

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053477.D
 Acq On : 18 Jan 2019 17:30
 Operator : JC/SP
 Sample : K1199-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW529-2327

Quant Time: Jan 19 00:23:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	867189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1361021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1281346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	572086	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	443278	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
35) Dibromofluoromethane	7.59	113	397806	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
50) Toluene-d8	10.09	98	1688570	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.40	95	577566	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	

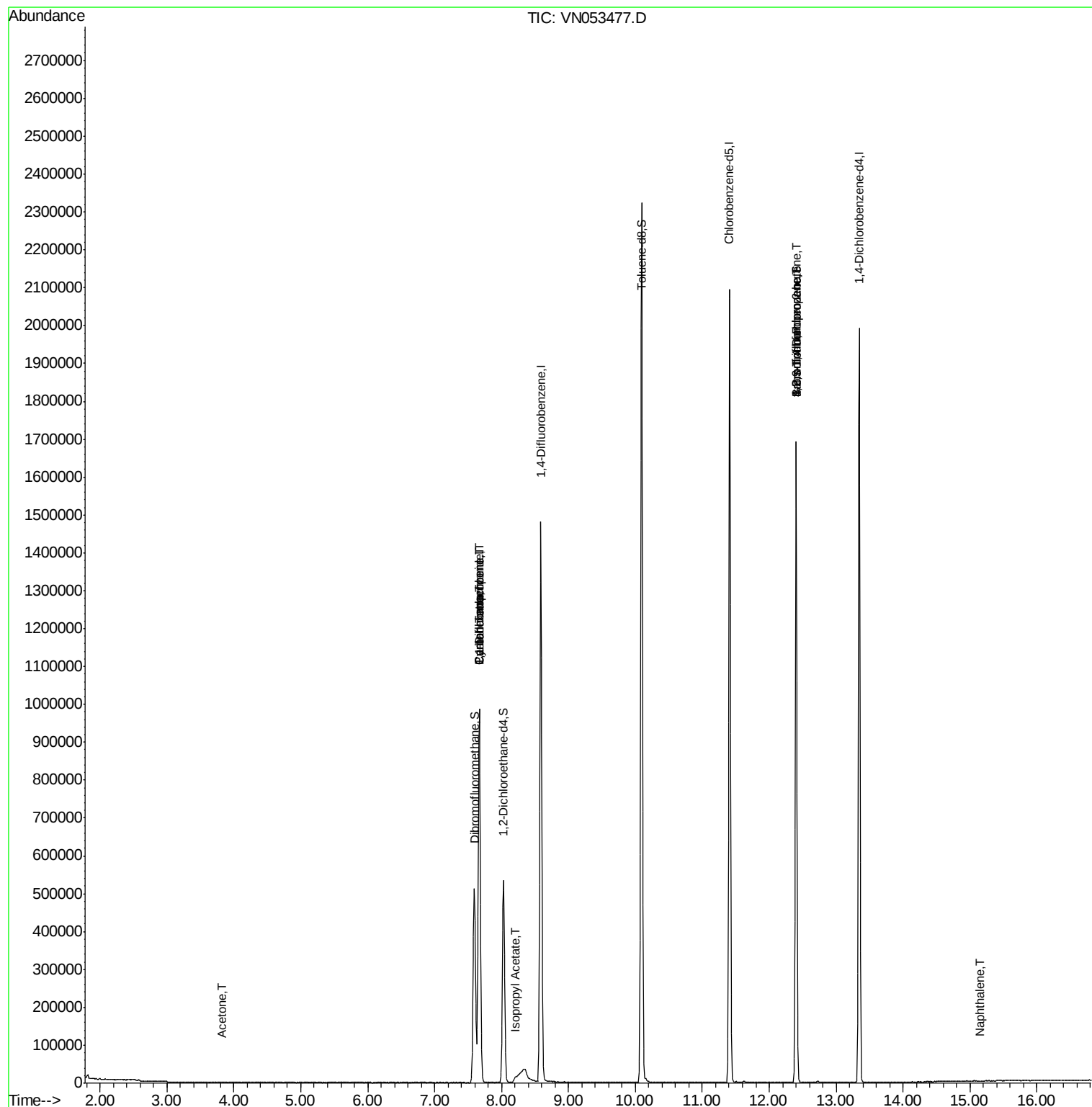
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	2236	1.112	ug/l #	87
31) Cyclohexane	7.67	56	14308	0.729	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	56162	4.531	ug/l #	49
38) Carbon Tetrachloride	7.67	117	73642	6.276	ug/l #	16
43) Isopropyl Acetate	8.20	43	7224	0.563	ug/l #	51
71) Bromoform	12.40	173	3804	0.586	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	269138	35.699	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	269138	88.302	ug/l #	15
95) Naphthalene	15.13	128	360	3.963	ug/l #	69

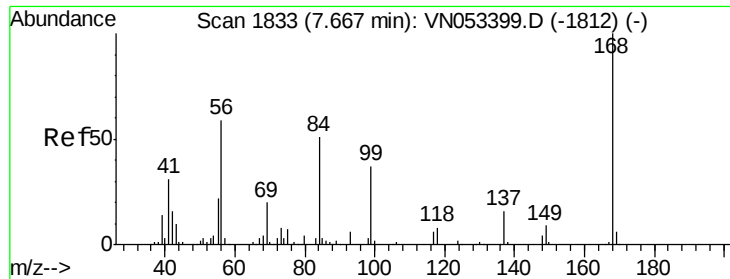
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
Data File : VN053477.D
Acq On : 18 Jan 2019 17:30
Operator : JC/SP
Sample : K1199-15
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
SA-TW529-2327

Quant Time: Jan 19 00:23:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 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: VN053477.D

