

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053695.D
 Acq On : 11 Feb 2019 10:44
 Operator : JC/SP
 Sample : VN0211WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBL01

Quant Time: Feb 11 22:05:20 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	7.66	168	657953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1096184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1008824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	382972	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	353211	53.51	ug/l	0.00
Spiked Amount			Recovery	=	107.02%	
35) Dibromofluoromethane	7.59	113	355997	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	
50) Toluene-d8	10.09	98	1329113	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.40	95	431588	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	

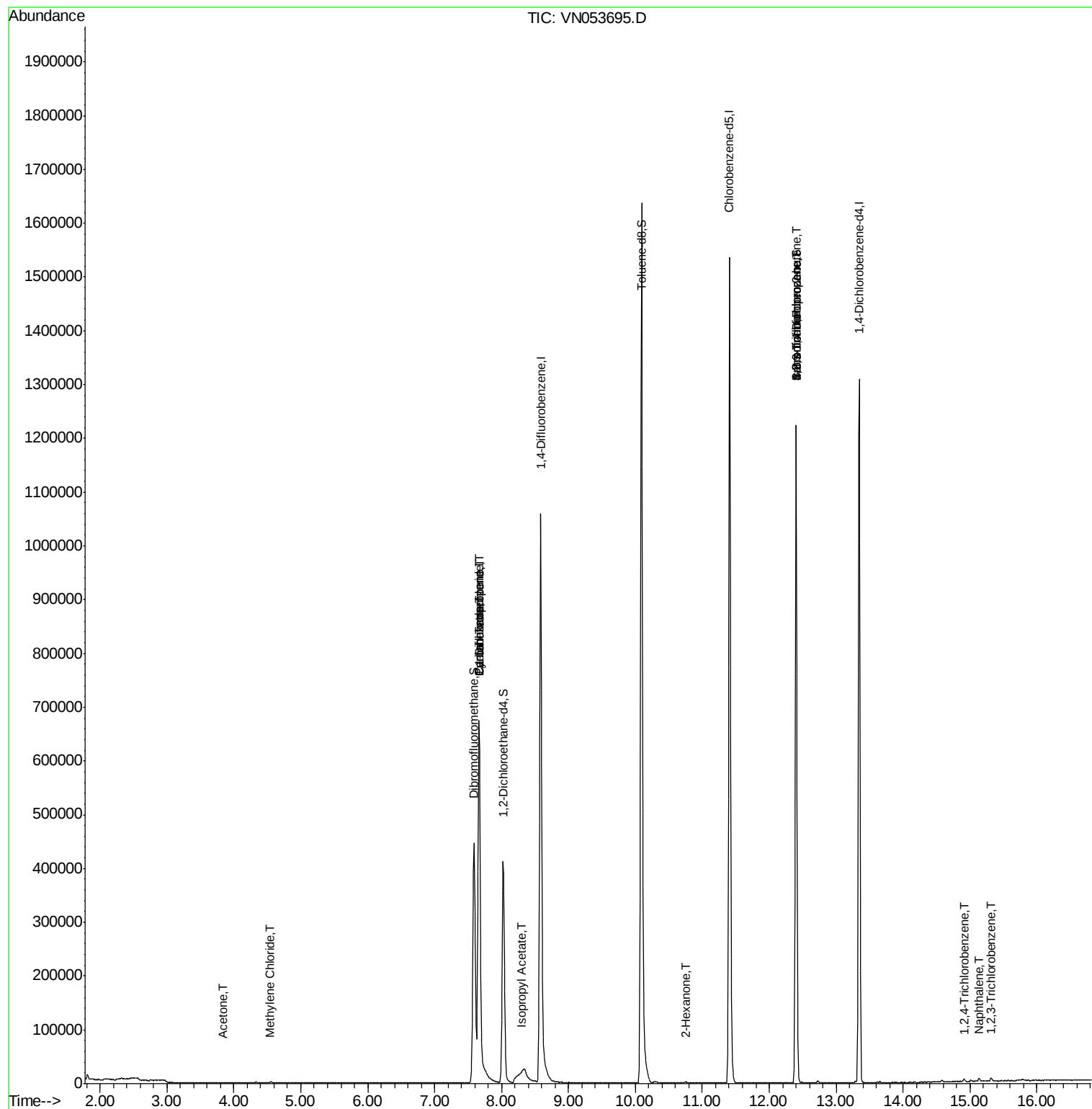
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	1112	0.657	ug/l #	41
20) Methylene Chloride	4.55	84	1821	0.256	ug/l #	80
31) Cyclohexane	7.67	56	9204	0.657	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	38960	3.943	ug/l #	48
38) Carbon Tetrachloride	7.66	117	52561	5.280	ug/l #	16
43) Isopropyl Acetate	8.29	43	29229	2.742	ug/l #	51
59) 2-Hexanone	10.75	43	2171	0.611	ug/l	75
71) Bromoform	12.40	173	2676	0.522	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	200055	40.670	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	200055	114.359	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	1917	0.268	ug/l	97
95) Naphthalene	15.13	128	5605	2.058	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.31	180	2570	0.387	ug/l	90

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021119\
Data File : VN053695.D
Acq On : 11 Feb 2019 10:44
Operator : JC/SP
Sample : VN0211WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBL01

Quant Time: Feb 11 22:05:20 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: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053695.D

Acq: 11 Feb 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

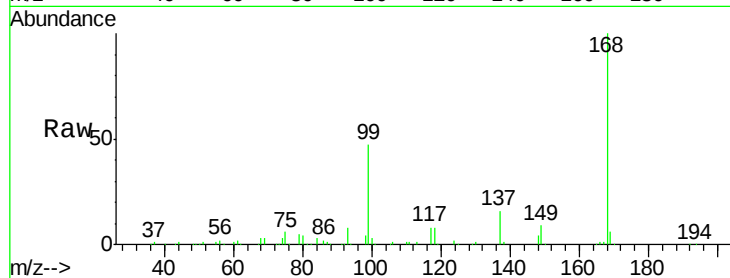
VN0211WBL01

Tot Ion:168 Resp: 657953

Ion Ratio Lower Upper

168 100

99 47.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

250000

200000

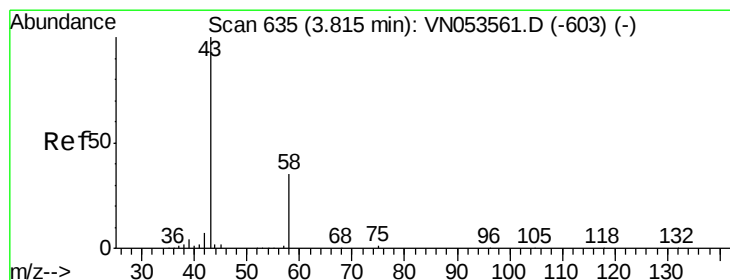
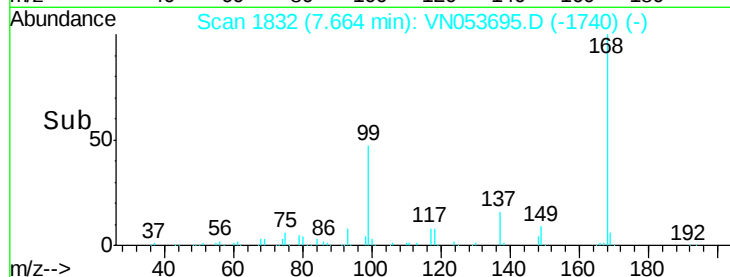
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 0.657 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN053695.D

