

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080519\
 Data File : VN057081.D
 Acq On : 5 Aug 2019 14:14
 Operator : JC/SP
 Sample : K4124-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-15

Quant Time: Aug 06 02:15:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

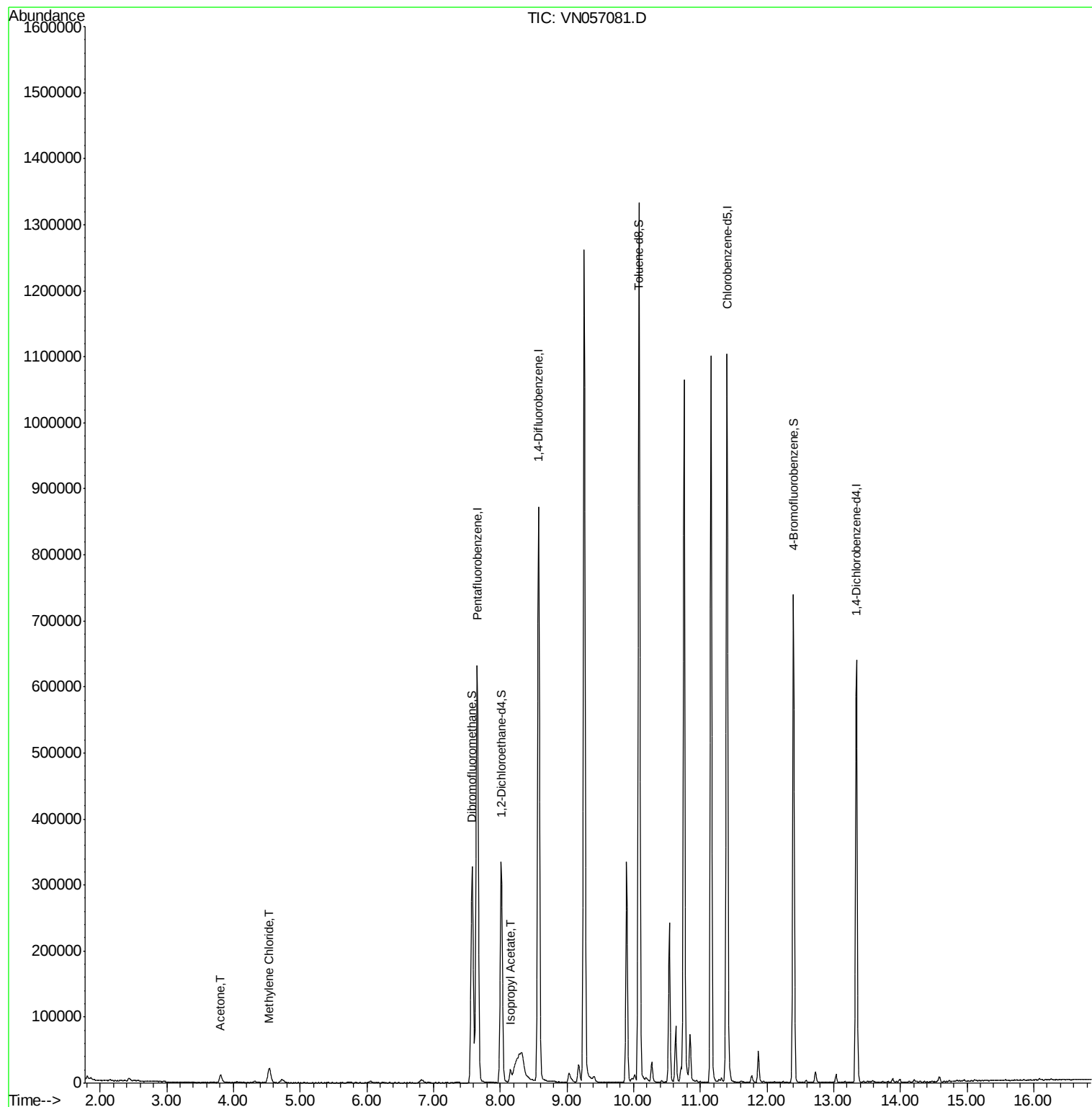
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	571046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	830093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	703854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193092	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	282331	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
35) Dibromofluoromethane	7.58	113	253162	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	10.08	98	978306	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.40	95	261521	39.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.28%	
Target Compounds						
16) Acetone	3.81	43	20763	9.805	ug/l	99
20) Methylene Chloride	4.54	84	18125	2.971	ug/l	98
43) Isopropyl Acetate	8.16	43	20695	2.140	ug/l	94