Acq: 18 Jan 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

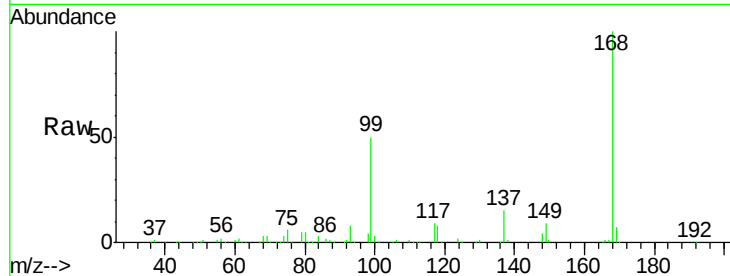
SA-TW529-2327

Tot Ion:168 Resp: 867189

Ion Ratio Lower Upper

168 100

99 49.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.67

400000

300000

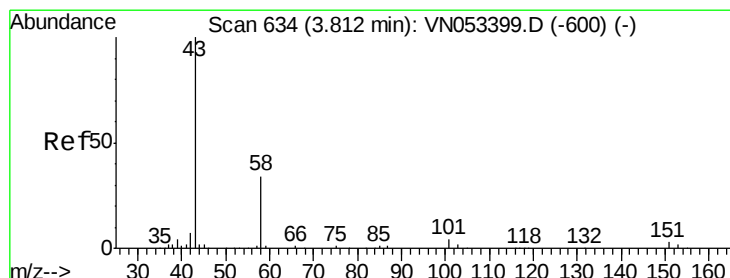
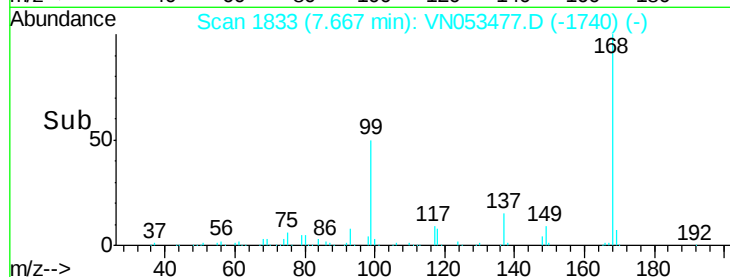
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 1.112 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053477.D

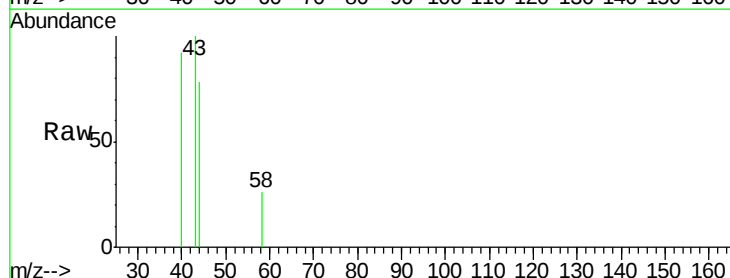
Acq: 18 Jan 2019 17:30

Tgt Ion: 43 Resp: 2236

Ion Ratio Lower Upper

43 100

58 26.3 27.1 40.7#



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN053399.D (-600) (-)

3.82

1000

800

600

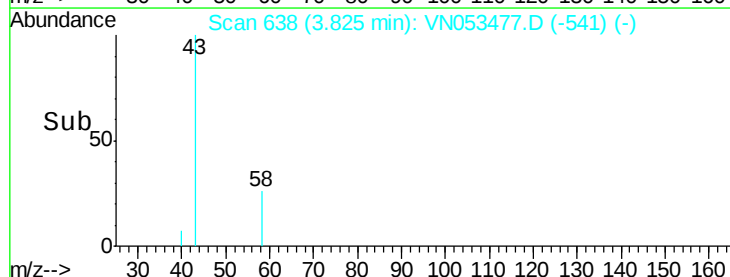
400

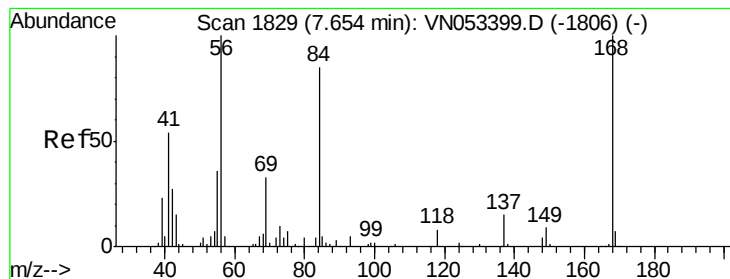
200

0

3.75 3.80 3.85 3.90

Time-->





#31

Cyclohexane

Concen: 0.729 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053477.D

Acq: 18 Jan 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

SA-TW529-2327

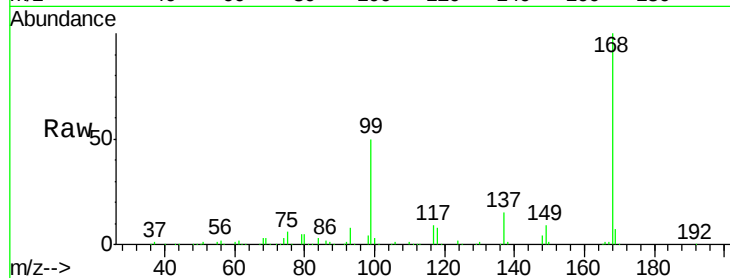
Tot Ion: 56 Resp: 14308

Ion Ratio Lower Upper

56 100

69 178.1 26.4 39.6#

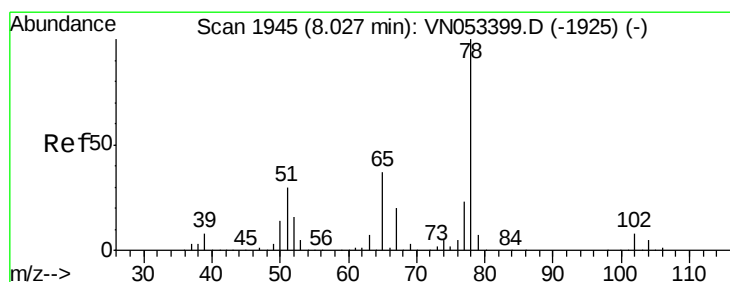
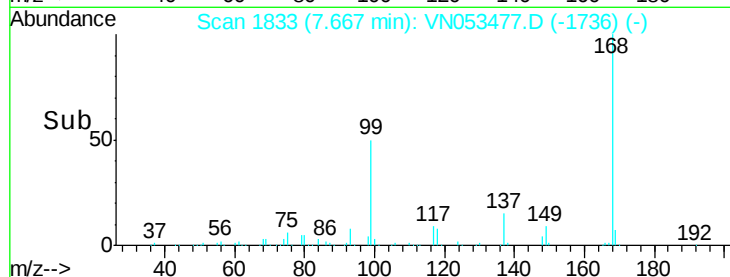
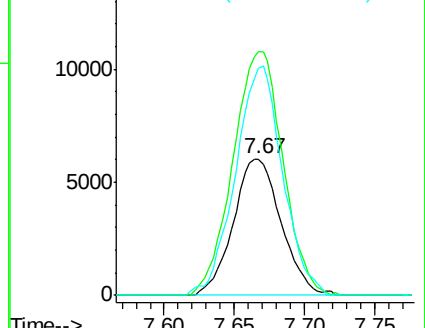
84 166.0 67.9 101.9#



