

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054786.D
 Acq On : 29 Mar 2019 22:24
 Operator : JC/SP
 Sample : K1697-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-032719-B

Quant Time: Mar 30 22:10:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

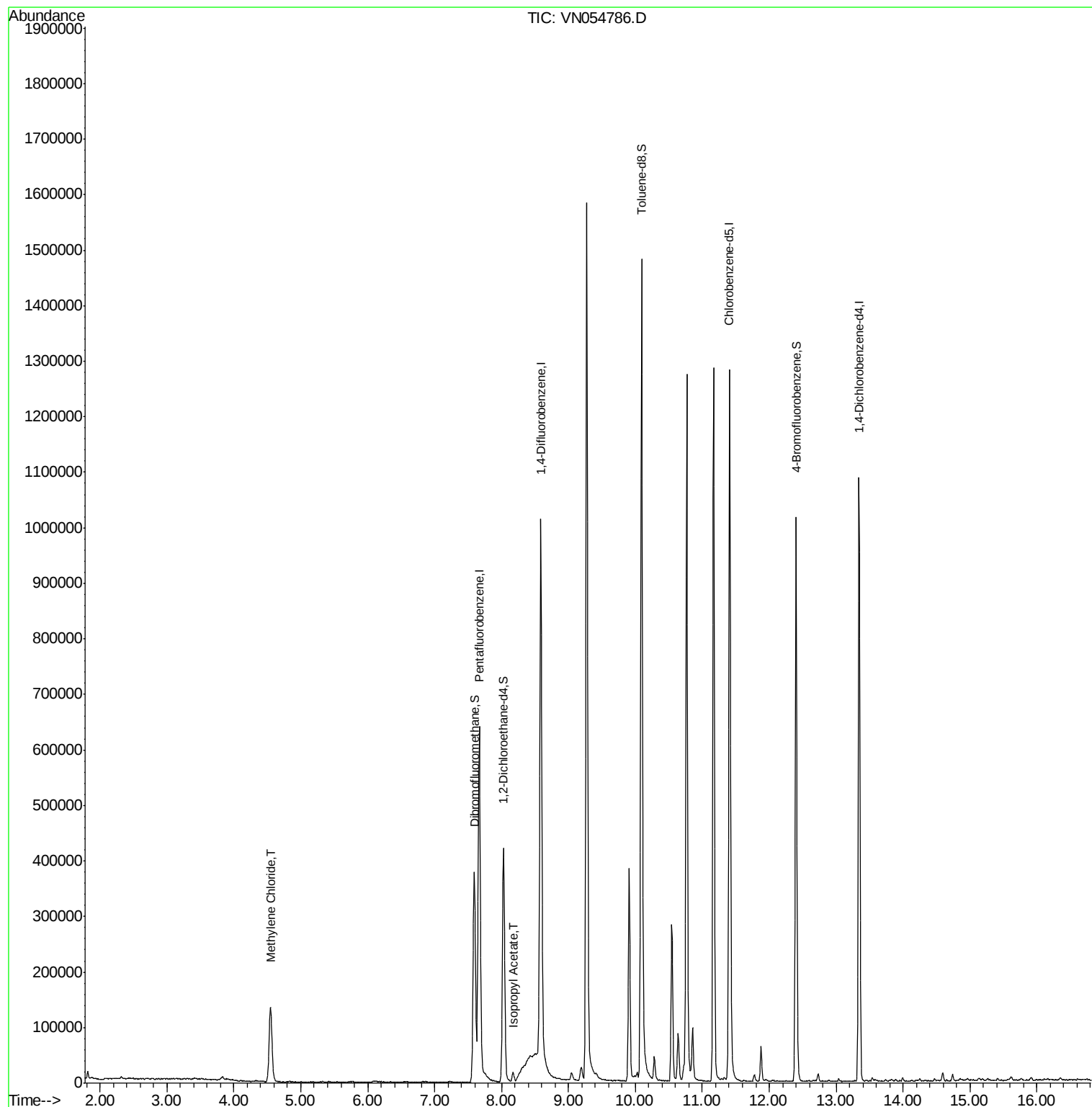
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	540471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	891981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	772433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	287928	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	361960	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
35) Dibromofluoromethane	7.59	113	284699	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
50) Toluene-d8	10.09	98	1082163	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.40	95	340331	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
Target Compounds						
20) Methylene Chloride	4.55	84	93186	15.205	ug/l #	84
43) Isopropyl Acetate	8.17	43	18931	1.912	ug/l	93

