

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
 Data File : VN053675.D
 Acq On : 8 Feb 2019 12:16
 Operator : JC/SP
 Sample : VN0208MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 09 02:33:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	700578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1149411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1033523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	401878	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	372283	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	
35) Dibromofluoromethane	7.59	113	367929	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
50) Toluene-d8	10.09	98	1370631	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.40	95	442780	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	

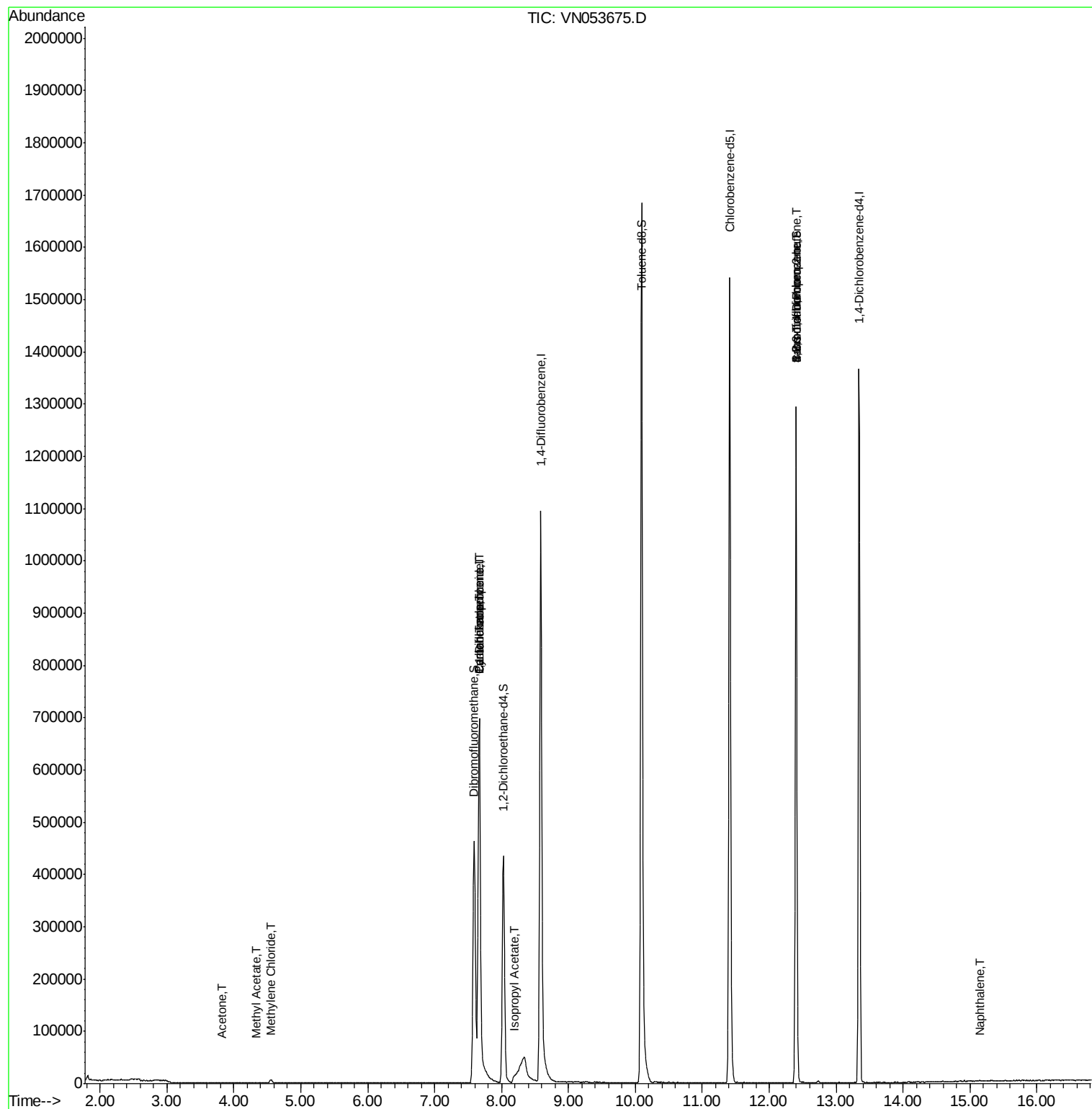
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	397	0.220	ug/l #	41
18) Methyl Acetate	4.33	43	1386	0.260	ug/l #	60
20) Methylene Chloride	4.55	84	4794	0.634	ug/l	88
31) Cyclohexane	7.66	56	10661	0.730	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42797	4.130	ug/l #	49
38) Carbon Tetrachloride	7.67	117	55270	5.295	ug/l #	16
43) Isopropyl Acetate	8.18	43	6565	0.587	ug/l #	51
71) Bromoform	12.40	173	2584	0.492	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	206446	39.994	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	206446	112.461	ug/l #	15
95) Naphthalene	15.13	128	1425	1.814	ug/l #	69

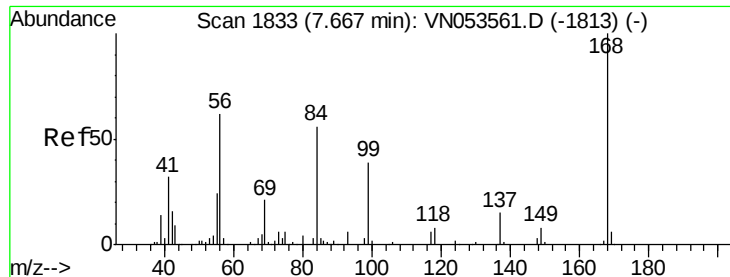
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020819\
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ALS Vial : 5 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 09 02:33:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 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: VN053675.D

Acq: 8 Feb 2019 12:16

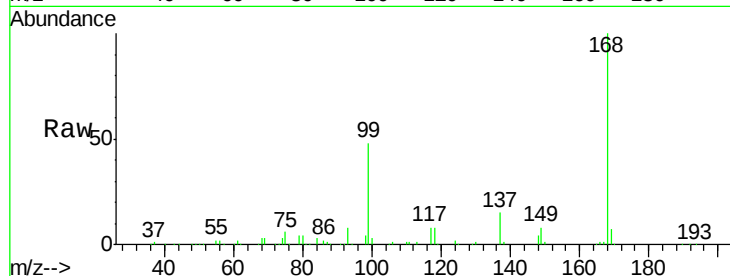
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 700578