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# 1946

Delta R.T. 0.00 min

Lab File: VN053477.D

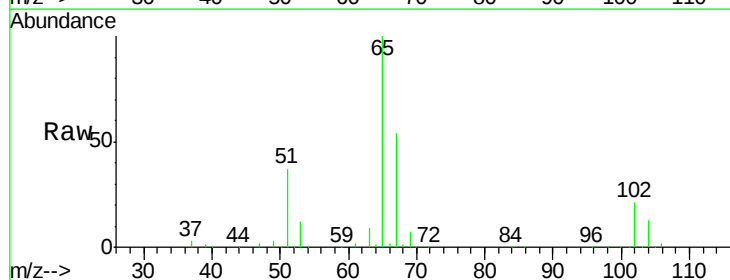
Acq: 18 Jan 2019 17:30

Tgt Ion: 65 Resp: 443278

Ion Ratio Lower Upper

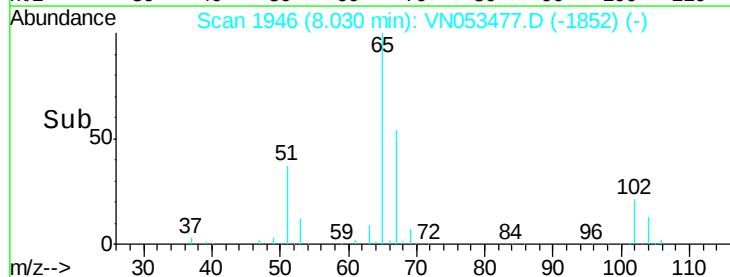
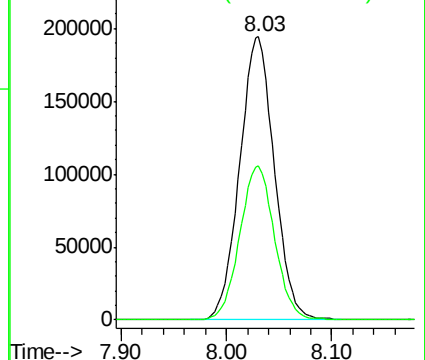
65 100

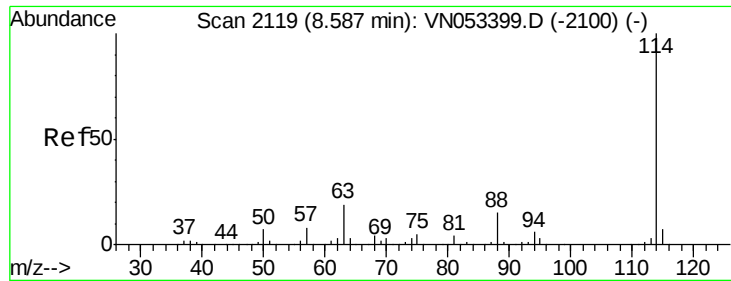
67 54.7 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

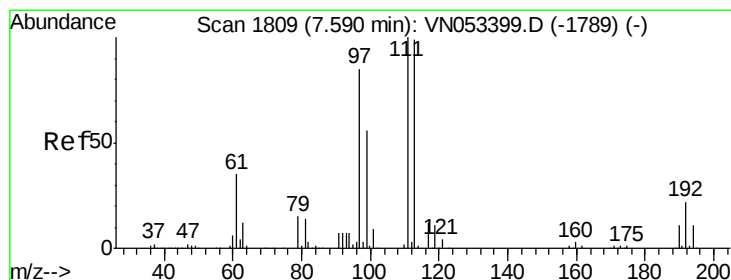
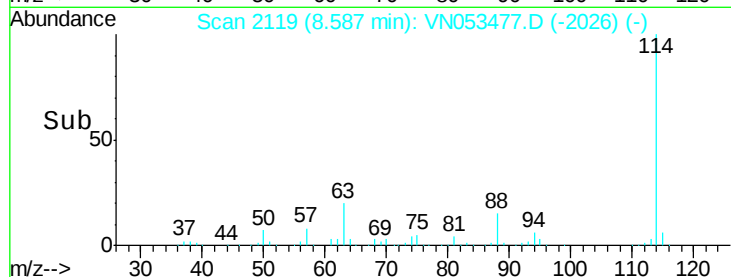
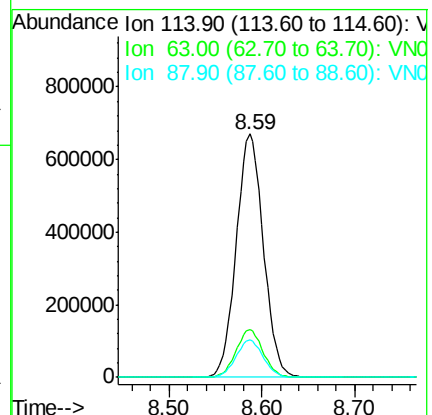
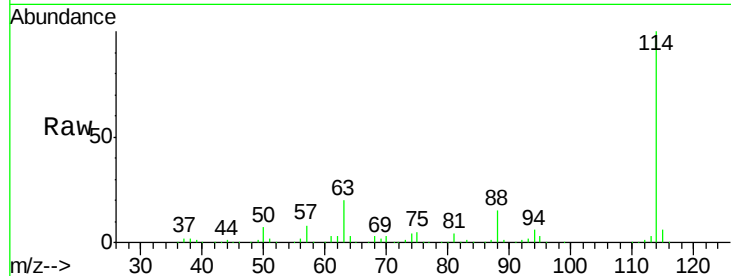




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053477.D
Acq: 18 Jan 2019 17:30

