

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
 Data File : VN054191.D
 Acq On : 13 Mar 2019 4:21
 Operator : JC/SP
 Sample : K1697-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-031119-A

Quant Time: Mar 13 08:48:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1481403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2414653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2506917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1096977	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	776796	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
35) Dibromofluoromethane	7.59	113	735754	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
50) Toluene-d8	10.09	98	2981756	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.40	95	1137999	56.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.10%	

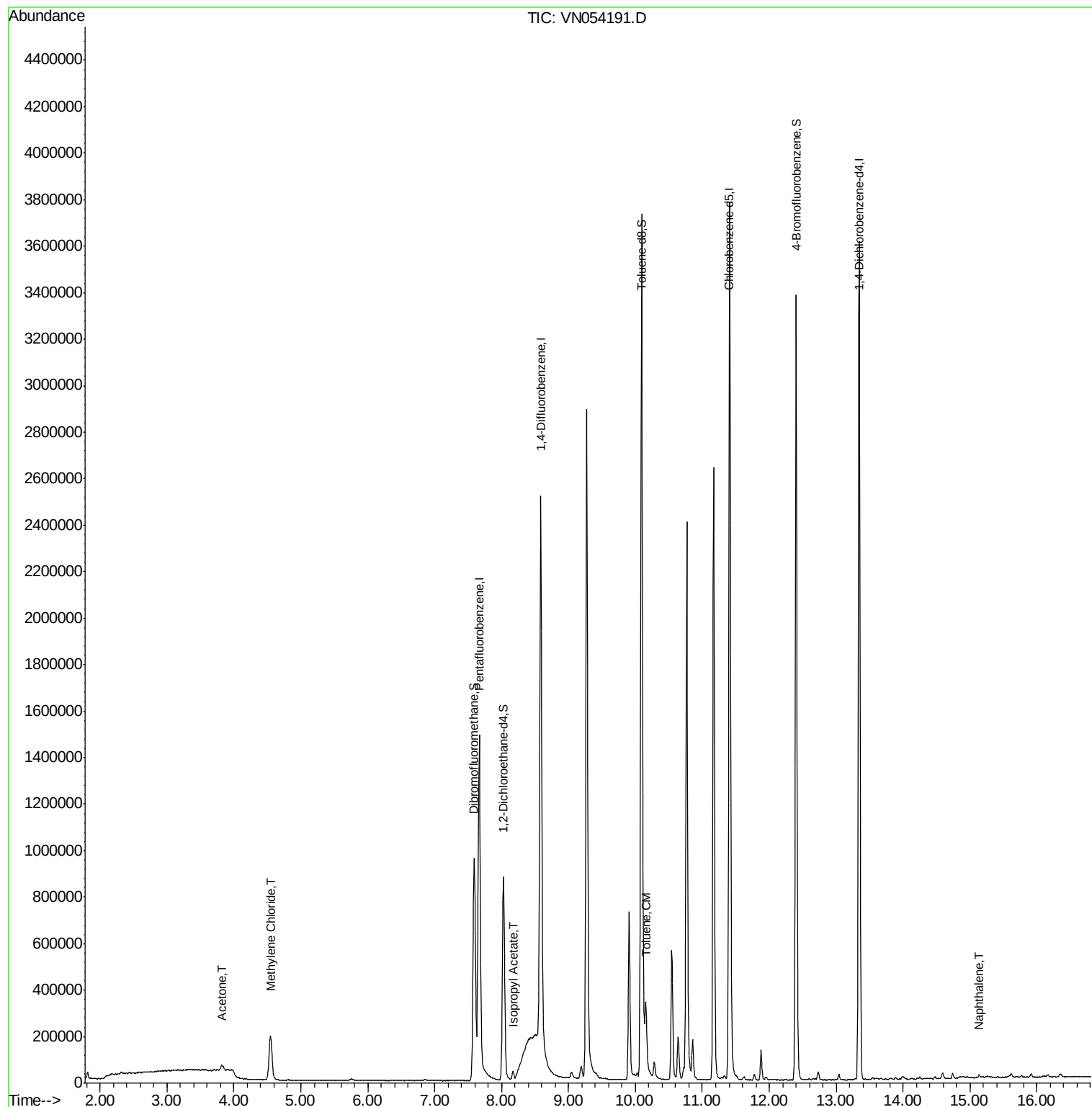
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	34304	7.615	ug/l	93
20) Methylene Chloride	4.55	84	156277	10.566	ug/l	97
43) Isopropyl Acetate	8.17	43	48567	2.166	ug/l	99
52) Toluene	10.16	92	120744	2.993	ug/l	98
95) Naphthalene	15.14	128	12709	3.716	ug/l	97