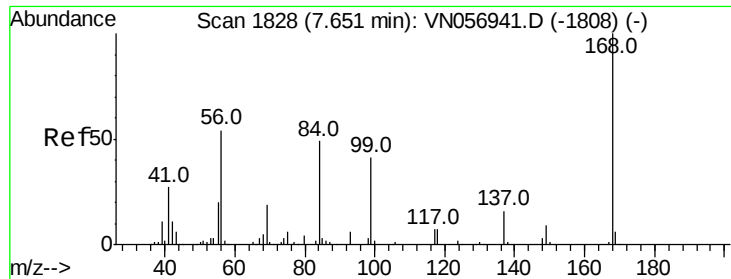
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080519\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057081.D

Acq: 5 Aug 2019 14:14

Instrument :

MSVOA_N

ClientSampled :

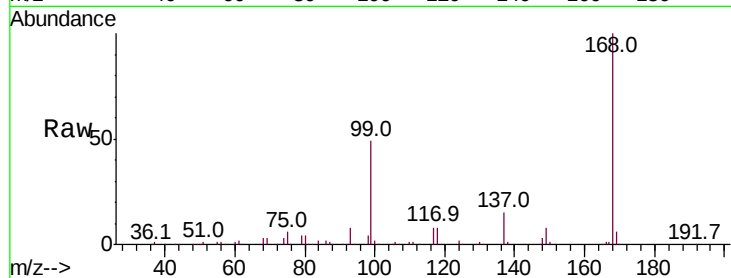
TP-15

Tot Ion:168 Resp: 571046

Ion Ratio Lower Upper

168 100

99 49.1 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VN056941.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN056941.D (-1808) (-)

7.66

250000

200000

150000

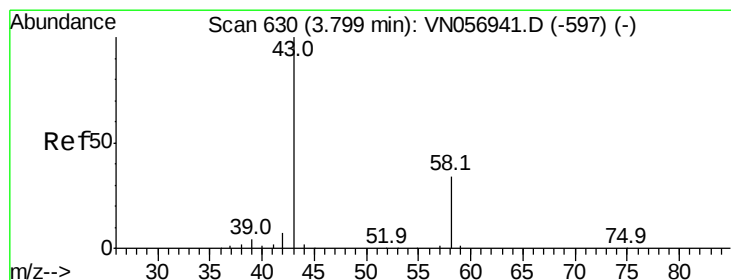
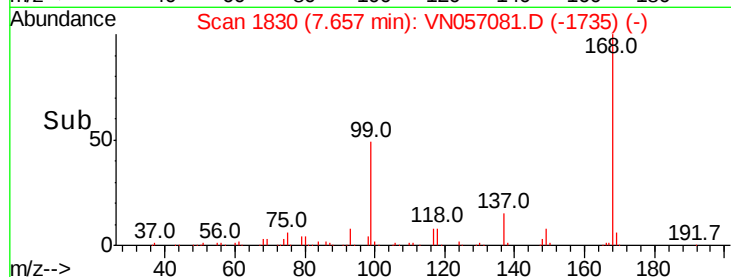
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 9.805 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057081.D

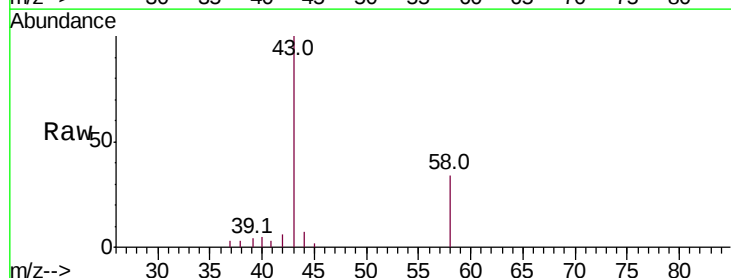
Acq: 5 Aug 2019 14:14

Tgt Ion: 43 Resp: 20763

Ion Ratio Lower Upper

43 100

58 33.6 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN056941.D (-597) (-)