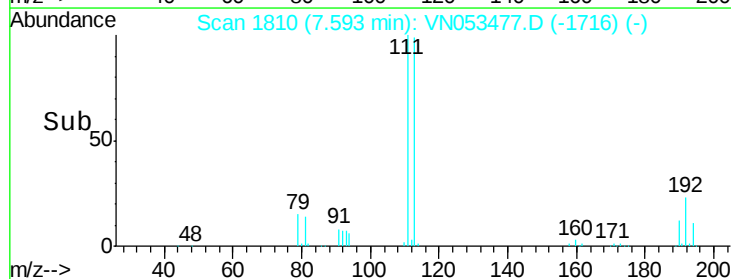
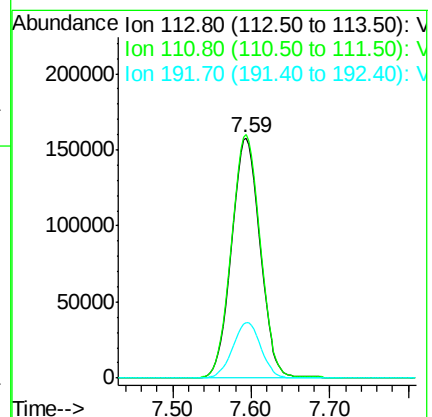
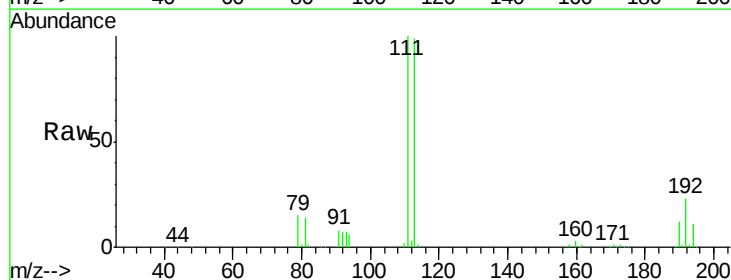
Instrument :
MSVOA_N
ClientSampleId :
SA-TW529-2327

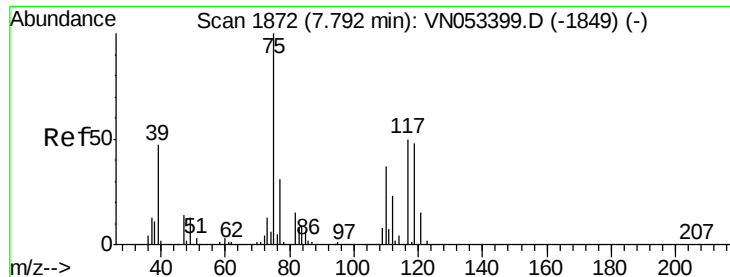
Tot Ion:114 Resp: 1361021
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.6
88 15.4 0.0 30.4



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053477.D
Acq: 18 Jan 2019 17:30

Tgt Ion:113 Resp: 397806
Ion Ratio Lower Upper
113 100
111 102.5 81.1 121.7
192 22.8 18.2 27.2





#36

1,1-Dichloropropene

Concen: 4.531 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053477.D

Acq: 18 Jan 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

SA-TW529-2327

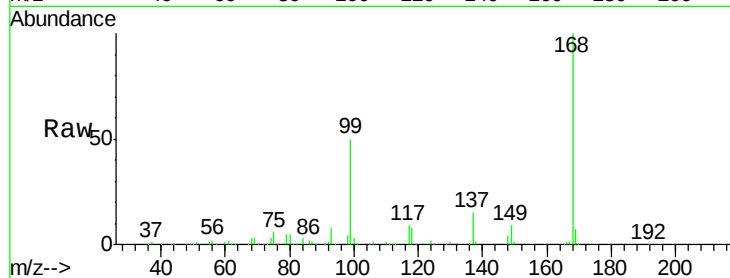
Tot Ion: 75 Resp: 56162

Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.3#

77 0.0 25.1 37.7#

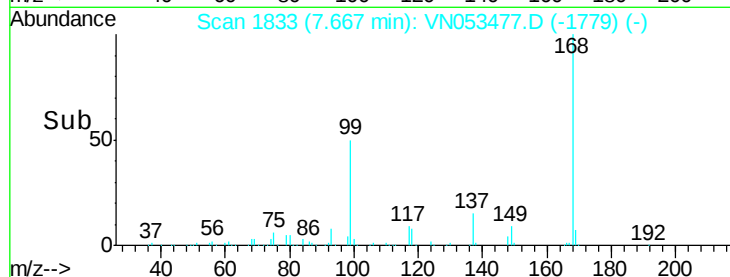


Abundance Ion 74.90 (74.60 to 75.60): VN053399.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN053399.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN053399.D (-1849) (-)

Time-->

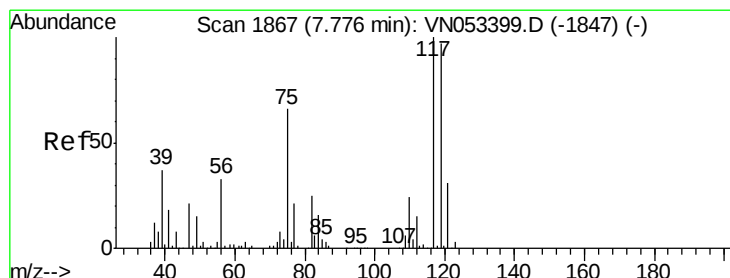


Abundance Ion 74.90 (74.60 to 75.60): VN053399.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN053399.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN053399.D (-1849) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.276 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053477.D

Acq: 18 Jan 2019 17:30

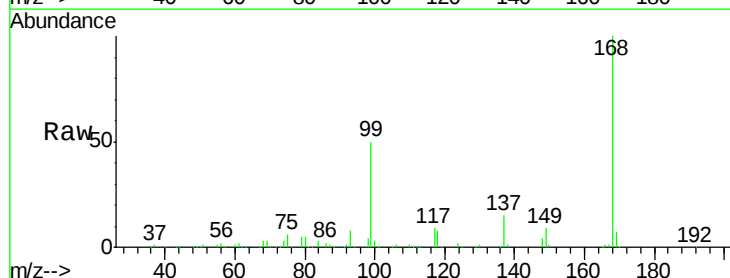
Tgt Ion: 117 Resp: 73642

Ion Ratio Lower Upper

117 100

119 5.5 77.2 115.8#

121 0.0 24.6 37.0#

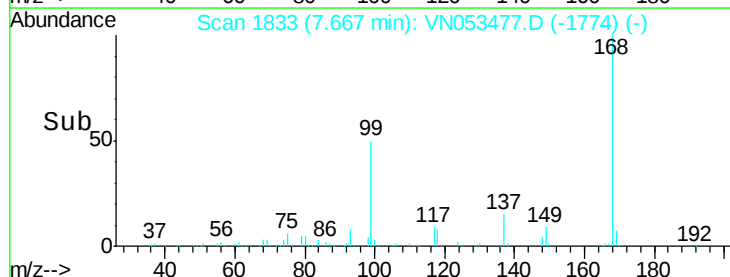


Abundance Ion 116.80 (116.50 to 117.50): VN053399.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN053399.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN053399.D (-1847) (-)