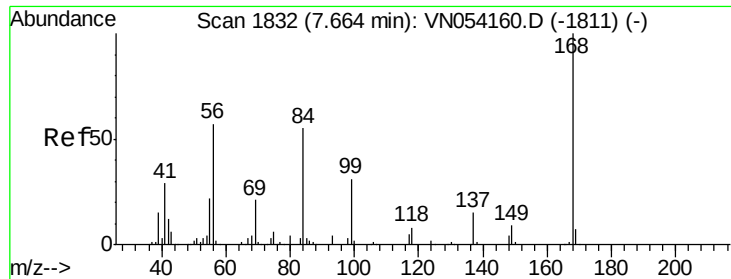
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054191.D

Acq: 13 Mar 2019 4:21

Instrument :

MSVOA_N

ClientSampleId :

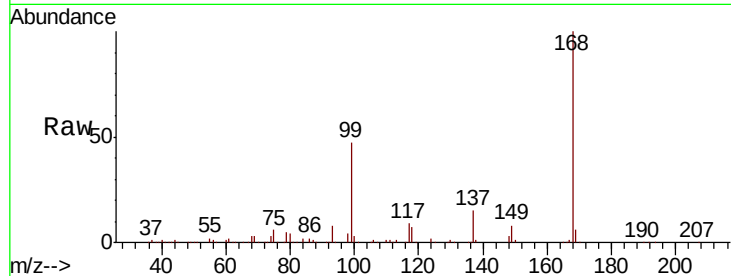
SU-03-031119-A

Tgt Ion:168 Resp: 1481403

Ion Ratio Lower Upper

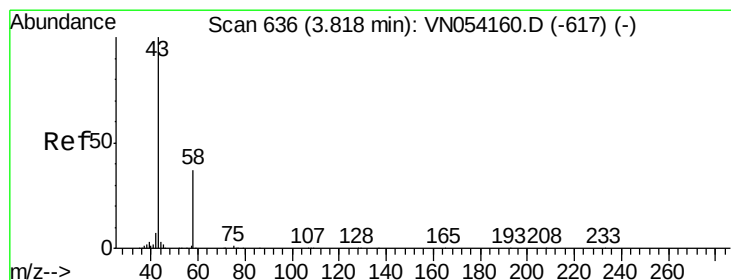
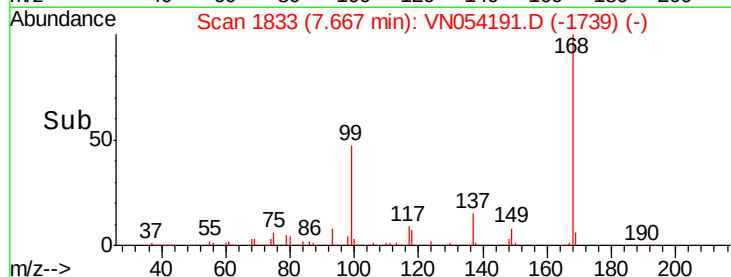
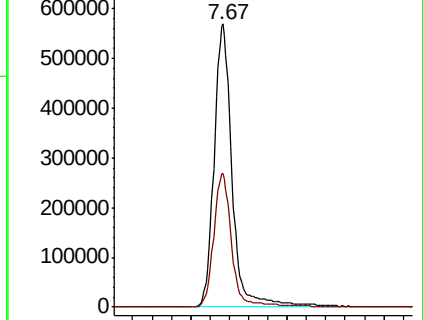
168 100

99 47.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054191.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN054191.D (-1739) (-)



#16

Acetone

Concen: 7.615 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN054191.D

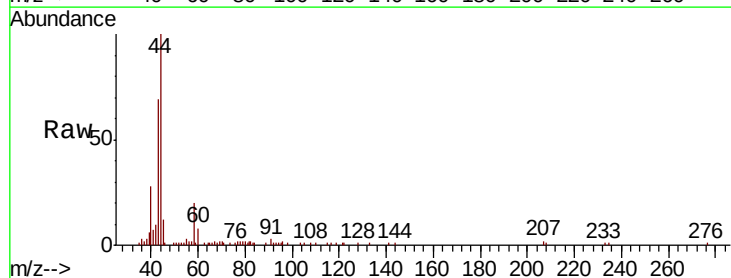
Acq: 13 Mar 2019 4:21

Tgt Ion: 43 Resp: 34304

Ion Ratio Lower Upper

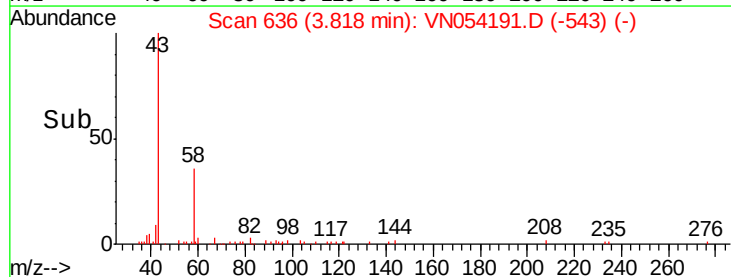
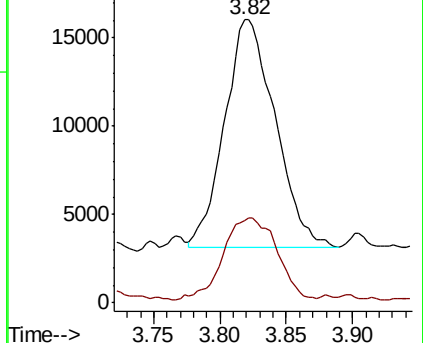
43 100