Ion Ratio Lower Upper

168 100

99 47.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

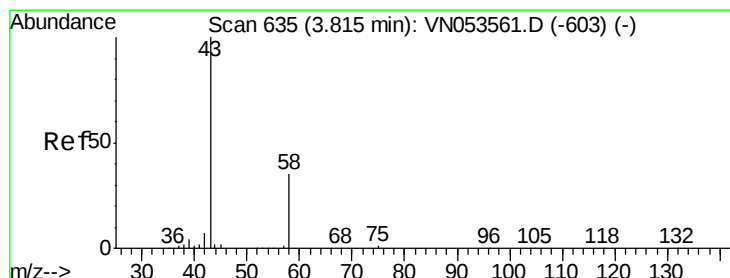
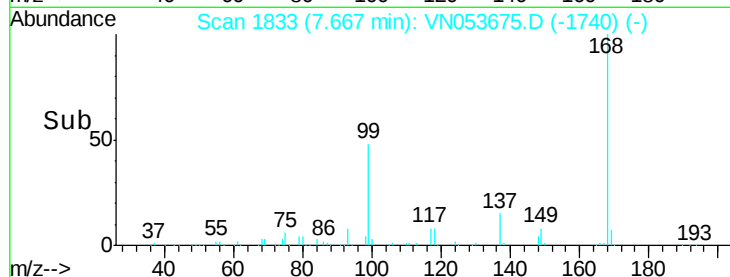
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 0.220 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053675.D

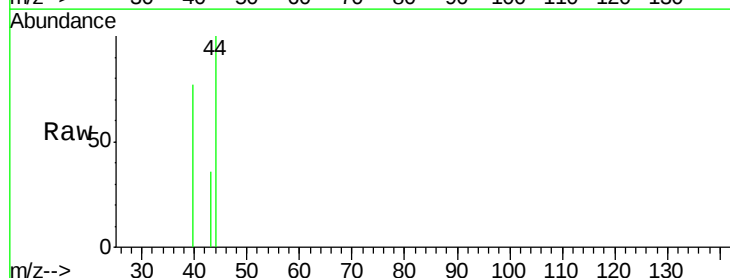
Acq: 8 Feb 2019 12:16

Tgt Ion: 43 Resp: 397

Ion Ratio Lower Upper

43 100

58 0.0 27.1 40.7#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

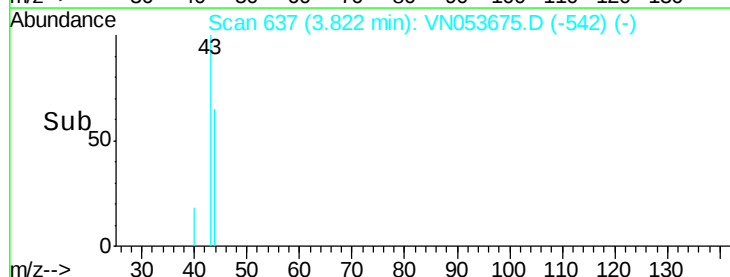
300

200

100

0

Time--> 3.80 3.82

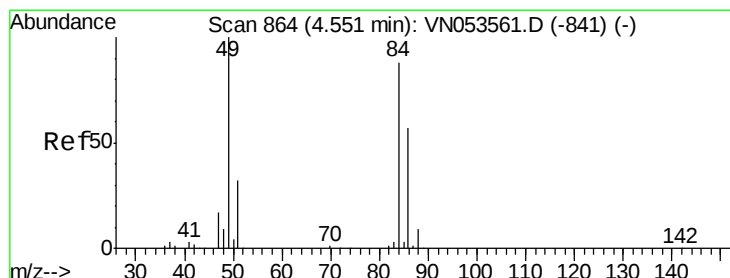
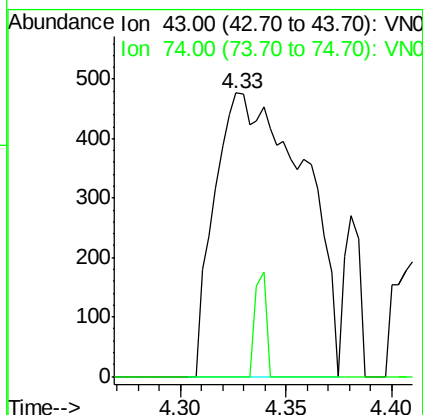
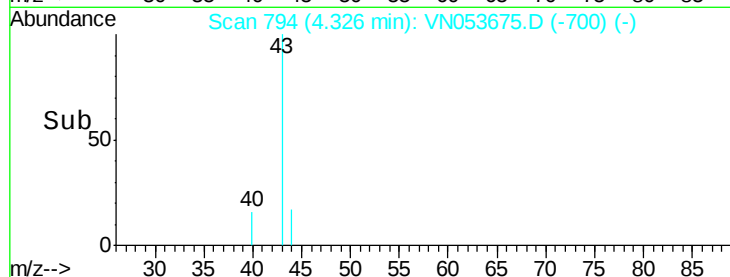
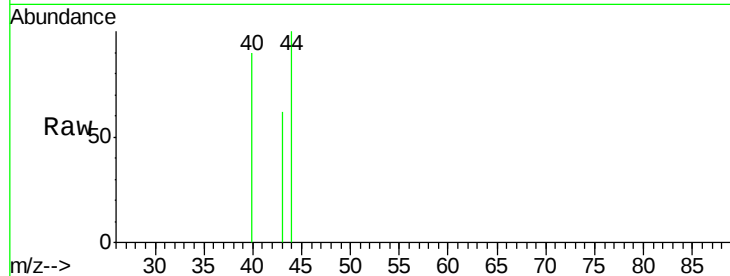




#18
Methyl Acetate
Concen: 0.260 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053675.D
Acq: 8 Feb 2019 12:16

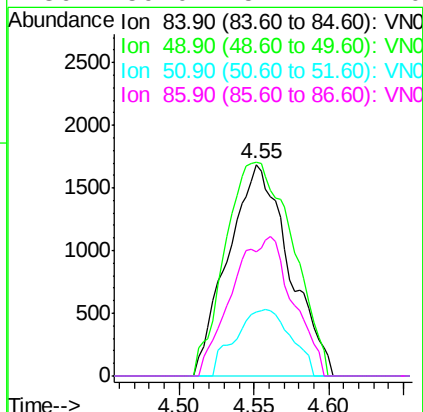
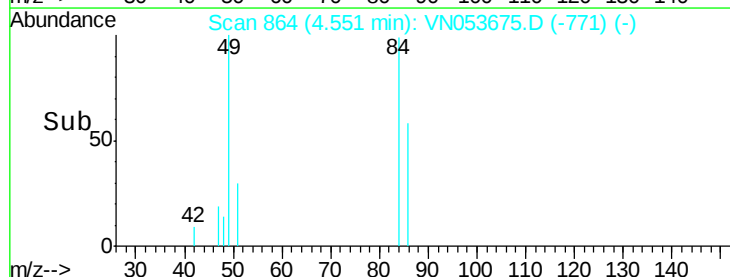
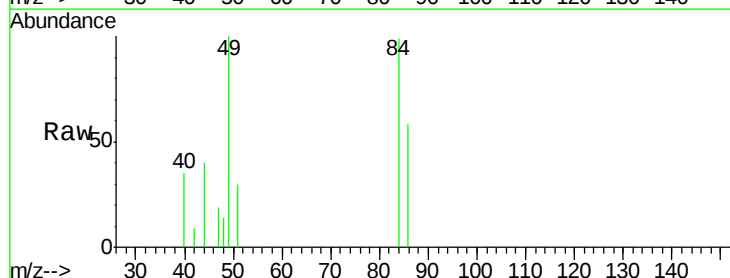
Instrument :
MSVOA_N
ClientSampled :

