

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054896.D
 Acq On : 2 Apr 2019 12:46
 Operator : JC/SP
 Sample : K2186-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-78-79

Quant Time: Apr 03 05:43:41 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

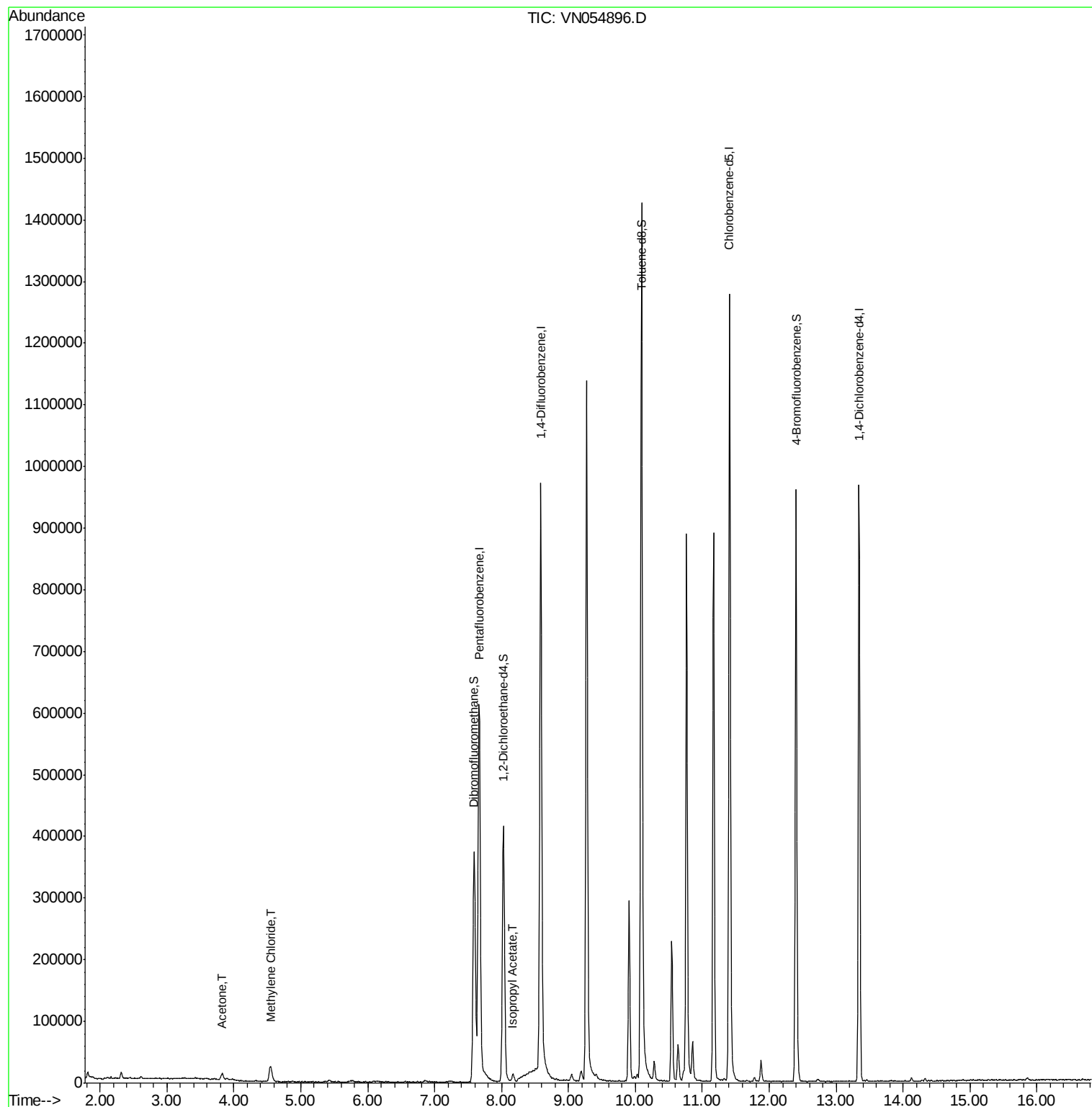
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	525142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	871993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	761747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	260568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	356354	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
35) Dibromofluoromethane	7.59	113	277585	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
50) Toluene-d8	10.09	98	1066973	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.40	95	321378	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
Target Compounds						
16) Acetone	3.83	43	17068	10.111	ug/l #	83
20) Methylene Chloride	4.55	84	17086	2.869	ug/l #	87
43) Isopropyl Acetate	8.17	43	14493	1.497	ug/l #	96

