

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061171.D
 Acq On : 28 Apr 2020 18:22
 Operator : JC/MD
 Sample : L2422-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUCK-ISLAND-ROLLOFF

Quant Time: Apr 29 08:55:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

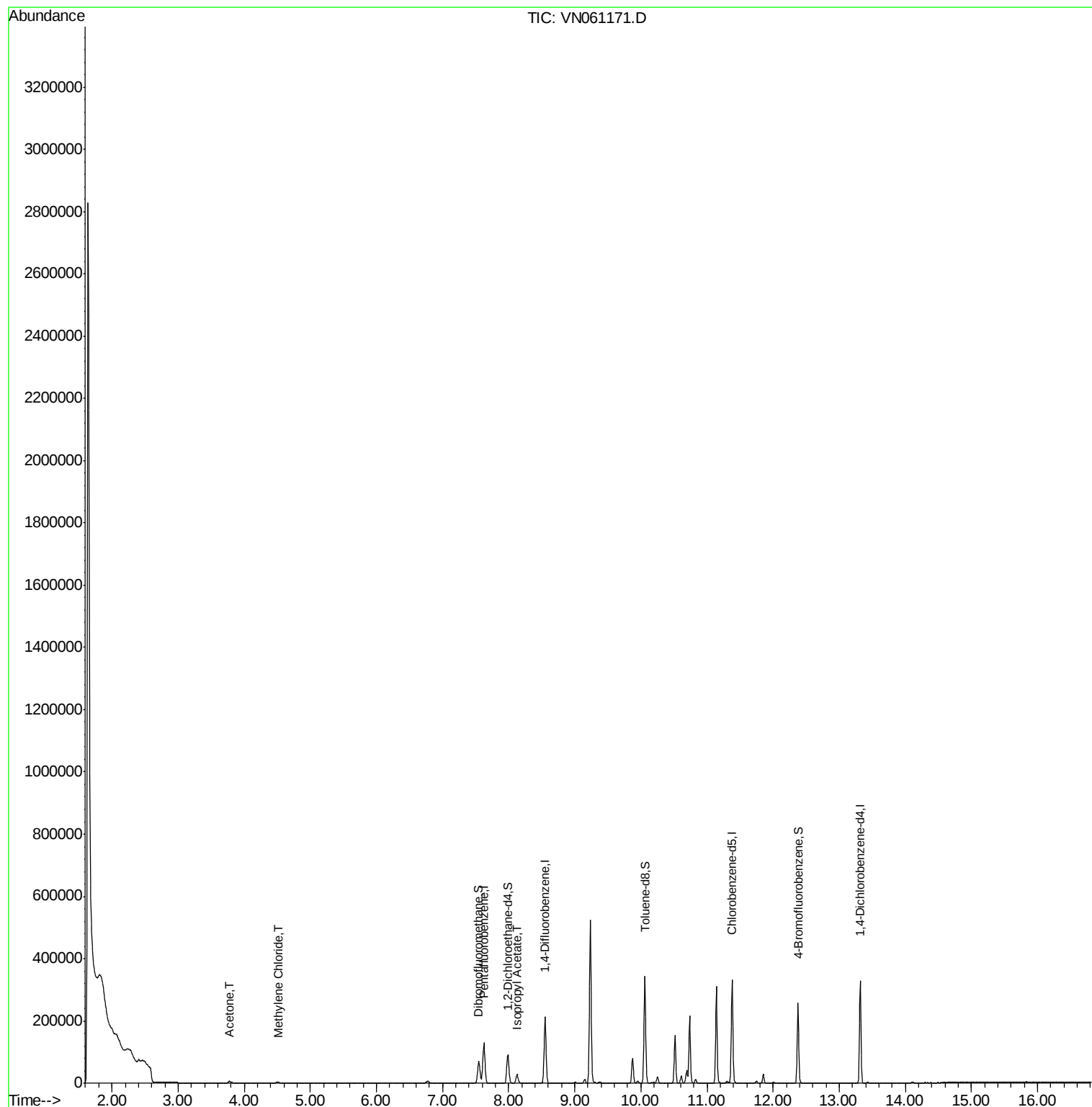
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	97978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	175831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	174908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	79747	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	7.55	113	53511	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
50) Toluene-d8	10.06	98	223701	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.38	95	85985	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
Target Compounds						
16) Acetone	3.77	43	11099	13.280	ug/l	99
20) Methylene Chloride	4.51	84	1945	1.609	ug/l	88
43) Isopropyl Acetate	8.12	43	34064	9.947	ug/l #	90

