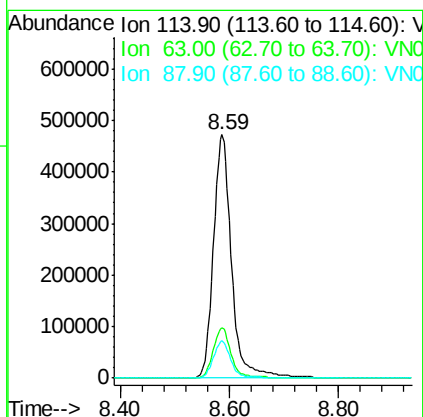
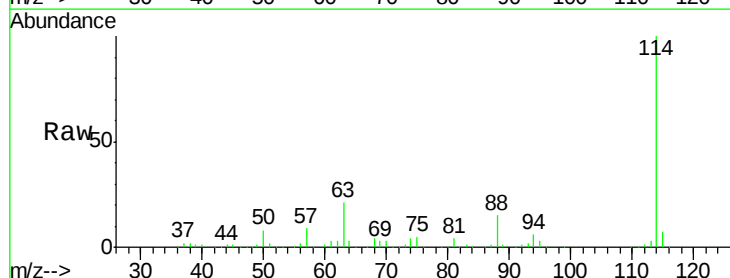
Instrument :
 MSVOA_N
 ClientSampleId :
 DSN001

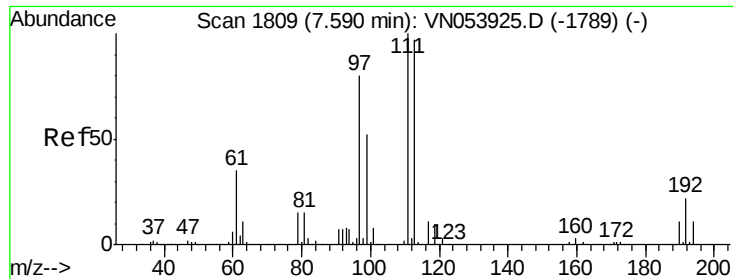
Tot Ion: 65 Resp: 372371
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054095.D
 Acq: 5 Mar 2019 13:27

Tgt Ion: 114 Resp: 1088910
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 37.4
 88 15.2 0.0 30.4

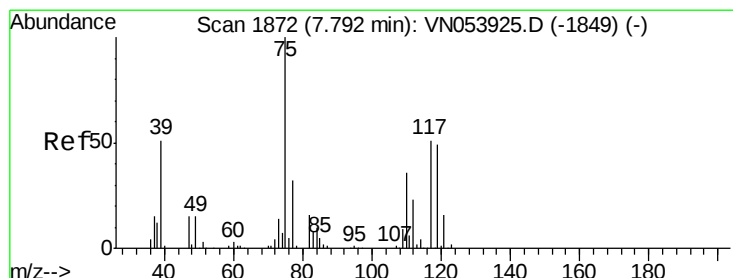
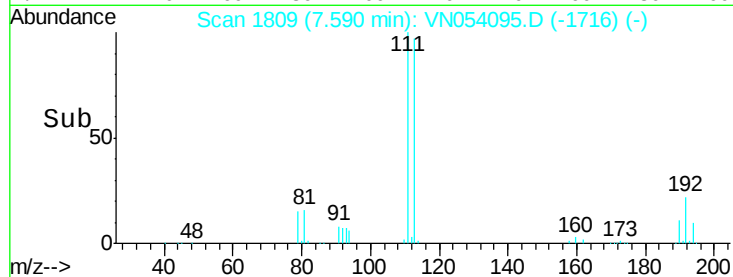
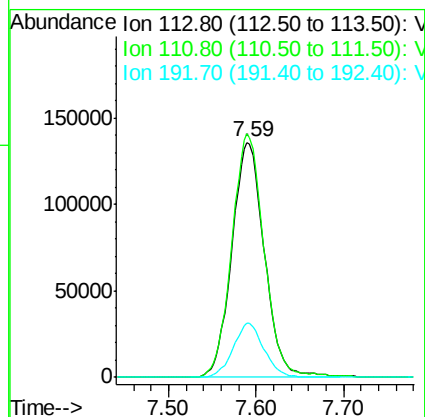
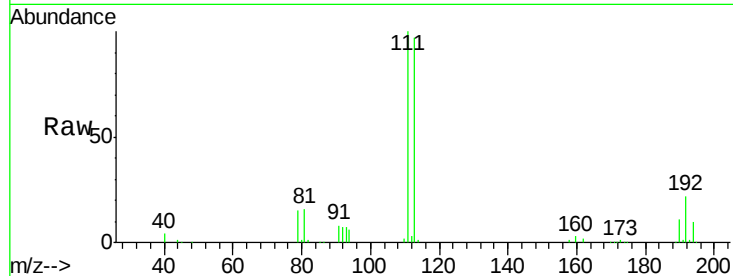