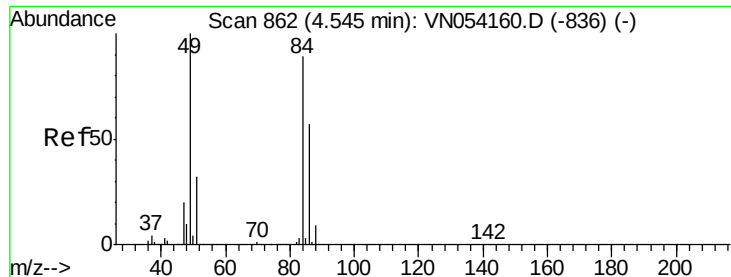
58 33.5 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054191.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN054191.D (-543) (-)

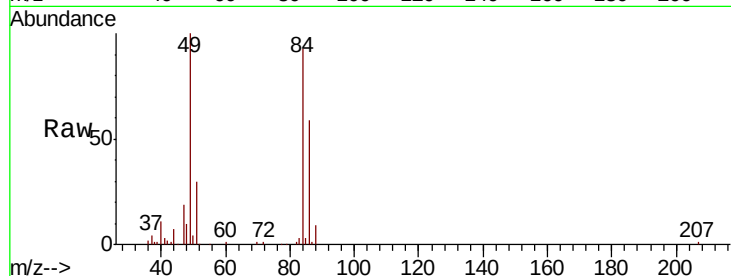




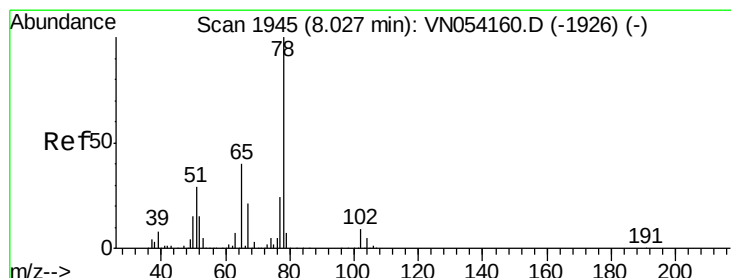
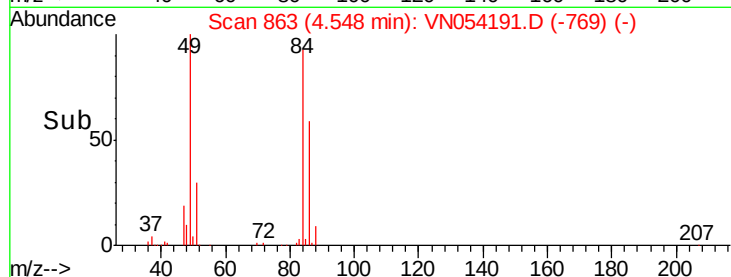
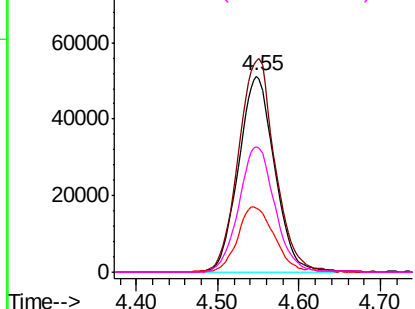
#20
Methylene Chloride
Concen: 10.566 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054191.D
Acq: 13 Mar 2019 4:21

Instrument :
MSVOA_N
ClientSampleId :
SU-03-031119-A

Tgt Ion: 84 Resp: 156277
Ion Ratio Lower Upper
84 100
49 107.7 89.7 134.5
51 32.8 28.2 42.4
86 64.0 50.8 76.2

