

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081519\
 Data File : VN057303.D
 Acq On : 14 Aug 2019 22:19
 Operator : JC/SP
 Sample : K4324-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E1-(0)

Quant Time: Aug 15 08:48:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 08:22:24 2019
 Response via : Initial Calibration

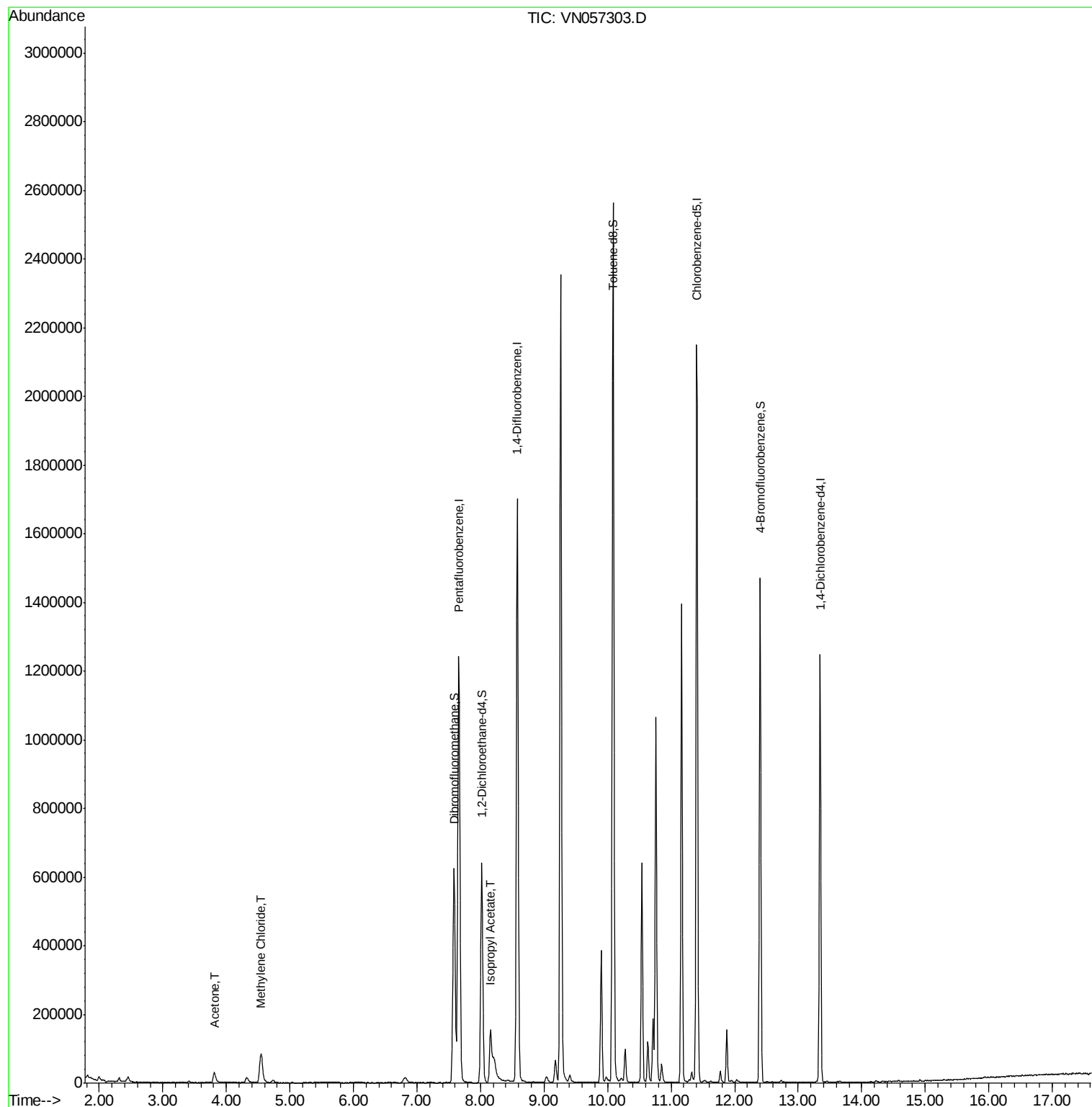
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1143213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1607247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1357442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	367988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	537763	43.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.54%	
35) Dibromofluoromethane	7.58	113	481897	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
50) Toluene-d8	10.09	98	1884470	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.40	95	521970	38.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.66%	
Target Compounds						
16) Acetone	3.81	43	48253	11.192	ug/l	96
20) Methylene Chloride	4.55	84	72644	6.022	ug/l	92
43) Isopropyl Acetate	8.16	43	199450	7.886	ug/l #	85