#35
 Dibromofluoromethane
 Concen: 49.740 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054095.D
 Acq: 5 Mar 2019 13:27

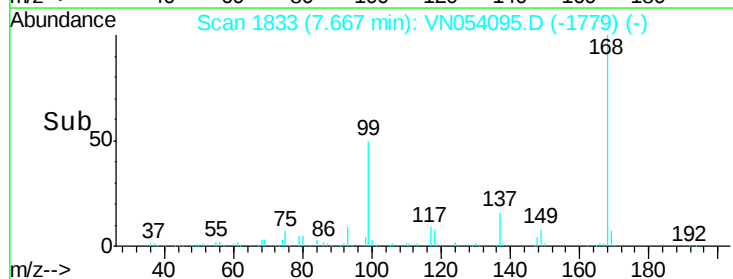
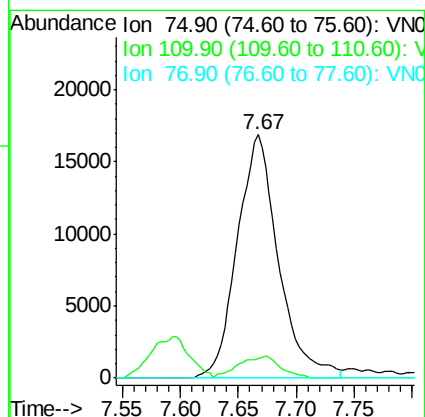
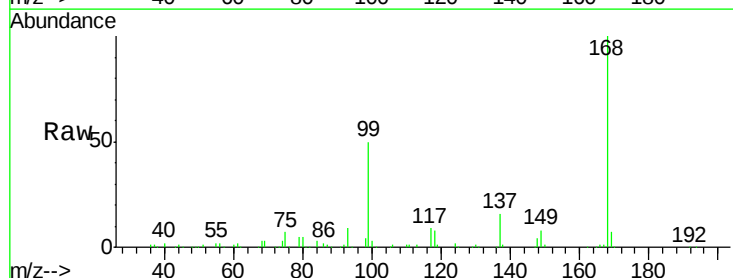
Instrument :
 MSVOA_N
 ClientSampleId :
 DSN001

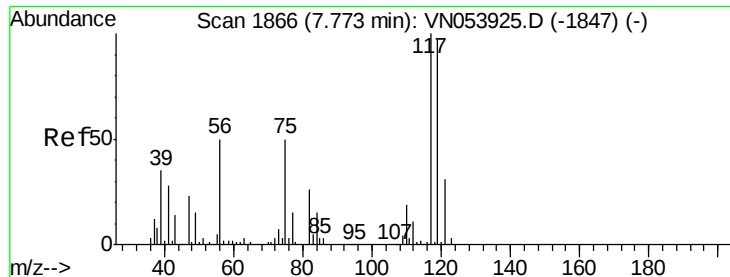
Tot Ion:113 Resp: 350242
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.1 121.7
 192 22.1 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 4.125 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN054095.D
 Acq: 5 Mar 2019 13:27

Tgt Ion: 75 Resp: 41767
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.0 57.0#
 77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 4.954 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054095.D

Acq: 5 Mar 2019 13:27

Instrument :

MSVOA_N

ClientSampled :