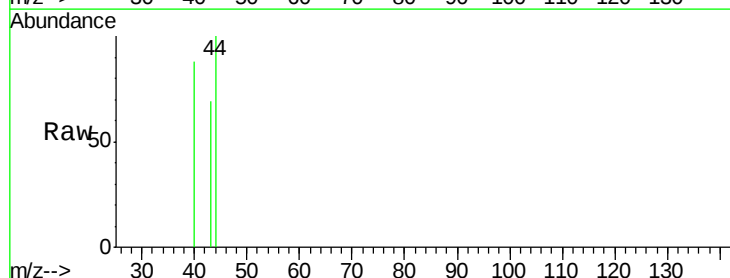
Acq: 11 Feb 2019 10:44

Tgt Ion: 43 Resp: 1112

Ion Ratio Lower Upper

43 100

58 0.0 27.1 40.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

600

500

400

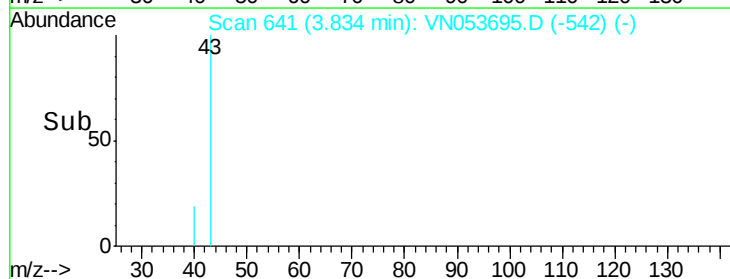
300

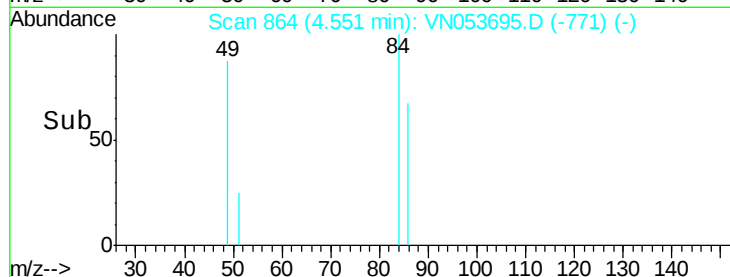
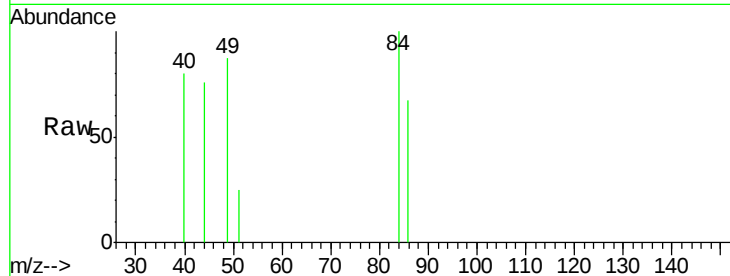
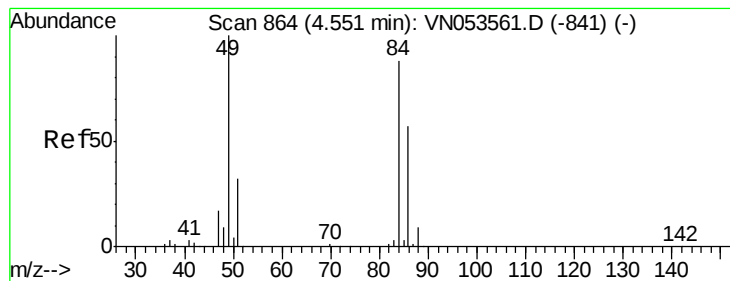
200

100

0

Time-->





#20

Methvlene Chloride

Concen: 0.256 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN053695.D

Acq: 11 Feb 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0211WBL01

Tot Ion: 84 Resp: 1821

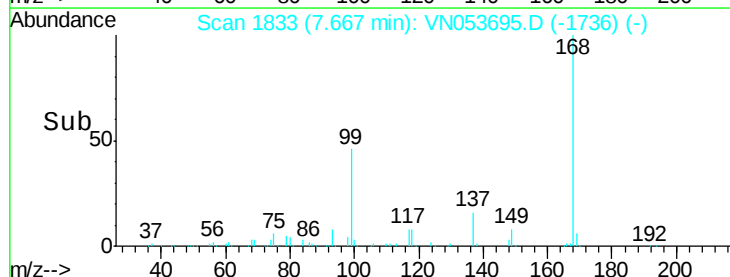
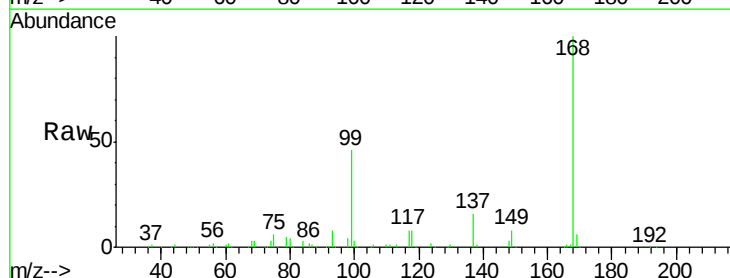
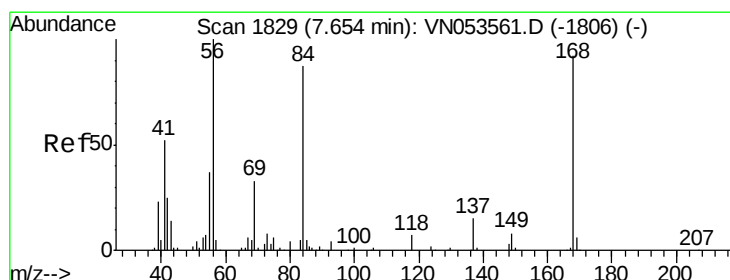
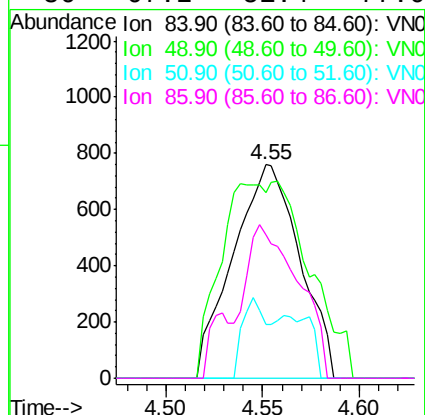
Ion Ratio Lower Upper