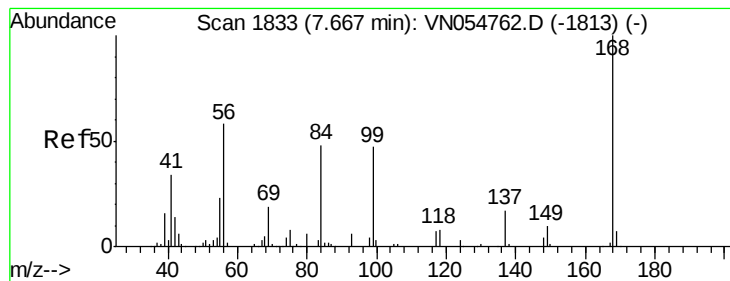
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054896.D

Acq: 2 Apr 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

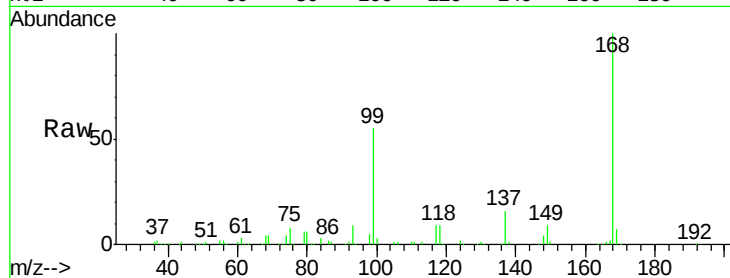
TP-TRACK-78-79

Tot Ion:168 Resp: 525142

Ion Ratio Lower Upper

168 100

99 55.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054896.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054896.D (-1740) (-)

7.66

250000

200000

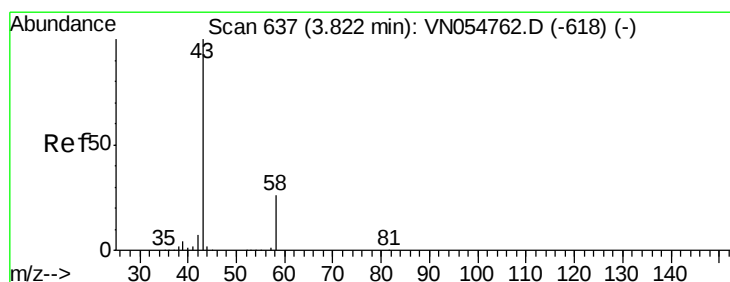
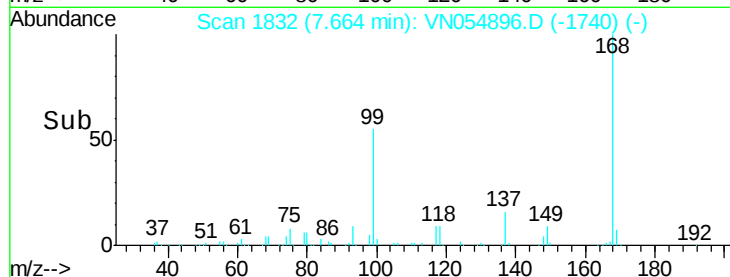
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 10.111 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054896.D

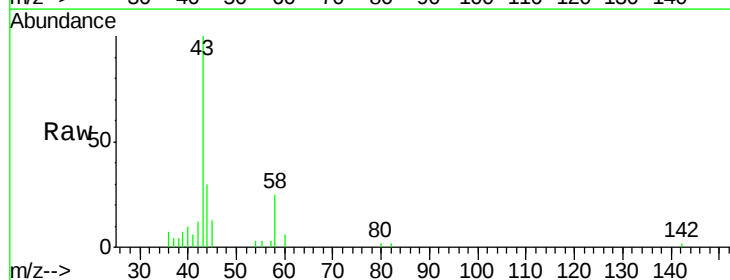
Acq: 2 Apr 2019 12:46

Tgt Ion: 43 Resp: 17068

Ion Ratio Lower Upper

43 100

58 27.1 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054896.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN054896.D (-544) (-)