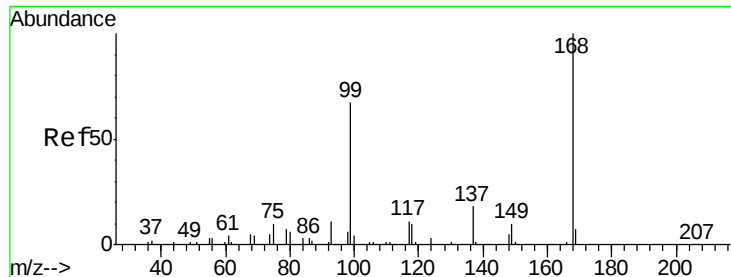
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
Data File : VN061171.D
Acq On : 28 Apr 2020 18:22
Operator : JC/MD
Sample : L2422-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DUCK-ISLAND-ROLLOFF

Quant Time: Apr 29 08:55:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 28 02:20:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061171.D

Acq: 28 Apr 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

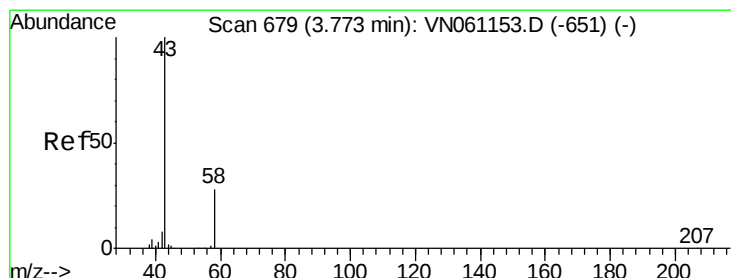
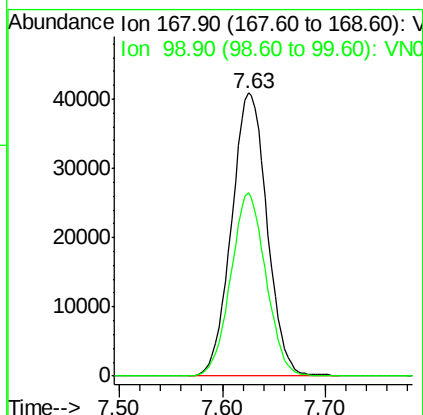
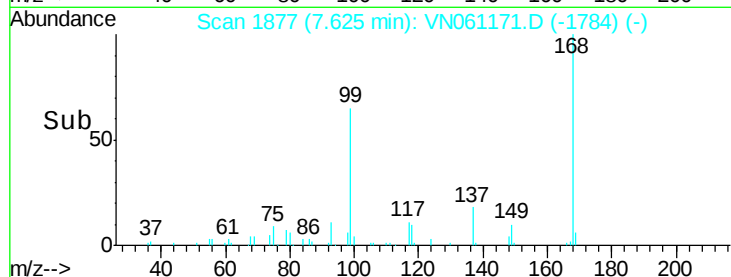
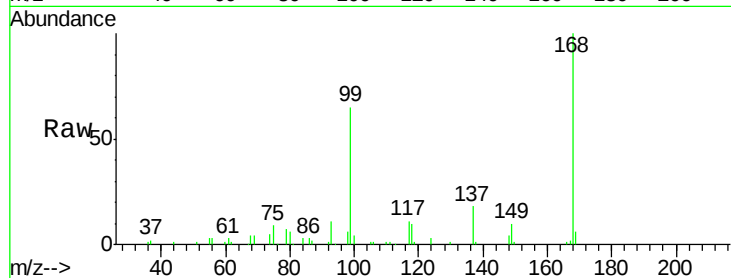
DUCK-ISLAND-ROLLOFF