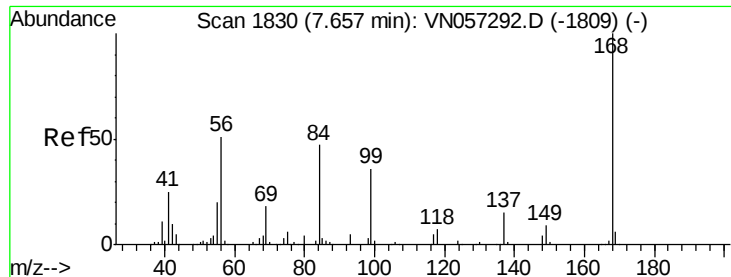
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081519\
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QLast Update : Thu Aug 15 08:22:24 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057303.D

Acq: 14 Aug 2019 22:19

Instrument :

MSVOA_N

ClientSampled :

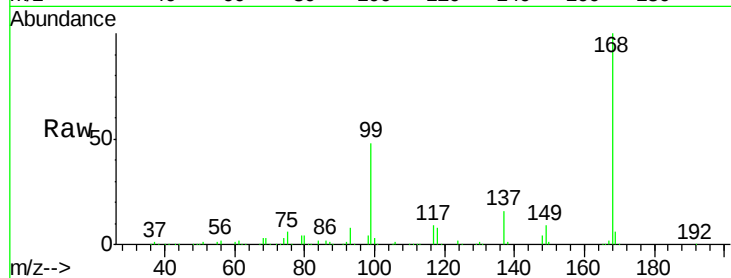
T8-E1-(0)

Tot Ion:168 Resp: 1143213

Ion Ratio Lower Upper

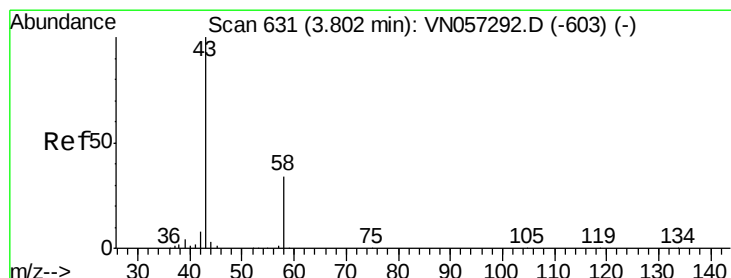
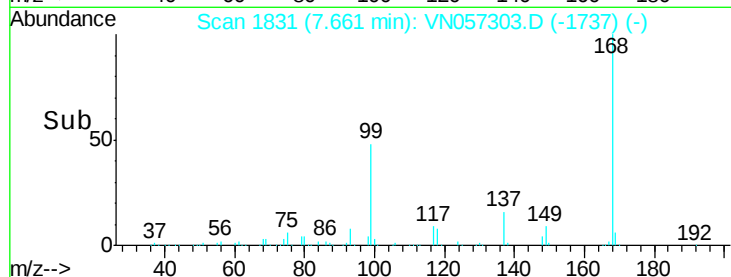
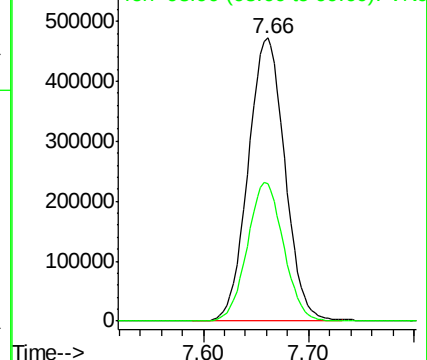
168 100

99 48.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 11.192 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057303.D

