

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055426.D
 Acq On : 6 May 2019 19:35
 Operator : JC/SP
 Sample : K2647-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-050219-B

Quant Time: May 07 02:35:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

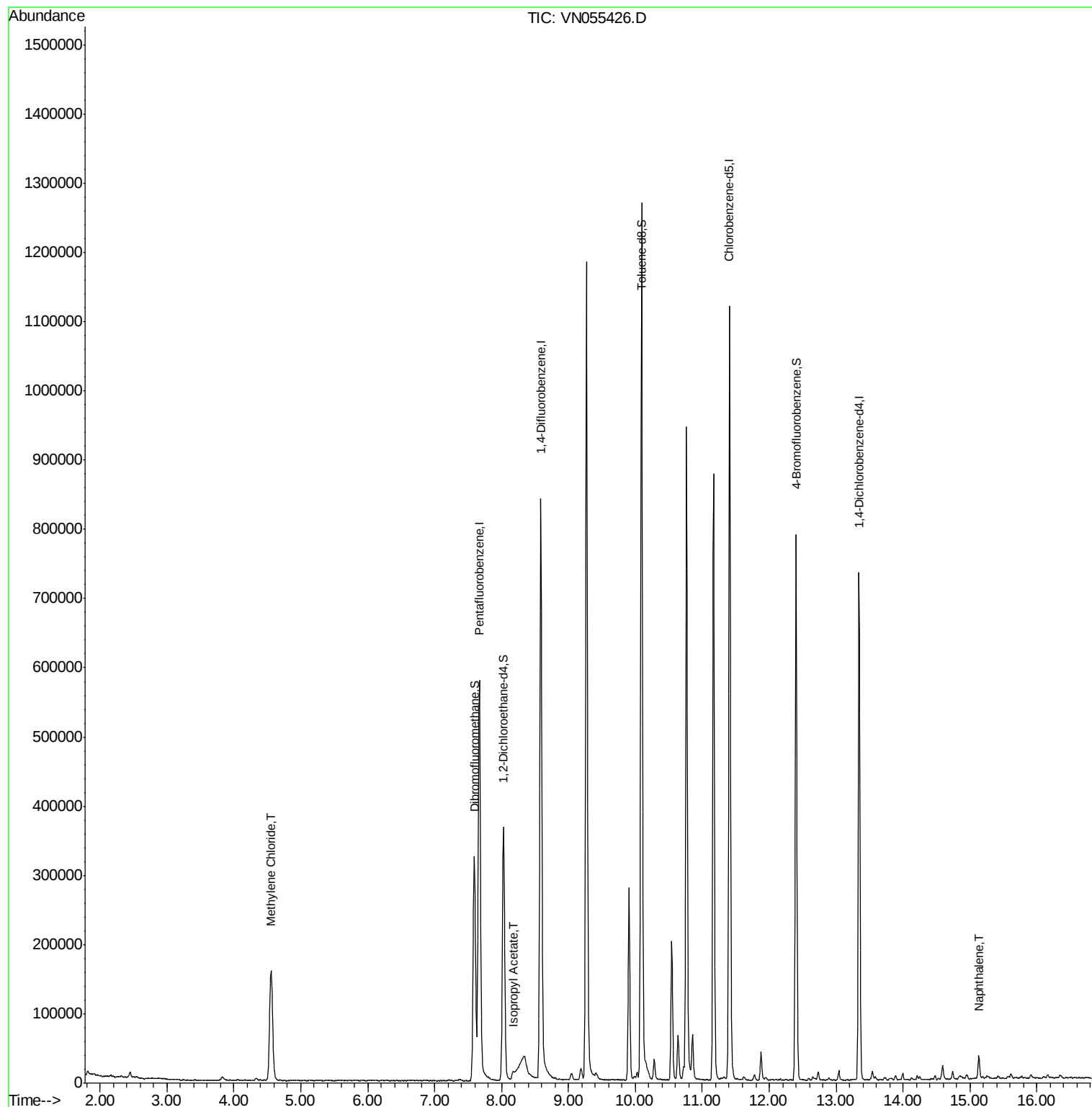
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	495989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	771694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	634292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	316974	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
35) Dibromofluoromethane	7.59	113	249321	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	10.09	98	904762	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	270729	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
Target Compounds						
20) Methylene Chloride	4.56	84	114556	18.563	ug/l	98
43) Isopropyl Acetate	8.17	43	19799	2.175	ug/l #	78
95) Naphthalene	15.13	128	28279	8.238	ug/l	99