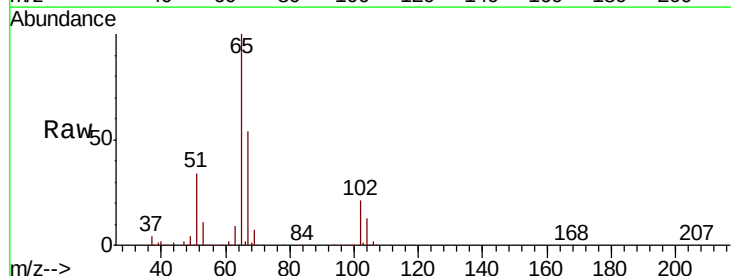


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

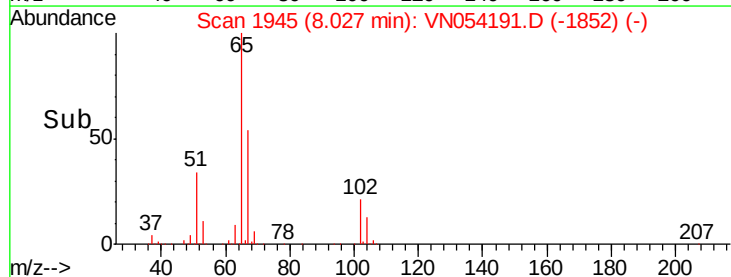
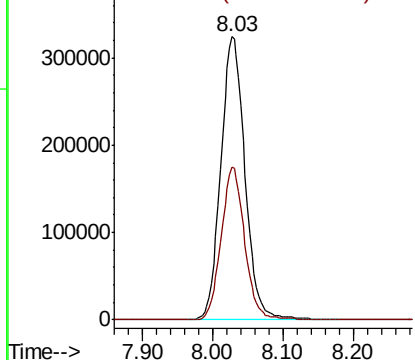


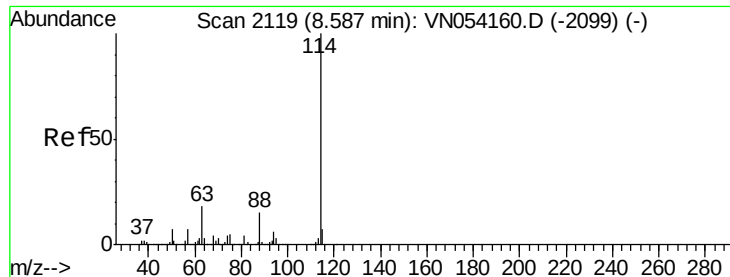
#33
1,2-Dichloroethane-d4
Concen: 49.375 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054191.D
Acq: 13 Mar 2019 4:21

Tgt Ion: 65 Resp: 776796
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

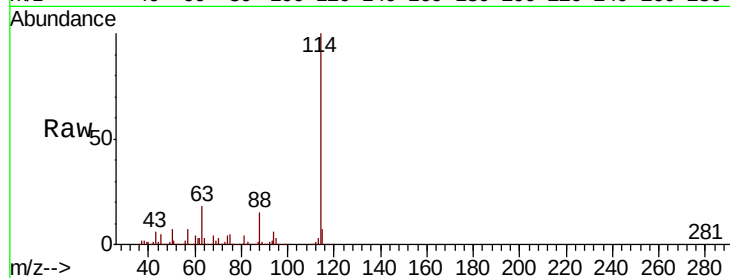




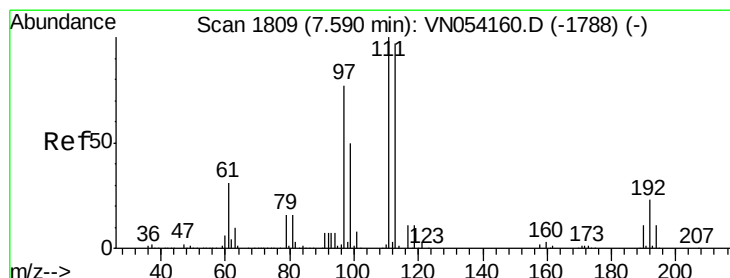
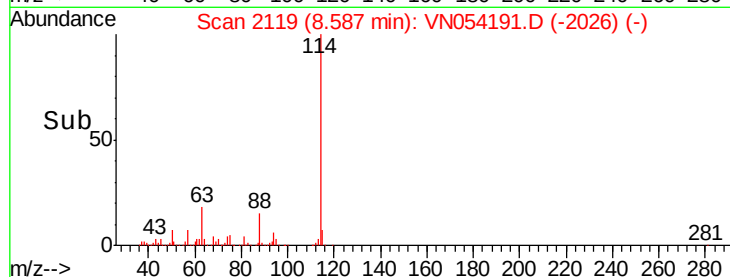
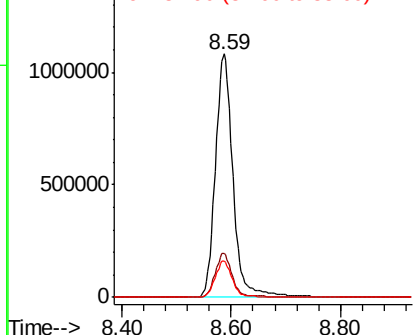
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054191.D
 Acq: 13 Mar 2019 4:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-031119-A

Tgt Ion:114 Resp: 2414653
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.2
 88 14.9 0.0 30.2