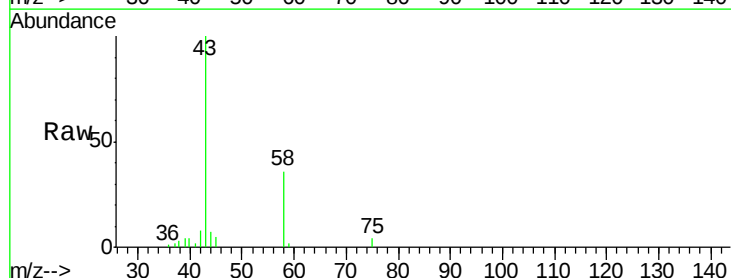
Acq: 14 Aug 2019 22:19

Tgt Ion: 43 Resp: 48253

Ion Ratio Lower Upper

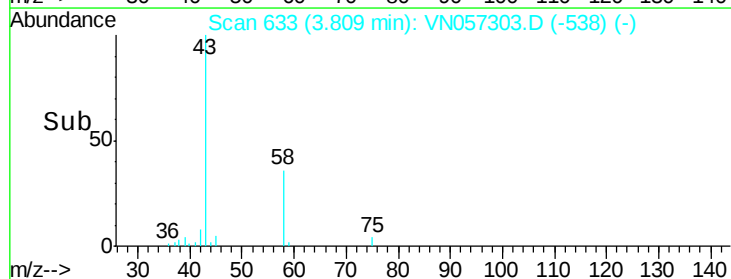
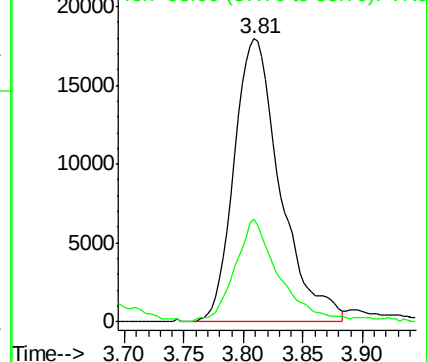
43 100

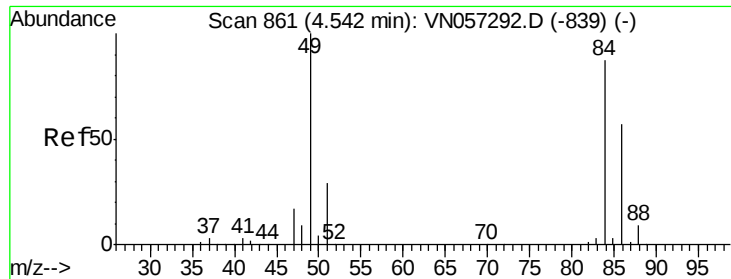
58 36.3 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

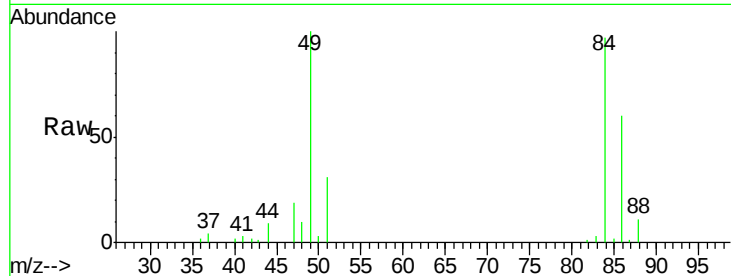




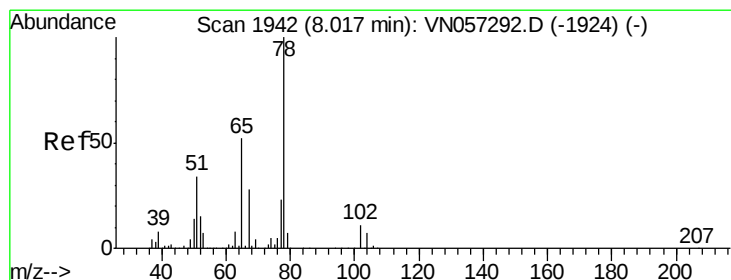
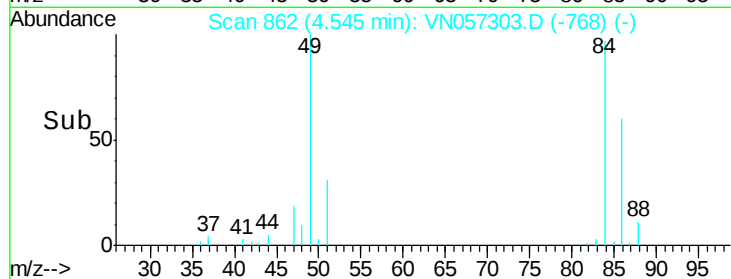
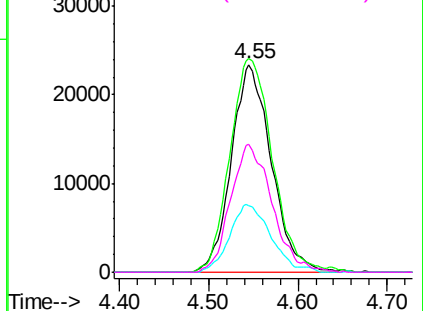
#20
Methylene Chloride
Concen: 6.022 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057303.D
Acq: 14 Aug 2019 22:19