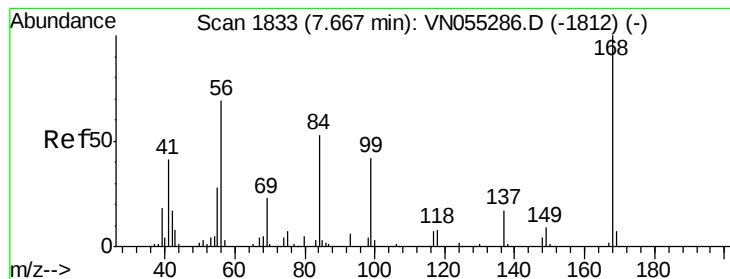
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050619\
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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 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: VN055426.D

Acq: 6 May 2019 19:35

Instrument :

MSVOA_N

ClientSampleId :

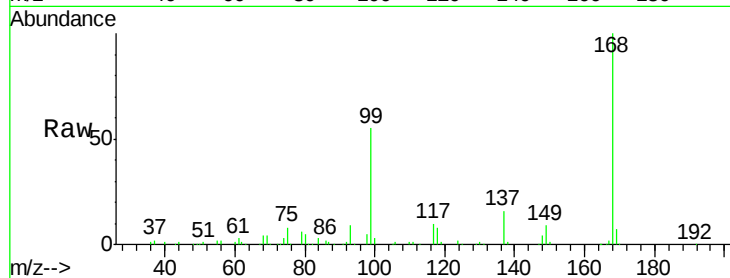
SU-04-050219-B

Tot Ion:168 Resp: 495989

Ion Ratio Lower Upper

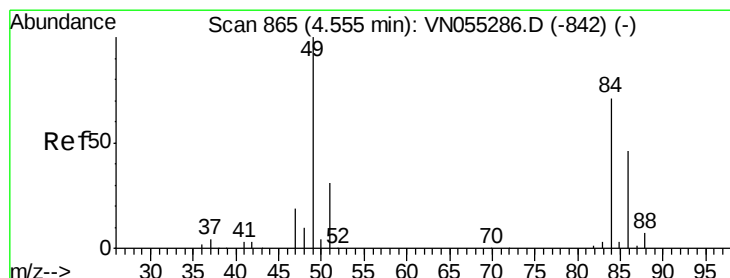
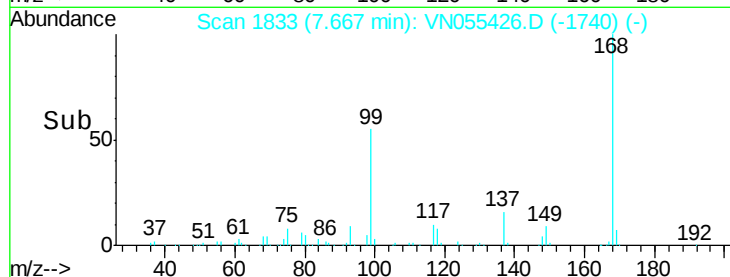
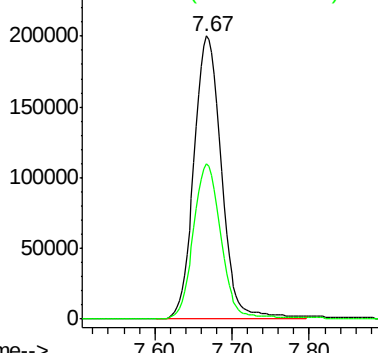
168 100

99 54.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 18.563 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN055426.D