Tot Ion:168 Resp: 97978

Ion Ratio Lower Upper

168 100

99 64.7 51.2 76.8



#16

Acetone

Concen: 13.280 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061171.D

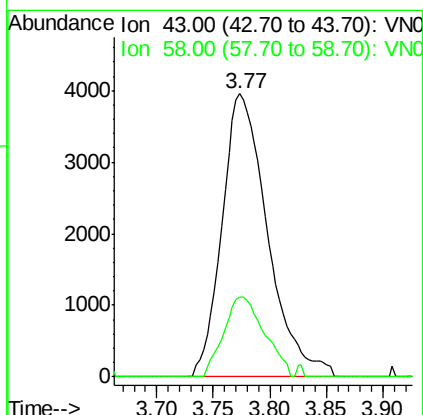
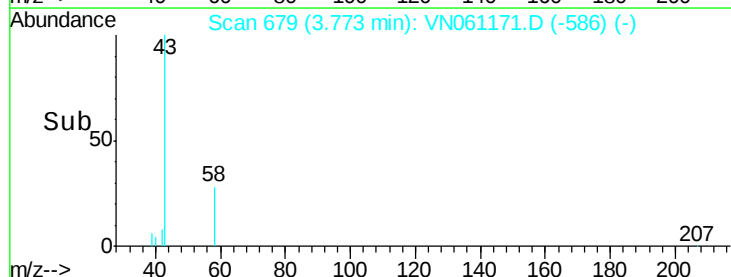
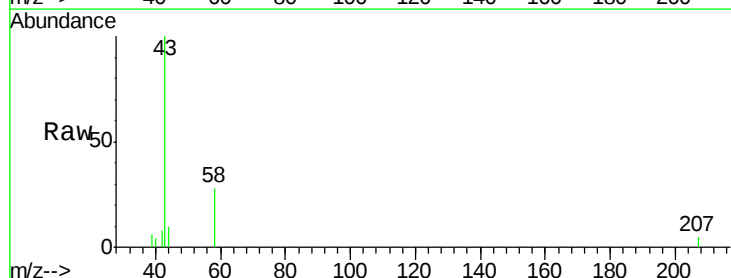
Acq: 28 Apr 2020 18:22

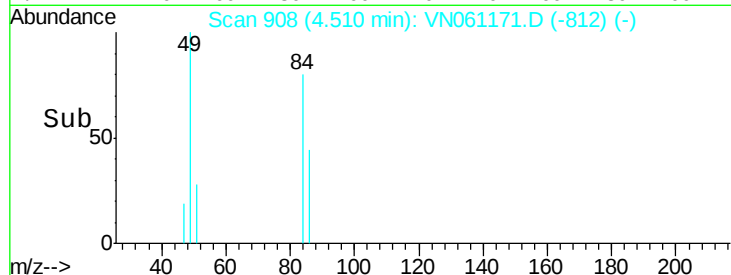
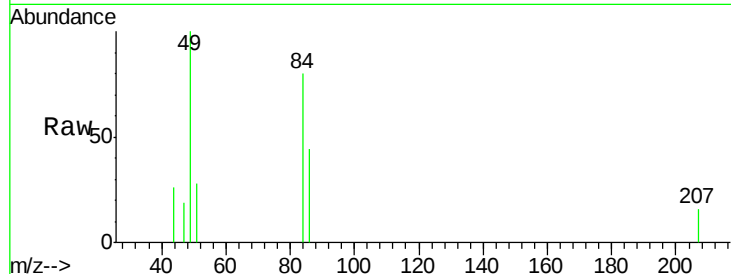
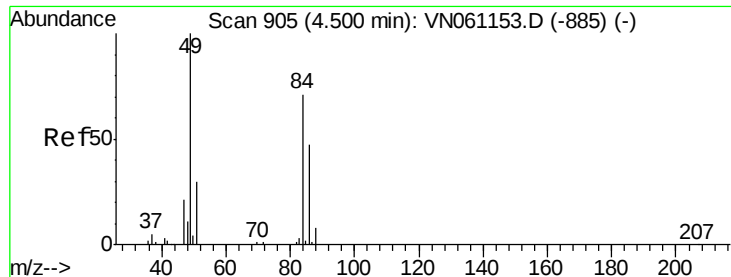
Tgt Ion: 43 Resp: 11099