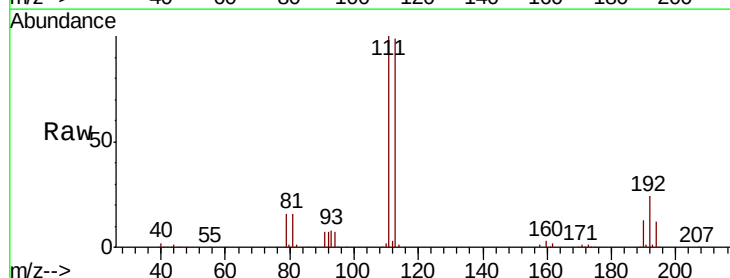


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

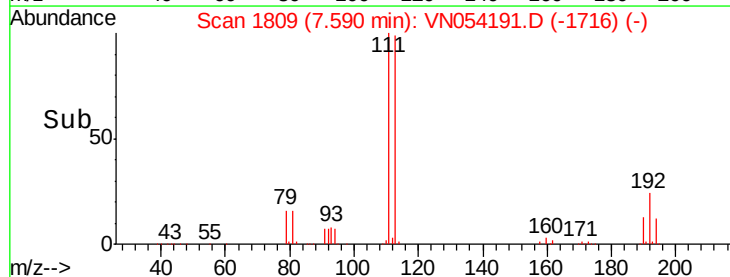
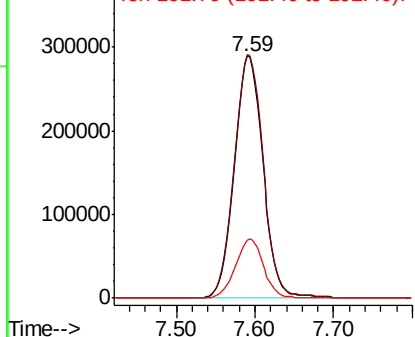


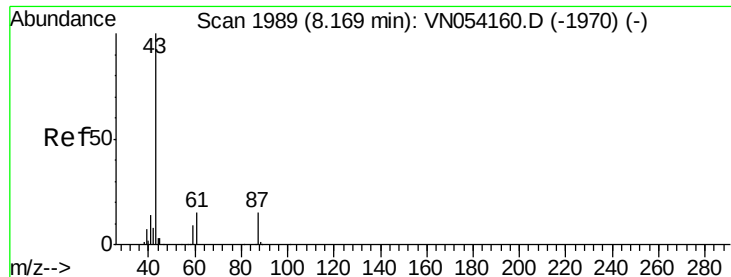
#35
 Dibromofluoromethane
 Concen: 47.244 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054191.D
 Acq: 13 Mar 2019 4:21

Tgt Ion:113 Resp: 735754
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 23.9 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: 2.166 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054191.D

Acq: 13 Mar 2019 4:21

Instrument :

MSVOA_N

ClientSampleId :

SU-03-031119-A

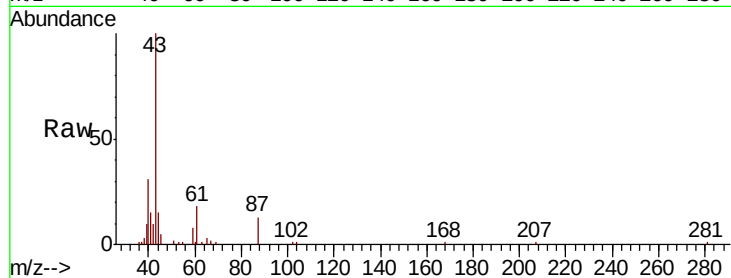
Tgt Ion: 43 Resp: 48567

Ion Ratio Lower Upper

43 100

61 20.0 15.8 23.8

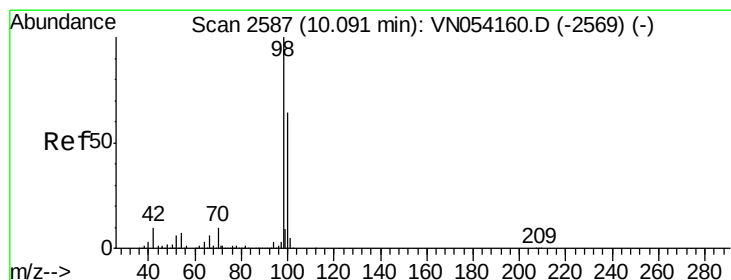
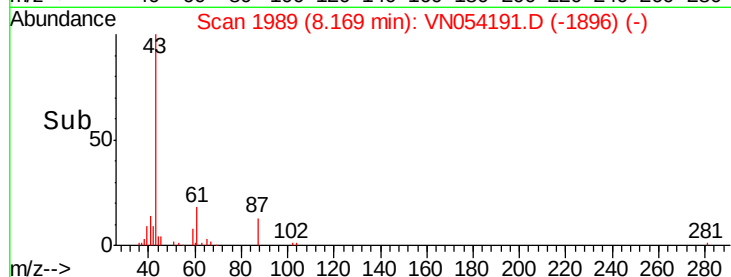
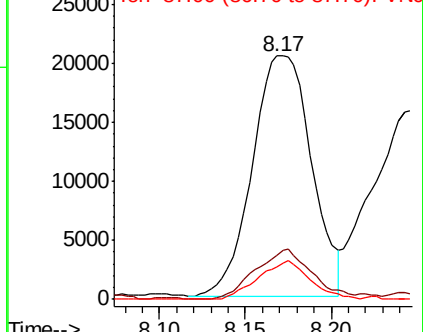
87 13.9 12.0 18.0