3.81

8000

6000

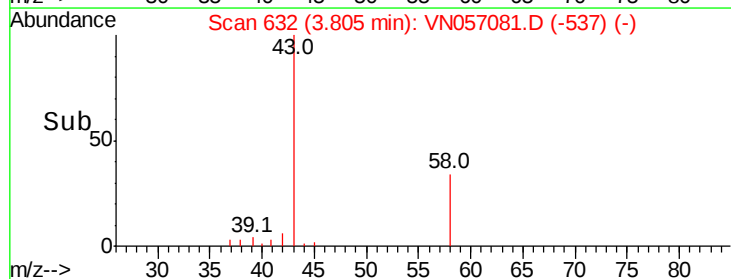
4000

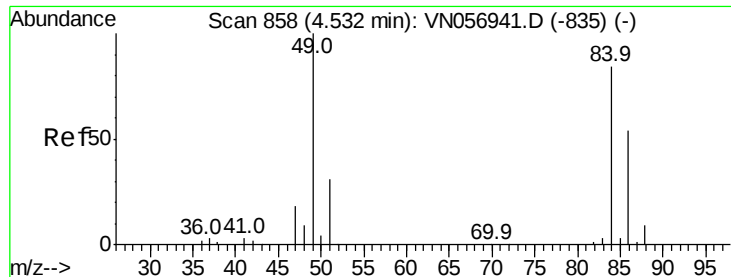
2000

0

3.70 3.75 3.80 3.85 3.90

Time-->

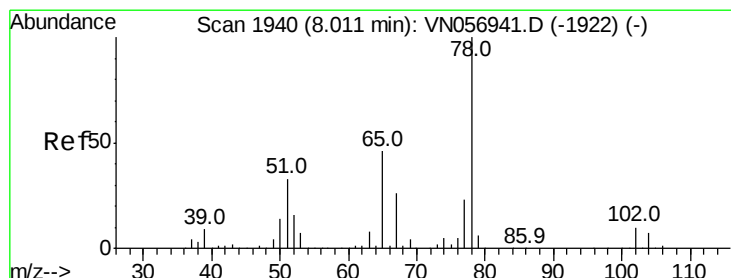
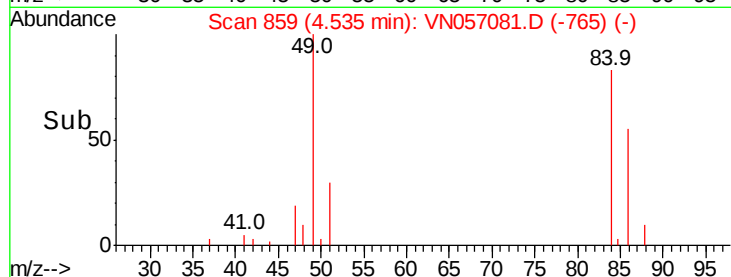
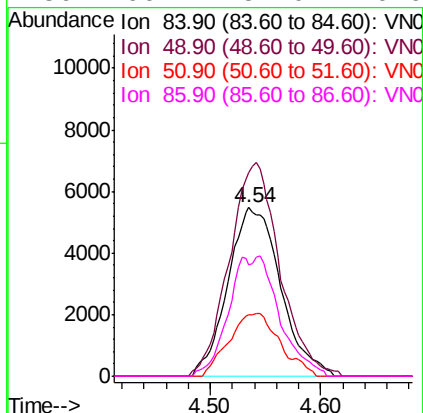
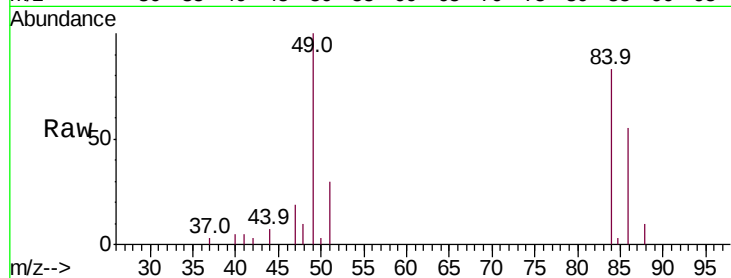




#20
Methvlene Chloride
Concen: 2.971 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN057081.D
Acq: 5 Aug 2019 14:14