Ion Ratio Lower Upper

43 100

58 28.4 22.2 33.2

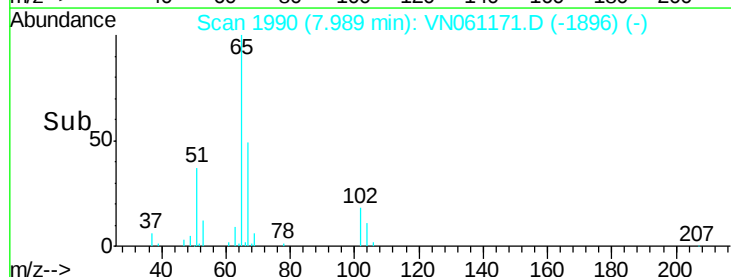
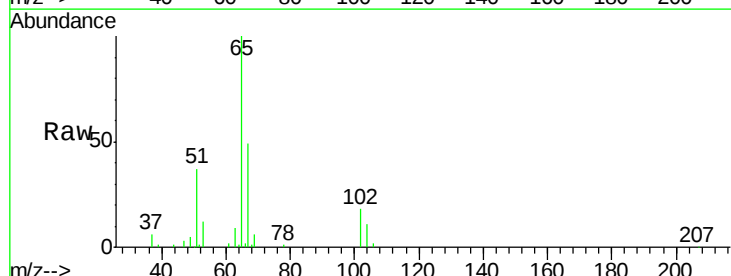
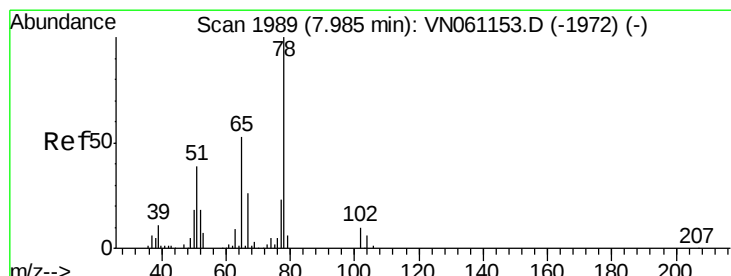
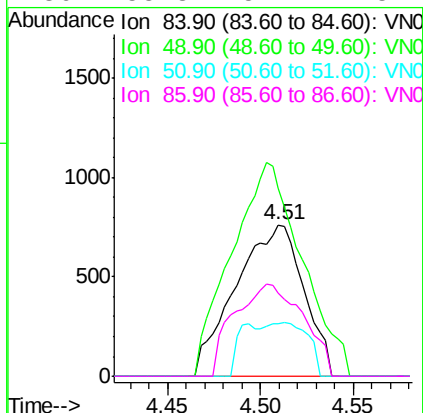




#20
Methvlene Chloride
Concen: 1.609 ug/l
RT: 4.51 min Scan# 908
Delta R.T. 0.01 min
Lab File: VN061171.D
Acq: 28 Apr 2020 18:22

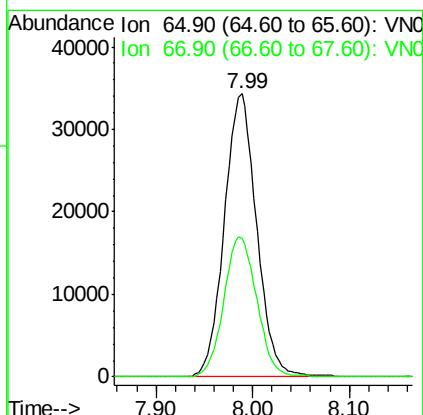
Instrument :
MSVOA_N
ClientSampleId :
DUCK-ISLAND-ROLLOFF

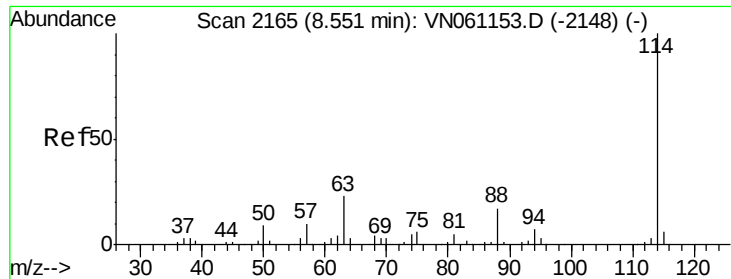
Tot Ion: 84 Resp: 1945
Ion Ratio Lower Upper
84 100
49 124.6 112.0 168.0
51 34.8 33.6 50.4
86 55.3 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 51.439 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061171.D
Acq: 28 Apr 2020 18:22