Time-->

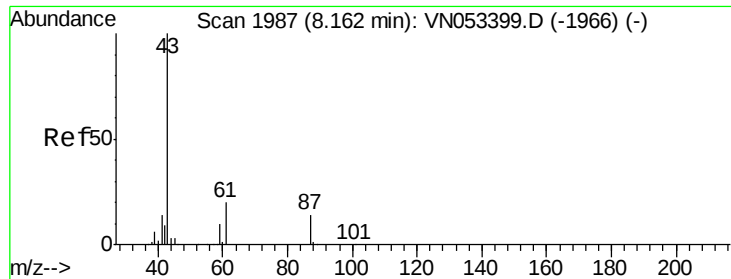


Abundance Ion 116.80 (116.50 to 117.50): VN053399.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN053399.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN053399.D (-1847) (-)

Time-->



#43

Isopropyl Acetate

Concen: 0.563 ug/l

RT: 8.20 min Scan# 1999

Delta R.T. 0.04 min

Lab File: VN053477.D

Acq: 18 Jan 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

SA-TW529-2327

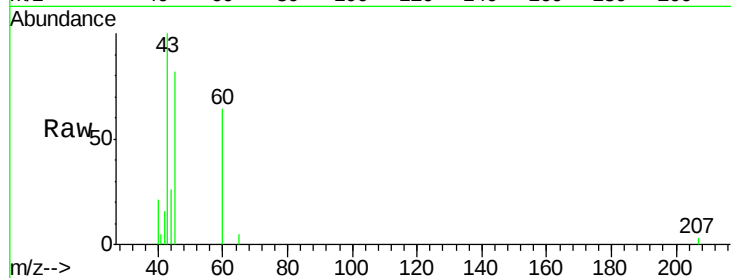
Tot Ion: 43 Resp: 7224

Ion Ratio Lower Upper

43 100

61 0.0 23.9 35.9#

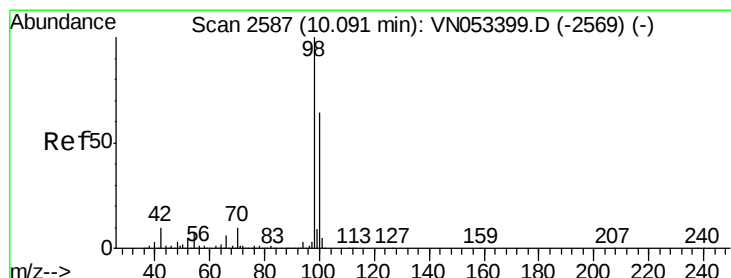
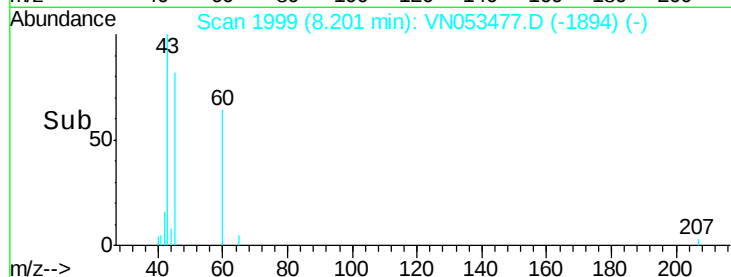
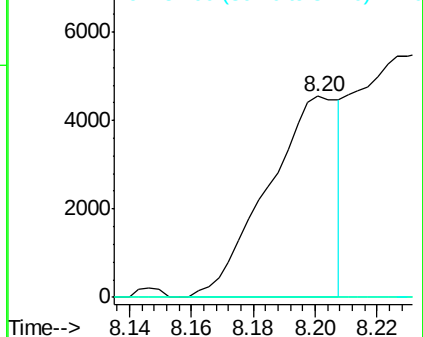
87 0.0 11.0 16.6#



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: VN053477.D

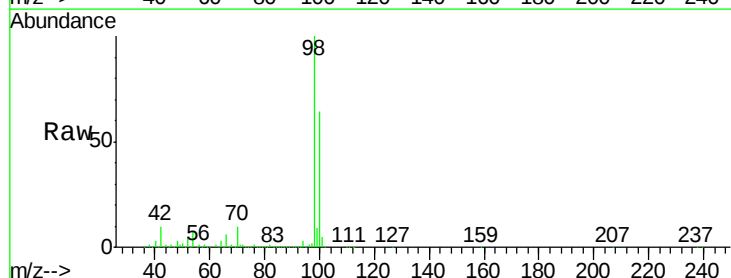
Acq: 18 Jan 2019 17:30

Tgt Ion: 98 Resp: 1688570

Ion Ratio Lower Upper

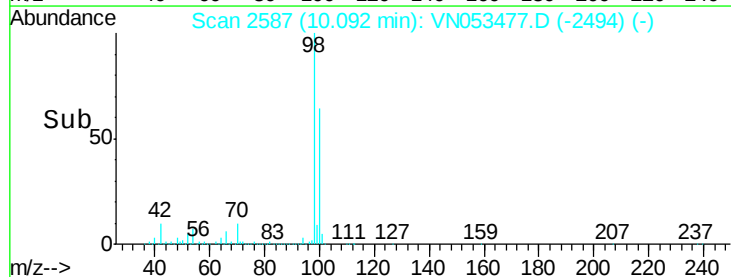
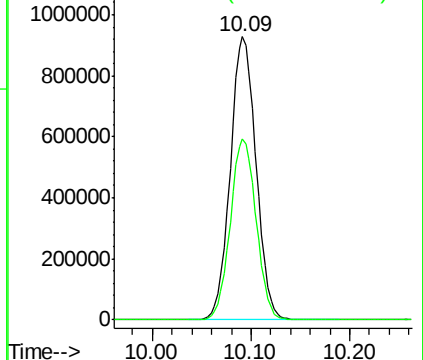
98 100