3.83

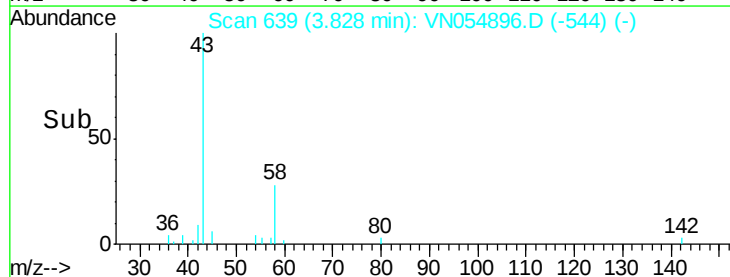
6000

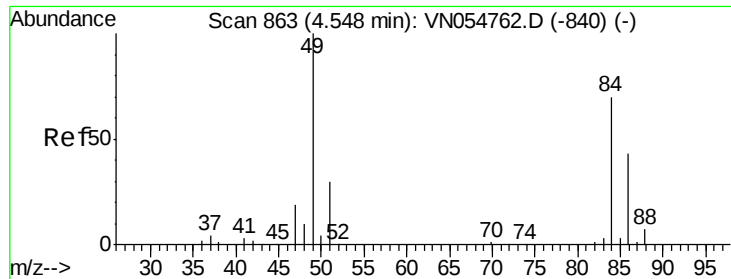
4000

2000

0

Time--> 3.70 3.80 3.90

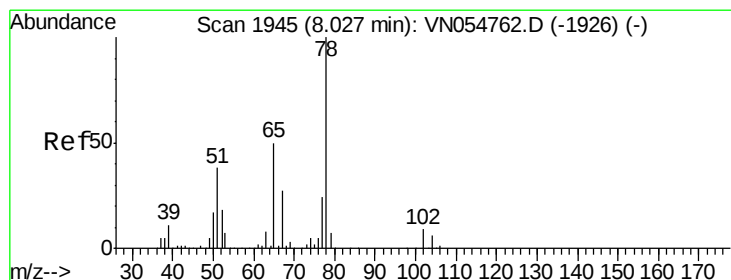
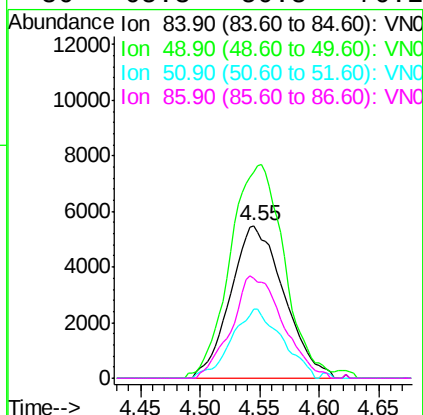
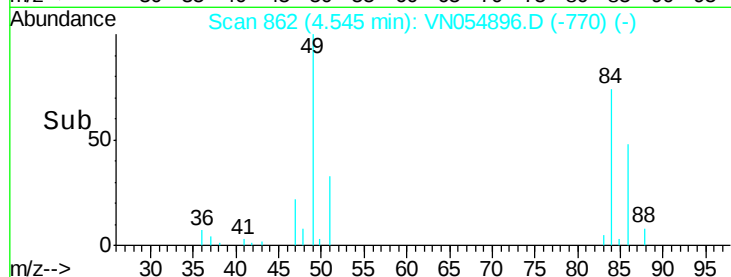
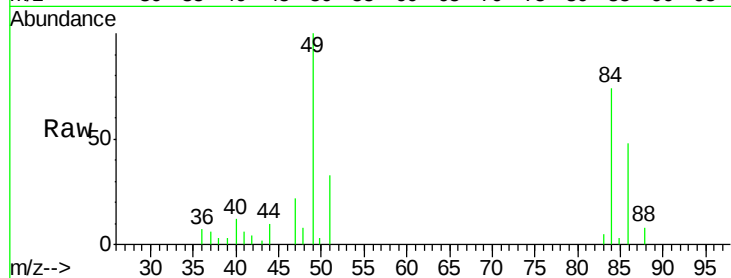