Tgt Ion: 65 Resp: 79747
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.6

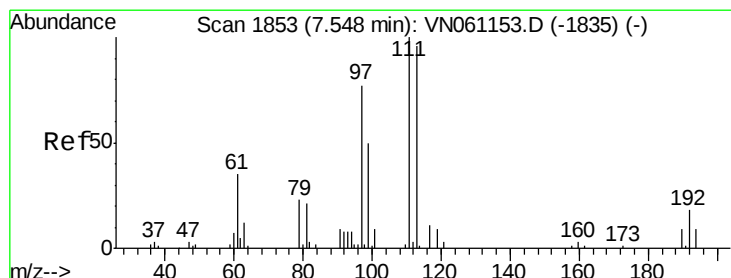
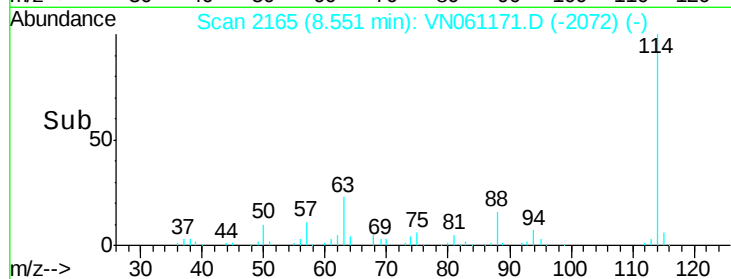
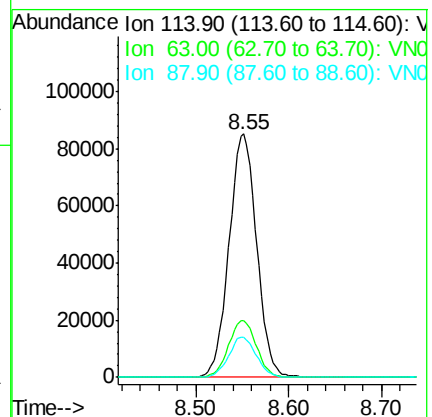
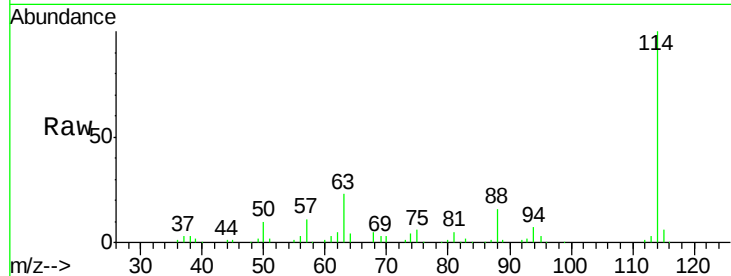




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061171.D
 Acq: 28 Apr 2020 18:22

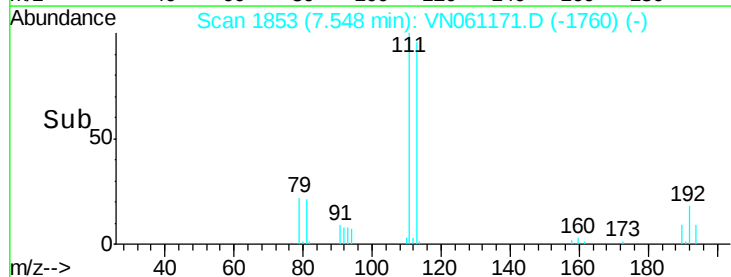
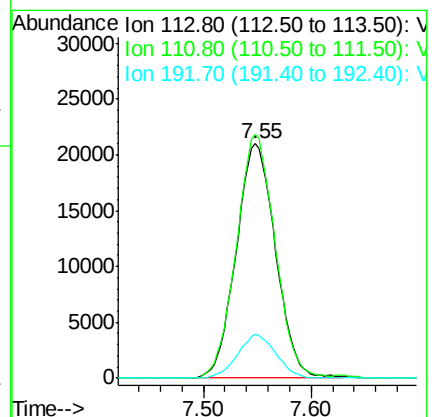
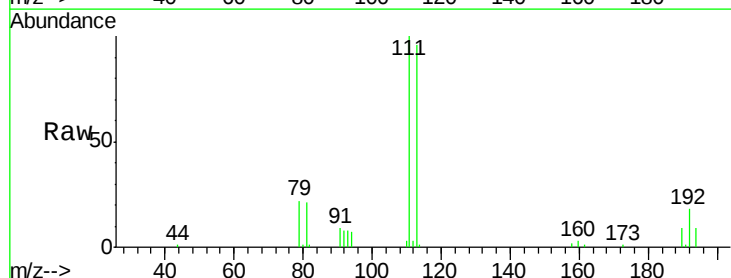
Instrument :
 MSVOA_N
 ClientSampleId :
 DUCK-ISLAND-ROLLOFF

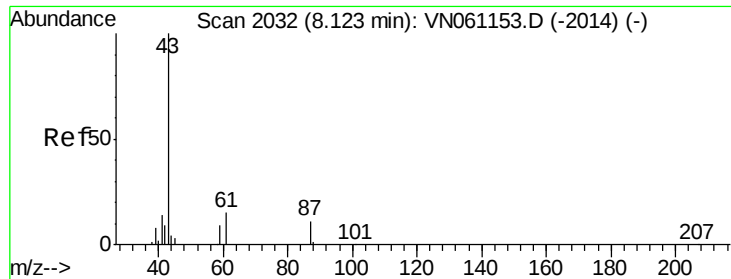
Tot Ion:114 Resp: 175831
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.6
 88 16.4 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 51.466 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061171.D
 Acq: 28 Apr 2020 18:22