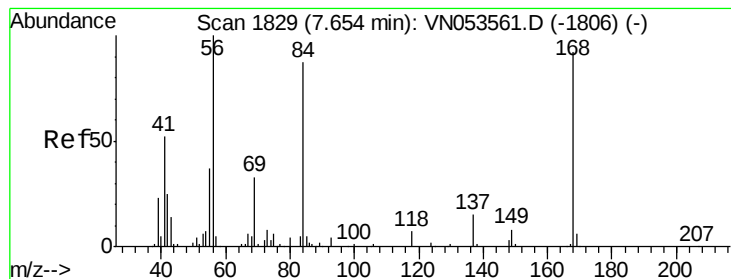
Tot Ion: 43 Resp: 1386
Ion Ratio Lower Upper
43 100
74 4.5 19.4 29.2#



#20
Methylene Chloride
Concen: 0.634 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053675.D
Acq: 8 Feb 2019 12:16

Tgt Ion: 84 Resp: 4794
Ion Ratio Lower Upper
84 100
49 101.1 94.3 141.5
51 30.5 29.4 44.2
86 59.0 51.4 77.0





#31

Cyclohexane

Concen: 0.730 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053675.D

Acq: 8 Feb 2019 12:16

Instrument :

MSVOA_N

ClientSampled :

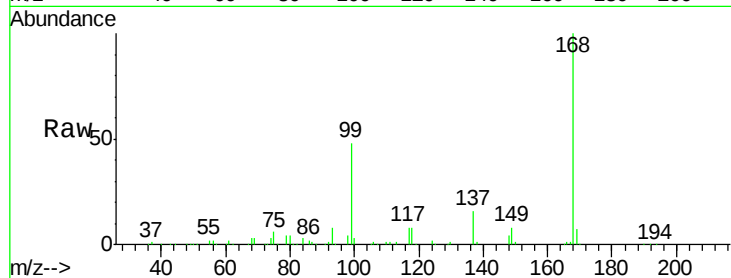
Tot Ion: 56 Resp: 10661

Ion Ratio Lower Upper

56 100

69 170.2 26.4 39.6#

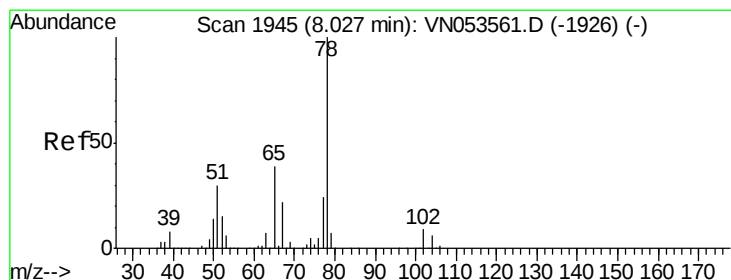
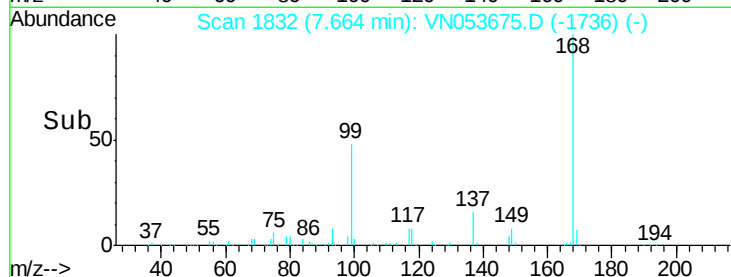
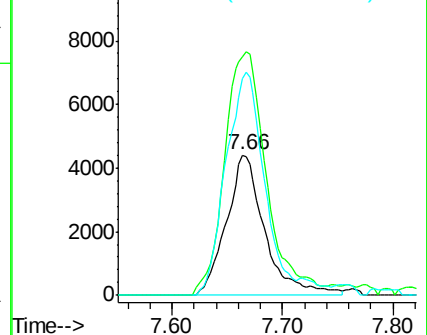
84 154.7 67.9 101.9#



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: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053675.D

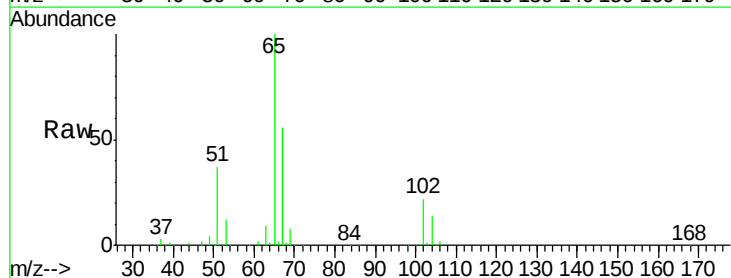
Acq: 8 Feb 2019 12:16

Tgt Ion: 65 Resp: 372283

Ion Ratio Lower Upper

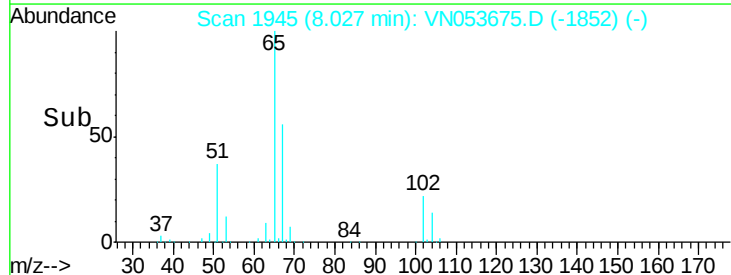
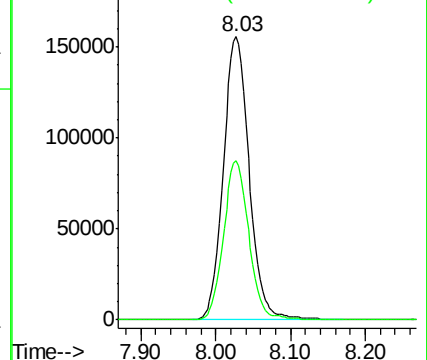
65 100

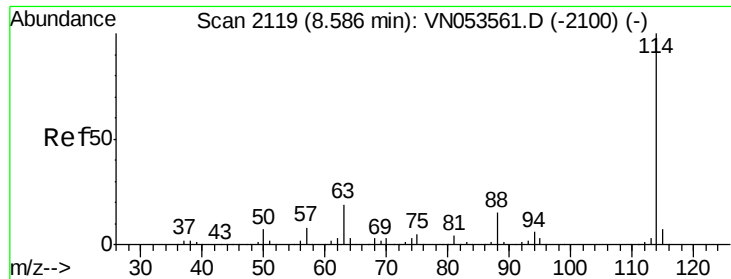
67 55.1 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