DSN001

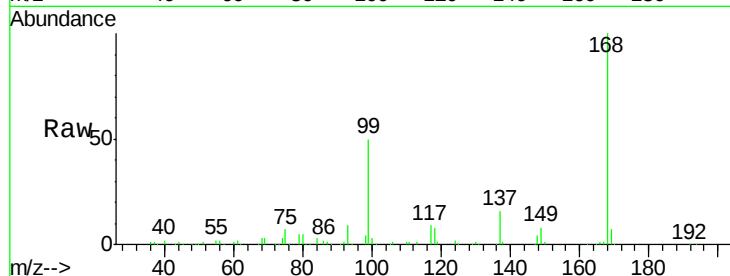
Tot Ion:117 Resp: 52173

Ion Ratio Lower Upper

117 100

119 6.5 76.2 114.2#

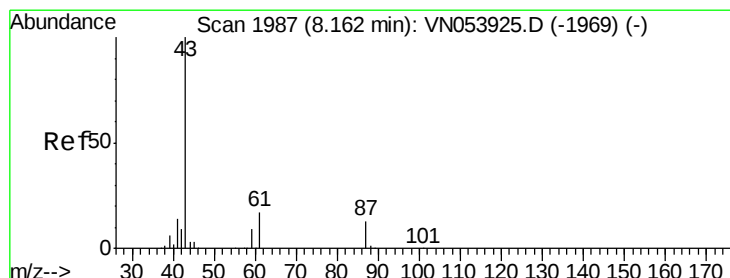
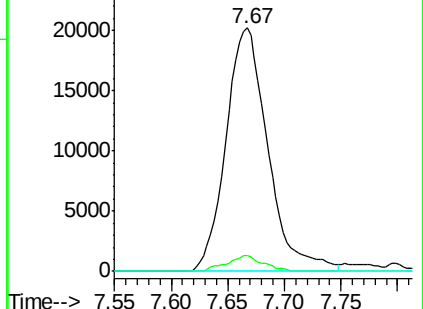
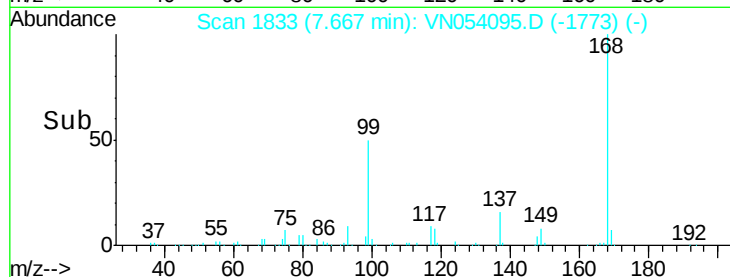
121 0.0 24.6 36.8#



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: 10.162 ug/l

RT: 8.33 min Scan# 2039

Delta R.T. 0.17 min

Lab File: VN054095.D

Acq: 5 Mar 2019 13:27

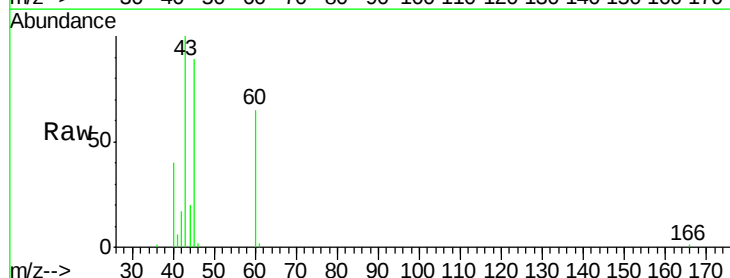
Tgt Ion: 43 Resp: 124063

Ion Ratio Lower Upper

43 100

61 0.0 17.4 26.0#

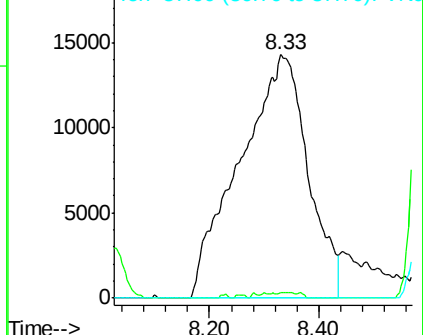
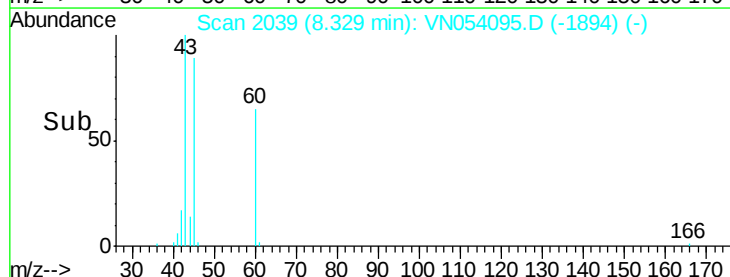
87 0.0 11.5 17.3#