Tgt Ion:113 Resp: 53511
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.9 124.3
 192 18.0 14.7 22.1





#43

Isopropyl Acetate

Concen: 9.947 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061171.D

Acq: 28 Apr 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

DUCK-ISLAND-ROLLOFF

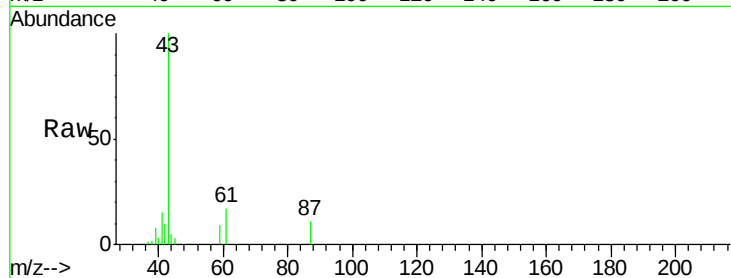
Tot Ion: 43 Resp: 34064

Ion Ratio Lower Upper

43 100

61 17.4 19.5 29.3#

87 11.1 8.9 13.3

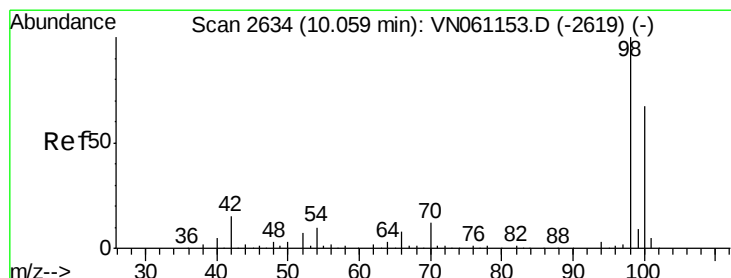
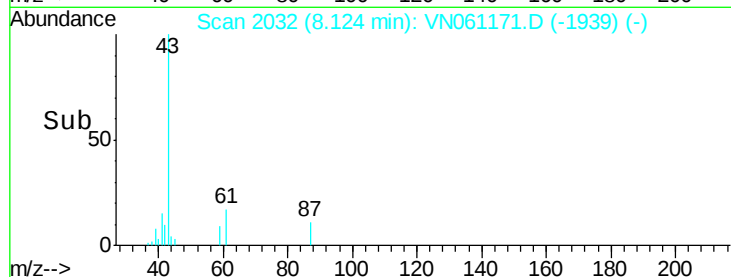
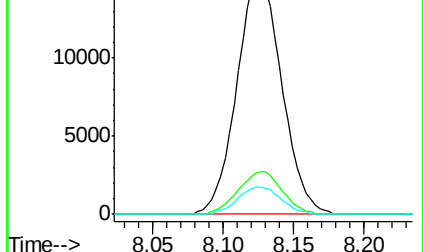


Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)