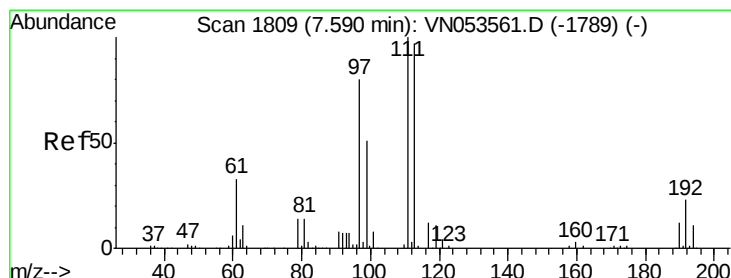
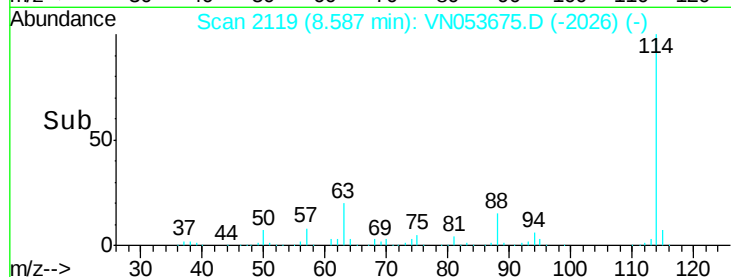
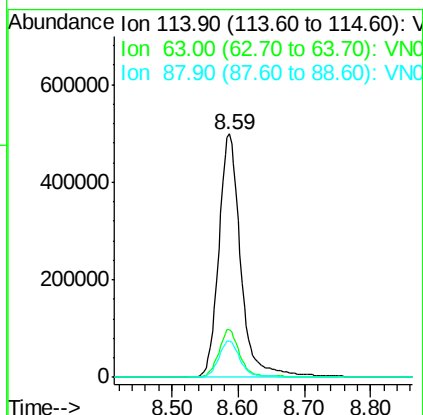
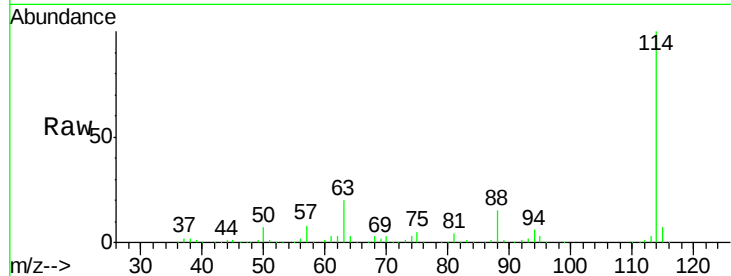




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053675.D
Acq: 8 Feb 2019 12:16

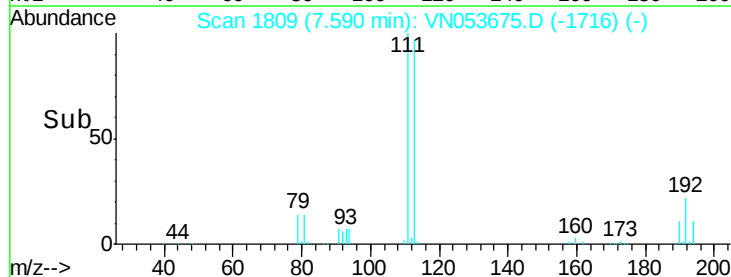
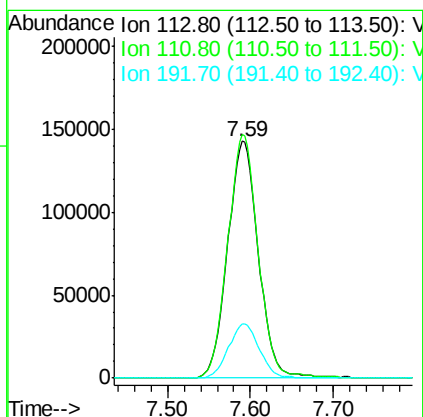
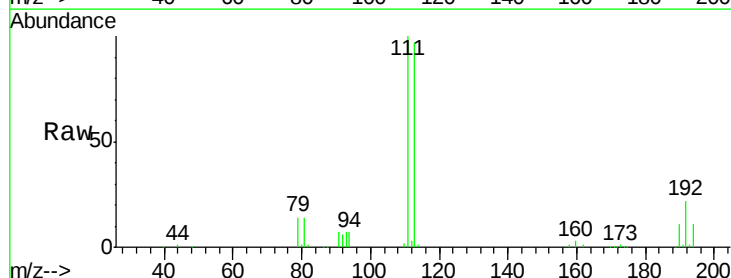
Instrument :
MSVOA_N
ClientSampleId :

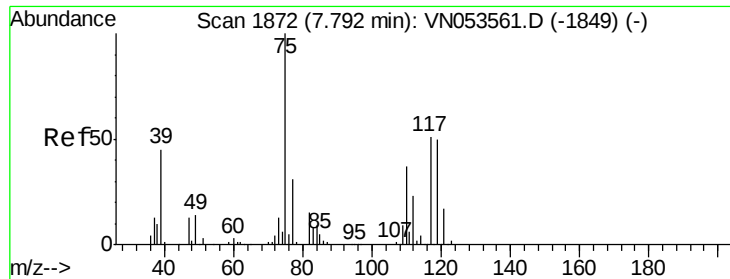
Tot Ion:114 Resp: 1149411
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.0 0.0 30.4



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053675.D
Acq: 8 Feb 2019 12:16

Tgt Ion:113 Resp: 367929
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 23.0 18.2 27.2