Acq: 6 May 2019 19:35

Tgt Ion: 84 Resp: 114556

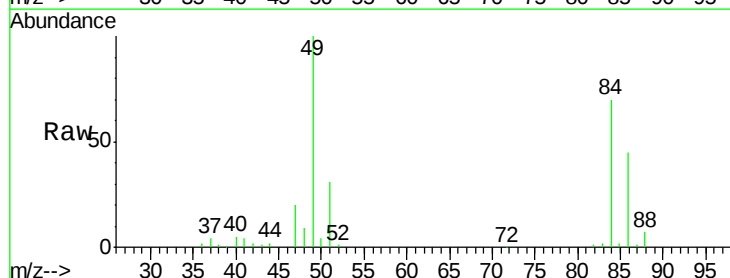
Ion Ratio Lower Upper

84 100

49 143.1 112.4 168.6

51 43.7 34.6 51.8

86 63.7 51.9 77.9

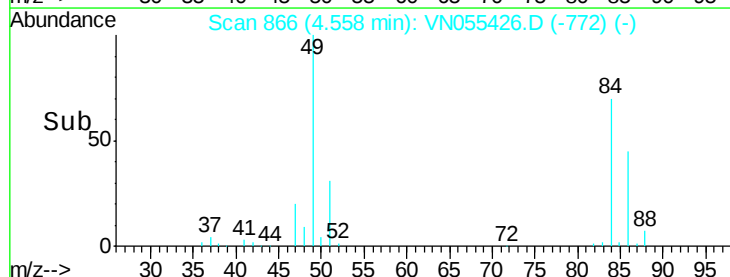
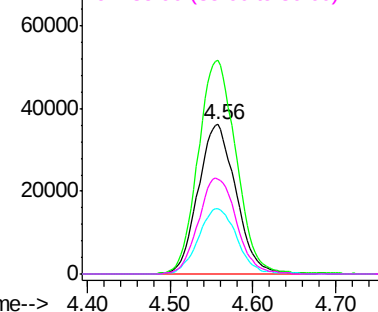


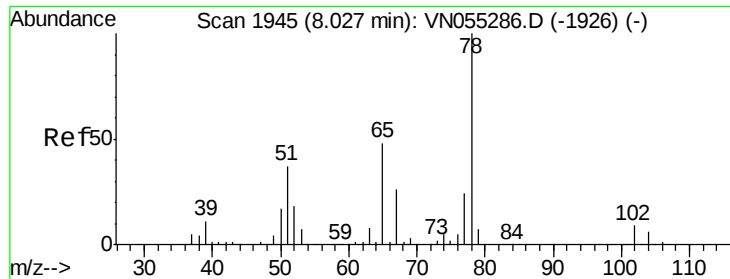
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

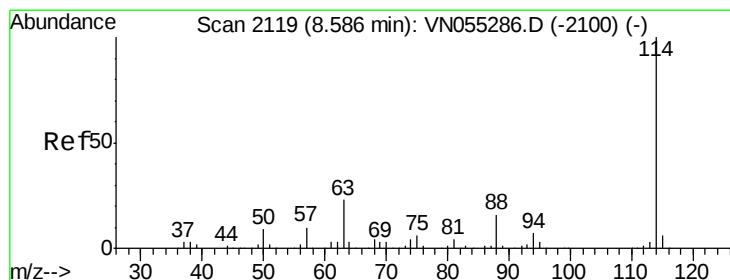
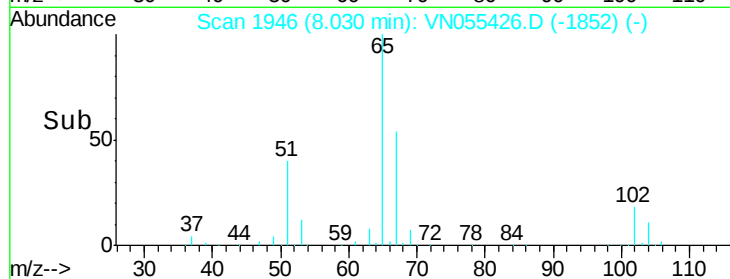
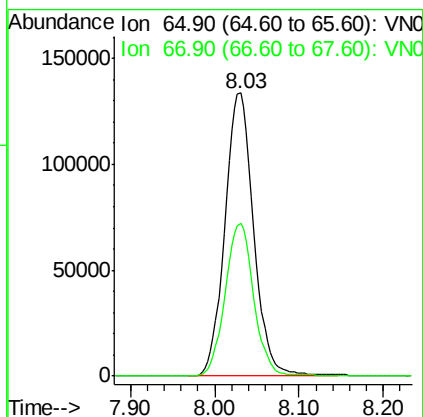
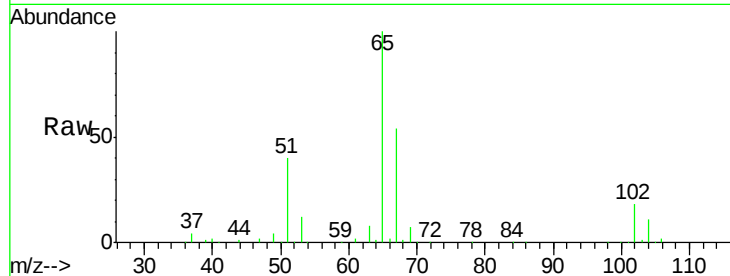