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: 51.843 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054191.D

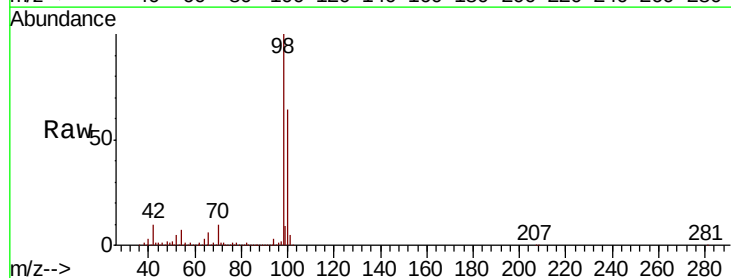
Acq: 13 Mar 2019 4:21

Tgt Ion: 98 Resp: 2981756

Ion Ratio Lower Upper

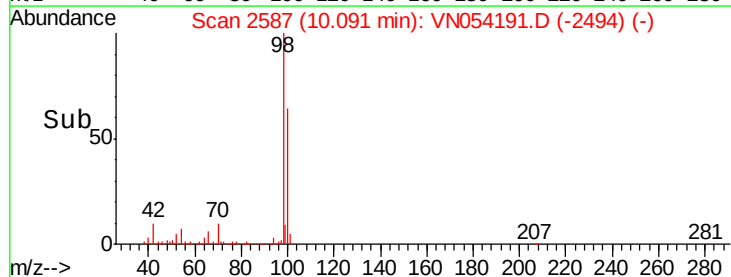
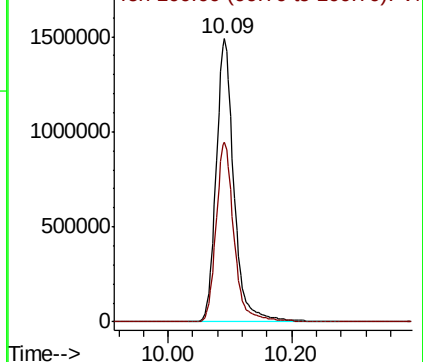
98 100

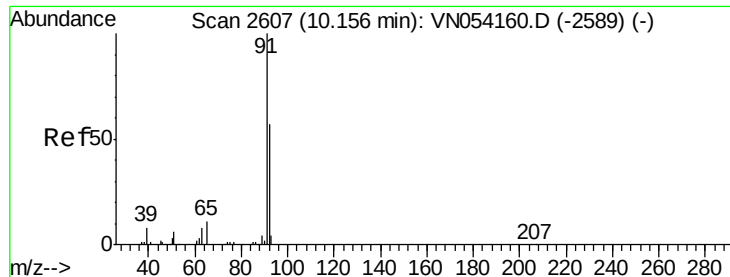
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 2.993 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054191.D

Acq: 13 Mar 2019 4:21

Instrument :

MSVOA_N

ClientSampleId :