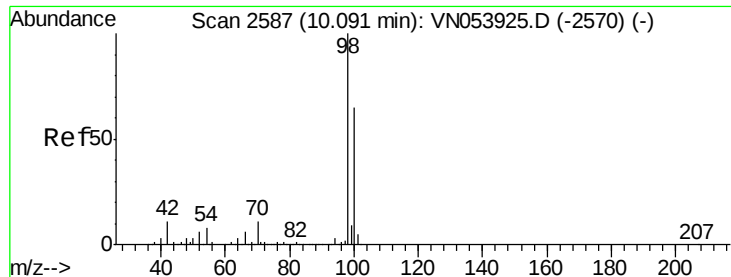


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 52.051 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054095.D

Acq: 5 Mar 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

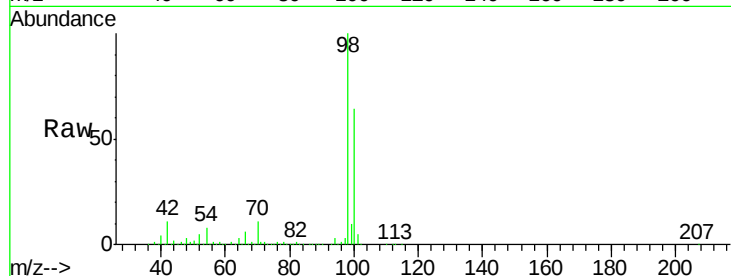
DSN001

Tot Ion: 98 Resp: 1364376

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) (-)

Ion 100.00 (99.70 to 100.70): VN053925.D (-2570) (-)

10.09

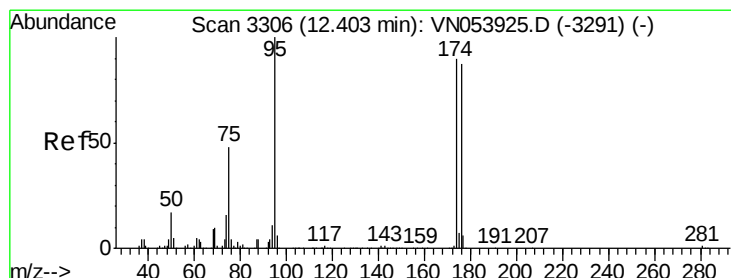
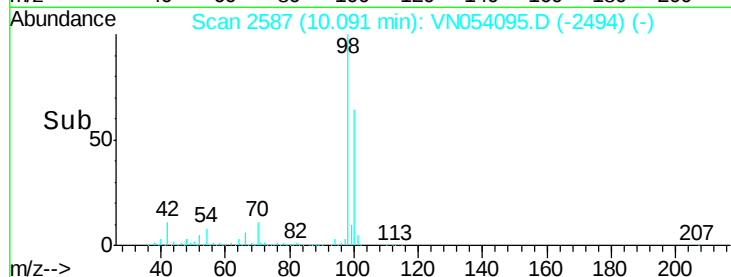
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.869 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054095.D

Acq: 5 Mar 2019 13:27

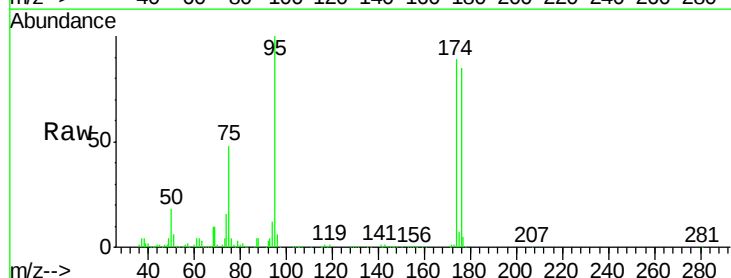
Tgt Ion: 95 Resp: 426787

Ion Ratio Lower Upper

95 100

174 88.4 0.0 188.8

176 84.5 0.0 182.6



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

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)