#36

1,1-Dichloropropene

Concen: 4.130 ug/l

RT: 7.67 min Scan# 1833

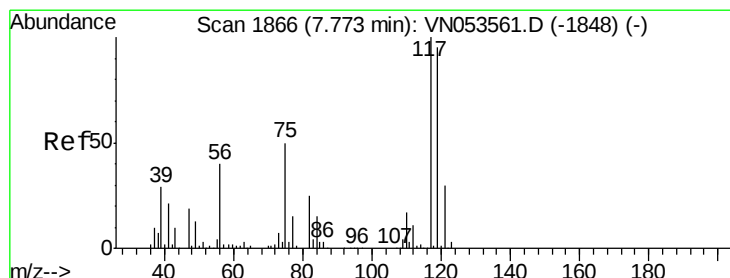
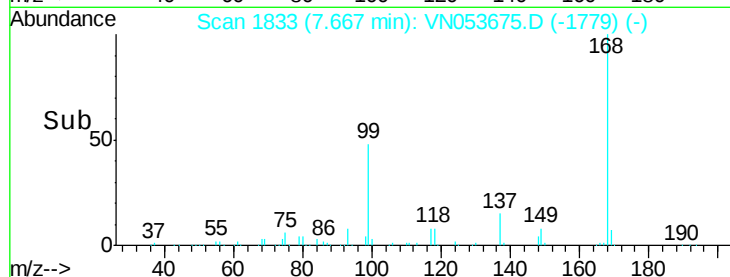
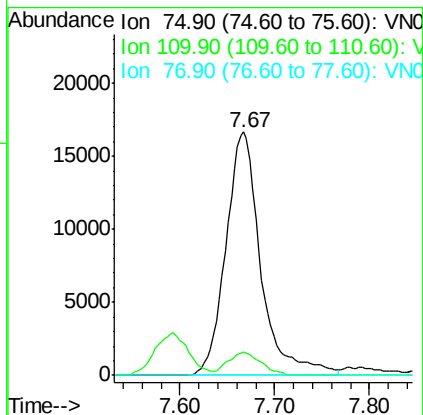
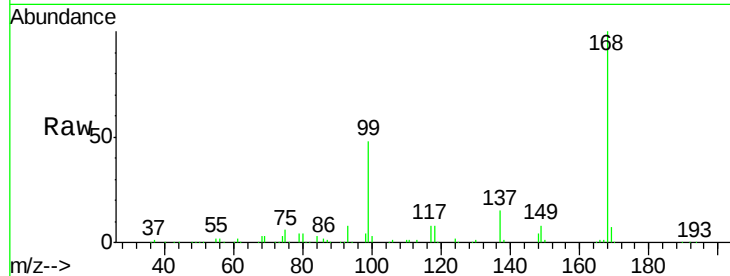
Delta R.T. -0.13 min

Lab File: VN053675.D

Acq: 8 Feb 2019 12:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 42797
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.3#
77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.295 ug/l

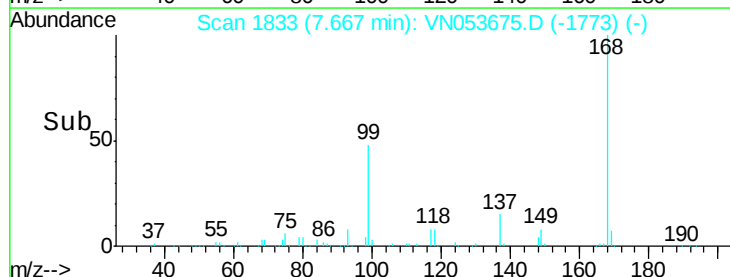
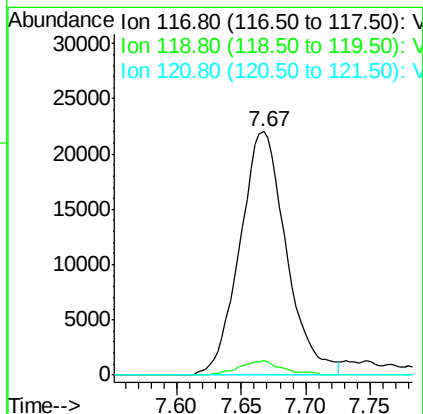
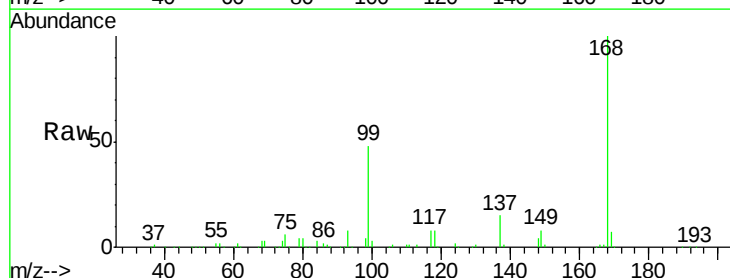
RT: 7.67 min Scan# 1833

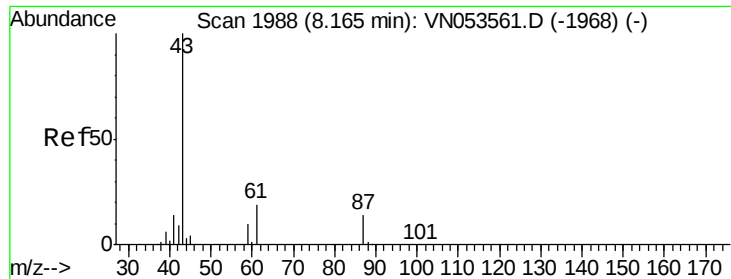
Delta R.T. -0.11 min

Lab File: VN053675.D

Acq: 8 Feb 2019 12:16

Tgt Ion: 117 Resp: 55270
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.587 ug/l

RT: 8.18 min Scan# 1994

Delta R.T. 0.02 min

Lab File: VN053675.D

Acq: 8 Feb 2019 12:16

Instrument :
MSVOA_N
ClientSampleId :

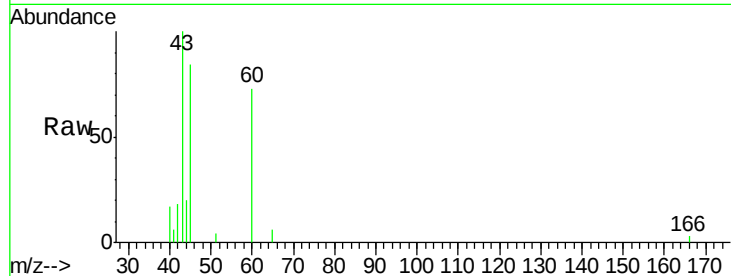
Tot Ion: 43 Resp: 6565

Ion Ratio Lower Upper

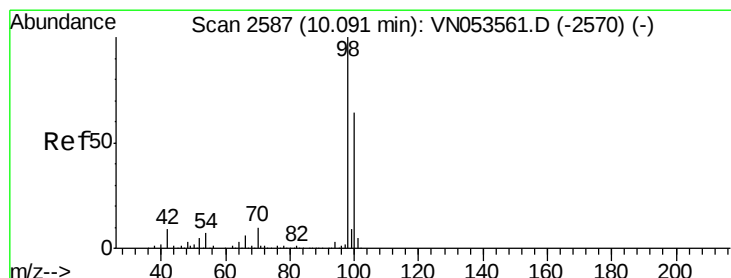
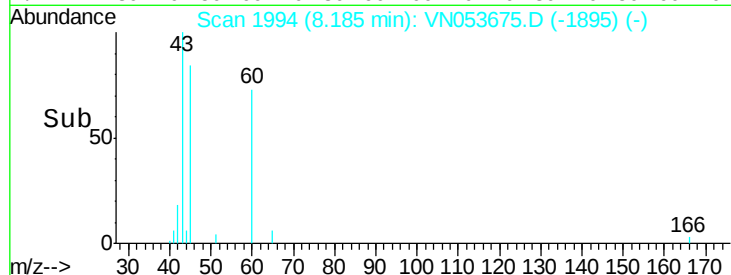
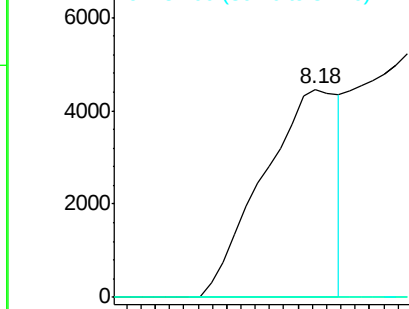
43 100