#33
 1,2-Dichloroethane-d4
 Concen: 48.850 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055426.D
 Acq: 6 May 2019 19:35

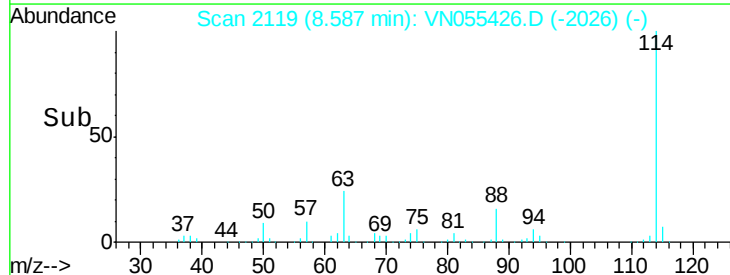
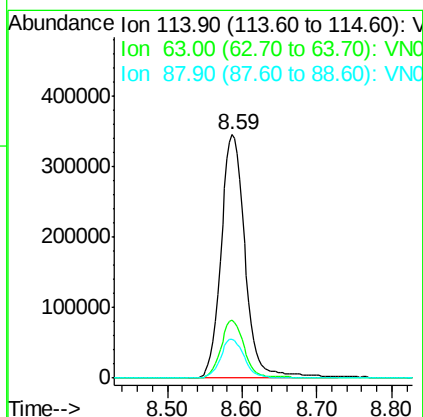
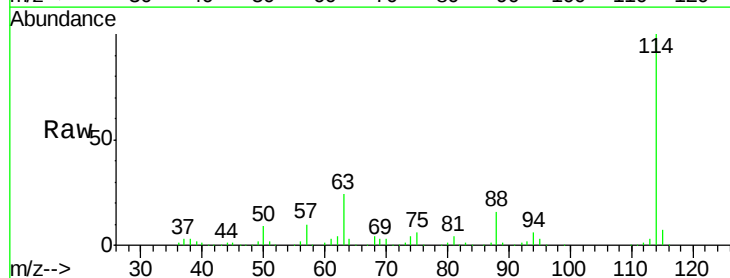
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-050219-B

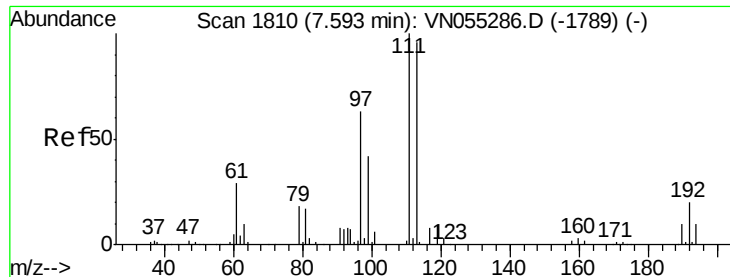
Tot Ion: 65 Resp: 316974
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055426.D
 Acq: 6 May 2019 19:35

Tgt Ion: 114 Resp: 771694
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 45.2
 88 16.1 0.0 31.6