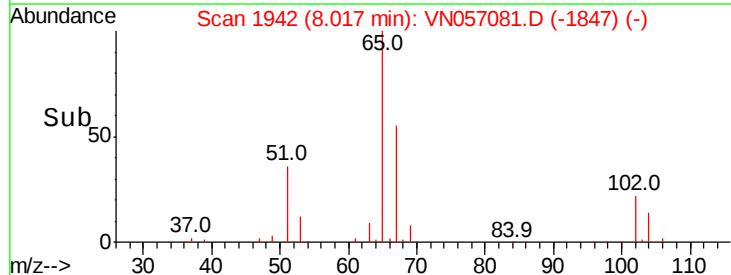
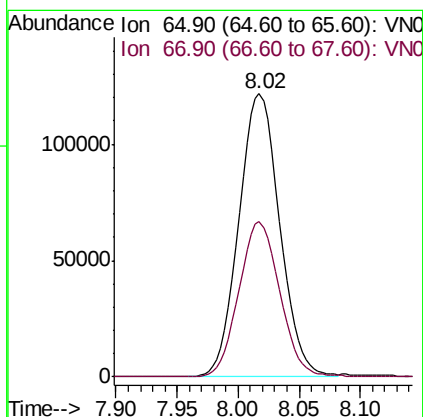
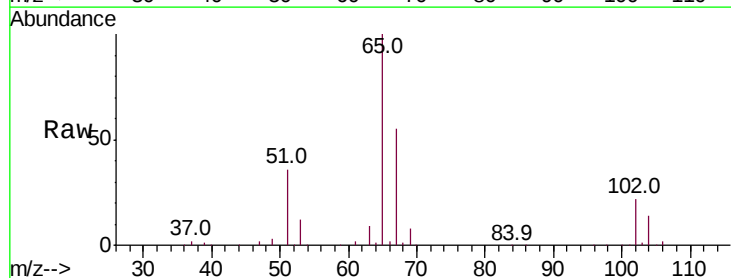
Instrument :
MSVOA_N
ClientSampled :
TP-15

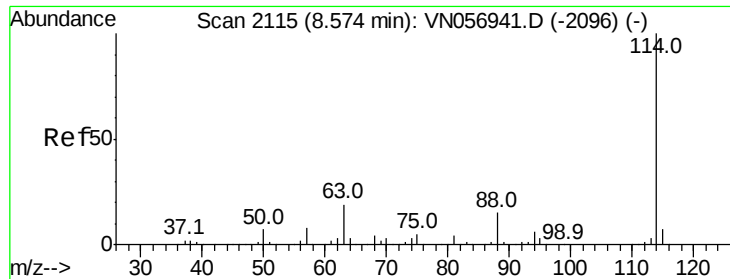
Tot Ion: 84 Resp: 18125
Ion Ratio Lower Upper
84 100
49 120.9 95.2 142.8
51 36.4 29.7 44.5
86 66.4 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 48.299 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.01 min
Lab File: VN057081.D
Acq: 5 Aug 2019 14:14