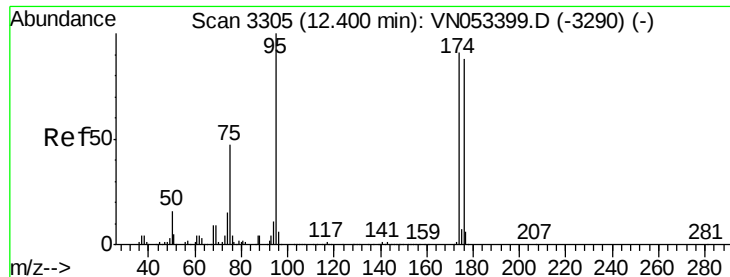
100 64.3 51.4 77.0



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# 3306

Delta R.T. 0.00 min

Lab File: VN053477.D

Acq: 18 Jan 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

SA-TW529-2327

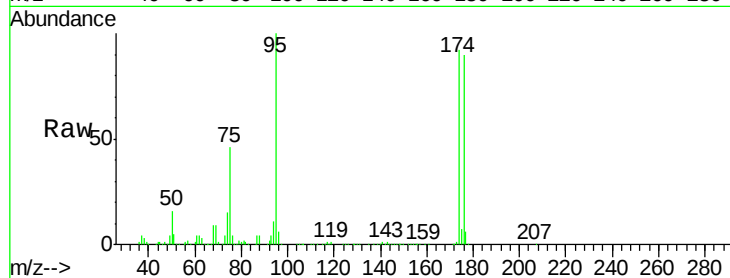
Tot Ion: 95 Resp: 577566

Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.2

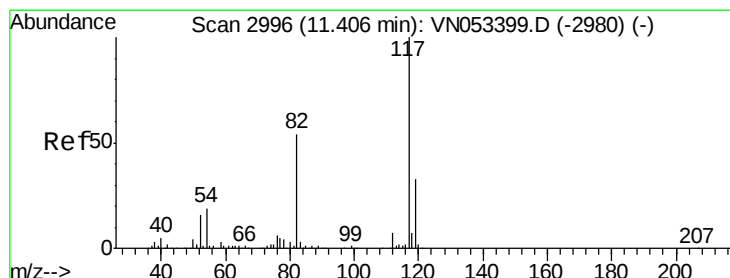
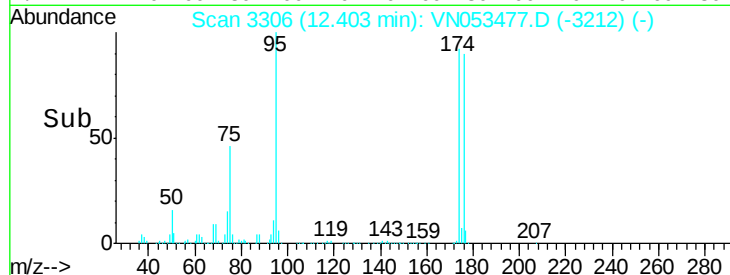
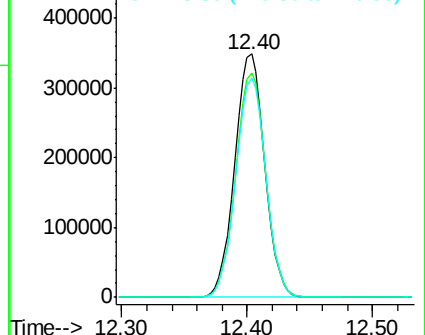
176 90.5 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053477.D

Acq: 18 Jan 2019 17:30

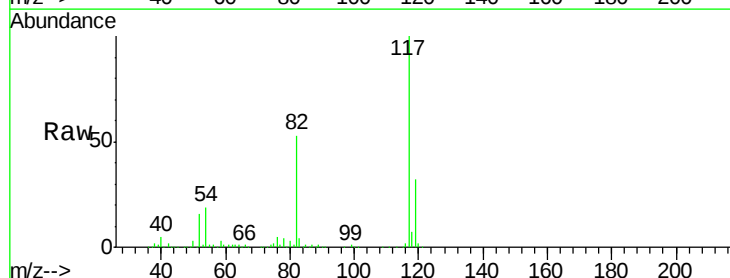
Tgt Ion: 117 Resp: 1281346

Ion Ratio Lower Upper

117 100

82 52.6 42.9 64.3

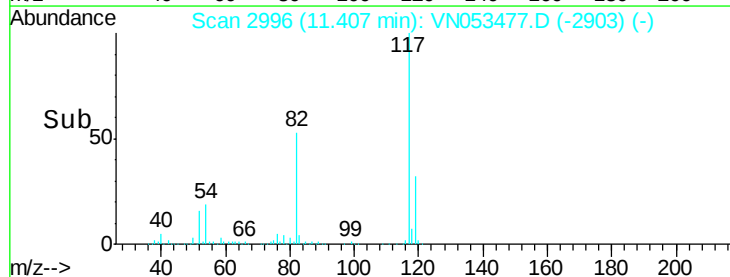
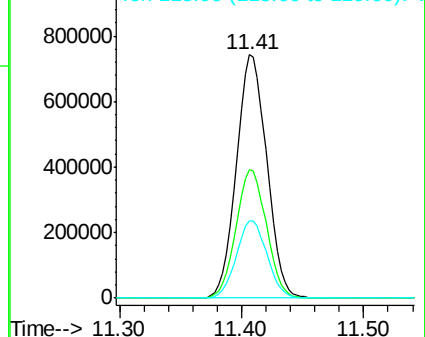
119 32.0 26.0 39.0

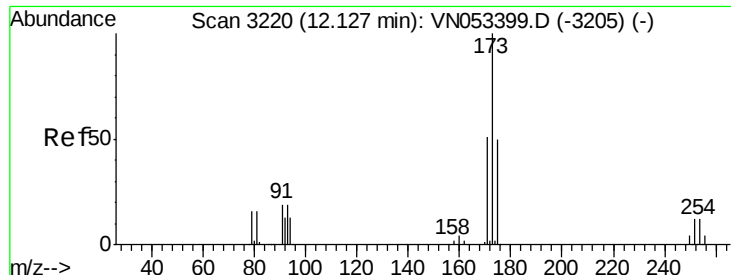


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)