84 100

49 87.0 94.3 141.5#

51 25.3 29.4 44.2#

86 67.2 51.4 77.0



#31

Cyclohexane

Concen: 0.657 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053695.D

Acq: 11 Feb 2019 10:44

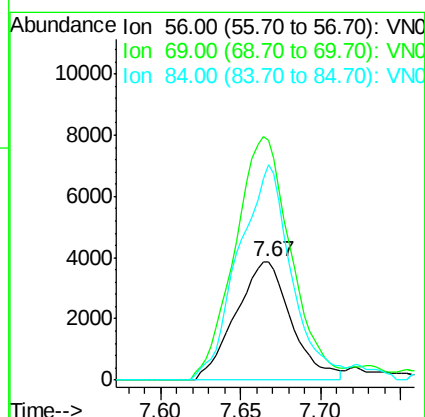
Tgt Ion: 56 Resp: 9204

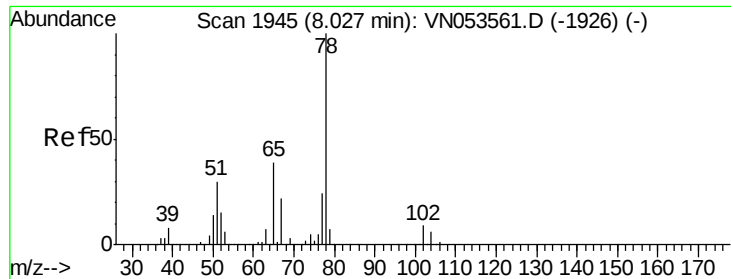
Ion Ratio Lower Upper

56 100

69 203.1 26.4 39.6#

84 181.5 67.9 101.9#





#33

1,2-Dichloroethane-d4

Concen: 53.513 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053695.D

Acq: 11 Feb 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

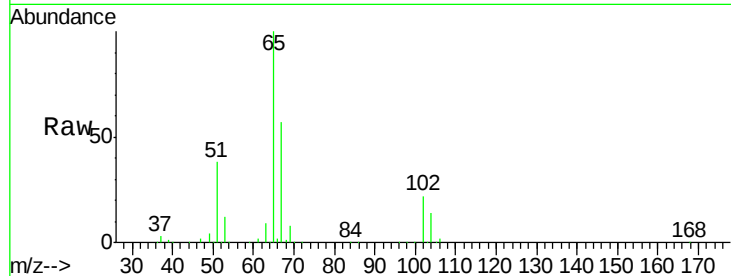
VN0211WBL01

Tot Ion: 65 Resp: 353211

Ion Ratio Lower Upper

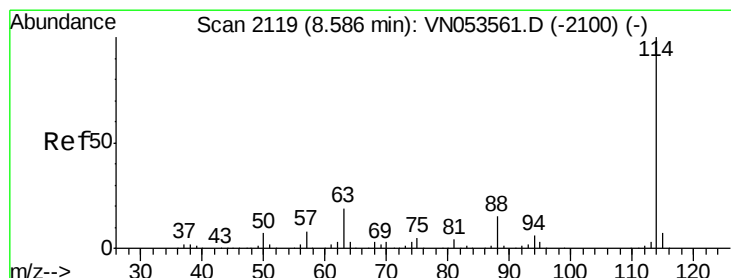
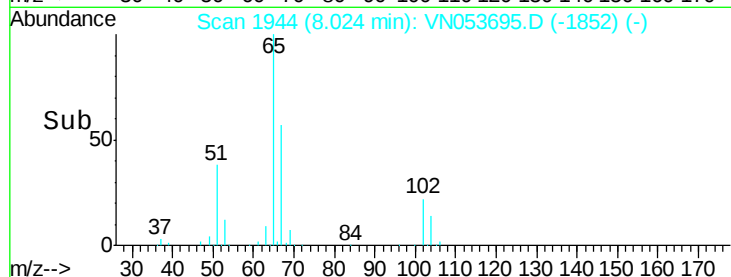
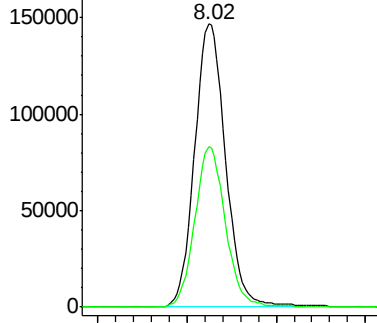
65 100

67 56.3 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: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN053695.D

Acq: 11 Feb 2019 10:44

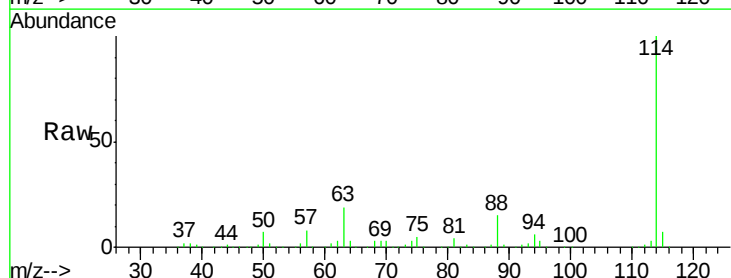
Tgt Ion: 114 Resp: 1096184

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

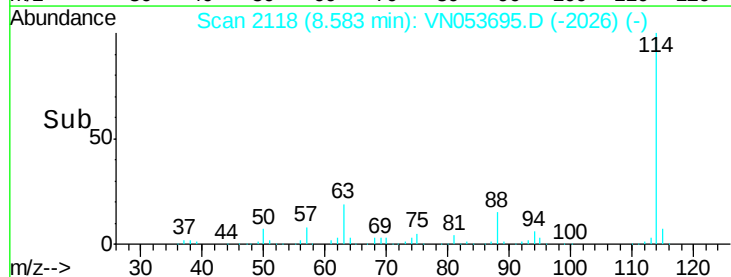
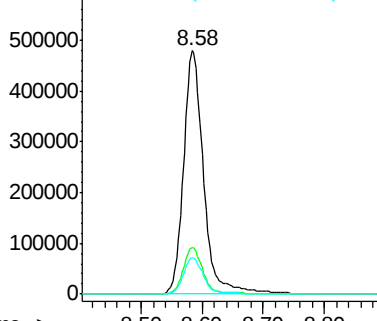
88 15.0 0.0 30.4

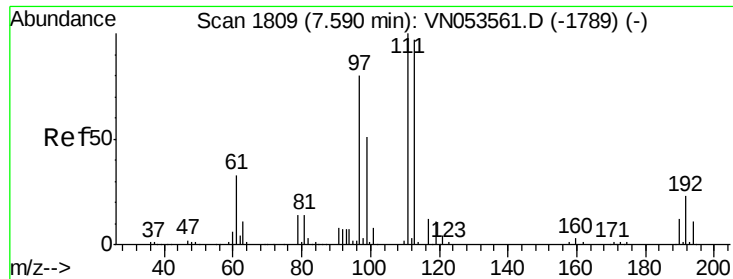


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

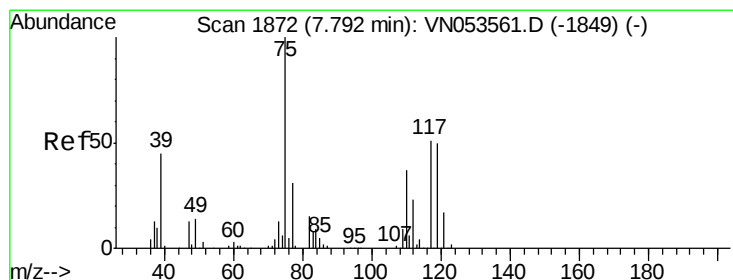
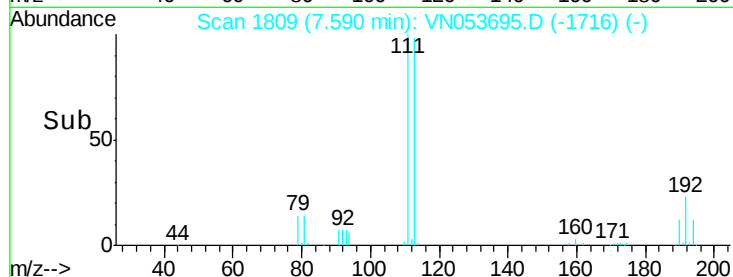
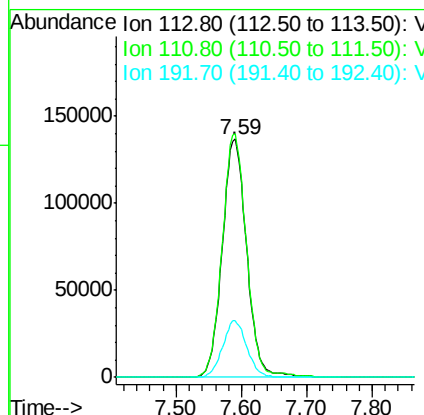
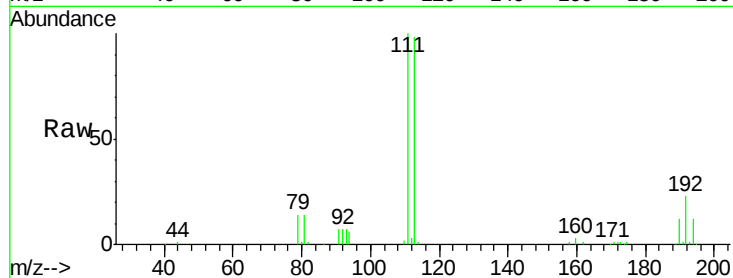