Time-->



#50

Toluene-d8

Concen: 52.779 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061171.D

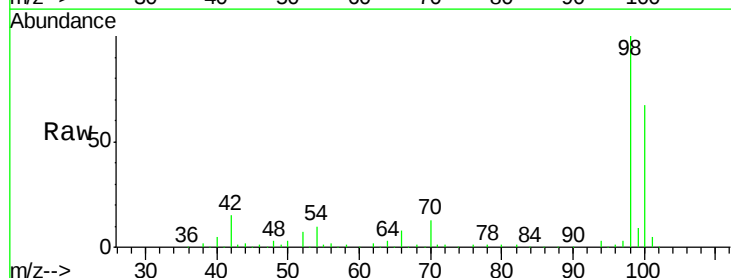
Acq: 28 Apr 2020 18:22

Tgt Ion: 98 Resp: 223701

Ion Ratio Lower Upper

98 100

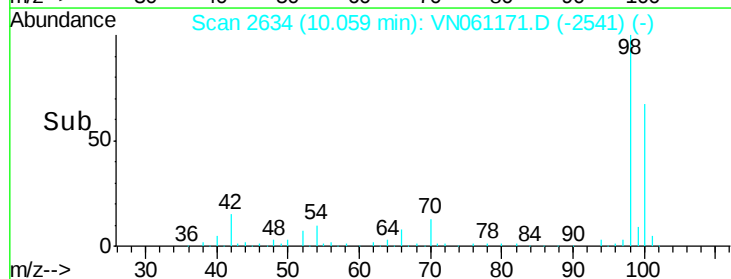
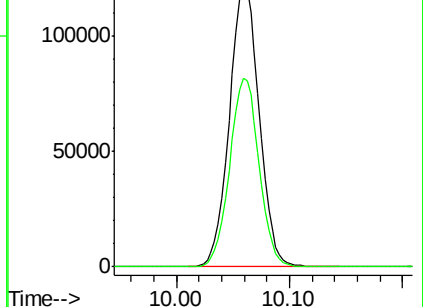
100 66.2 53.4 80.0

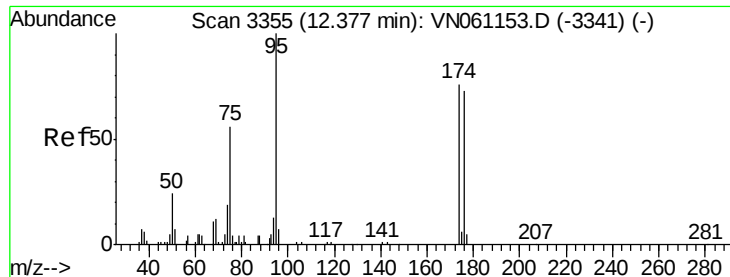


Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)

Time-->





#62

4-Bromofluorobenzene

Concen: 53.909 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061171.D

Acq: 28 Apr 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

DUCK-ISLAND-ROLLOFF

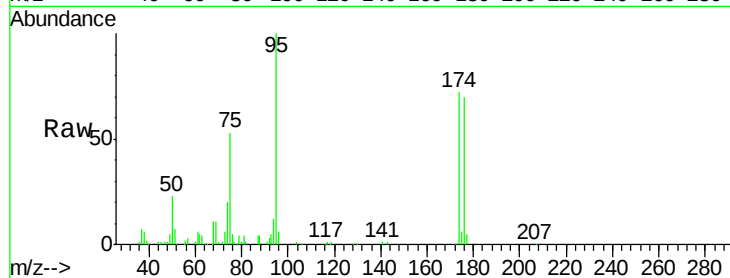
Tot Ion: 95 Resp: 85985

Ion Ratio Lower Upper

95 100

174 73.1 0.0 149.4

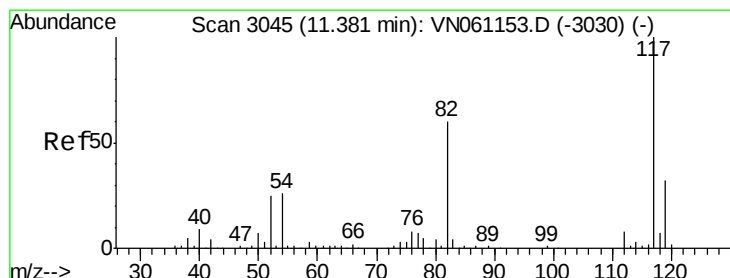
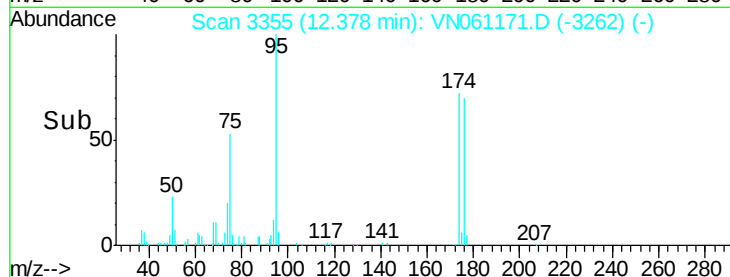
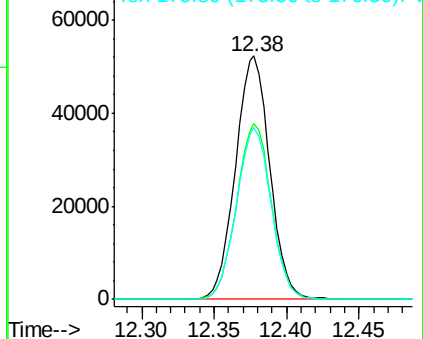
176 71.1 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061171.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061171.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061171.D (-3262) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061171.D