Tgt Ion: 65 Resp: 282331
Ion Ratio Lower Upper
65 100
67 54.8 0.0 112.0

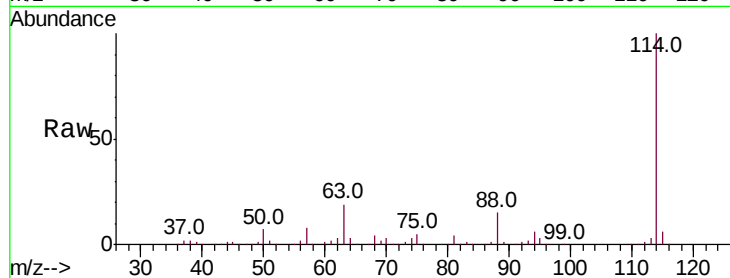




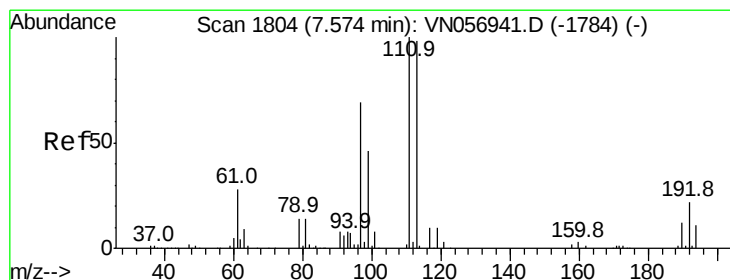
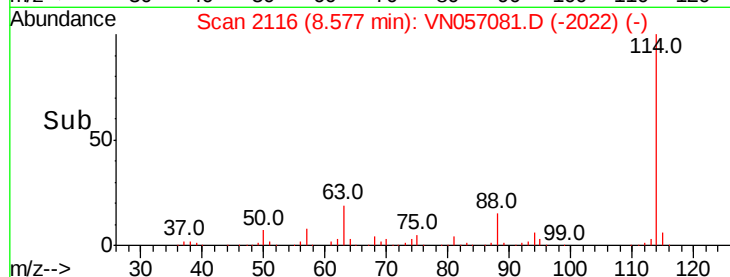
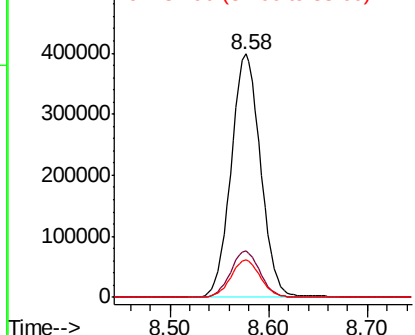
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057081.D
 Acq: 5 Aug 2019 14:14

Instrument :
 MSVOA_N
 ClientSampled :
 TP-15

Tot Ion:114 Resp: 830093
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.0
 88 15.4 0.0 30.0

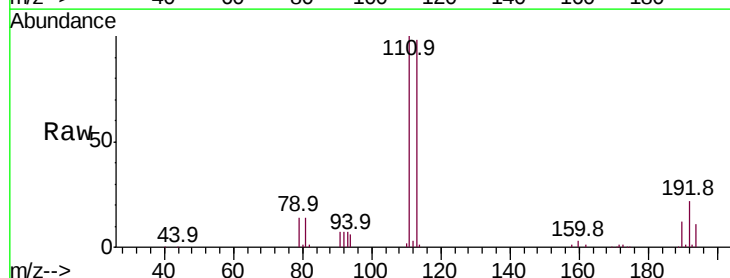


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

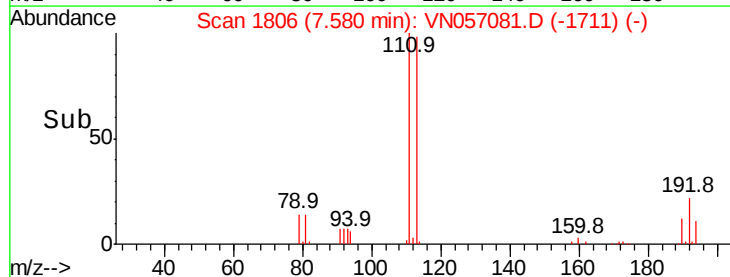
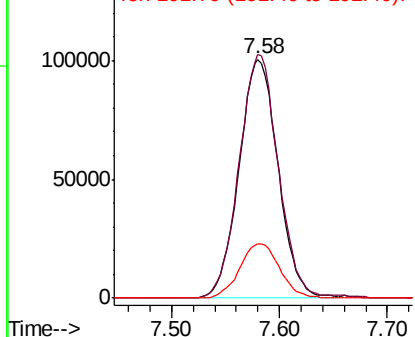


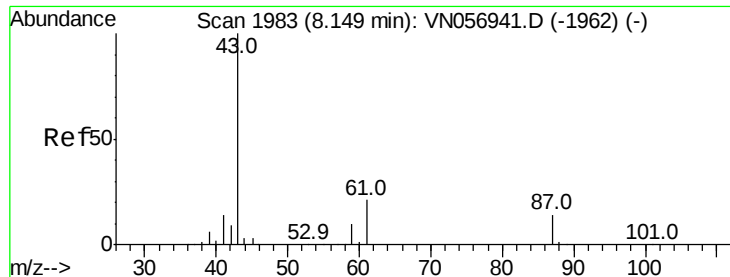
#35
 Dibromofluoromethane
 Concen: 47.641 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057081.D
 Acq: 5 Aug 2019 14:14