#20
Methvlene Chloride
Concen: 2.869 ug/l
RT: 4.55 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054896.D
Acq: 2 Apr 2019 12:46

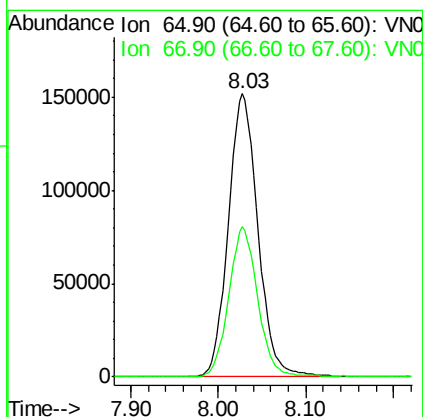
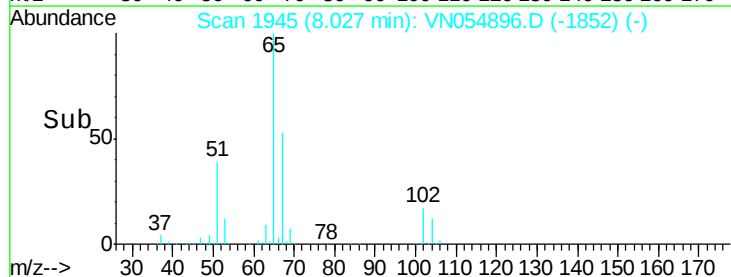
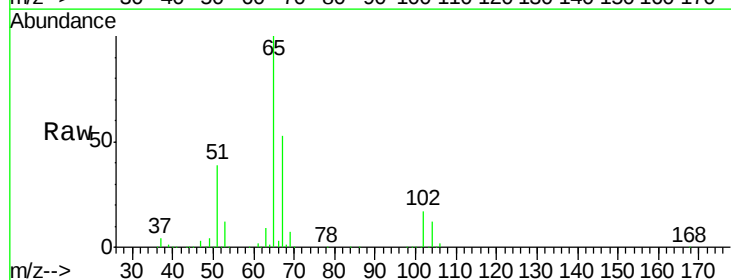
Instrument :
MSVOA_N
ClientSampleId :
TP-TRACK-78-79

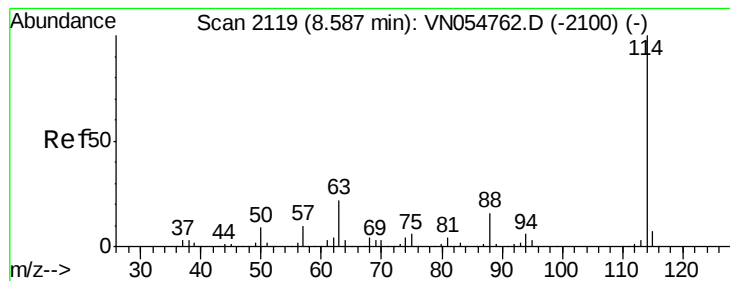
Tot Ion: 84 Resp: 17086
Ion Ratio Lower Upper
84 100
49 132.1 89.7 134.5
51 45.2 28.2 42.4#
86 65.3 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 50.339 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054896.D
Acq: 2 Apr 2019 12:46

Tgt Ion: 65 Resp: 356354
Ion Ratio Lower Upper
65 100
67 51.5 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: VN054896.D