Acq: 28 Apr 2020 18:22

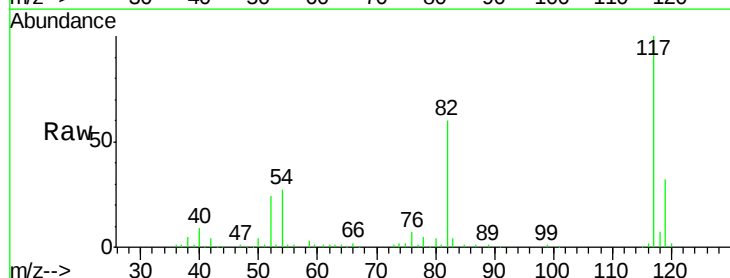
Tgt Ion: 117 Resp: 174908

Ion Ratio Lower Upper

117 100

82 59.5 47.8 71.8

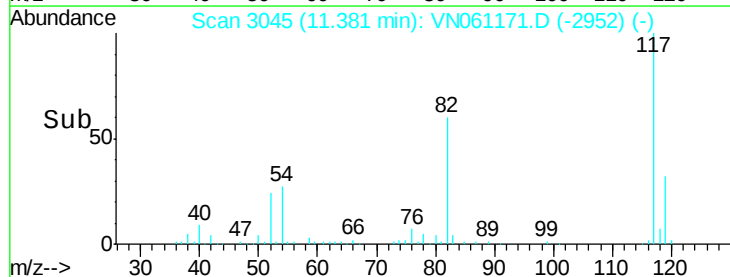
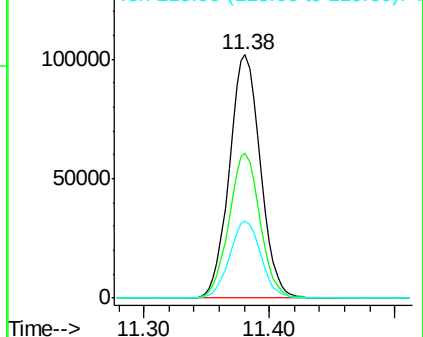
119 31.7 25.8 38.6

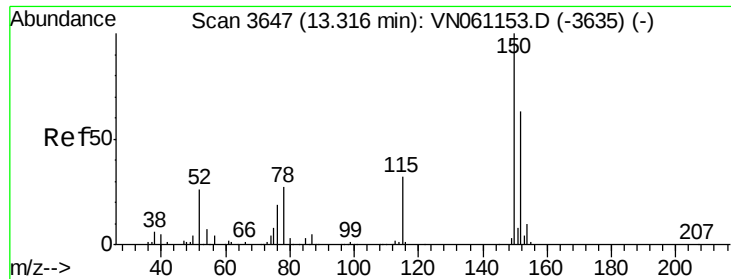


Abundance Ion 116.90 (116.60 to 117.60): VN061171.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061171.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061171.D (-2952) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061171.D

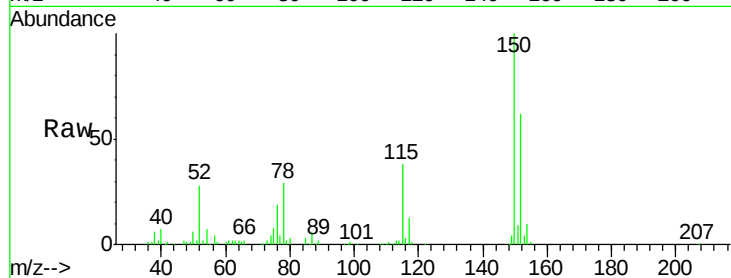
Acq: 28 Apr 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

DUCK-ISLAND-ROLLOFF



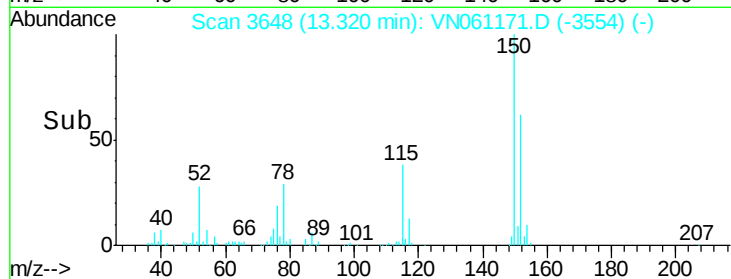
Tot Ion:152 Resp: 80361

Ion Ratio Lower Upper

152 100

115 61.7 31.0 93.0

150 158.8 0.0 351.8



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