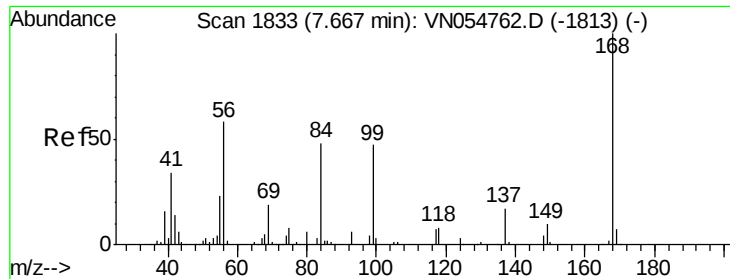
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032919\
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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: VN054786.D

Acq: 29 Mar 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

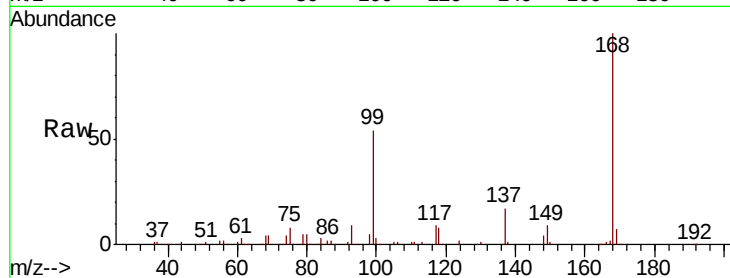
SU-02-032719-B

Tot Ion:168 Resp: 540471

Ion Ratio Lower Upper

168 100

99 54.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

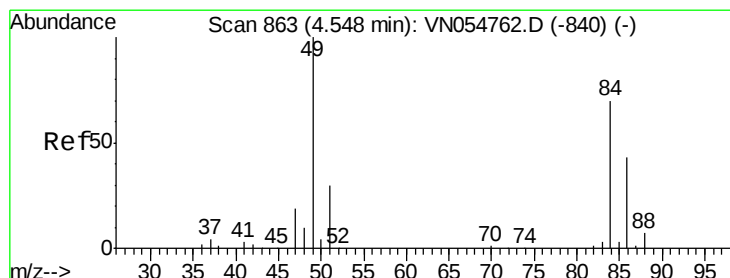
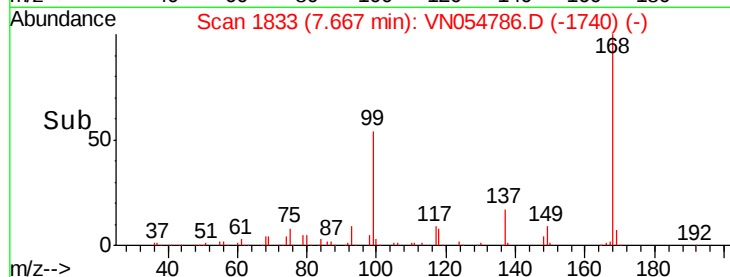
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 15.205 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054786.D