Instrument :
MSVOA_N
ClientSampled :
T8-E1-(0)

Tot Ion: 84 Resp: 72644
Ion Ratio Lower Upper
84 100
49 102.7 92.0 138.0
51 32.0 27.1 40.7
86 61.3 52.2 78.2

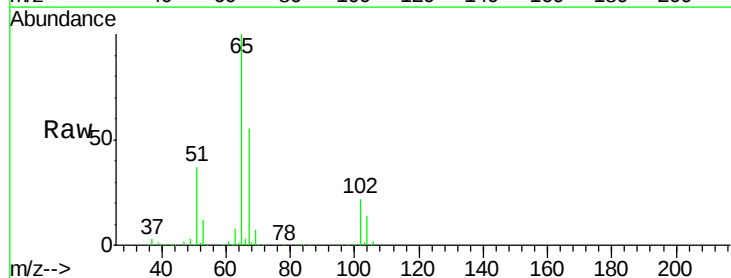


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

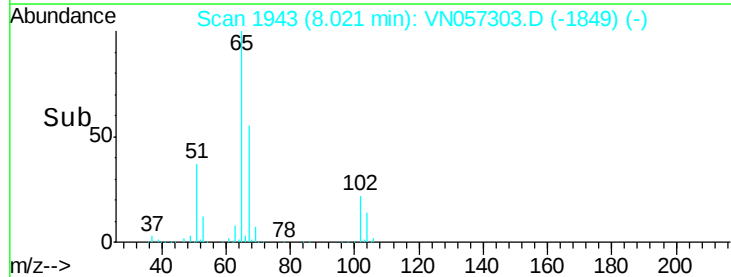
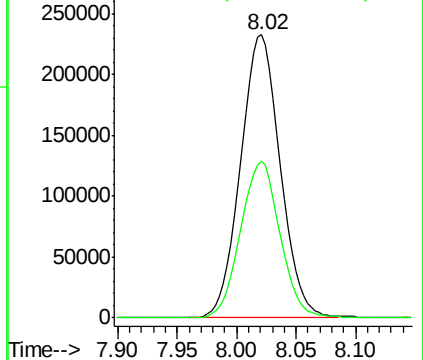


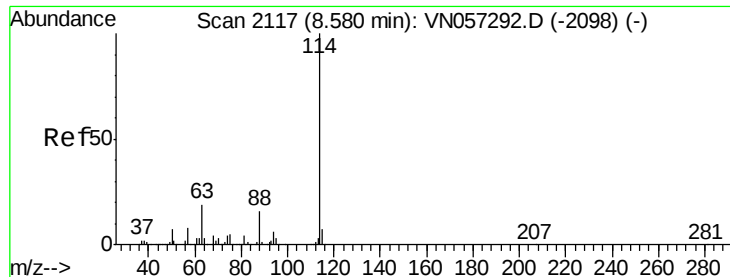
#33
1,2-Dichloroethane-d4
Concen: 43.270 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN057303.D
Acq: 14 Aug 2019 22:19