#35
 Dibromofluoromethane
 Concen: 51.397 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053695.D
 Acq: 11 Feb 2019 10:44

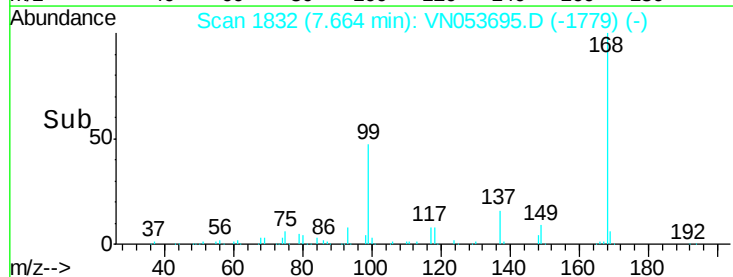
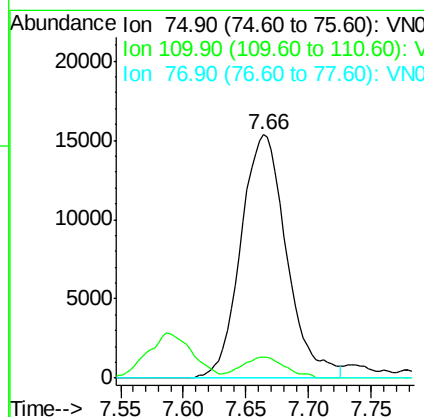
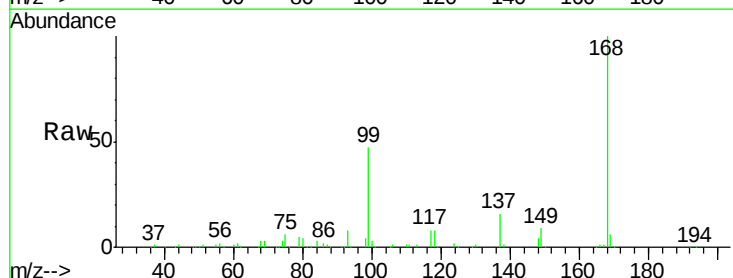
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBL01

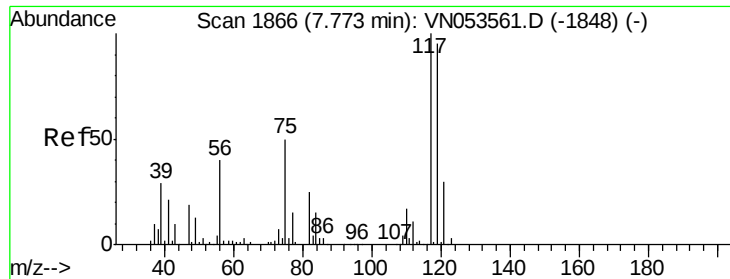
Tot Ion:113 Resp: 355997
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.1 121.7
 192 23.4 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 3.943 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053695.D
 Acq: 11 Feb 2019 10:44

Tgt Ion: 75 Resp: 38960
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.1 54.3#
 77 0.0 25.1 37.7#

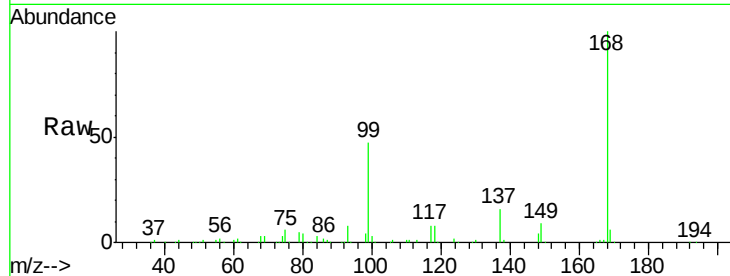




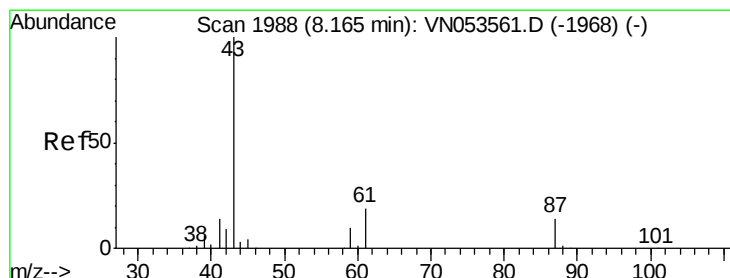
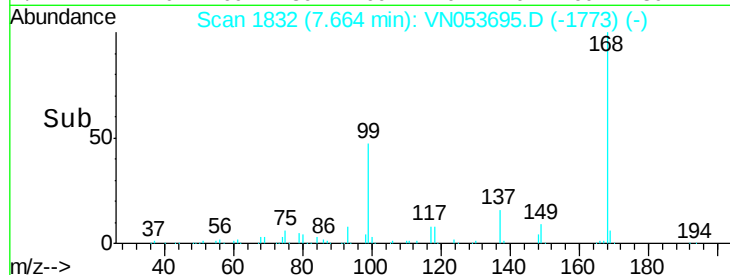
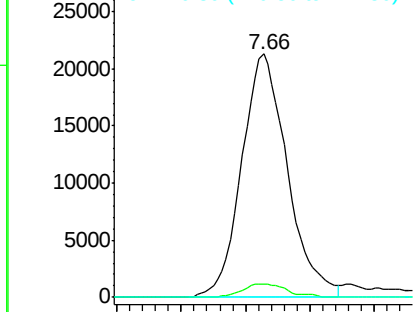
#38
Carbon Tetrachloride
Concen: 5.280 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN053695.D
Acq: 11 Feb 2019 10:44

Instrument :
MSVOA_N
ClientSampled :
VN0211WBL01

Tot Ion:117 Resp: 52561
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 24.6 37.0#