Acq: 29 Mar 2019 22:24

Tgt Ion: 84 Resp: 93186

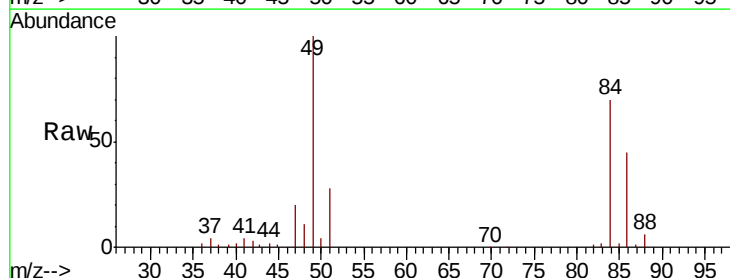
Ion Ratio Lower Upper

84 100

49 142.0 89.7 134.5#

51 39.6 28.2 42.4

86 63.5 50.8 76.2



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

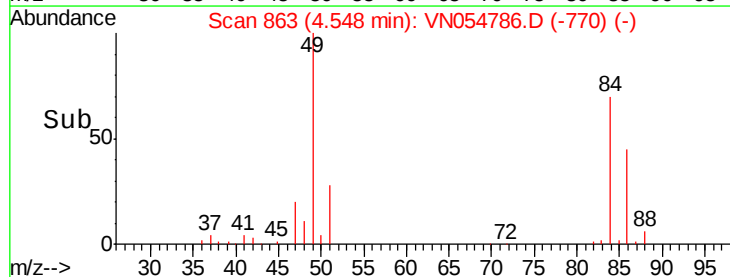
60000

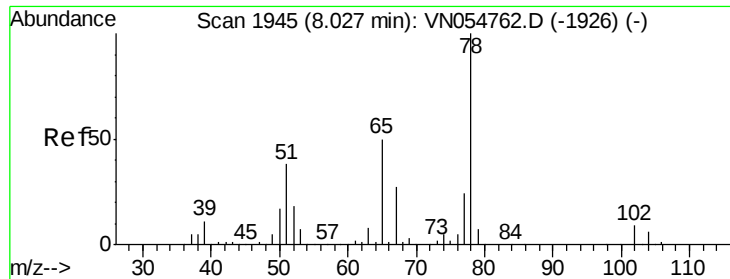
40000

20000

0

Time-->

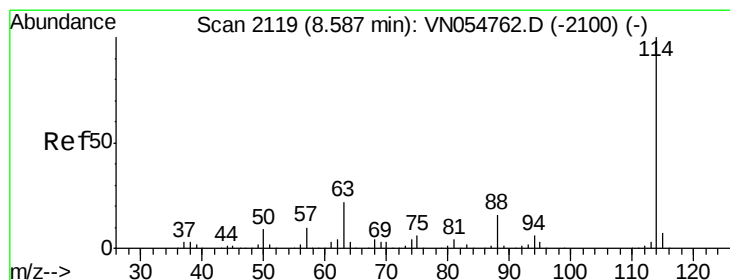
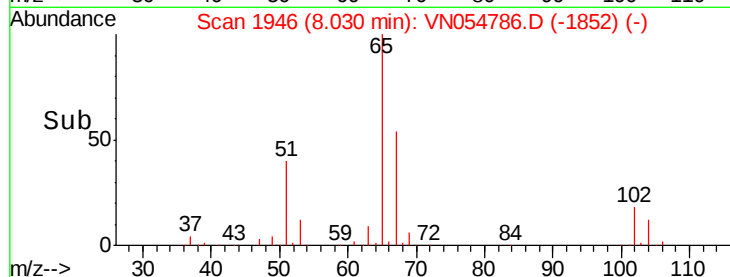
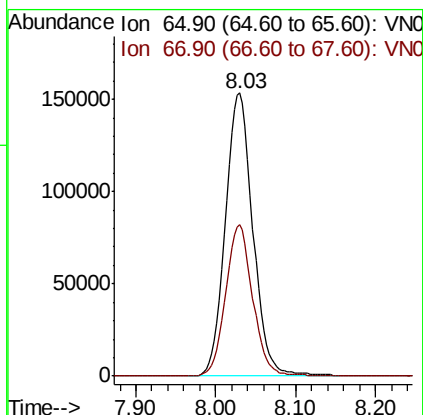
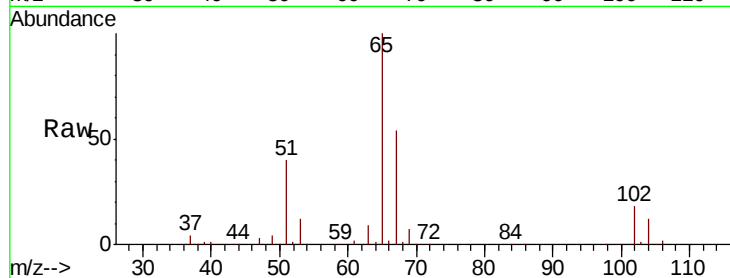




#33
 1,2-Dichloroethane-d4
 Concen: 49.681 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054786.D
 Acq: 29 Mar 2019 22:24