Acq: 2 Apr 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

TP-TRACK-78-79

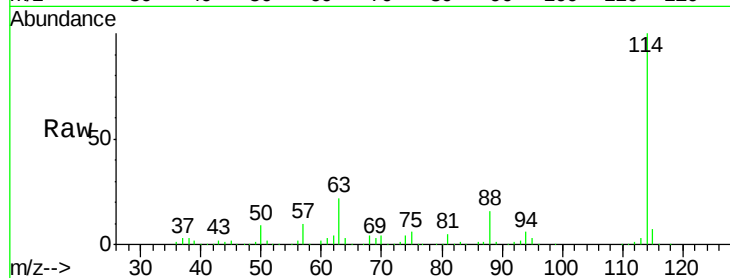
Tot Ion:114 Resp: 871993

Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.2

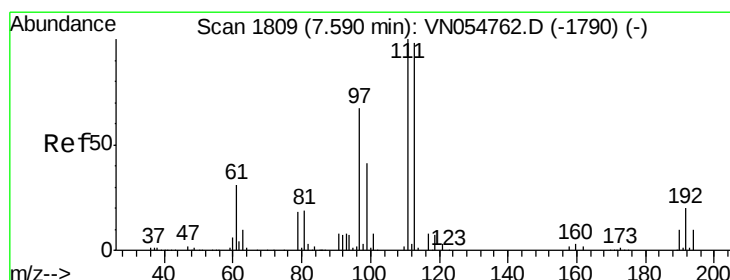
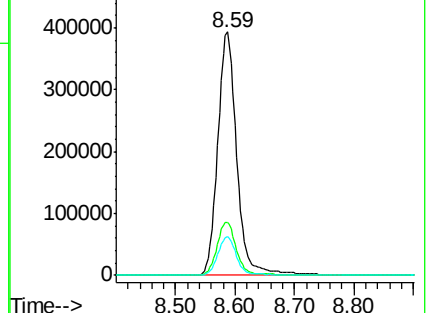
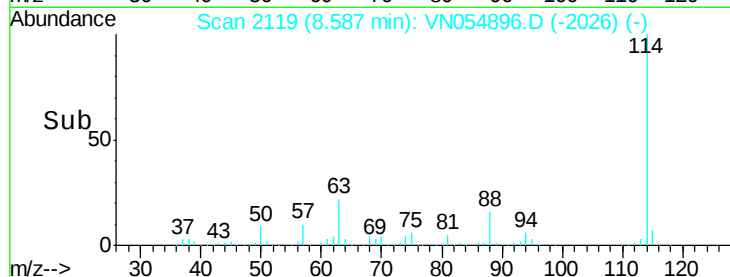
88 15.9 0.0 30.2



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: 47.748 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054896.D

Acq: 2 Apr 2019 12:46

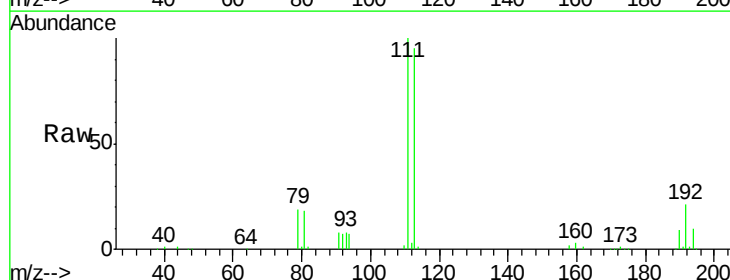
Tgt Ion:113 Resp: 277585

Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

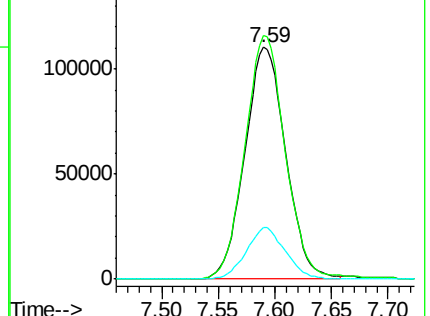
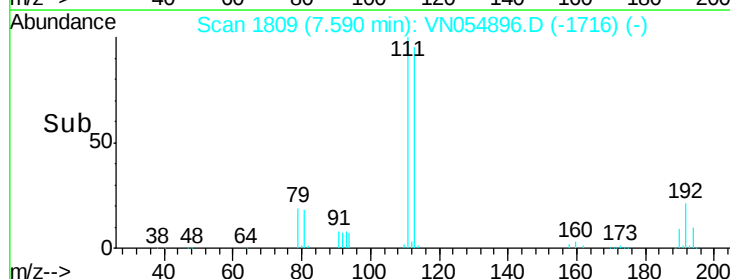
192 21.2 19.2 28.8