#71

Bromoform

Concen: 0.586 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053477.D

Acq: 18 Jan 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

SA-TW529-2327

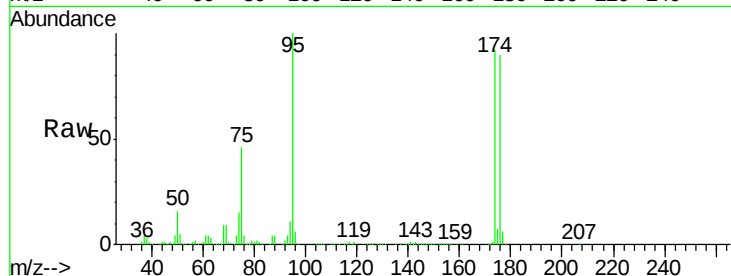
Tot Ion:173 Resp: 3804

Ion Ratio Lower Upper

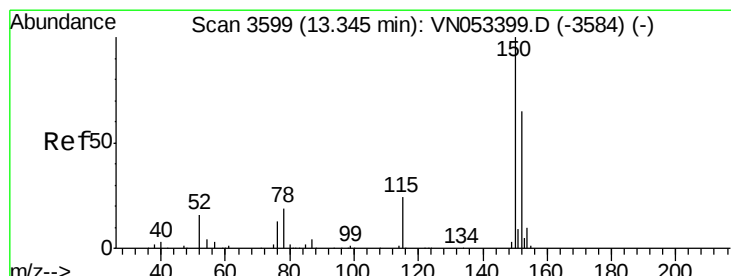
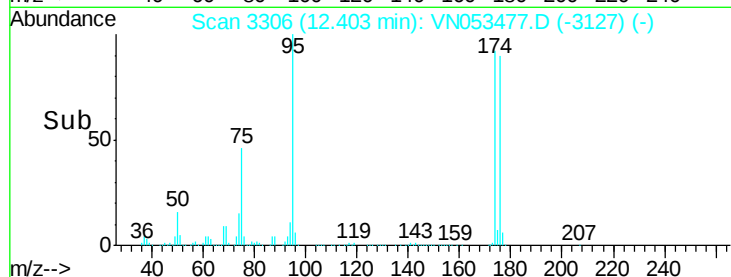
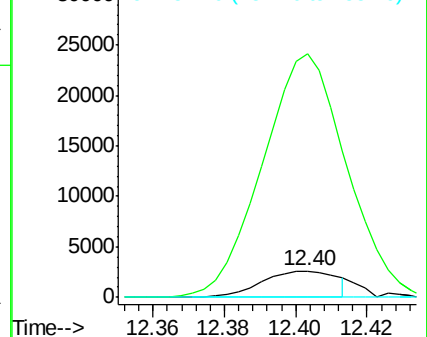
173 100

175 890.5 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: VN053477.D

Acq: 18 Jan 2019 17:30

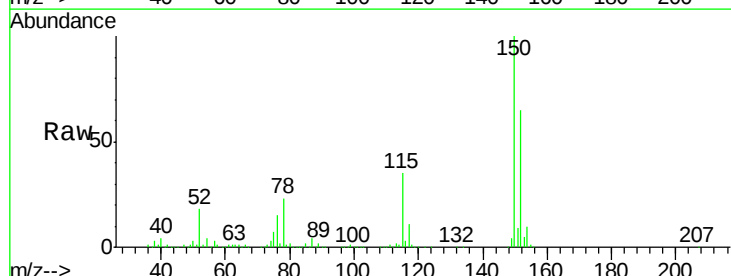
Tgt Ion:152 Resp: 572086

Ion Ratio Lower Upper

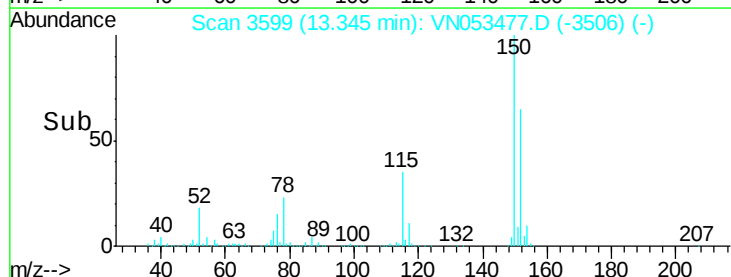
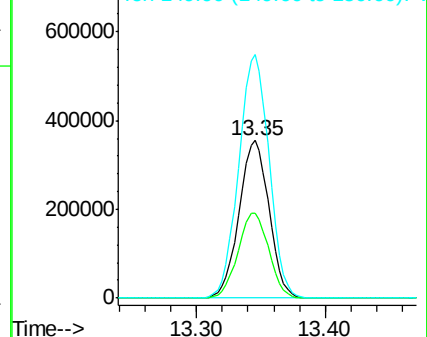
152 100