Tgt Ion: 65 Resp: 537763
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.4



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

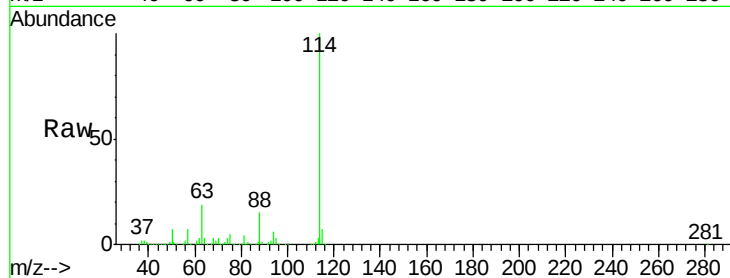




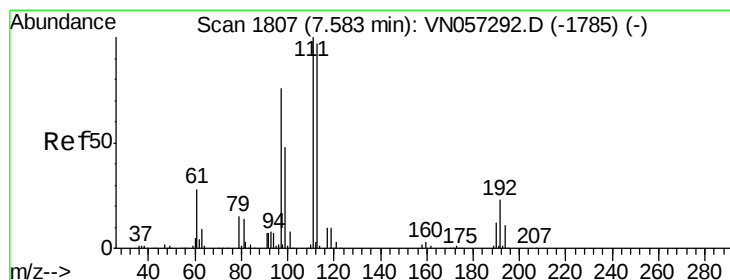
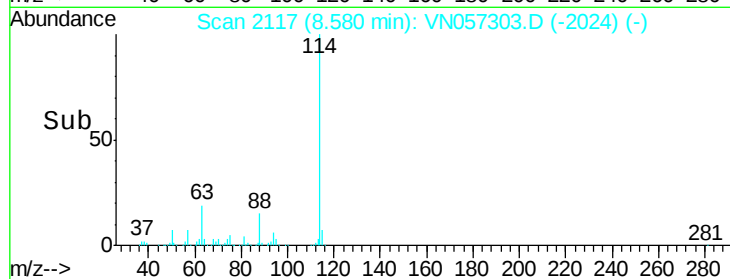
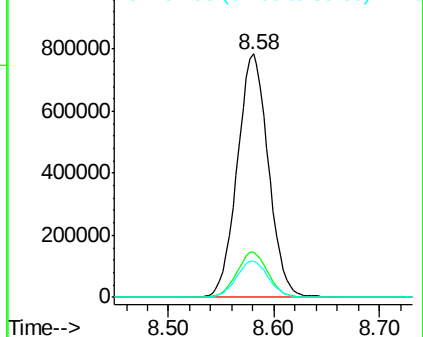
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057303.D
 Acq: 14 Aug 2019 22:19

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E1-(0)

Tot Ion:114 Resp: 1607247
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.8
 88 15.1 0.0 31.4

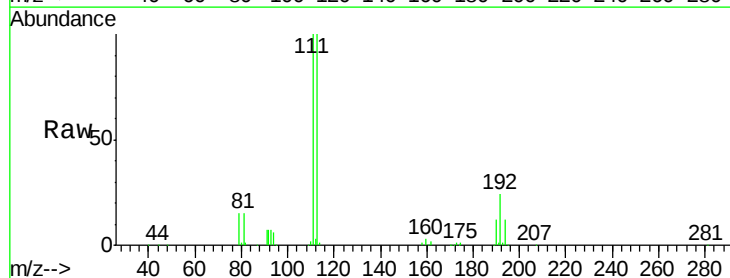


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

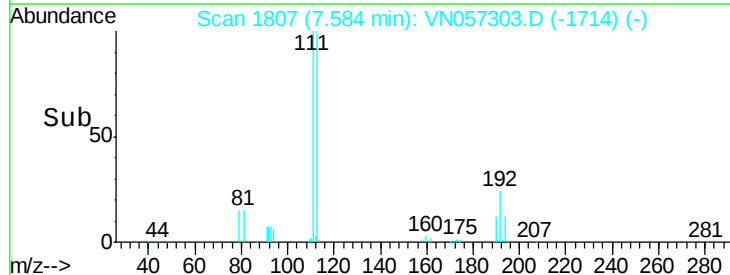
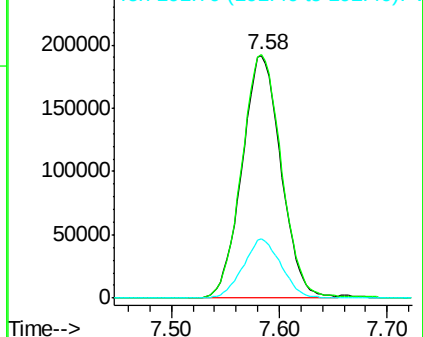