61 0.0 23.9 35.9#

87 0.0 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053675.D

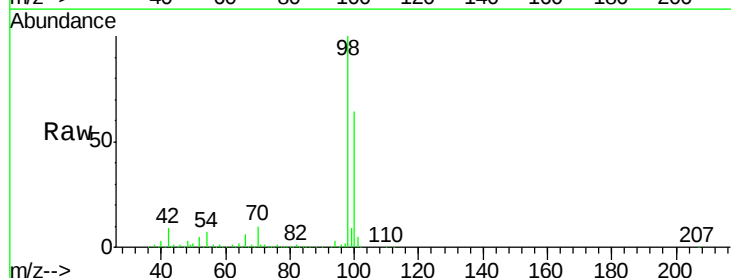
Acq: 8 Feb 2019 12:16

Tgt Ion: 98 Resp: 1370631

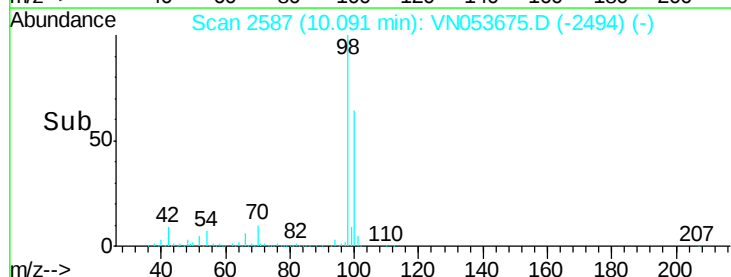
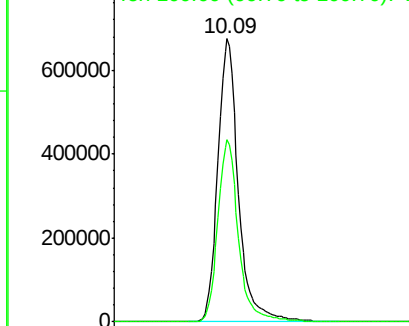
Ion Ratio Lower Upper

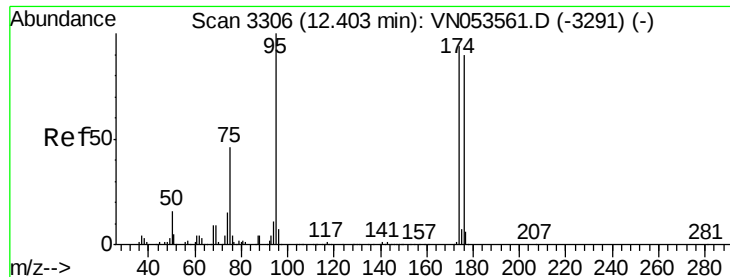
98 100

100 64.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053675.D

Acq: 8 Feb 2019 12:16

Instrument :

MSVOA_N

ClientSampleId :

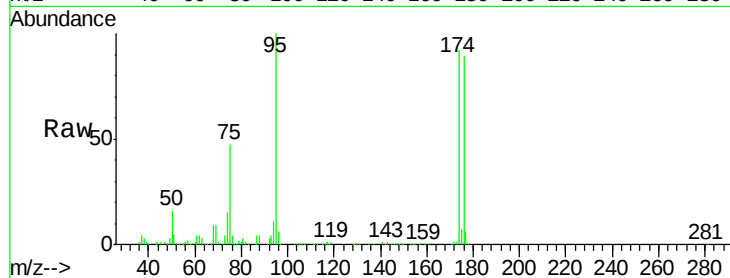
Tot Ion: 95 Resp: 442780

Ion Ratio Lower Upper

95 100

174 94.1 0.0 183.2

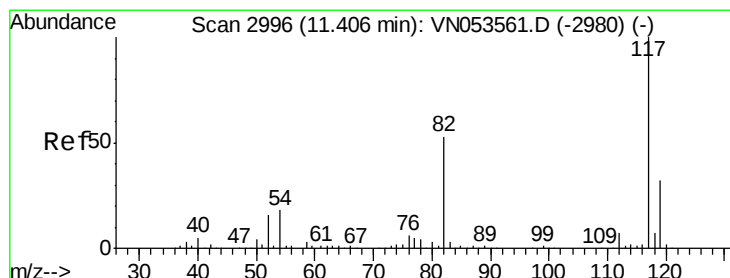
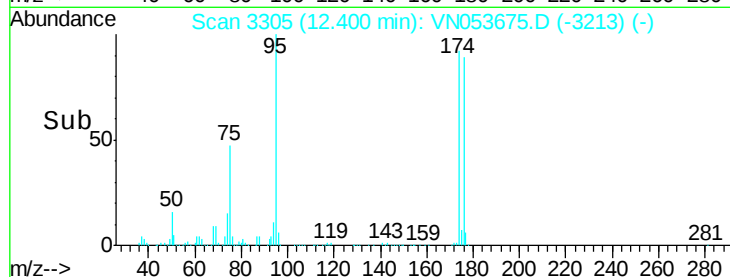
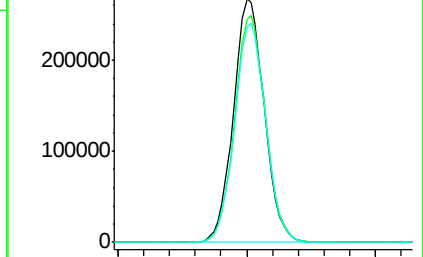
176 90.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053675.D