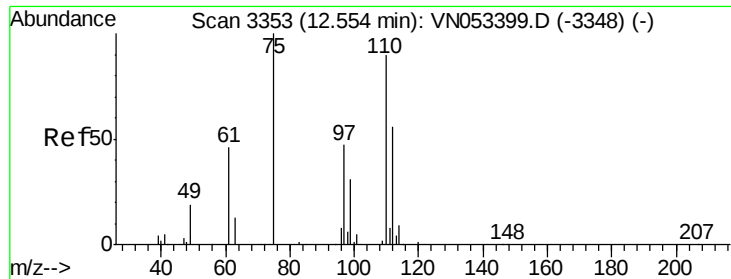
115 55.3 27.8 83.4

150 156.5 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

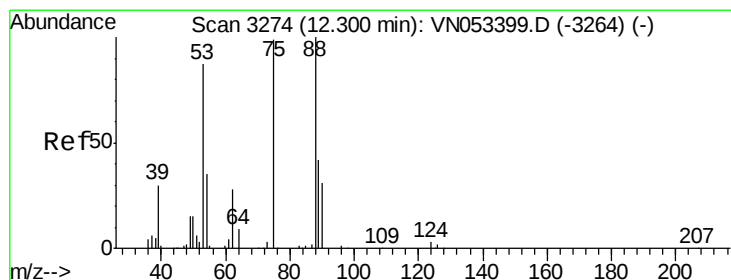
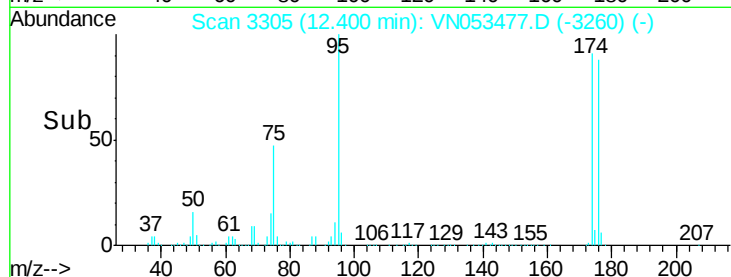
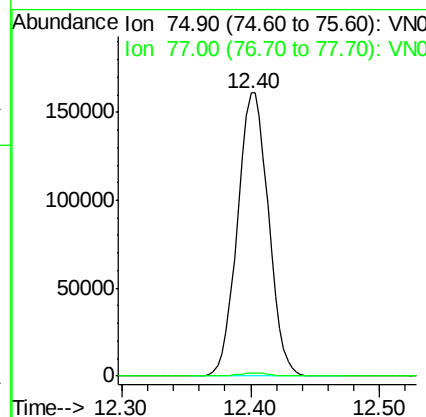
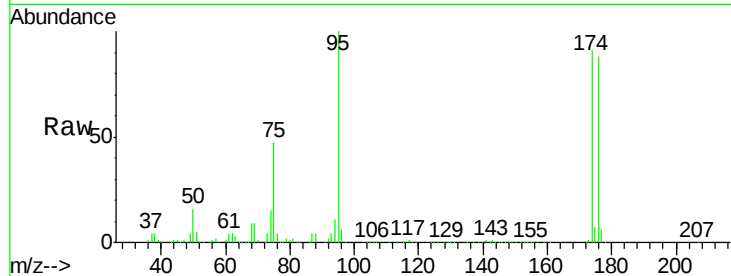




#76
 1,2,3-Trichloropropane
 Concen: 35.699 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN053477.D
 Acq: 18 Jan 2019 17:30

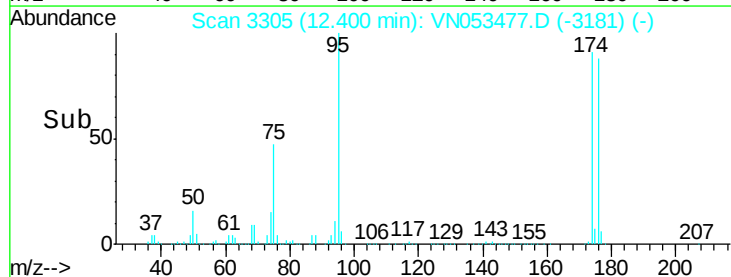
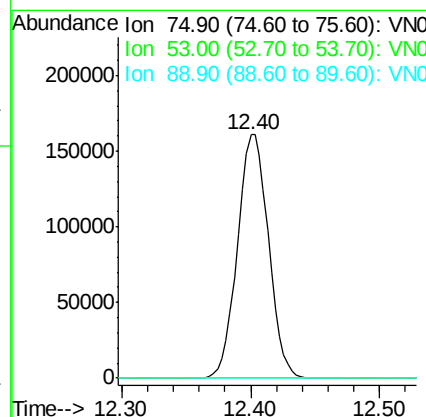
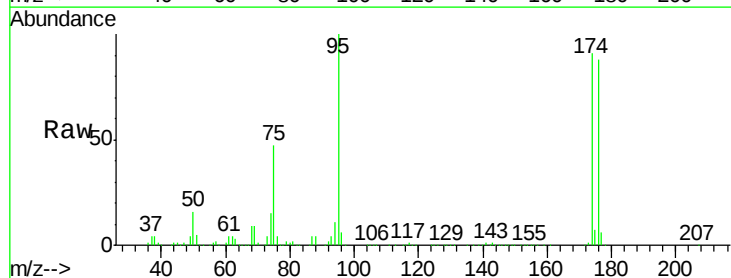
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW529-2327

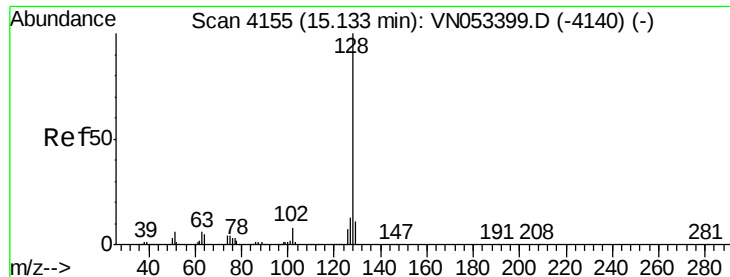
Tot Ion: 75 Resp: 269138
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.302 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN053477.D
 Acq: 18 Jan 2019 17:30

Tgt Ion: 75 Resp: 269138
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.8 104.6#
 89 0.0 35.6 53.4#





#95

Naphthalene

Concen: 3.963 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053477.D

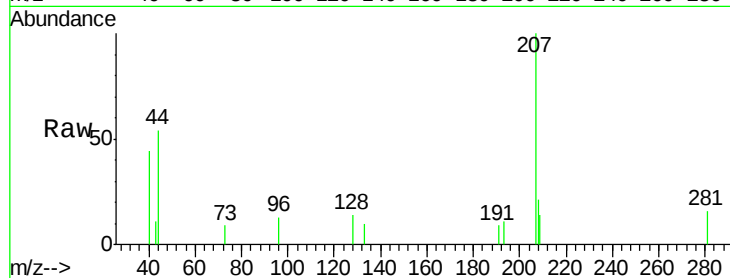
Acq: 18 Jan 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

SA-TW529-2327



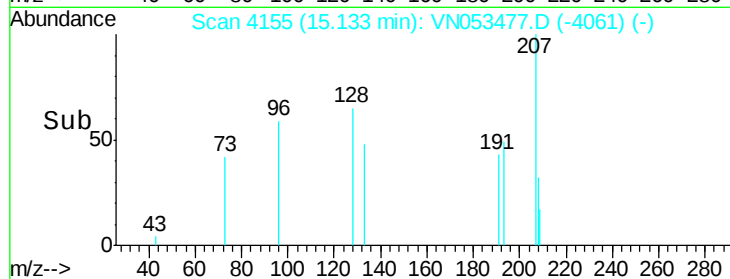
Tot Ion:128 Resp: 360

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