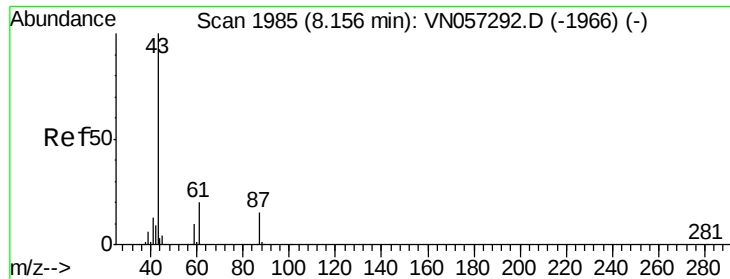
#35
 Dibromofluoromethane
 Concen: 45.739 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057303.D
 Acq: 14 Aug 2019 22:19

Tgt Ion:113 Resp: 481897
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.1 123.1
 192 23.8 19.3 28.9



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: 7.886 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057303.D

Acq: 14 Aug 2019 22:19

Instrument :

MSVOA_N

ClientSampleId :

T8-E1-(0)

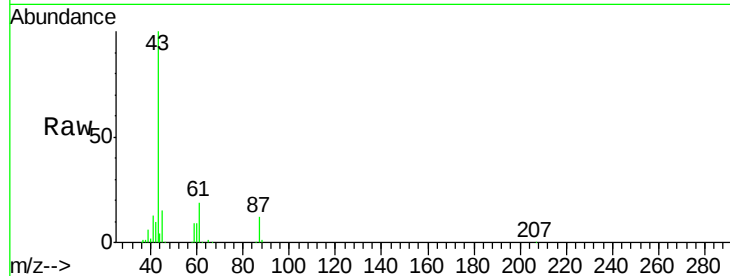
Tot Ion: 43 Resp: 199450

Ion Ratio Lower Upper

43 100

61 17.1 21.6 32.4#

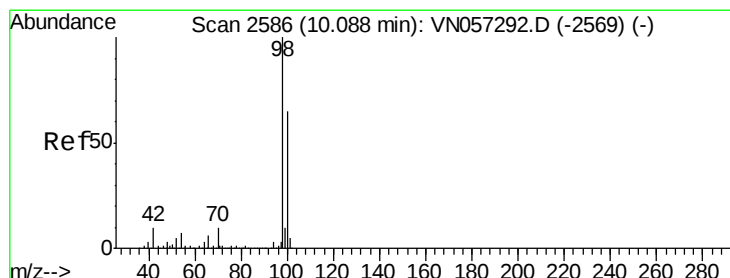
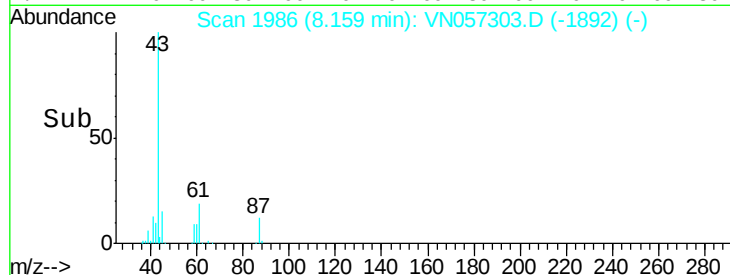
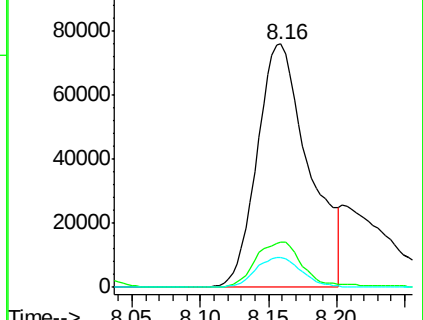
87 10.9 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057292.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057292.D (-1966) (-)