Acq: 8 Feb 2019 12:16

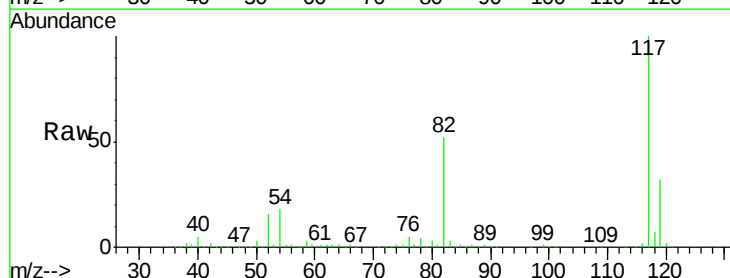
Tgt Ion: 117 Resp: 1033523

Ion Ratio Lower Upper

117 100

82 52.1 42.9 64.3

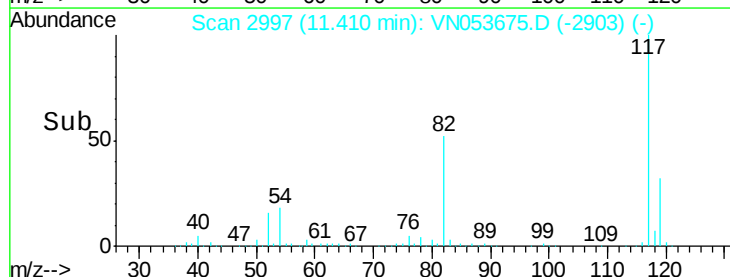
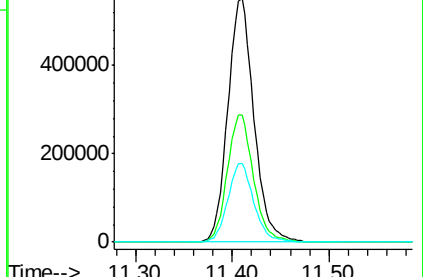
119 32.5 26.0 39.0

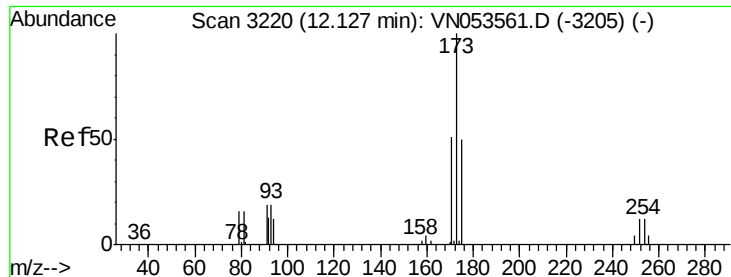


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)





#71

Bromoform

Concen: 0.492 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053675.D

Acq: 8 Feb 2019 12:16

Instrument :

MSVOA_N

ClientSampled :

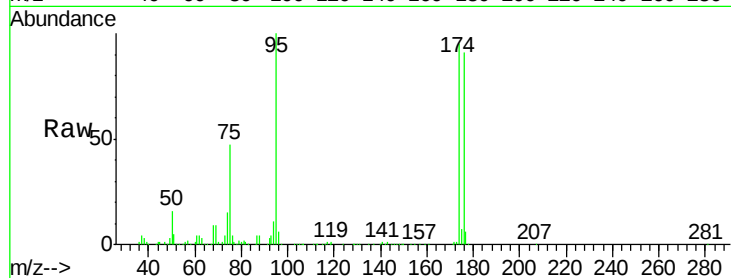
Tot Ion:173 Resp: 2584

Ion Ratio Lower Upper

173 100

175 1015.6 24.6 74.0#

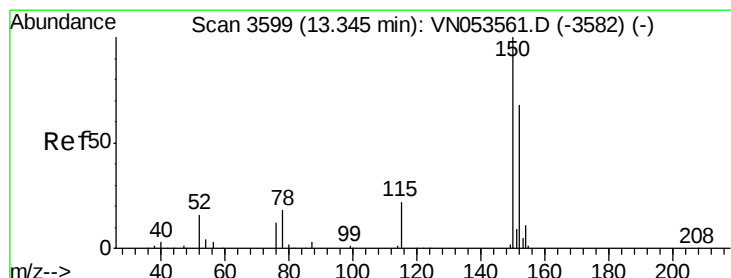
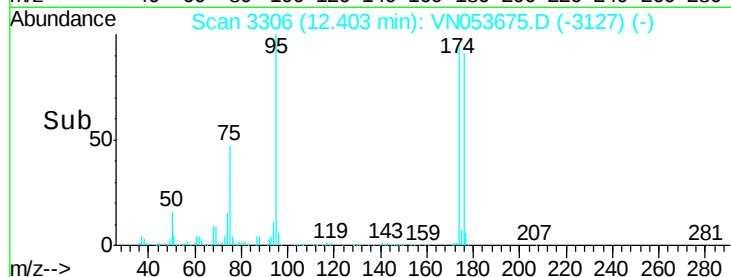
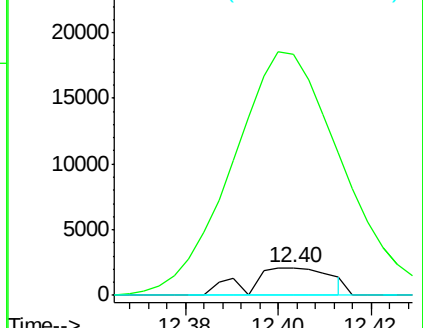
254 0.0 0.2 0.2#



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: VN053675.D

Acq: 8 Feb 2019 12:16

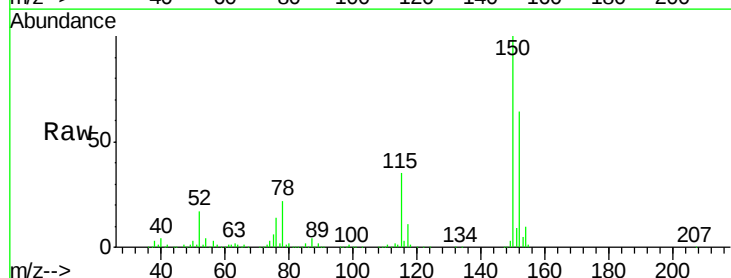
Tgt Ion:152 Resp: 401878

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.4

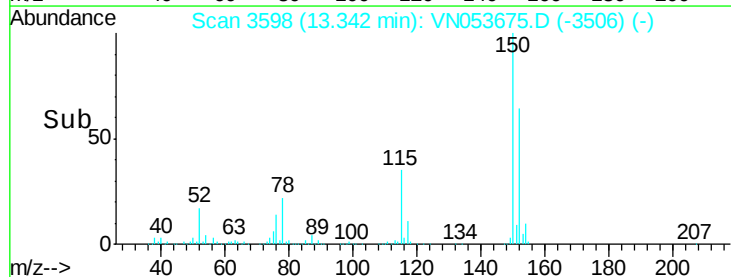
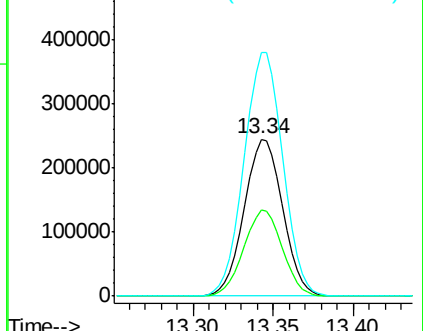
150 156.6 0.0 349.0