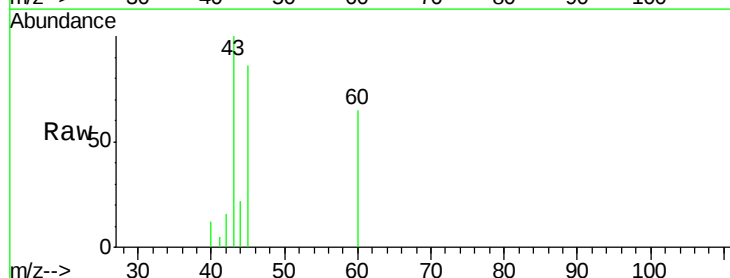


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

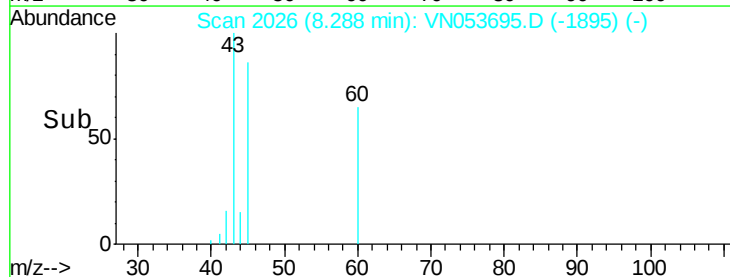
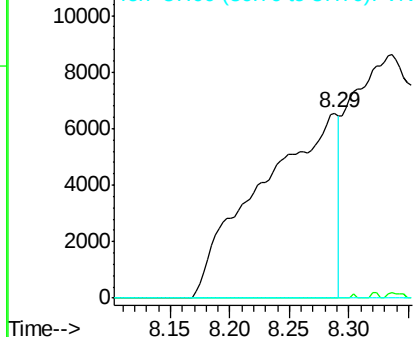


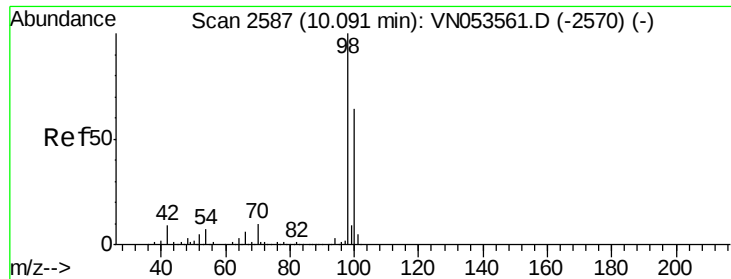
#43
Isopropyl Acetate
Concen: 2.742 ug/l
RT: 8.29 min Scan# 2026
Delta R.T. 0.12 min
Lab File: VN053695.D
Acq: 11 Feb 2019 10:44

Tgt Ion: 43 Resp: 29229
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): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 51.105 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053695.D

Acq: 11 Feb 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

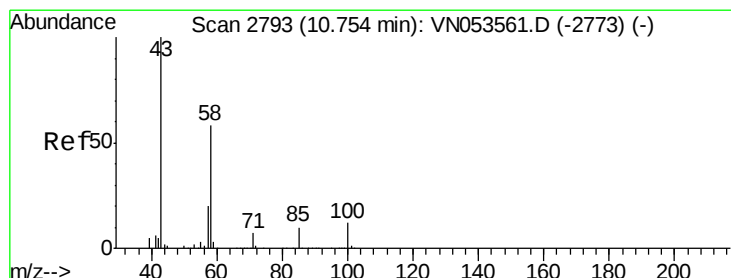
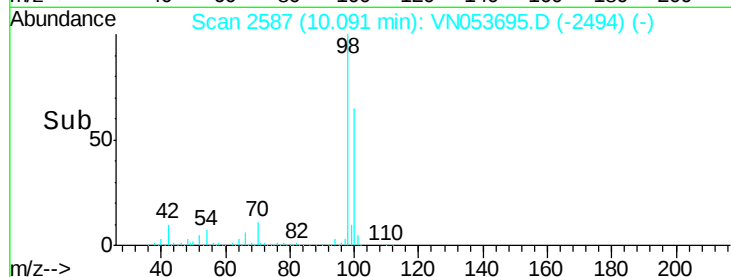
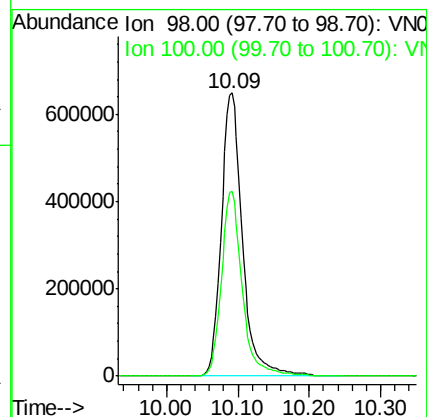
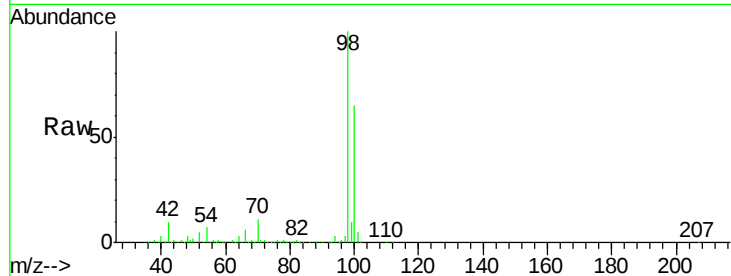
VN0211WBL01

Tot Ion: 98 Resp: 1329113

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0



#59

2-Hexanone

Concen: 0.611 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN053695.D

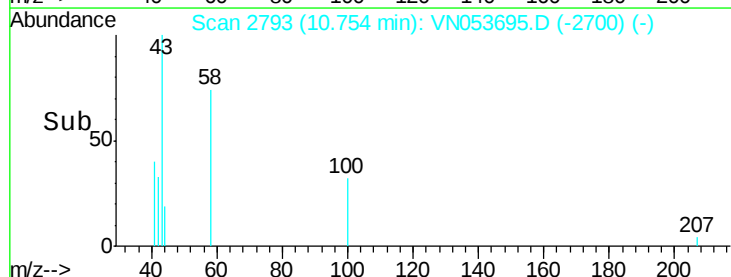
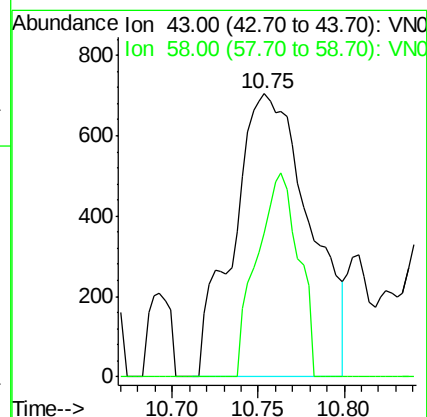
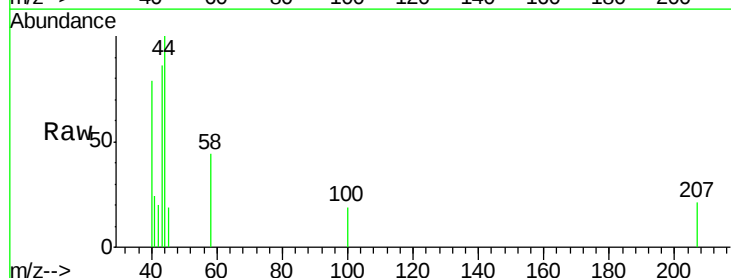
Acq: 11 Feb 2019 10:44