#50

Toluene-d8

Concen: 48.903 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057303.D

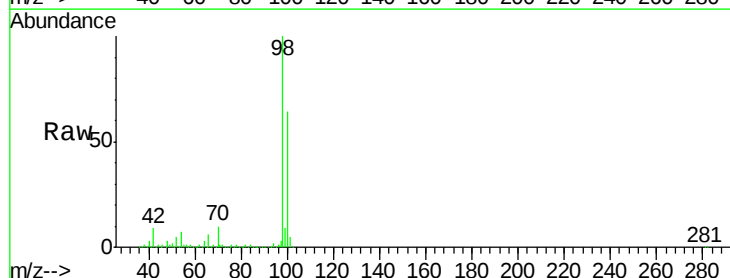
Acq: 14 Aug 2019 22:19

Tgt Ion: 98 Resp: 1884470

Ion Ratio Lower Upper

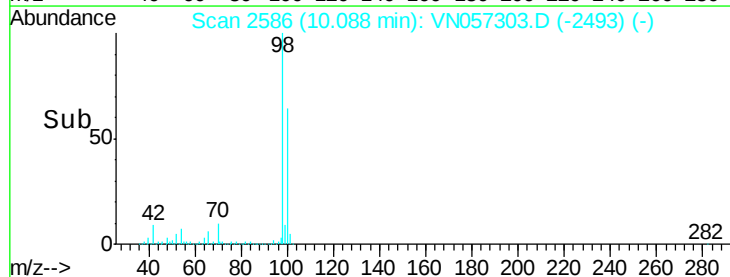
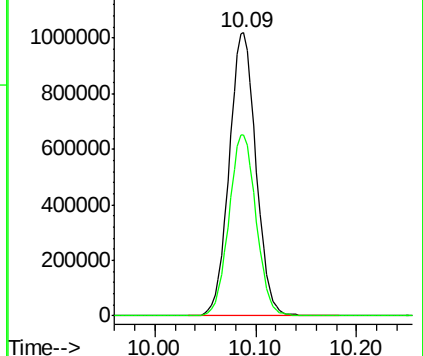
98 100

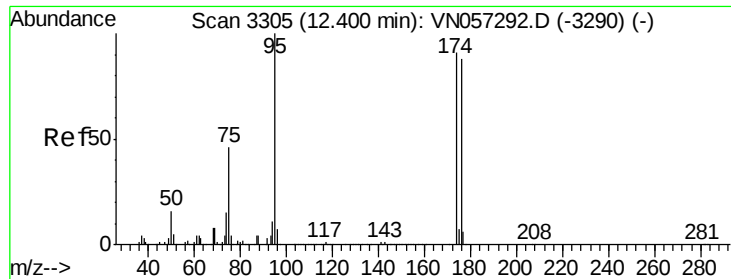
100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN057292.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057292.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: 38.329 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057303.D

Acq: 14 Aug 2019 22:19

Instrument :

MSVOA_N

ClientSampleId :

T8-E1-(0)

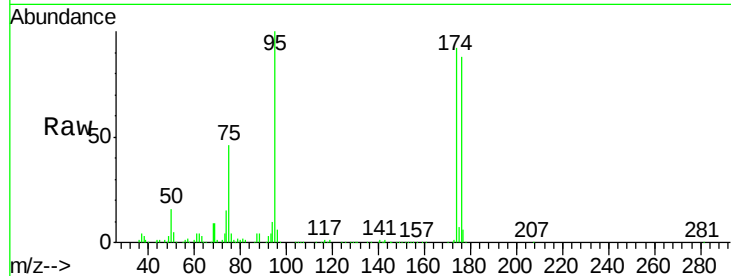
Tot Ion: 95 Resp: 521970

Ion Ratio Lower Upper

95 100

174 92.1 0.0 185.0

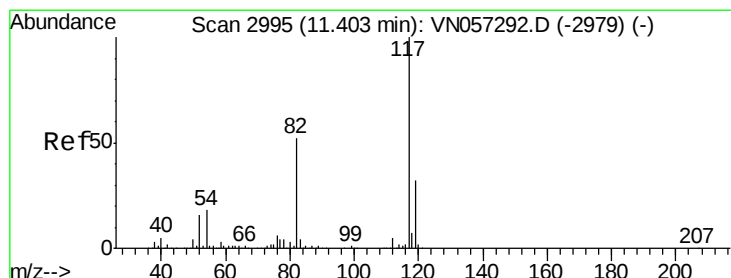
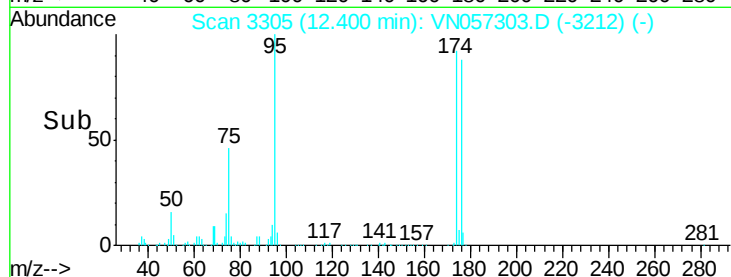
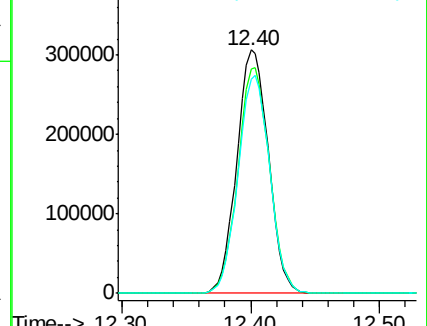
176 89.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VN057292.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057292.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057292.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057303.D