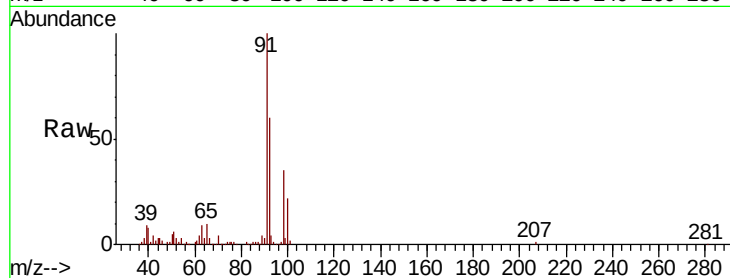
SU-03-031119-A

Tgt Ion: 92 Resp: 120744

Ion Ratio Lower Upper

92 100

91 173.2 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

120000

100000

80000

60000

40000

20000

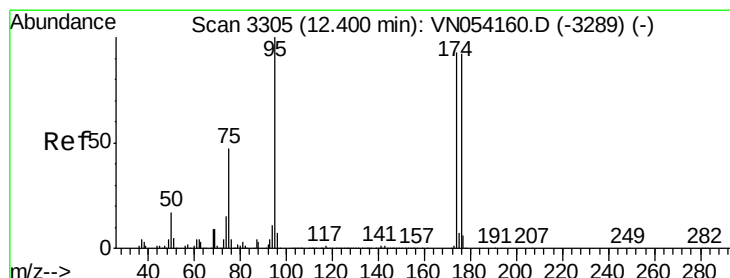
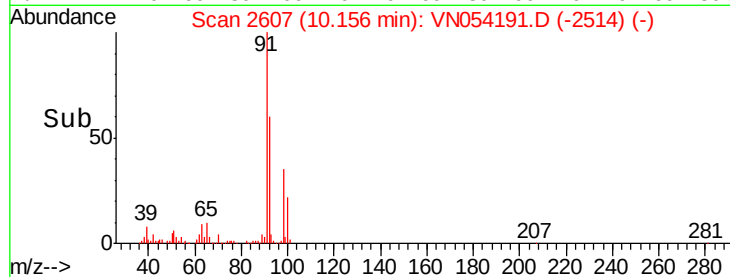
0

10.10

10.20

10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 56.548 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054191.D

Acq: 13 Mar 2019 4:21

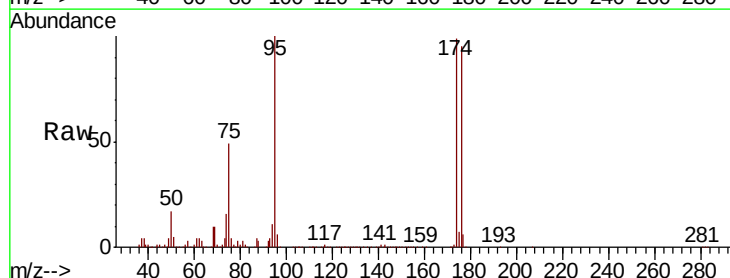
Tgt Ion: 95 Resp: 1137999

Ion Ratio Lower Upper

95 100

174 98.0 0.0 191.0

176 94.4 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

800000

600000

400000

200000

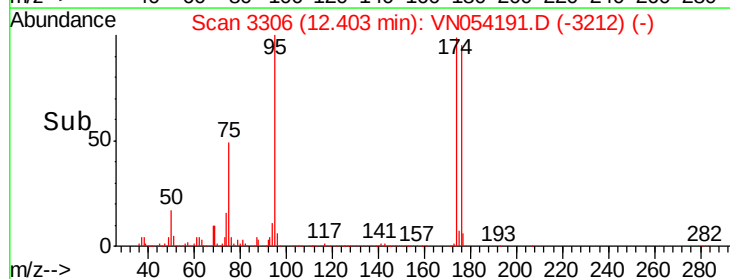
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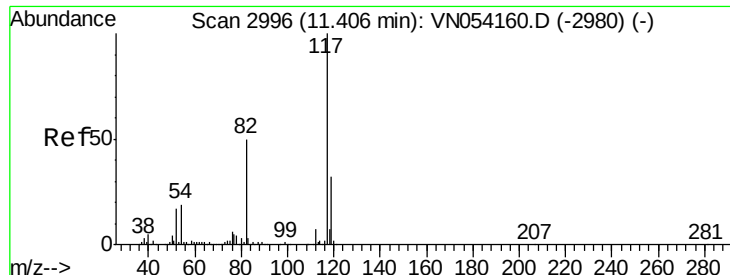
12.30

12.40

12.50

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054191.D

Acq: 13 Mar 2019 4:21

Instrument :

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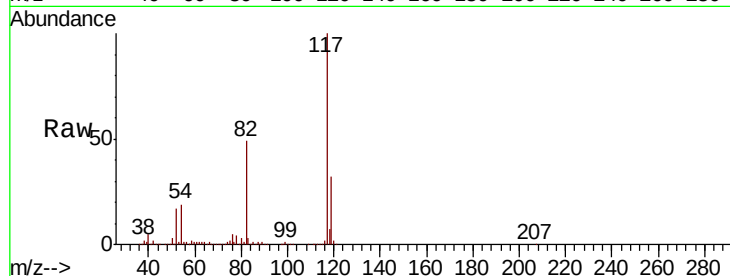
Tgt Ion:117 Resp: 2506917