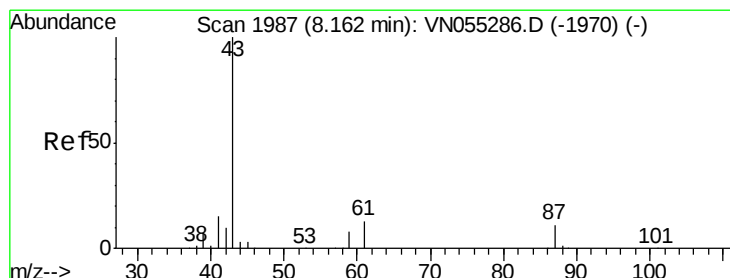
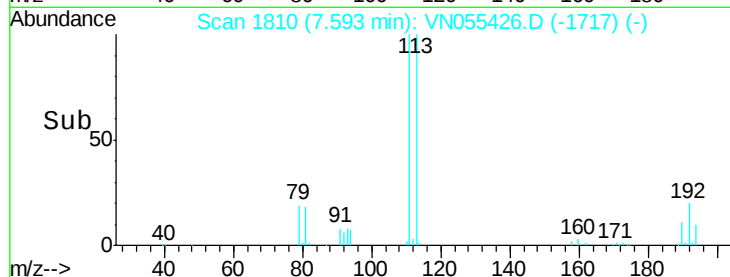
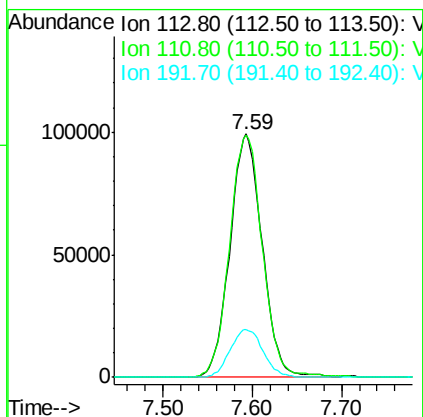
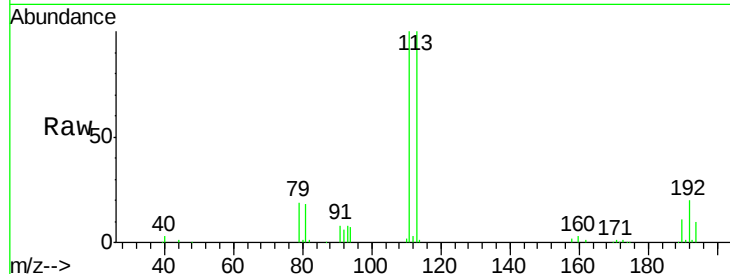




#35
 Dibromofluoromethane
 Concen: 49.223 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055426.D
 Acq: 6 May 2019 19:35

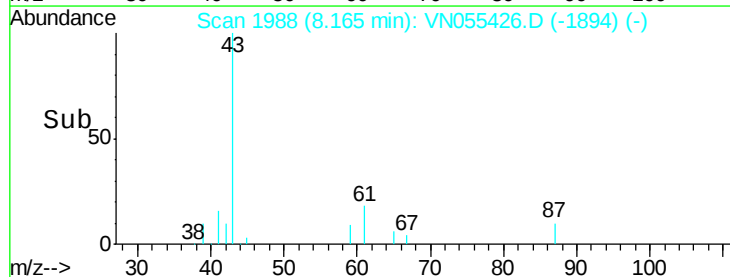
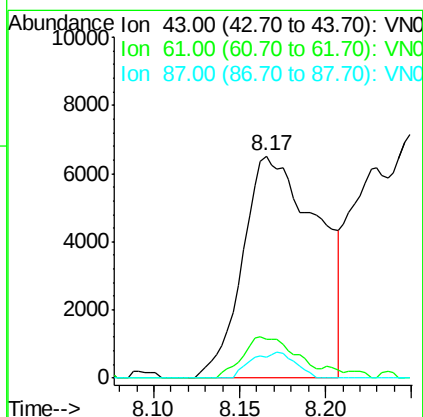
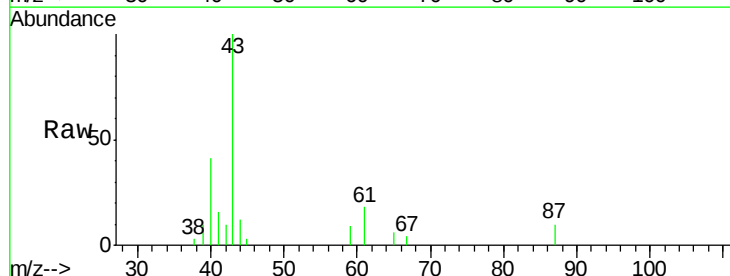
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-050219-B