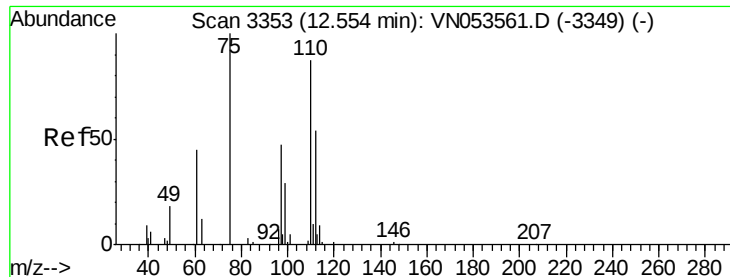


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 39.994 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053675.D

Acq: 8 Feb 2019 12:16

Instrument :

MSVOA_N

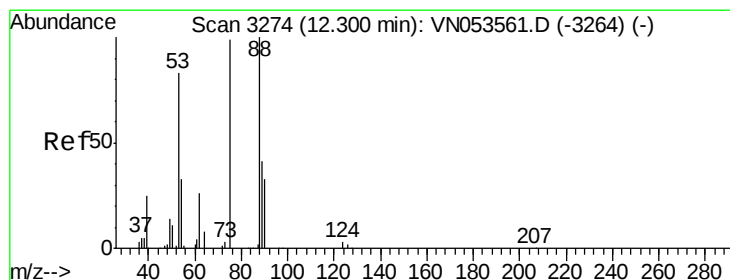
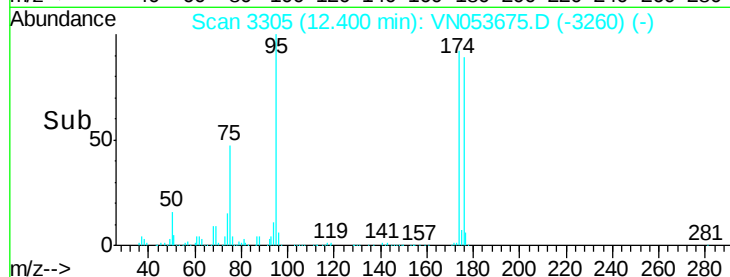
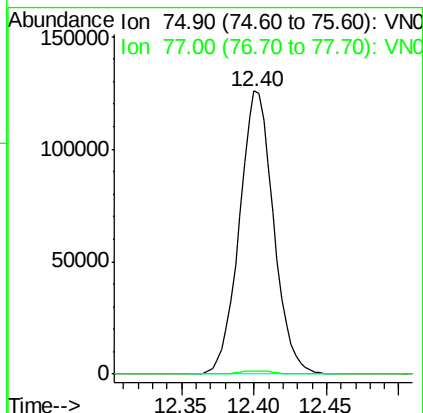
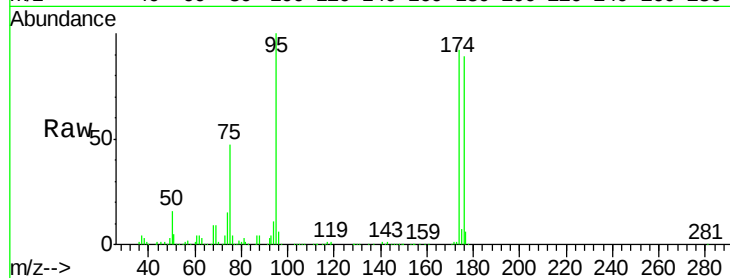
ClientSampleId :

Tot Ion: 75 Resp: 206446

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 112.461 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053675.D

Acq: 8 Feb 2019 12:16

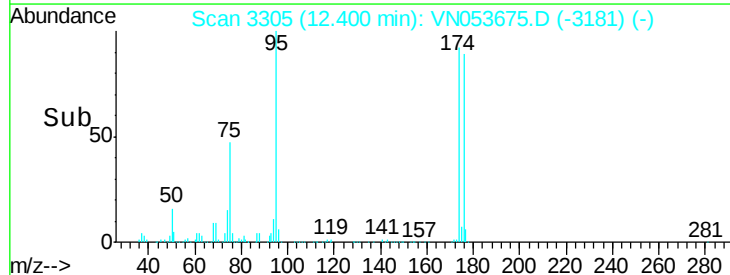
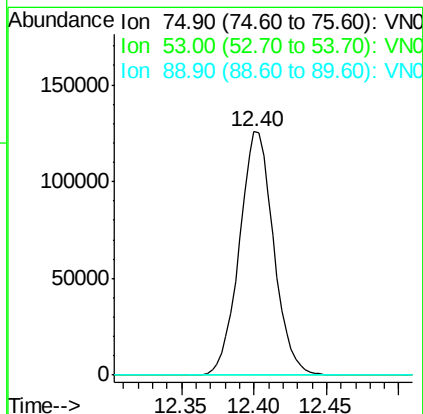
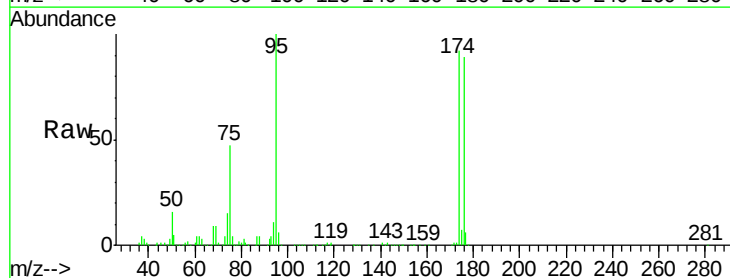
Tgt Ion: 75 Resp: 206446

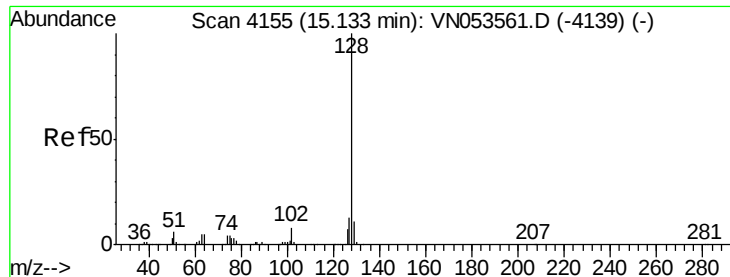
Ion Ratio Lower Upper

75 100

53 0.1 69.8 104.6#

89 0.0 35.6 53.4#

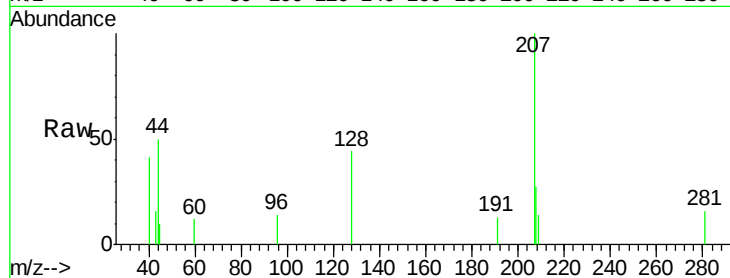




#95
Naphthalene
Concen: 1.814 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053675.D
Acq: 8 Feb 2019 12:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#



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