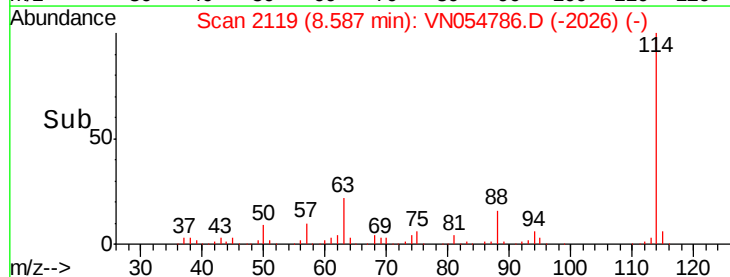
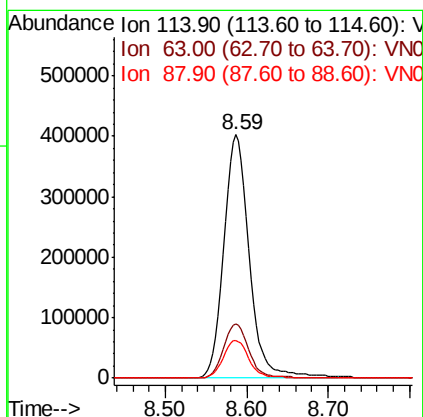
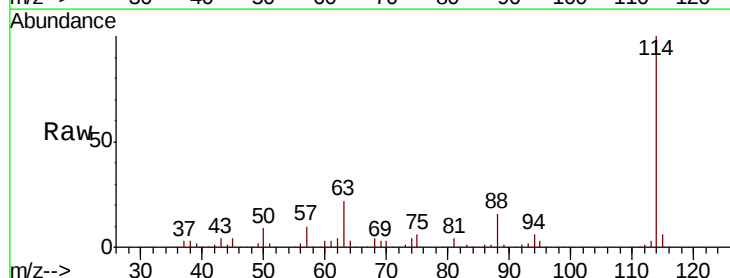
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-032719-B

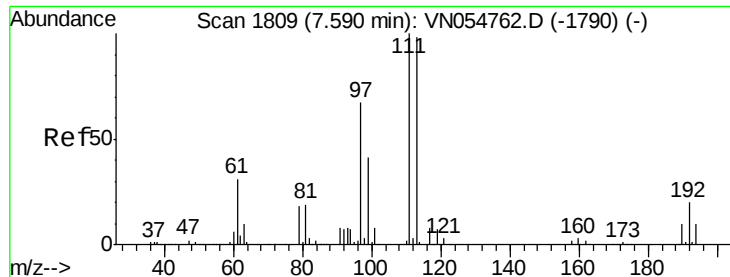
Tot Ion: 65 Resp: 361960
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054786.D
 Acq: 29 Mar 2019 22:24

Tgt Ion: 114 Resp: 891981
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 35.2
 88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.875 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054786.D

