

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057722.D
 Acq On : 6 Sep 2019 18:59
 Operator : JC/SP
 Sample : K4579-34
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-12-C1-(0)

Quant Time: Sep 06 23:51:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

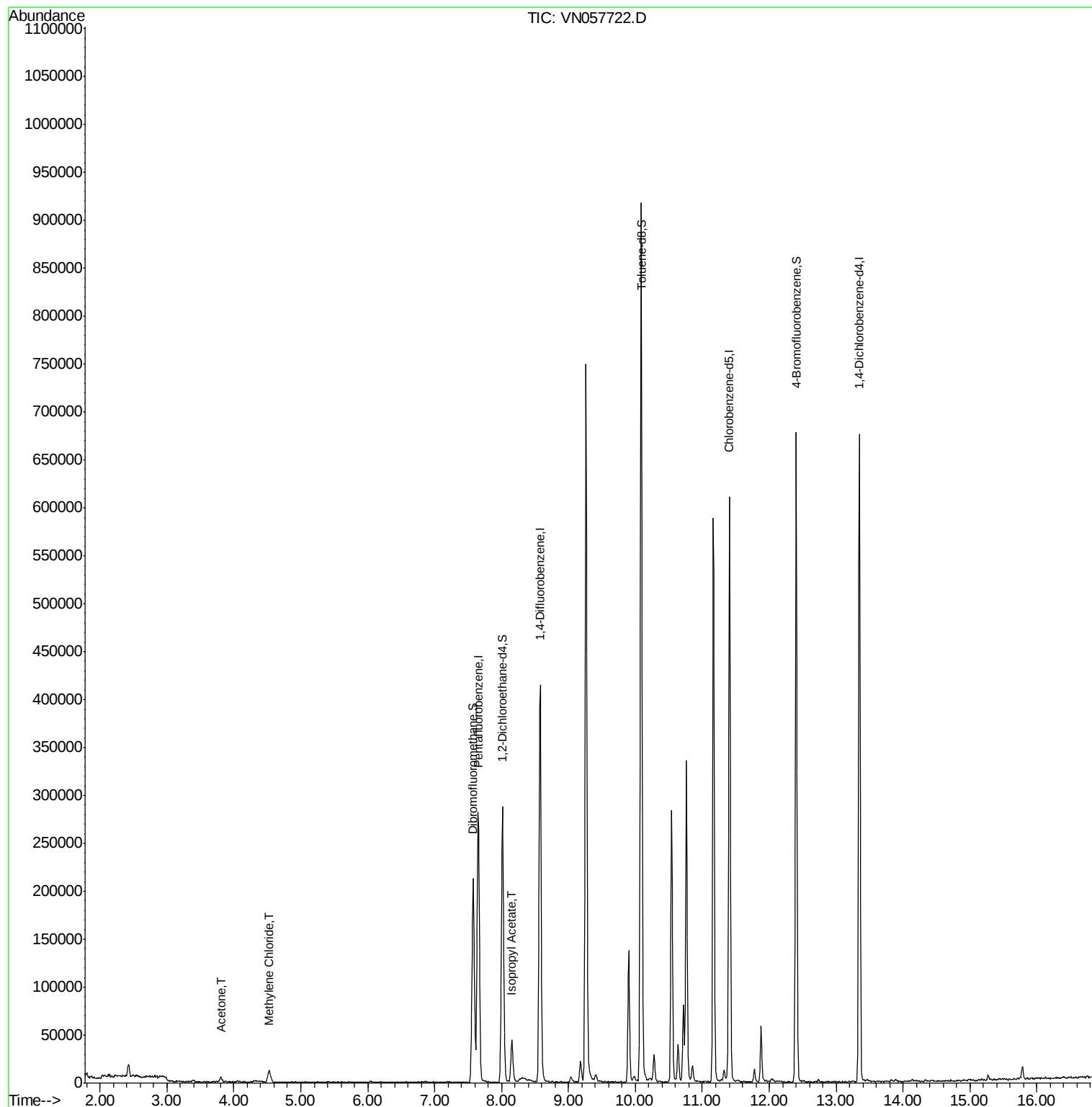
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	197371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	330103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	301178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	153939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	253244	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
35) Dibromofluoromethane	7.57	113	149277	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
50) Toluene-d8	10.08	98	584199	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.40	95	213578	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
Target Compounds						
16) Acetone	3.81	43	8372	5.666	ug/l	97
20) Methylene Chloride	4.52	84	7468	2.338	ug/l	91
43) Isopropyl Acetate	8.15	43	52777	6.307	ug/l	98