Tgt Ion:113 Resp: 253162
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.0 123.0
 192 23.4 18.4 27.6



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: 2.140 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VN057081.D

Acq: 5 Aug 2019 14:14

Instrument :

MSVOA_N

ClientSampled :

TP-15

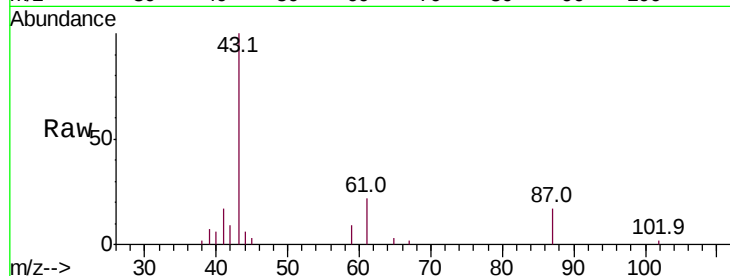
Tot Ion: 43 Resp: 20695

Ion Ratio Lower Upper

43 100

61 24.2 23.0 34.6

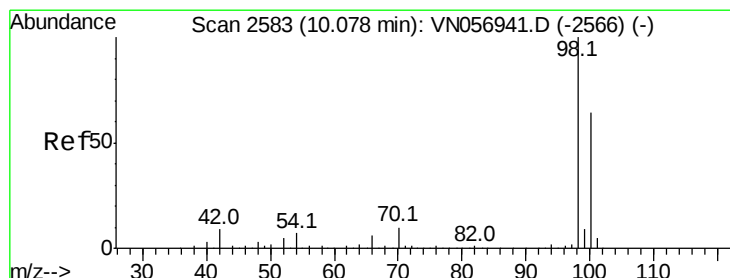
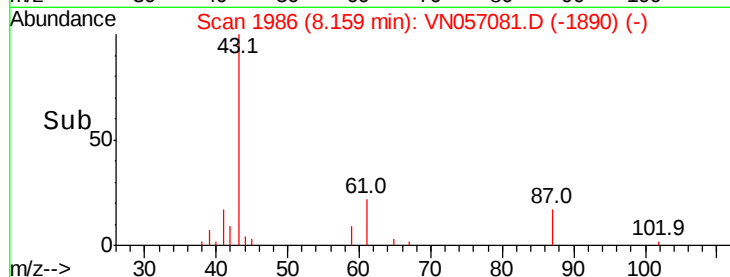
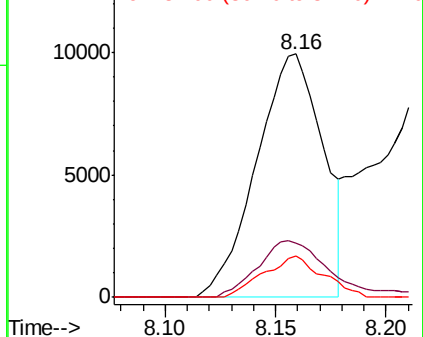
87 15.3 11.7 17.5



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: 48.276 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057081.D