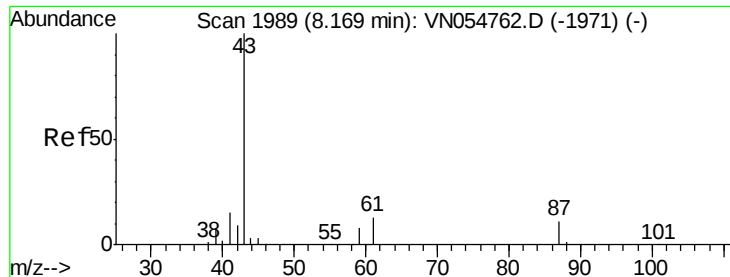


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.497 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054896.D

Acq: 2 Apr 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

TP-TRACK-78-79

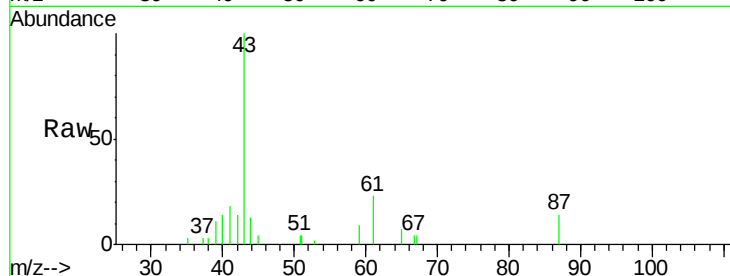
Tot Ion: 43 Resp: 14493

Ion Ratio Lower Upper

43 100

61 19.3 15.8 23.8

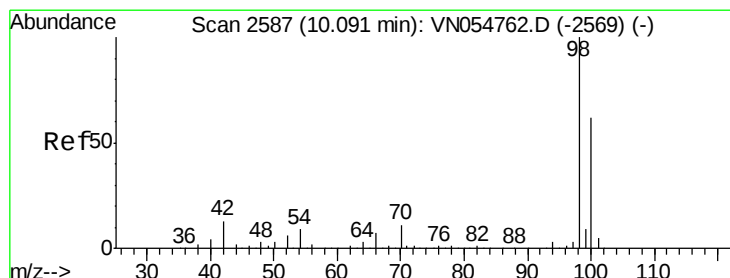
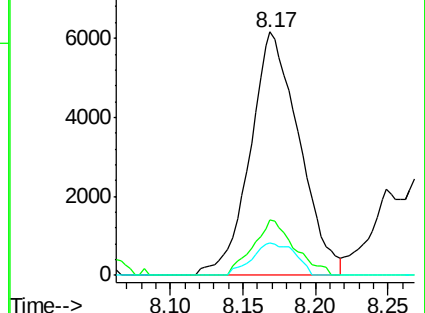
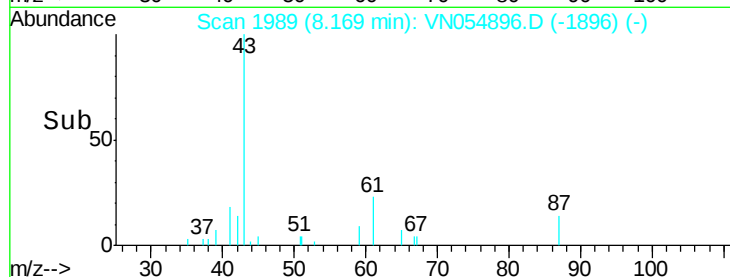
87 11.6 12.0 18.0#



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: 49.366 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054896.D