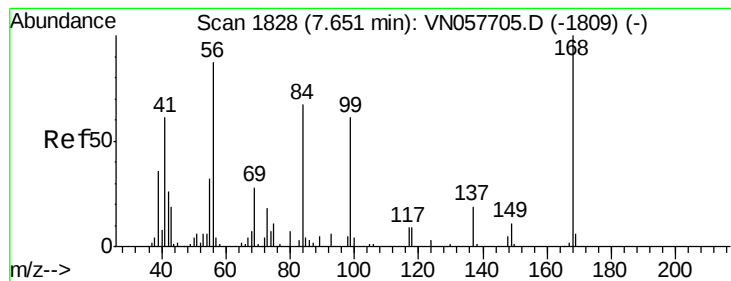
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057722.D

Acq: 6 Sep 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

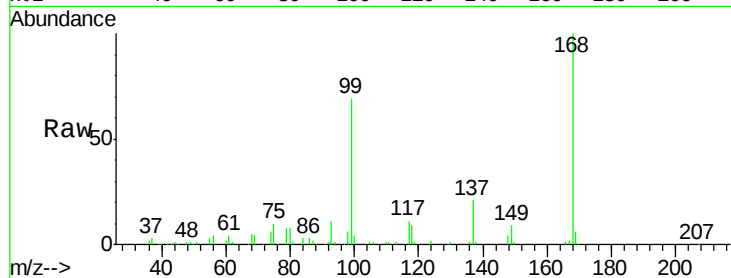
PAR-12-C1-(0)

Tot Ion:168 Resp: 197371

Ion Ratio Lower Upper

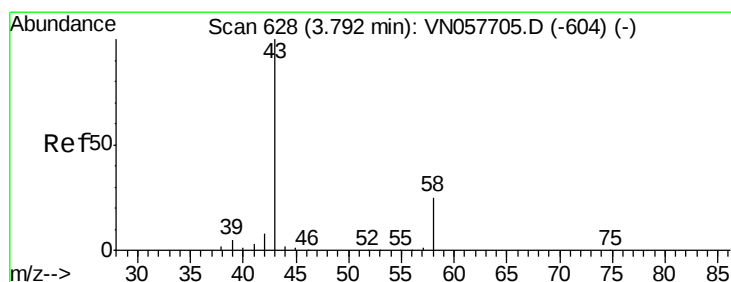
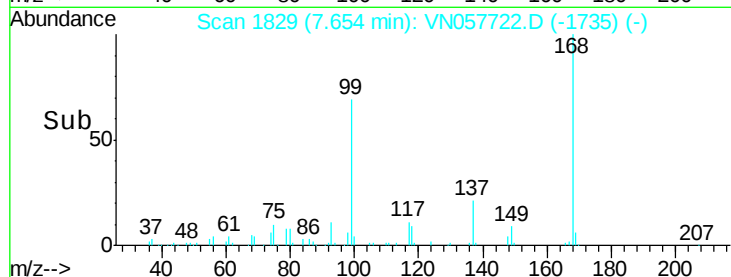
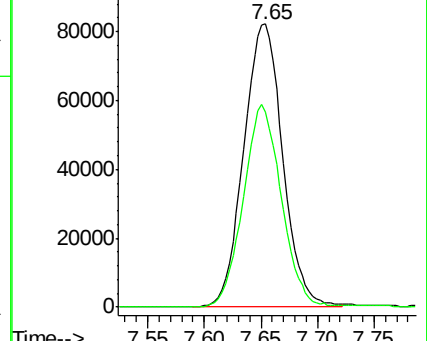
168 100

99 69.1 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.666 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057722.D