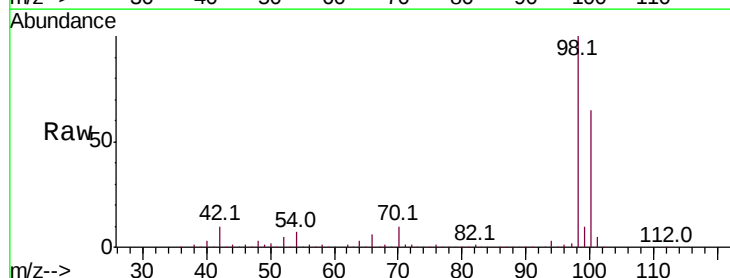
Acq: 5 Aug 2019 14:14

Tgt Ion: 98 Resp: 978306

Ion Ratio Lower Upper

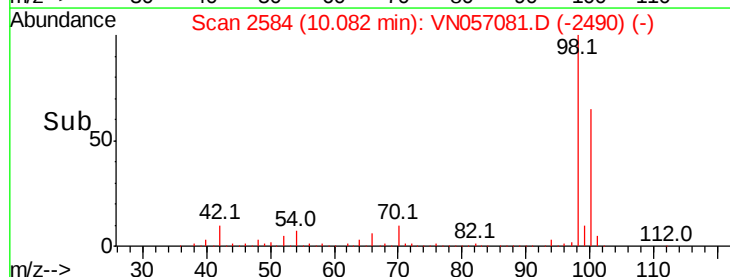
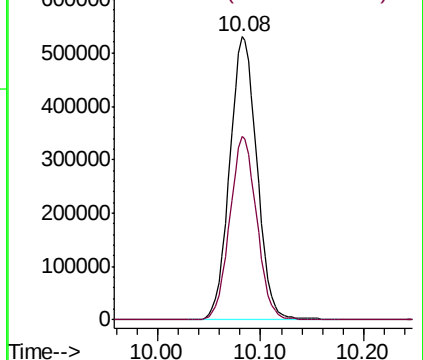
98 100

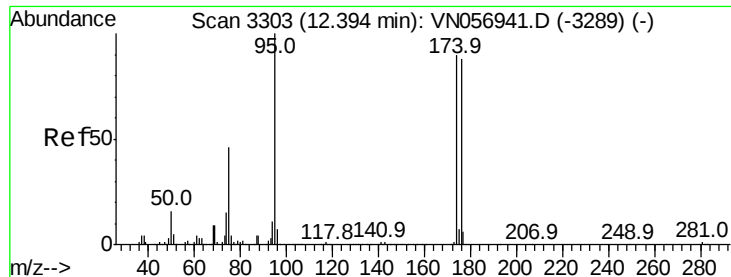
100 64.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 39.642 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057081.D

Acq: 5 Aug 2019 14:14

Instrument :

MSVOA_N

ClientSampleId :

TP-15

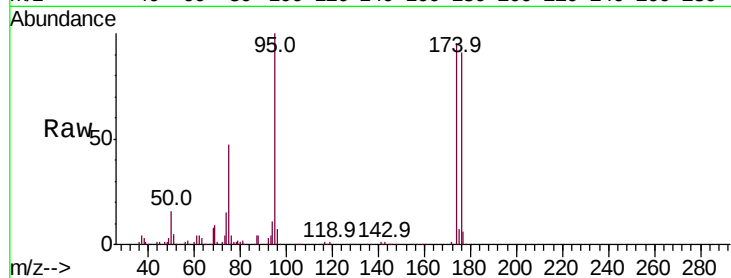
Tot Ion: 95 Resp: 261521

Ion Ratio Lower Upper

95 100

174 94.8 0.0 182.2

176 91.3 0.0 179.4

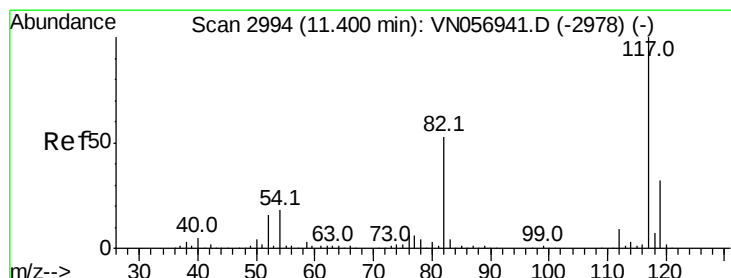
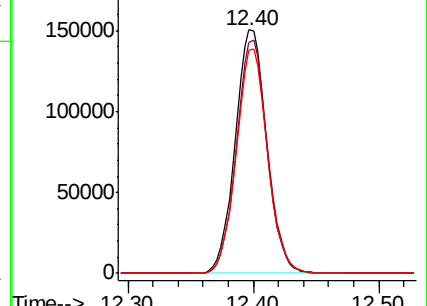
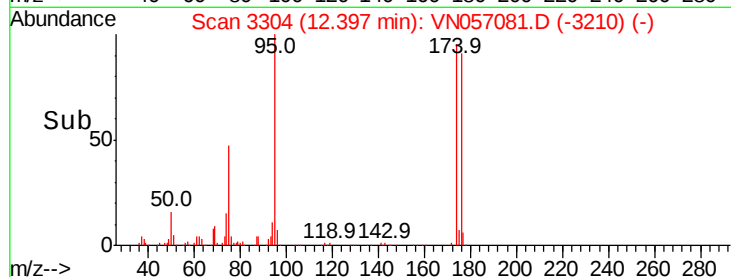