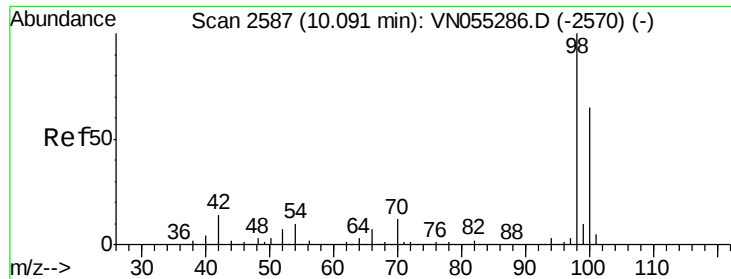
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.3	123.5
192	20.1	17.0	25.6



#43
 Isopropyl Acetate
 Concen: 2.175 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN055426.D
 Acq: 6 May 2019 19:35

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.7	20.8	31.2#
87	6.7	8.5	12.7#





#50

Toluene-d8

Concen: 49.468 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055426.D

Acq: 6 May 2019 19:35

Instrument :

MSVOA_N

ClientSampleId :

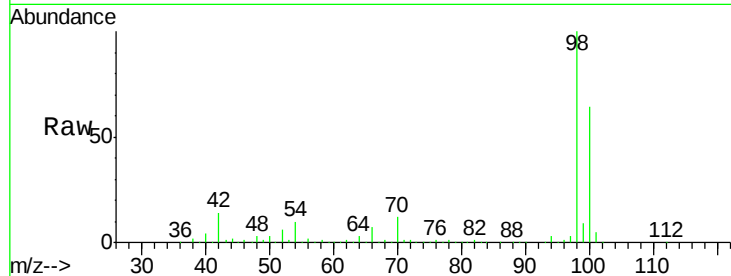
SU-04-050219-B

Tot Ion: 98 Resp: 904762

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

500000

400000

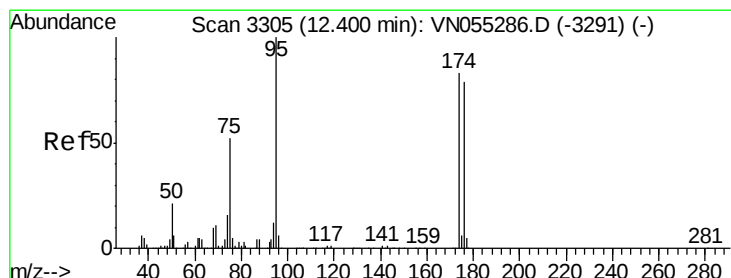
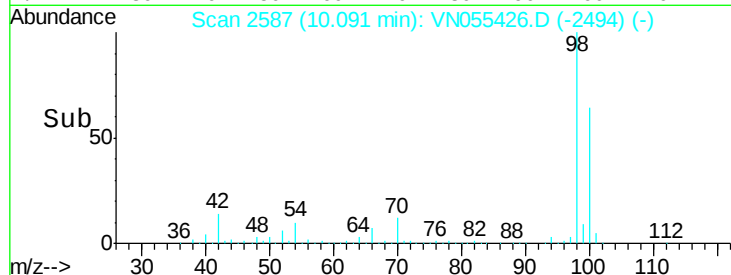
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.362 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055426.D