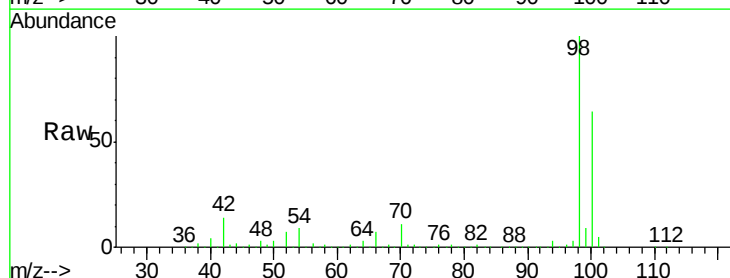
Acq: 2 Apr 2019 12:46

Tgt Ion: 98 Resp: 1066973

Ion Ratio Lower Upper

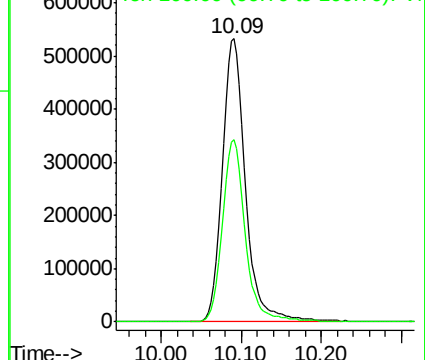
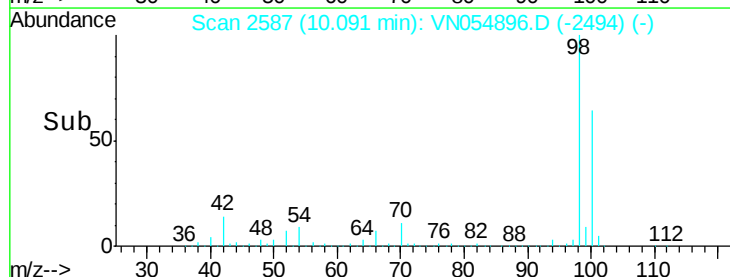
98 100

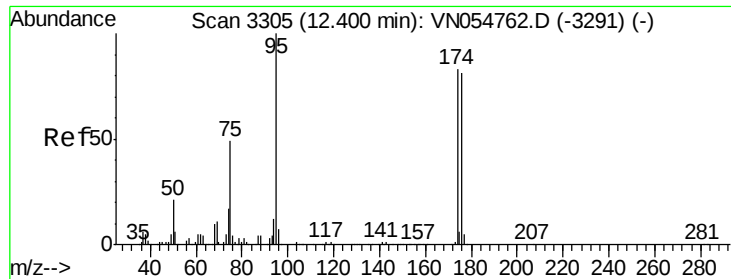
100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.710 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054896.D

Acq: 2 Apr 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

TP-TRACK-78-79

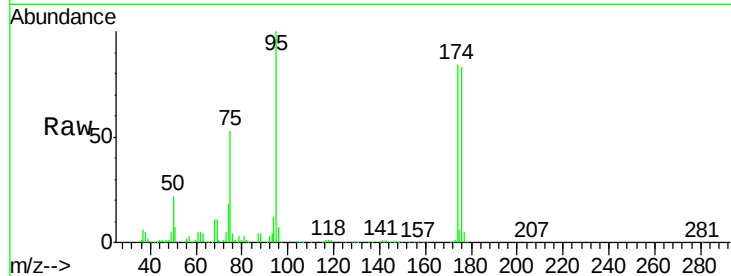
Tot Ion: 95 Resp: 321378

Ion Ratio Lower Upper

95 100

174 85.1 0.0 191.0

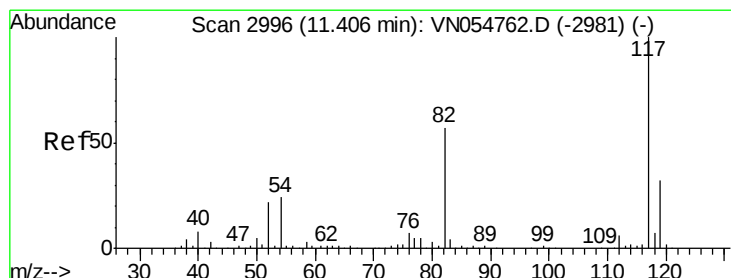
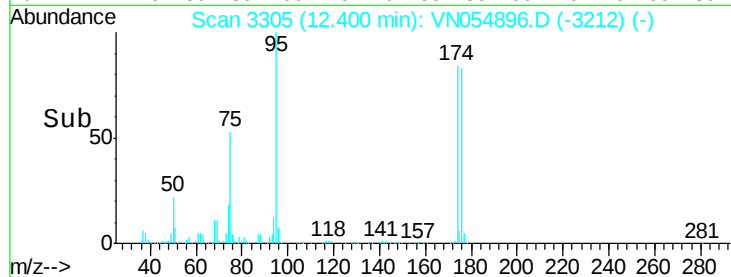
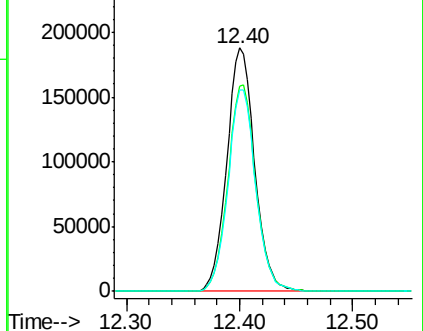
176 82.9 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054896.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054896.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054896.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054896.D