Acq: 29 Mar 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

SU-02-032719-B

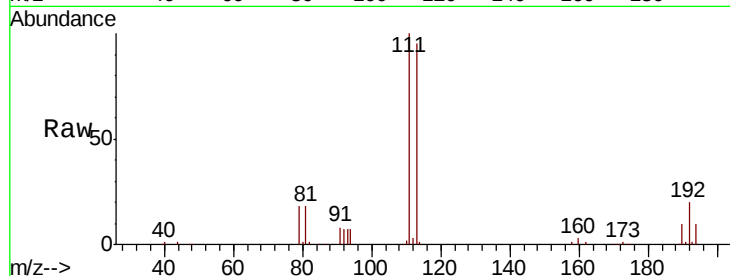
Tot Ion:113 Resp: 284699

Ion Ratio Lower Upper

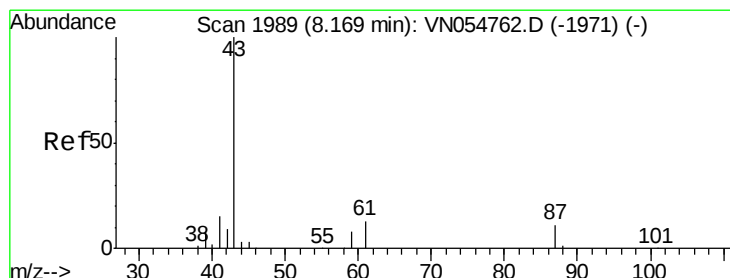
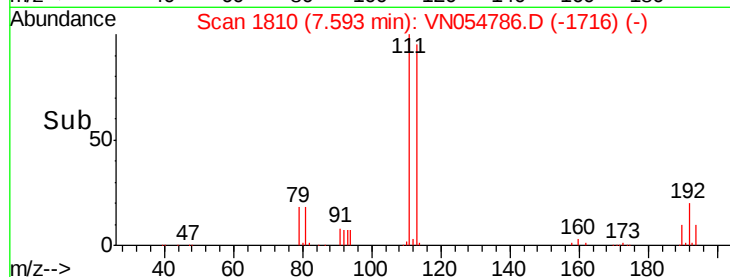
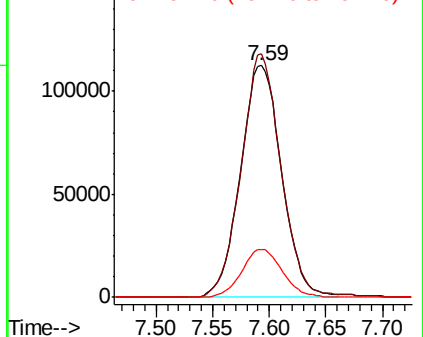
113 100

111 102.2 82.2 123.4

192 20.5 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#43

Isopropyl Acetate

Concen: 1.912 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054786.D

Acq: 29 Mar 2019 22:24

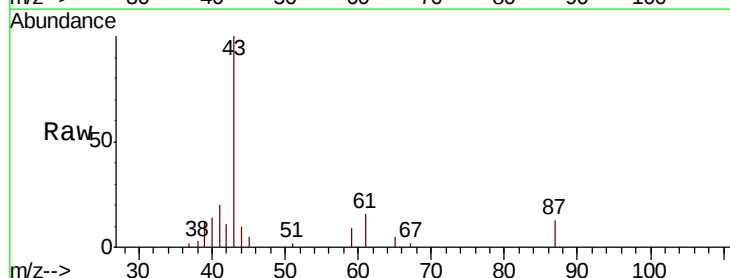
Tgt Ion: 43 Resp: 18931

Ion Ratio Lower Upper

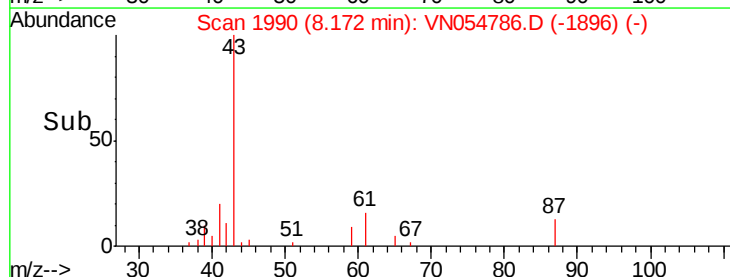
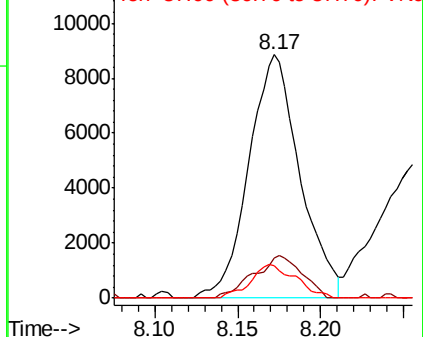
43 100

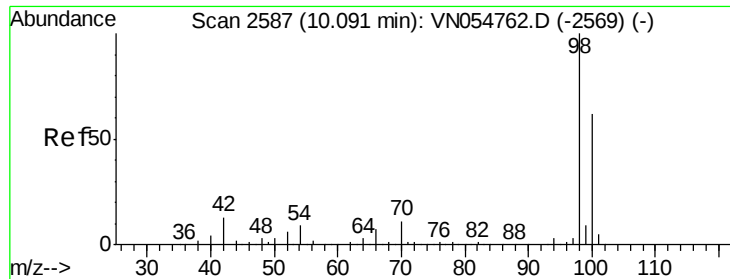
61 16.6 15.8 23.8

87 12.1 12.0 18.0



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: 48.947 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054786.D