Ion Ratio Lower Upper

117 100

82 49.5 40.0 60.0

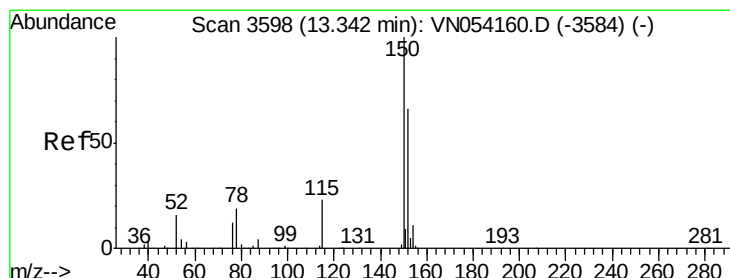
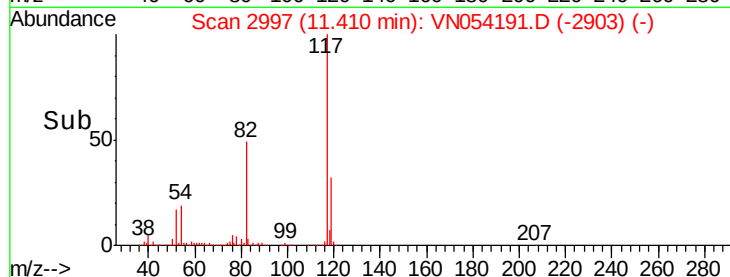
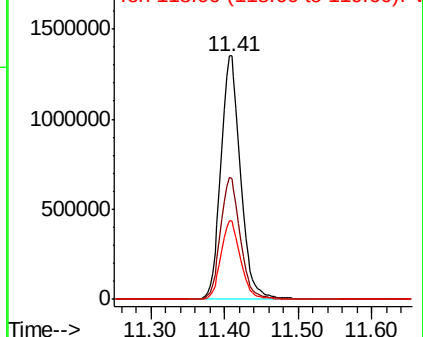
119 32.2 25.8 38.6



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054191.D

Acq: 13 Mar 2019 4:21

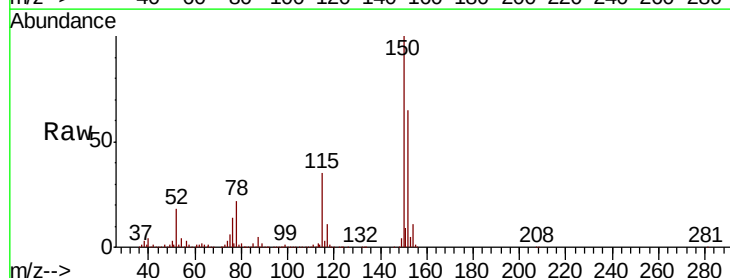
Tgt Ion:152 Resp: 1096977

Ion Ratio Lower Upper

152 100

115 54.4 27.2 81.6

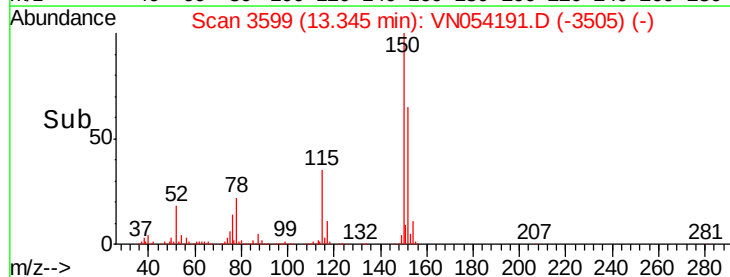
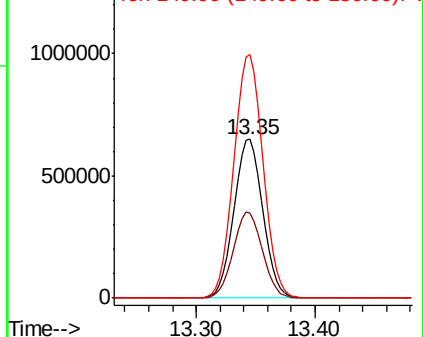
150 154.5 0.0 349.2

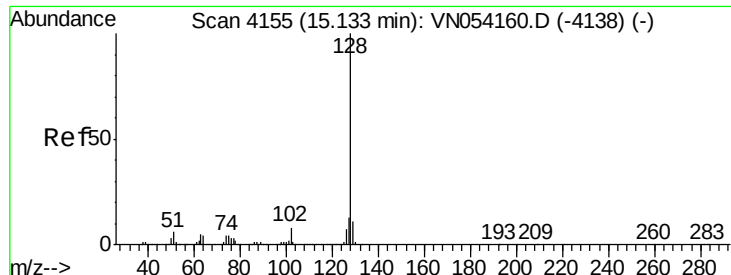


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.716 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

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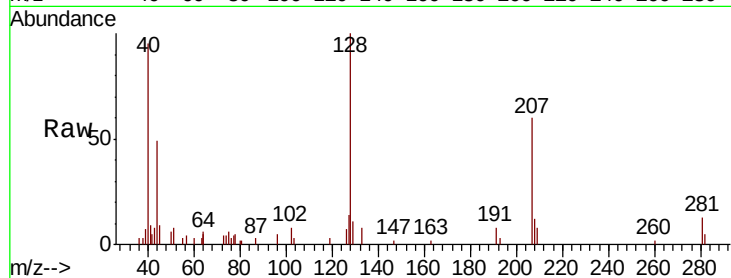
Tgt Ion:128 Resp: 12709

Ion Ratio Lower Upper

128 100

127 11.6 10.1 15.1

129 9.7 8.7 13.1



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