Acq: 6 May 2019 19:35

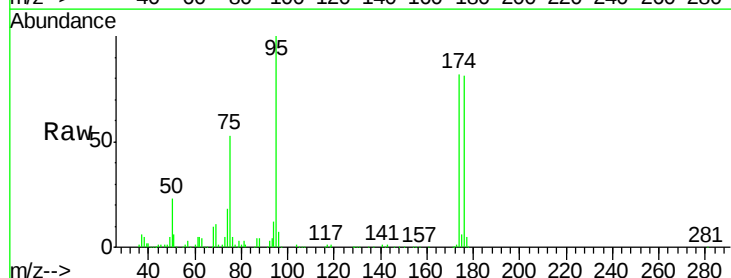
Tgt Ion: 95 Resp: 270729

Ion Ratio Lower Upper

95 100

174 82.6 0.0 166.6

176 79.7 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

200000

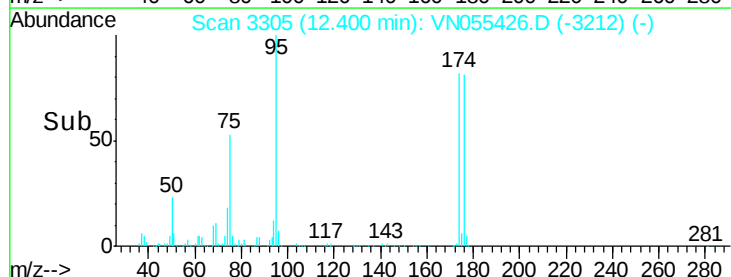
150000

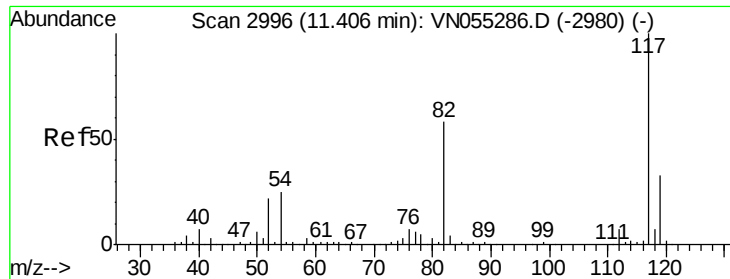
100000

50000

0

Time-->

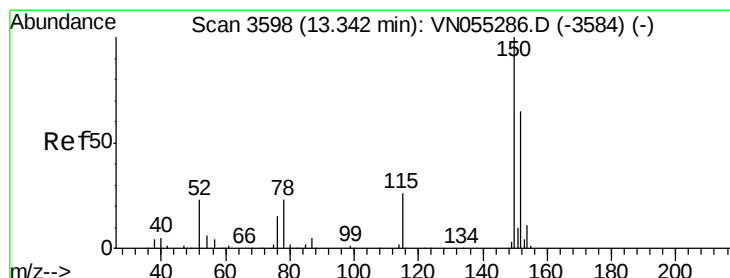
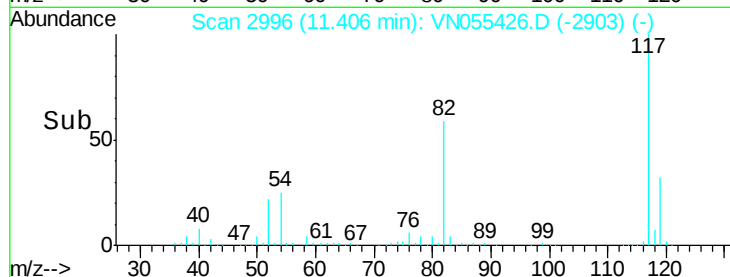
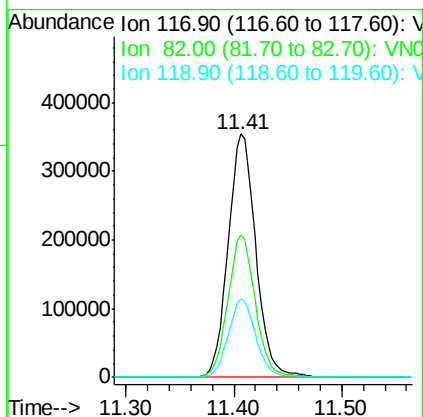
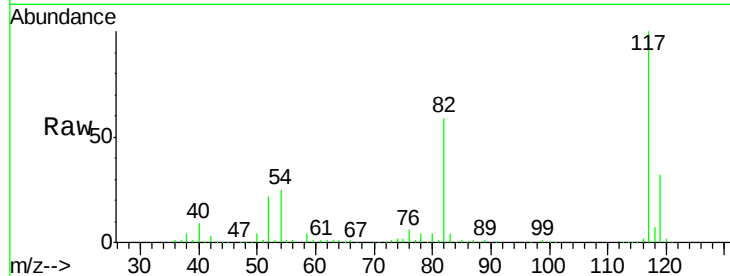