12.40

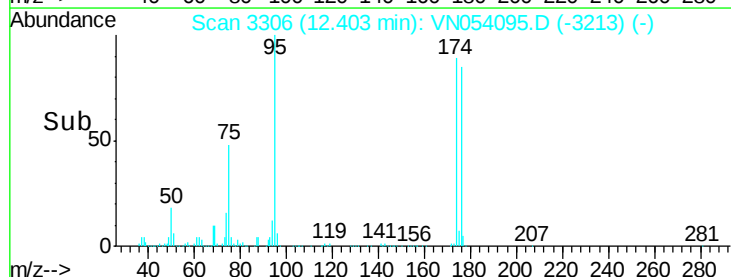
300000

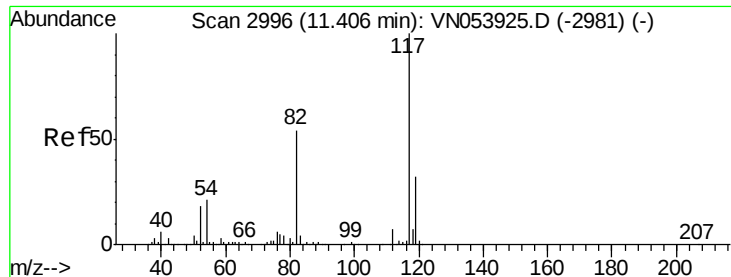
200000

100000

0

Time-->

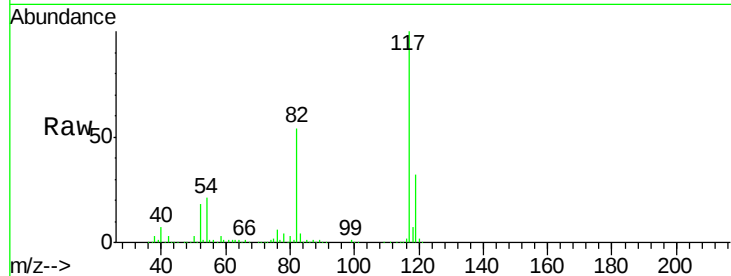




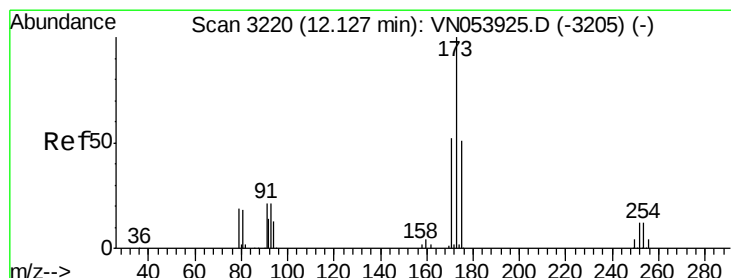
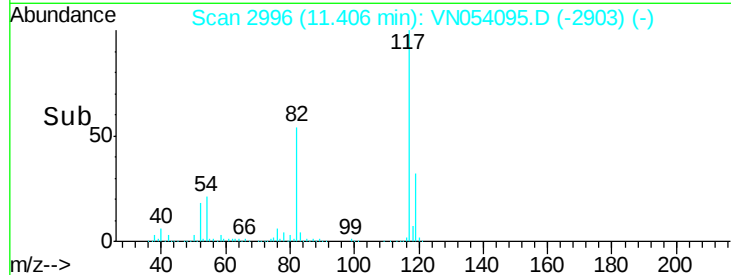
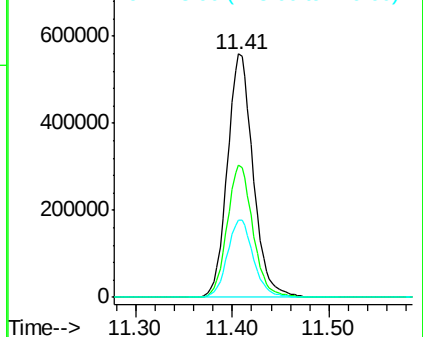
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054095.D
Acq: 5 Mar 2019 13:27