Acq: 29 Mar 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

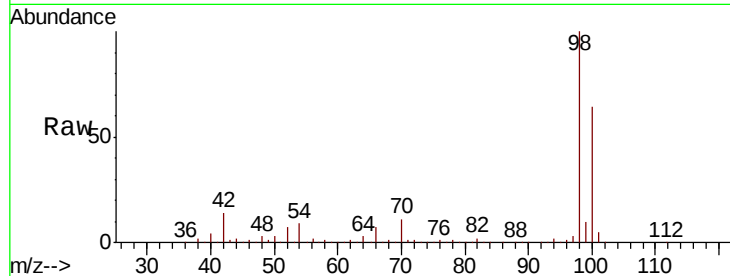
SU-02-032719-B

Tot Ion: 98 Resp: 1082163

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

600000

500000

400000

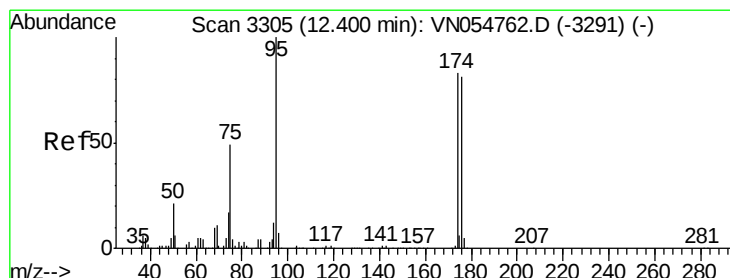
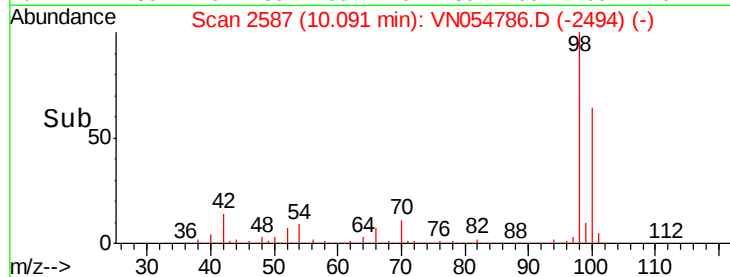
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.286 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054786.D

Acq: 29 Mar 2019 22:24

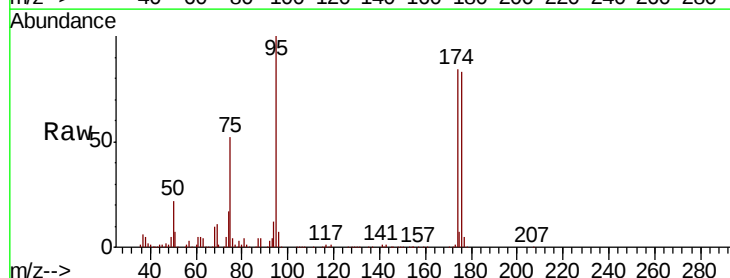
Tgt Ion: 95 Resp: 340331

Ion Ratio Lower Upper

95 100

174 85.1 0.0 191.0

176 82.4 0.0 187.4



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

250000

200000

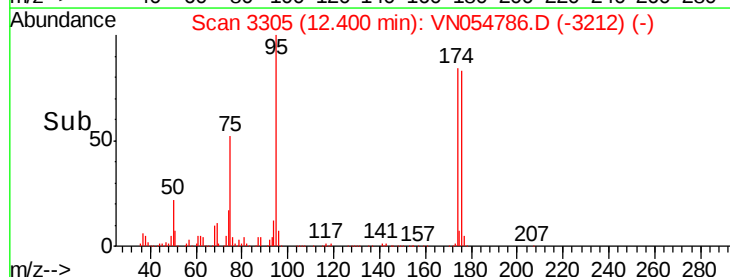
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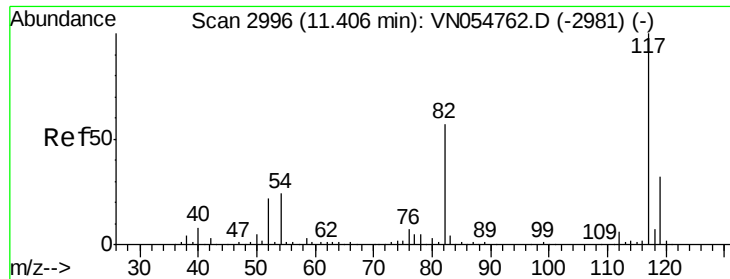
100000