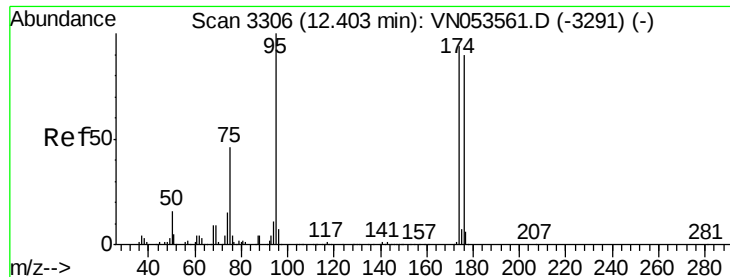
Tgt Ion: 43 Resp: 2171

Ion Ratio Lower Upper

43 100

58 39.0 28.6 85.8





#62

4-Bromofluorobenzene

Concen: 49.757 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053695.D

Acq: 11 Feb 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0211WBL01

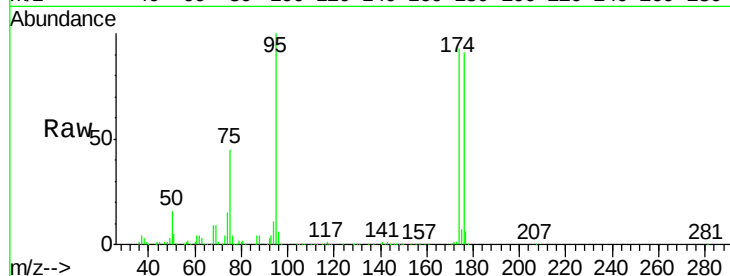
Tot Ion: 95 Resp: 431588

Ion Ratio Lower Upper

95 100

174 92.6 0.0 183.2

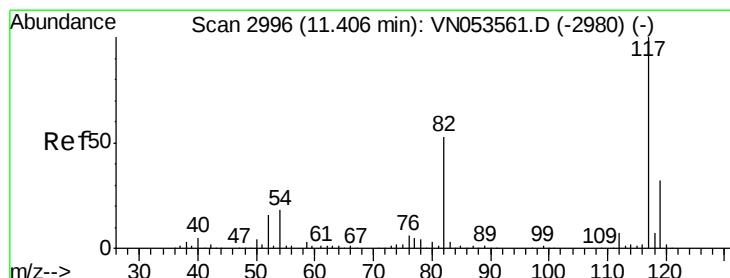
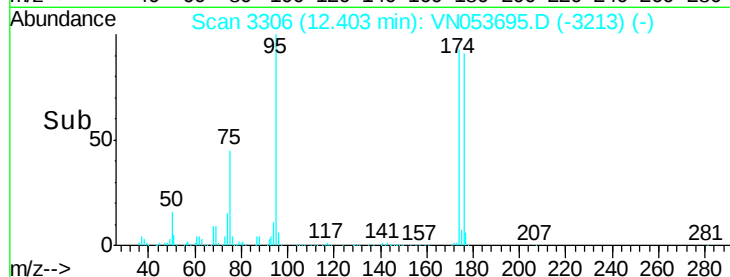
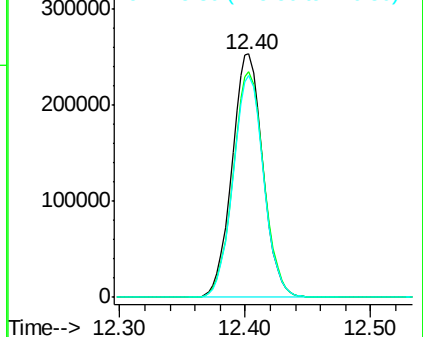
176 90.3 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053695.D

Acq: 11 Feb 2019 10:44

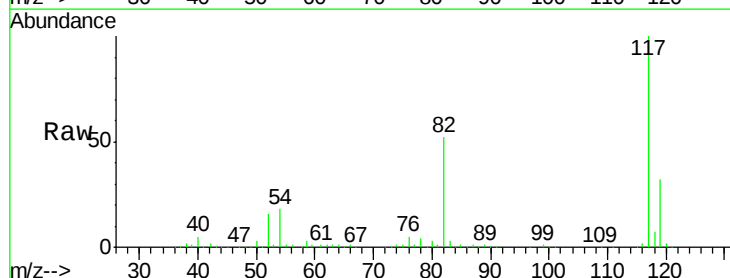
Tgt Ion: 117 Resp: 1008824

Ion Ratio Lower Upper

117 100

82 52.1 42.9 64.3

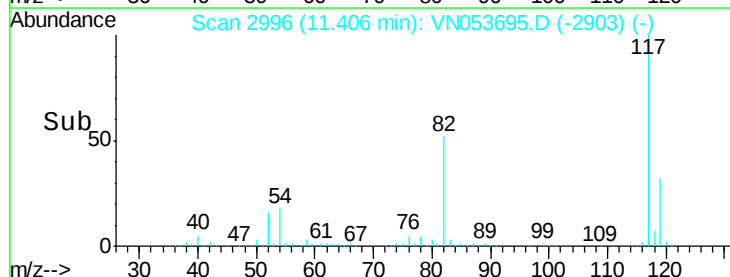
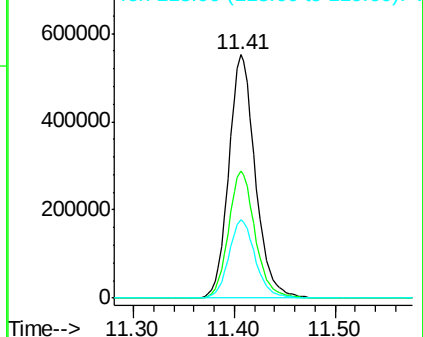
119 32.0 26.0 39.0

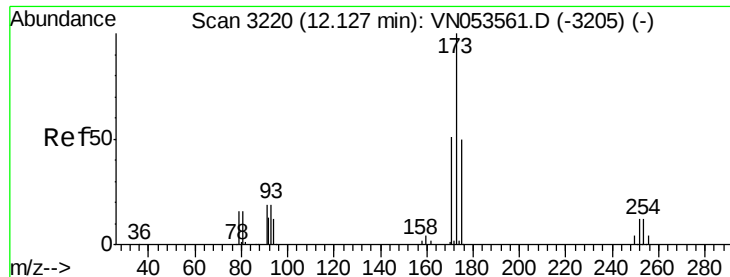


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

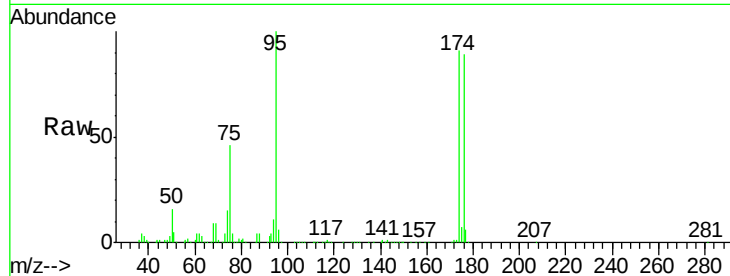




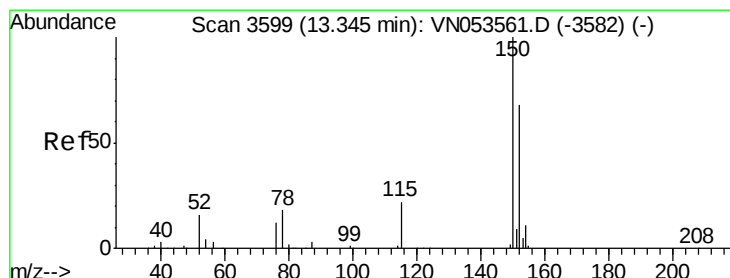
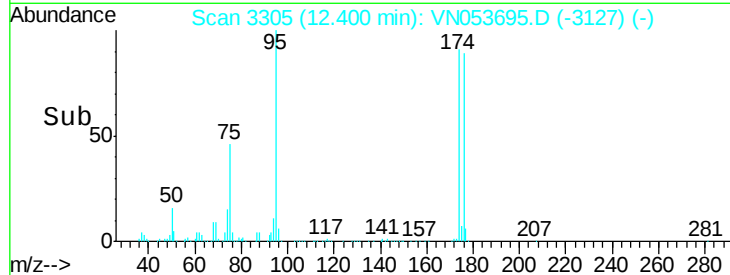
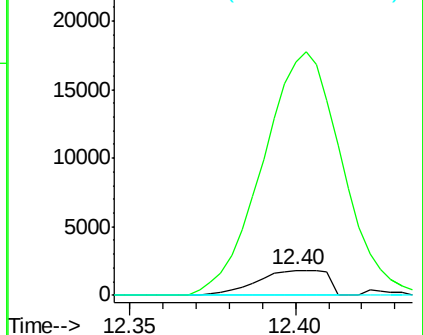
#71
Bromoform
Concen: 0.522 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053695.D
Acq: 11 Feb 2019 10:44