Acq: 14 Aug 2019 22:19

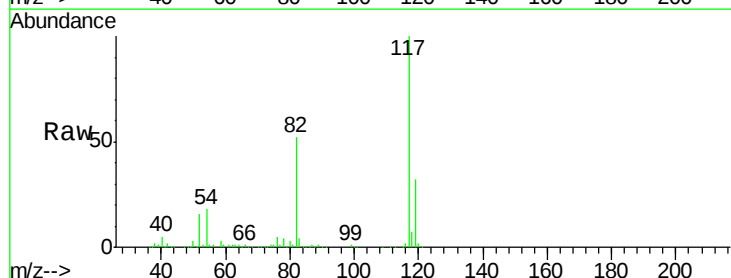
Tgt Ion: 117 Resp: 1357442

Ion Ratio Lower Upper

117 100

82 51.8 41.2 61.8

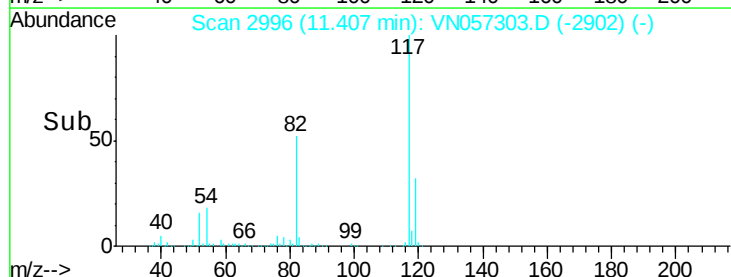
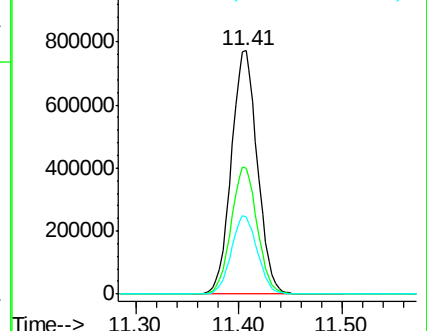
119 31.8 25.8 38.8

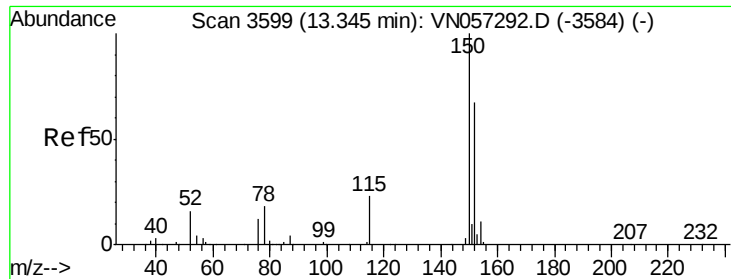


Abundance Ion 116.90 (116.60 to 117.60): VN057292.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN057292.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN057292.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057303.D

Acq: 14 Aug 2019 22:19

Instrument :

MSVOA_N

ClientSampleId :

T8-E1-(0)

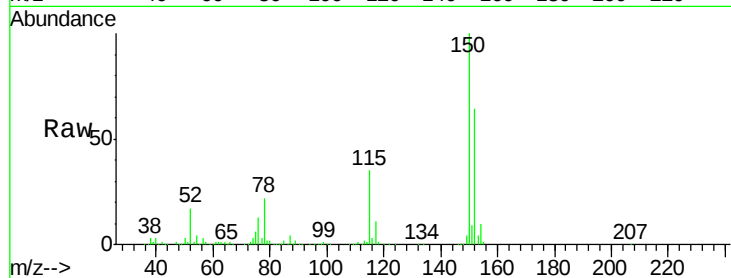
Tot Ion:152 Resp: 367988

Ion Ratio Lower Upper

152 100

115 54.4 27.3 81.9

150 155.1 0.0 344.4



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