50000

0

Time-->

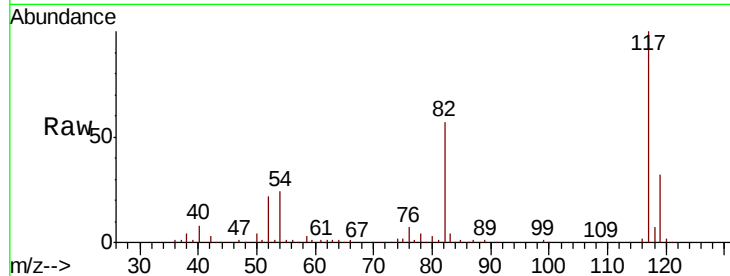




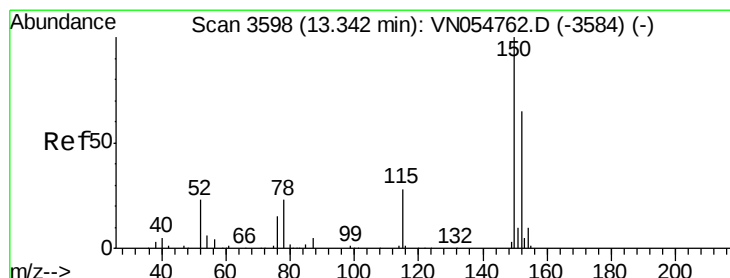
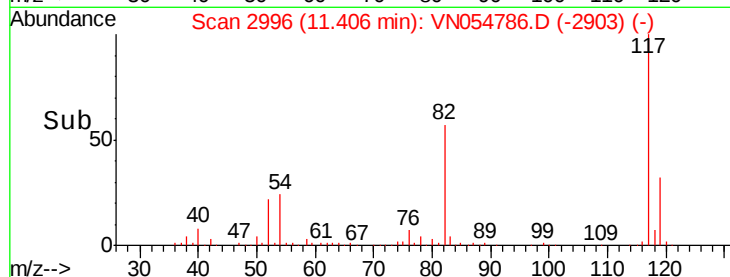
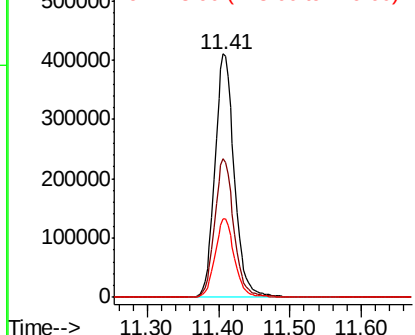
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN054786.D
 Acq: 29 Mar 2019 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-032719-B

Tot Ion:117 Resp: 772433
 Ion Ratio Lower Upper
 117 100
 82 56.9 40.0 60.0
 119 32.1 25.8 38.6

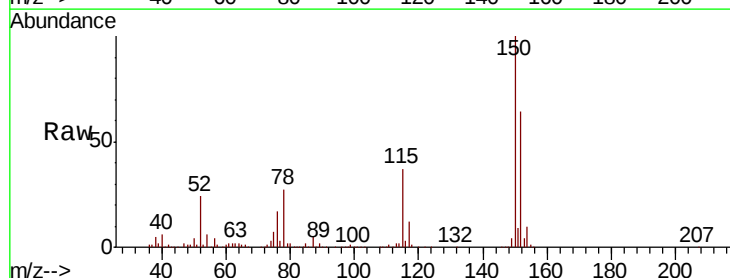


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN054786.D
 Acq: 29 Mar 2019 22:24

Tgt Ion:152 Resp: 287928
 Ion Ratio Lower Upper
 152 100
 115 58.6 27.2 81.6
 150 157.1 0.0 349.2



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