Instrument :
MSVOA_N
ClientSampled :
VN0211WBL01

Tot Ion:173 Resp: 2676
Ion Ratio Lower Upper
173 100
175 958.3 24.6 74.0#
254 0.0 0.2 0.2#

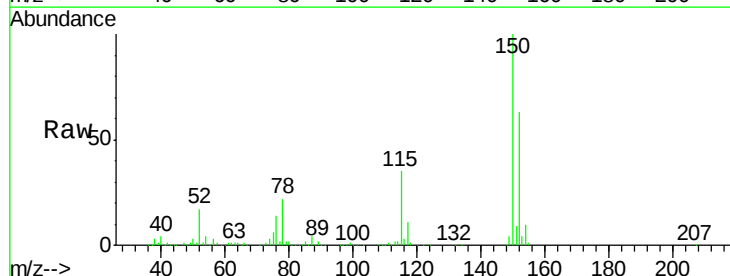


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

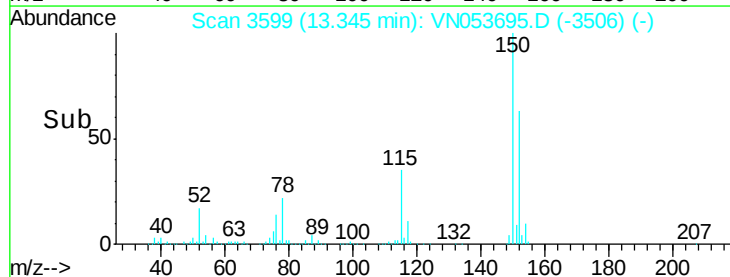
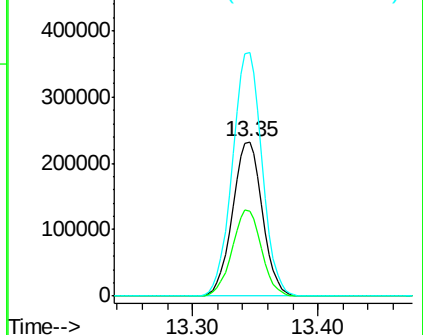


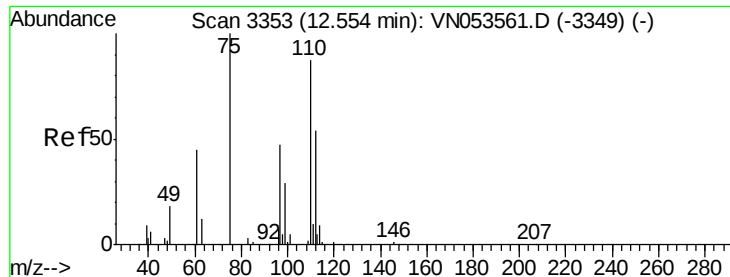
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053695.D
Acq: 11 Feb 2019 10:44

Tgt Ion:152 Resp: 382972
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.4
150 156.9 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: 40.670 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053695.D

Acq: 11 Feb 2019 10:44

Instrument :

MSVOA_N

ClientSampleId :

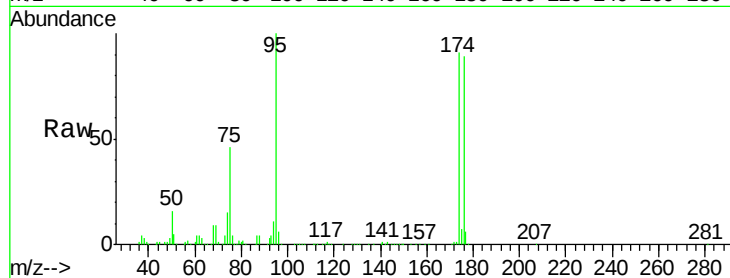
VN0211WBL01

Tot Ion: 75 Resp: 200055

Ion Ratio Lower Upper

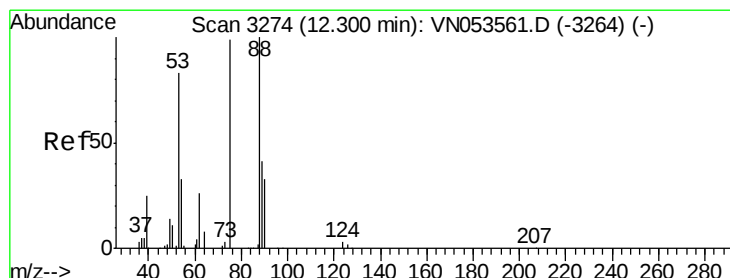
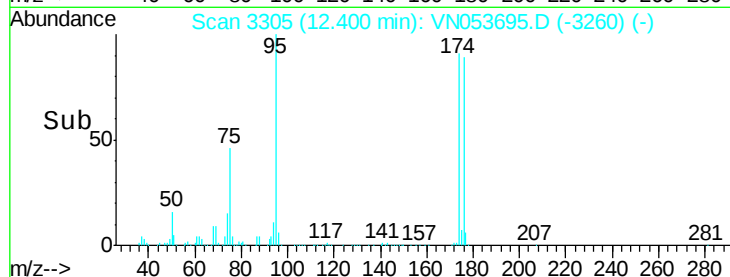
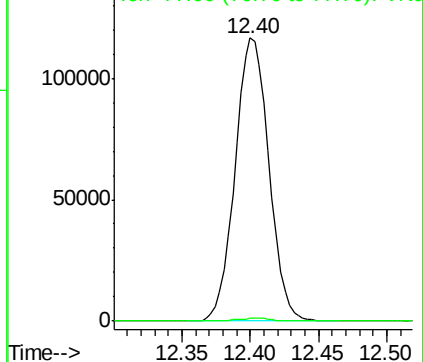
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 114.359 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053695.D

Acq: 11 Feb 2019 10:44

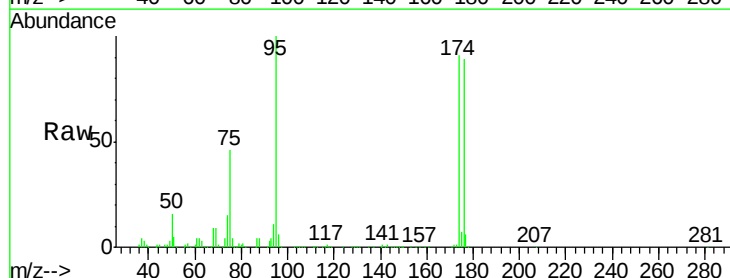
Tgt Ion: 75 Resp: 200055

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

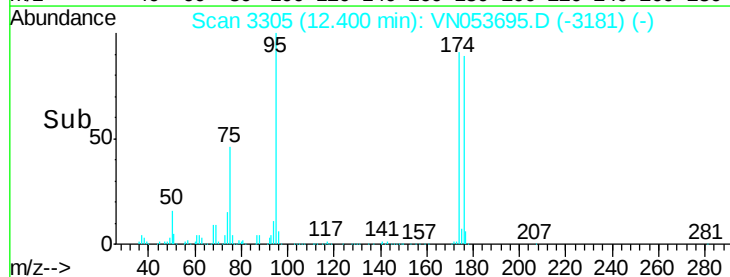
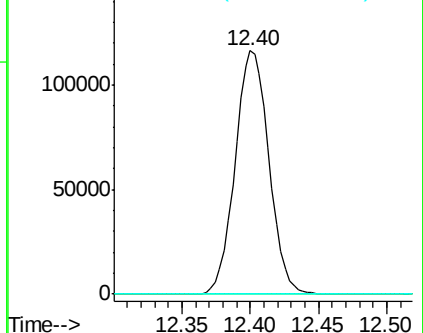
89 0.0 35.6 53.4#