Instrument :
MSVOA_N
ClientSampleId :
DSN001

Tot Ion:117 Resp: 1031972
Ion Ratio Lower Upper
117 100
82 54.2 41.4 62.2
119 31.9 25.3 37.9

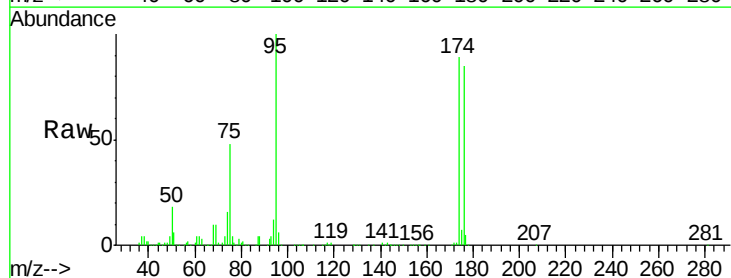


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

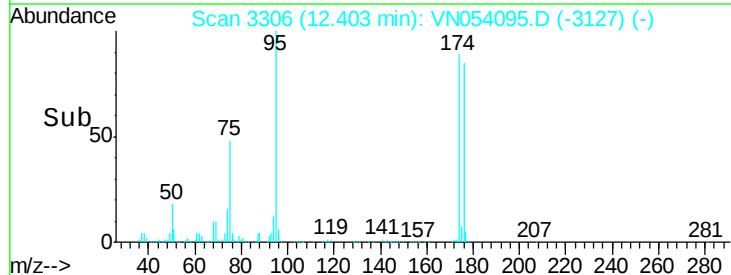
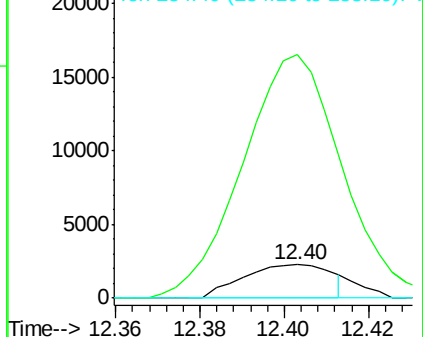


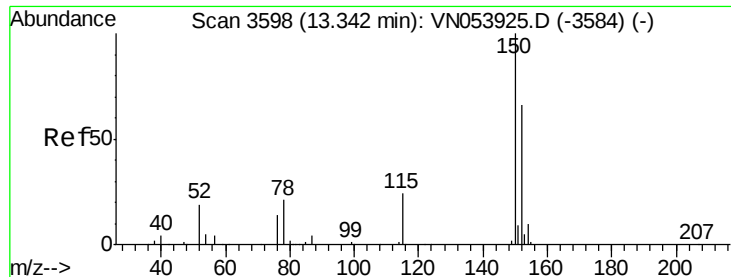
#71
Bromoform
Concen: 0.606 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054095.D
Acq: 5 Mar 2019 13:27

Tgt Ion:173 Resp: 3311
Ion Ratio Lower Upper
173 100
175 711.2 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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054095.D