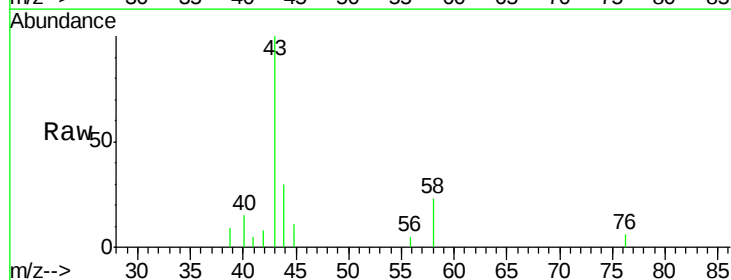
Acq: 6 Sep 2019 18:59

Tgt Ion: 43 Resp: 8372

Ion Ratio Lower Upper

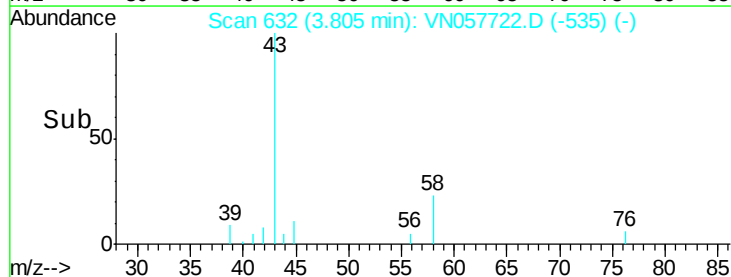
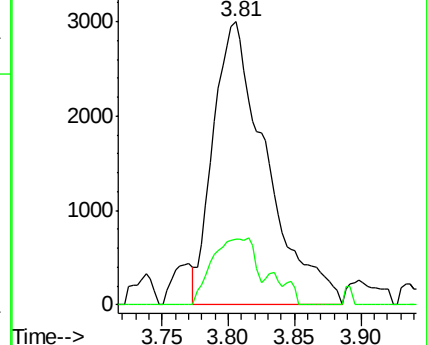
43 100

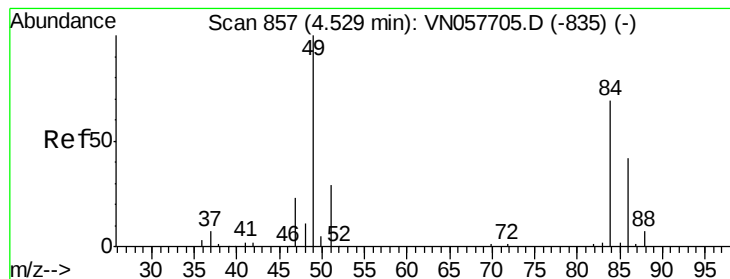
58 23.4 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methvlene Chloride

Concen: 2.338 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.01 min

Lab File: VN057722.D

Acq: 6 Sep 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-C1-(0)

Tot Ion: 84 Resp: 7468

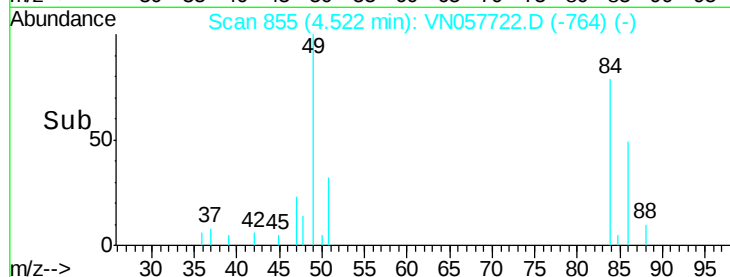
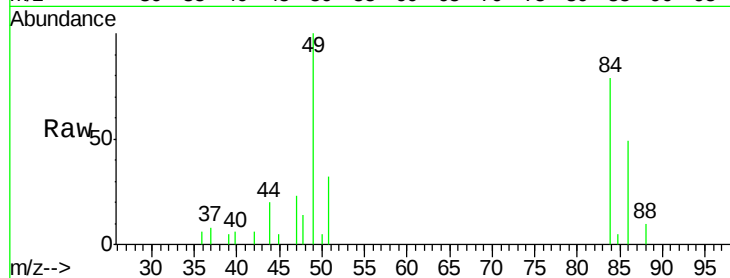
Ion Ratio Lower Upper

84 100

49 127.1 115.0 172.6

51 40.2 33.8 50.8

86 62.6 48.2 72.2

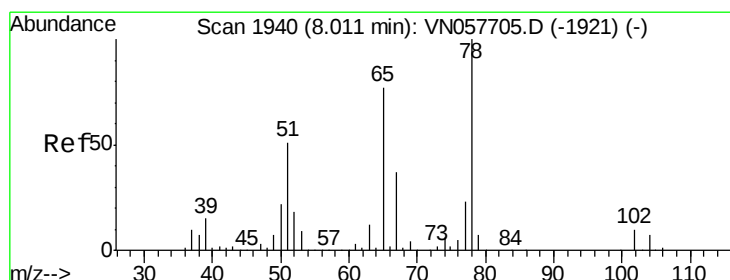
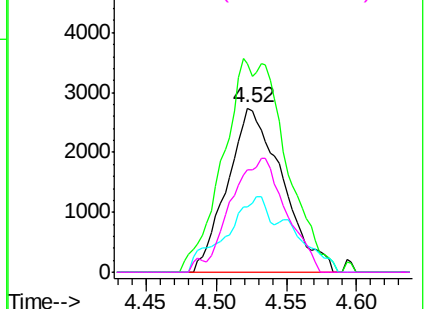