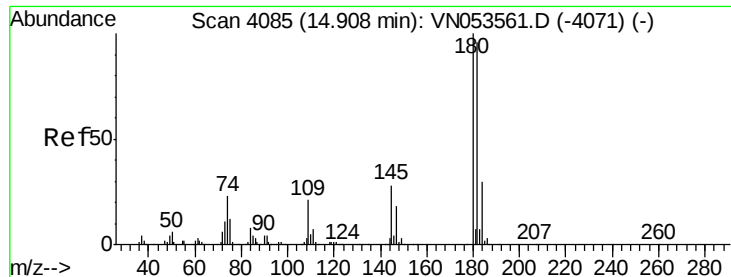


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

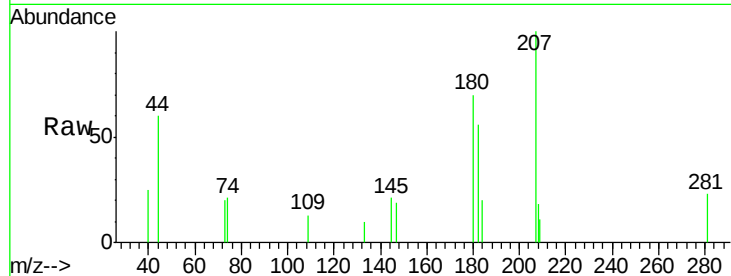




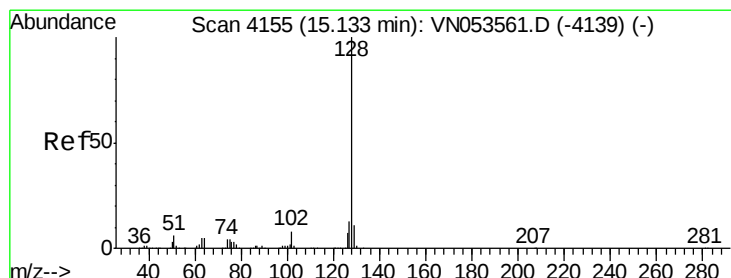
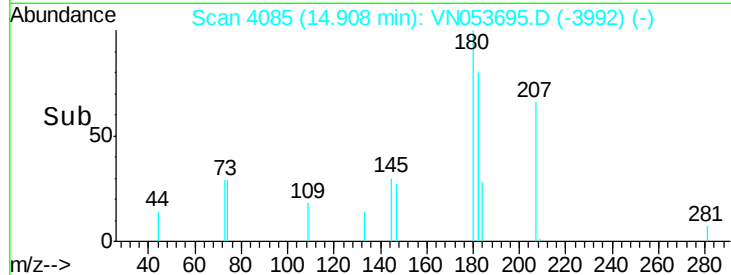
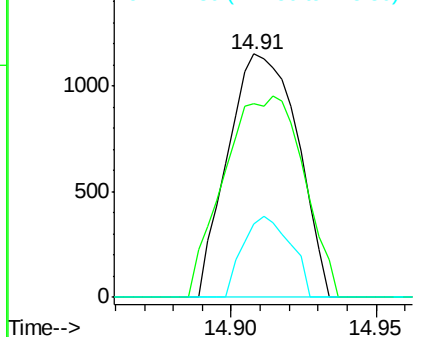
#93
 1,2,4-Trichlorobenzene
 Concen: 0.268 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053695.D
 Acq: 11 Feb 2019 10:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBL01

Tot Ion:180 Resp: 1917
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.1 144.3
 145 22.8 13.9 41.6

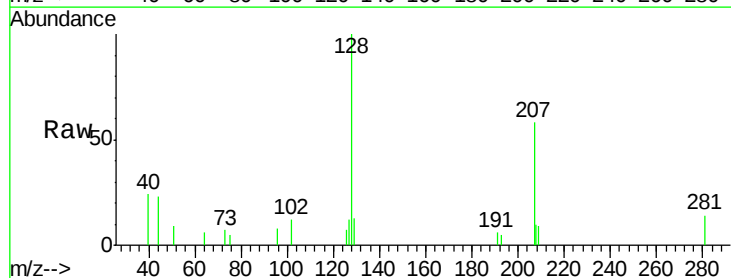


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

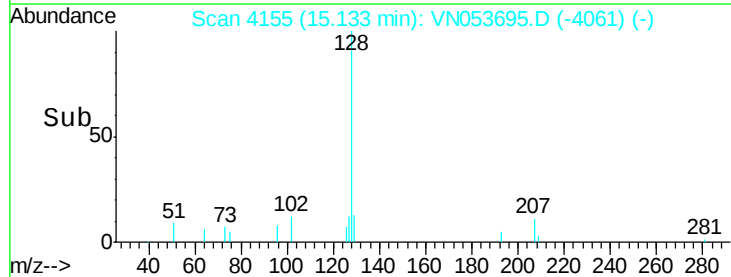
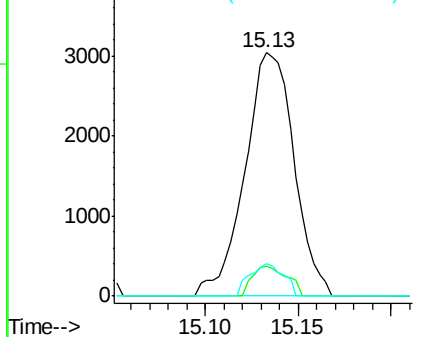


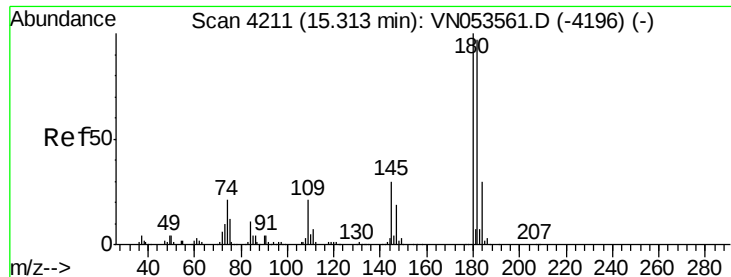
#95
 Naphthalene
 Concen: 2.058 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053695.D
 Acq: 11 Feb 2019 10:44

Tgt Ion:128 Resp: 5605
 Ion Ratio Lower Upper
 128 100
 127 8.7 10.3 15.5#
 129 9.2 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





#96
 1,2,3-Trichlorobenzene
 Concen: 0.387 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN053695.D
 Acq: 11 Feb 2019 10:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBL01

Tot Ion:180 Resp: 2570
 Ion Ratio Lower Upper
 180 100
 182 107.0 47.9 143.8
 145 25.5 14.7 44.1