Acq: 5 Mar 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

DSN001

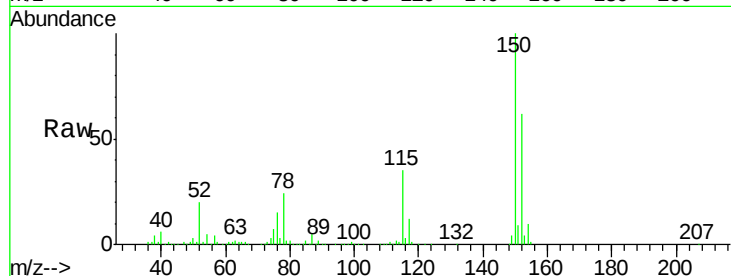
Tot Ion:152 Resp: 327764

Ion Ratio Lower Upper

152 100

115 57.2 27.2 81.6

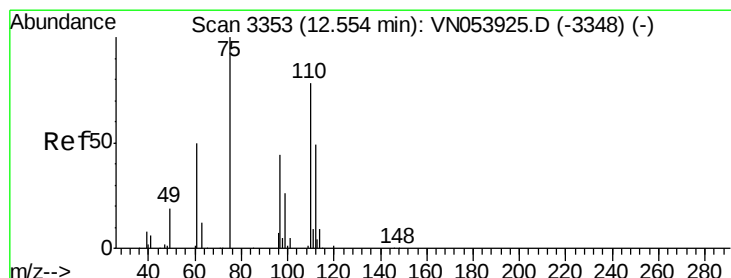
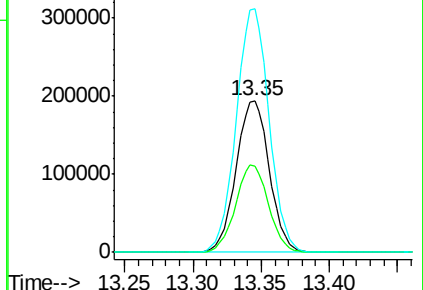
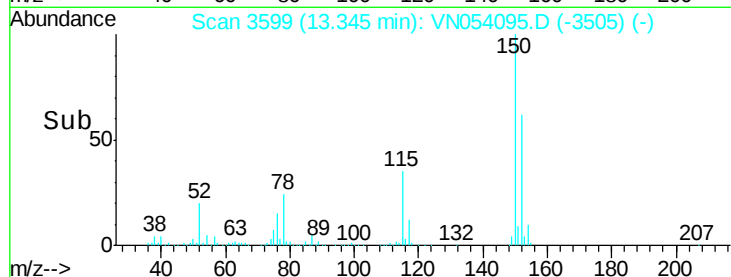
150 159.0 0.0 348.2



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: 38.990 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054095.D

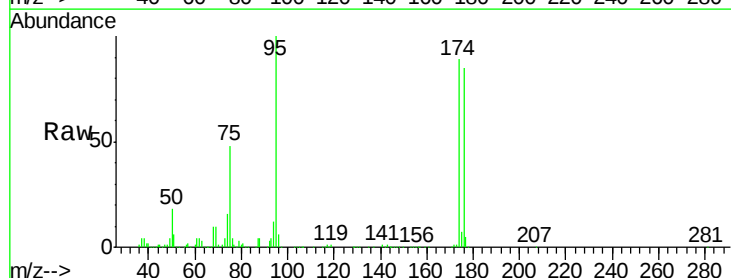
Acq: 5 Mar 2019 13:27

Tgt Ion: 75 Resp: 205004

Ion Ratio Lower Upper

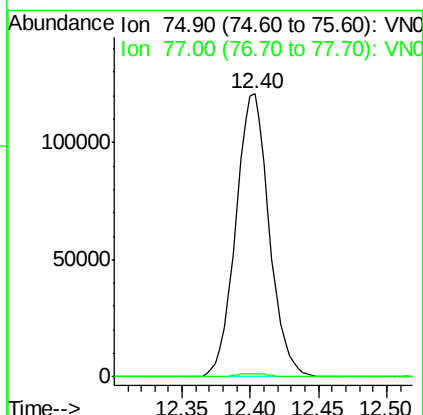
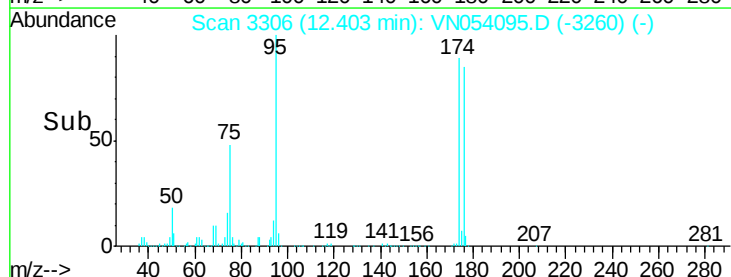
75 100

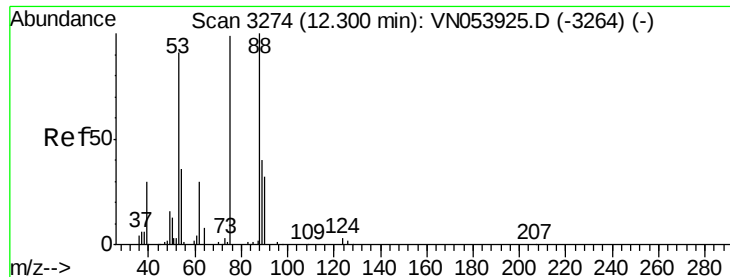
77 1.2 0.0 0.0#



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: 123.232 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054095.D