Abundance Ion 94.90 (94.60 to 95.60): VN056941.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN056941.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN056941.D (-3289) (-)

12.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN057081.D

Acq: 5 Aug 2019 14:14

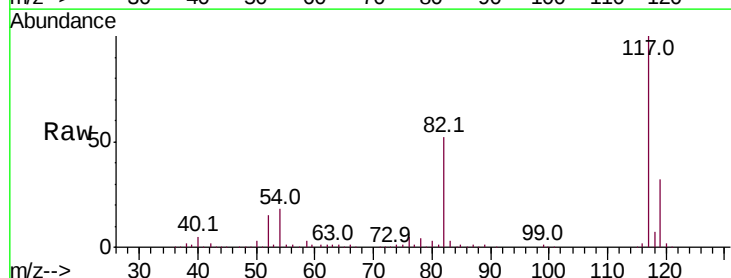
Tgt Ion: 117 Resp: 703854

Ion Ratio Lower Upper

117 100

82 52.1 42.2 63.4

119 32.3 25.8 38.6

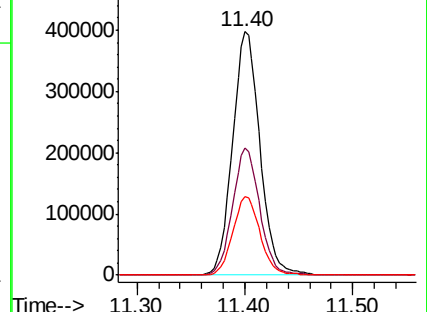
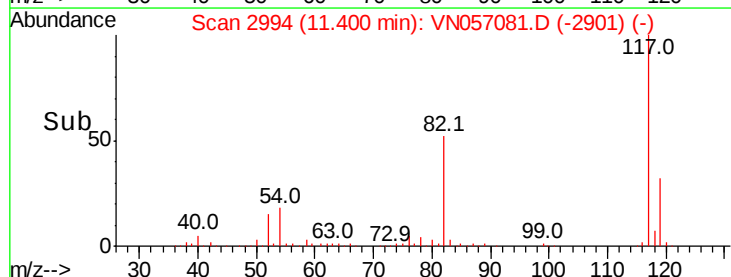


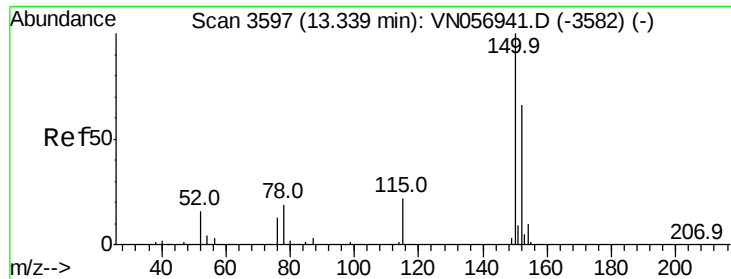
Abundance Ion 116.90 (116.60 to 117.60): VN056941.D (-2978) (-)

Ion 82.00 (81.70 to 82.70): VN056941.D (-2978) (-)

Ion 118.90 (118.60 to 119.60): VN056941.D (-2978) (-)

11.40





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057081.D

Acq: 5 Aug 2019 14:14

Instrument :

MSVOA_N

ClientSampleId :

TP-15

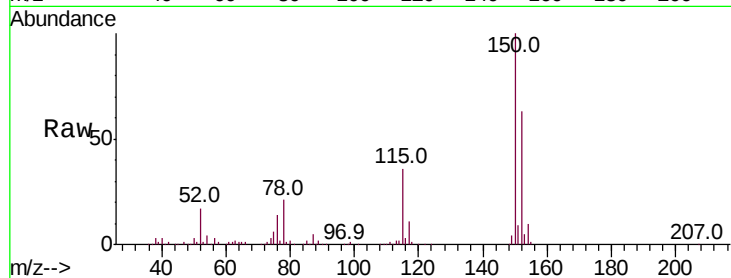
Tot Ion:152 Resp: 193092

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.6

150 155.5 0.0 349.4



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