Acq: 2 Apr 2019 12:46

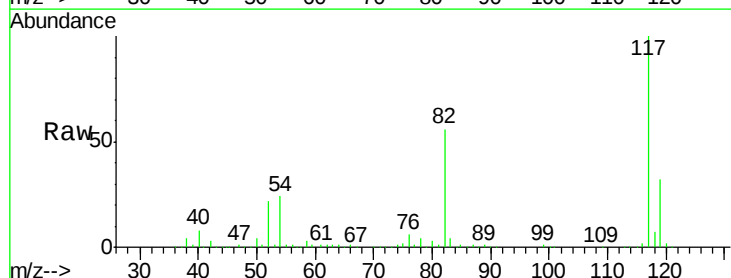
Tgt Ion: 117 Resp: 761747

Ion Ratio Lower Upper

117 100

82 55.7 40.0 60.0

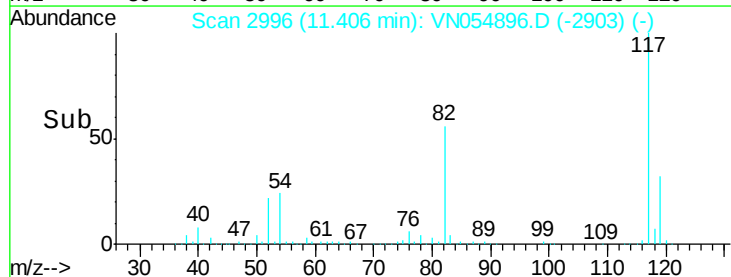
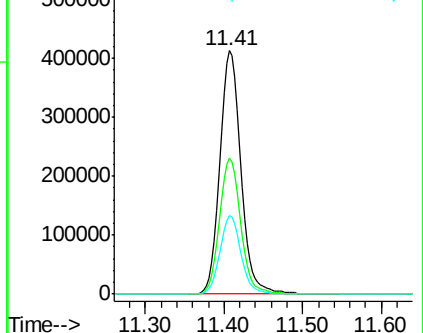
119 32.0 25.8 38.6

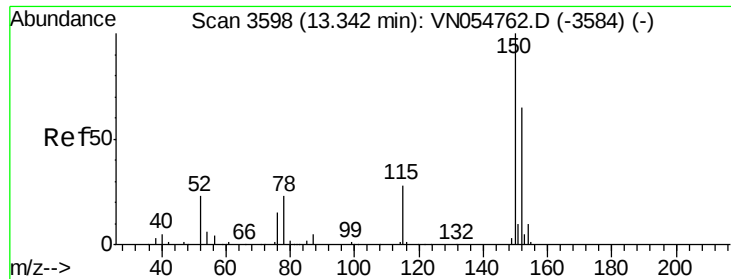


Abundance Ion 116.90 (116.60 to 117.60): VN054896.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054896.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054896.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054896.D

Acq: 2 Apr 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

TP-TRACK-78-79

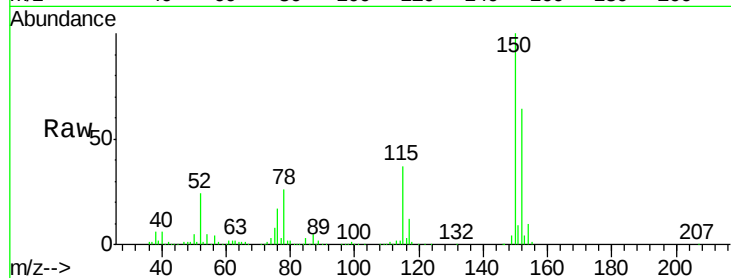
Tot Ion:152 Resp: 260568

Ion Ratio Lower Upper

152 100

115 58.7 27.2 81.6

150 156.9 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