Acq: 5 Mar 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

DSN001

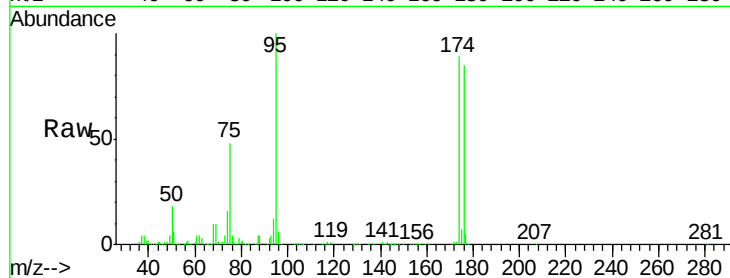
Tot Ion: 75 Resp: 205004

Ion Ratio Lower Upper

75 100

53 0.1 68.6 102.8#

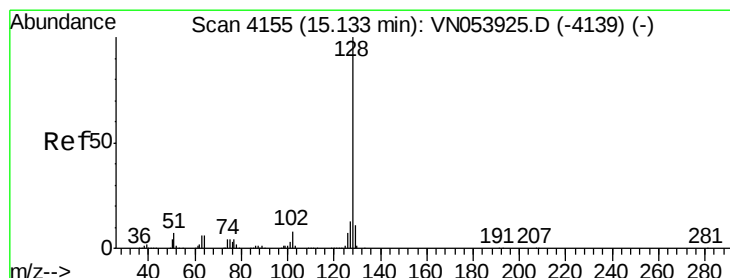
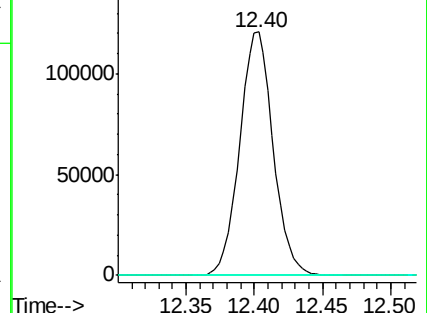
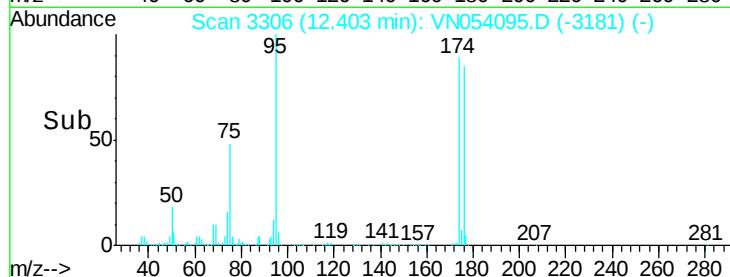
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN054095.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN054095.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN054095.D (-3181) (-)



#95

Naphthalene

Concen: 3.214 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054095.D

Acq: 5 Mar 2019 13:27

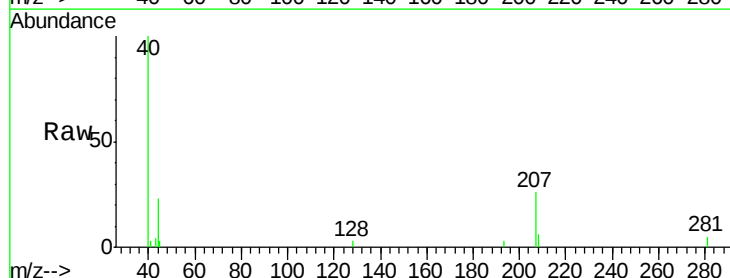
Tgt Ion: 128 Resp: 34

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): VN054095.D (-4061) (-)

Ion 127.00 (126.70 to 127.70): VN054095.D (-4061) (-)

Ion 129.00 (128.70 to 129.70): VN054095.D (-4061) (-)