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055426.D
Acq: 6 May 2019 19:35

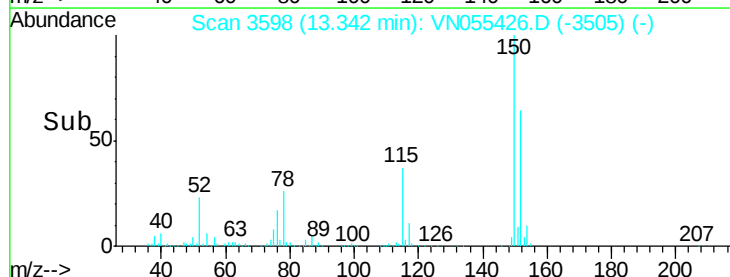
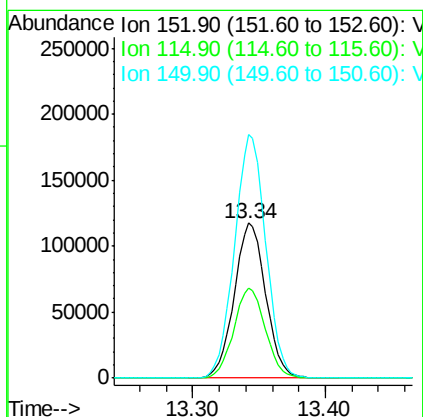
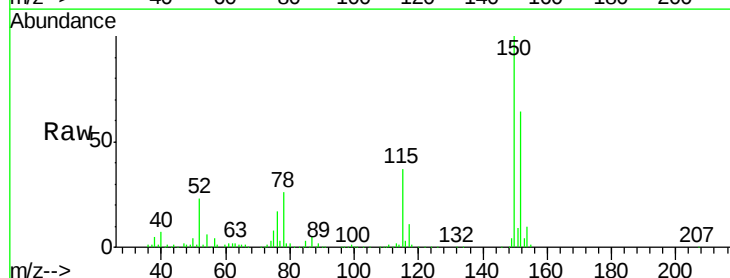
Instrument :
MSVOA_N
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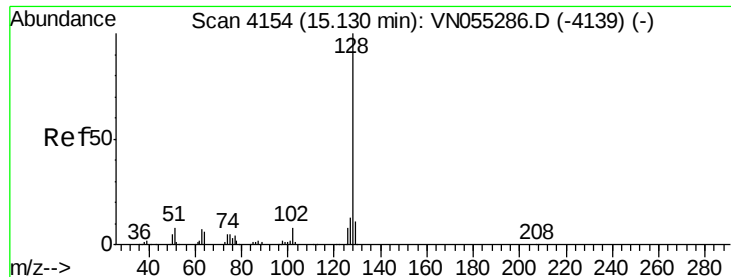
Tot Ion:117 Resp: 634292
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055426.D
Acq: 6 May 2019 19:35

Tgt Ion:152 Resp: 193438
Ion Ratio Lower Upper
152 100
115 58.3 29.0 87.0
150 156.6 0.0 345.6





#95

Naphthalene

Concen: 8.238 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055426.D

Acq: 6 May 2019 19:35

Instrument :

MSVOA_N

ClientSampleId :

SU-04-050219-B

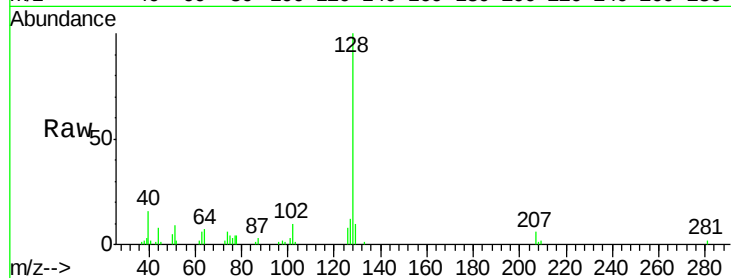
Tot Ion:128 Resp: 28279

Ion Ratio Lower Upper

128 100

127 12.5 10.7 16.1

129 10.8 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