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 52.743 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057722.D

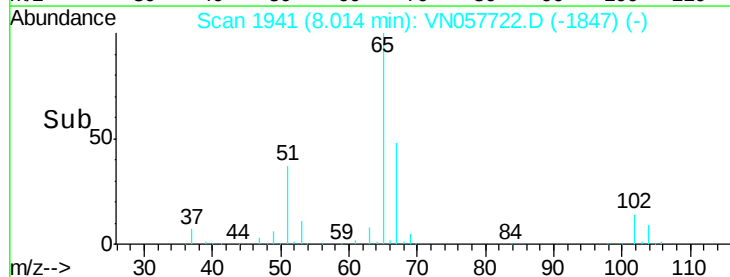
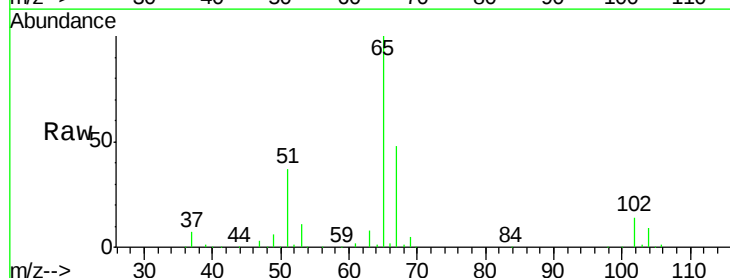
Acq: 6 Sep 2019 18:59

Tgt Ion: 65 Resp: 253244

Ion Ratio Lower Upper

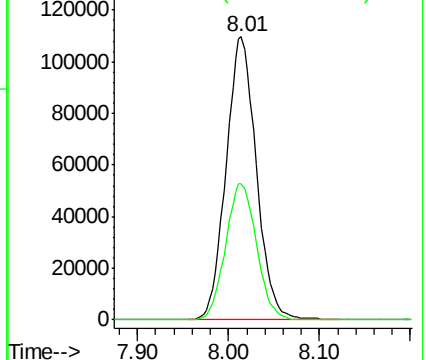
65 100

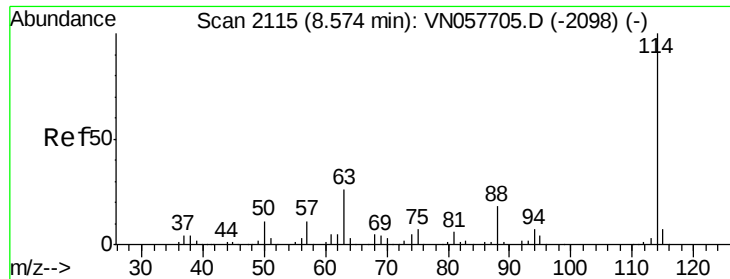
67 49.2 0.0 98.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

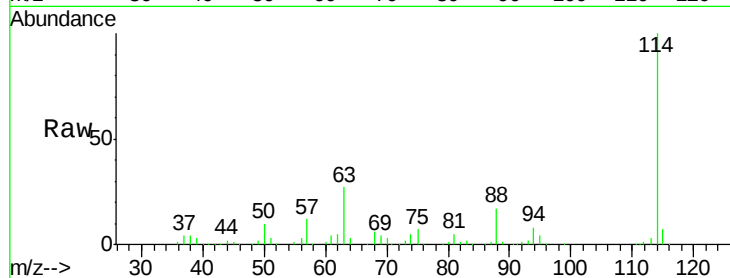




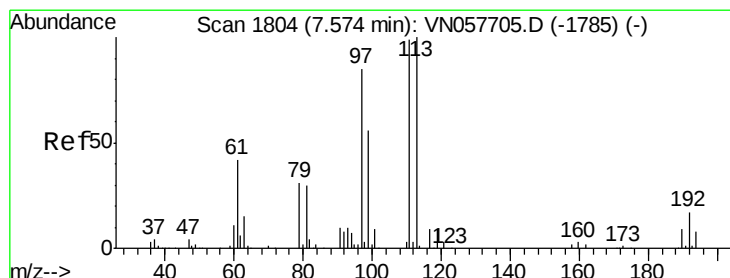
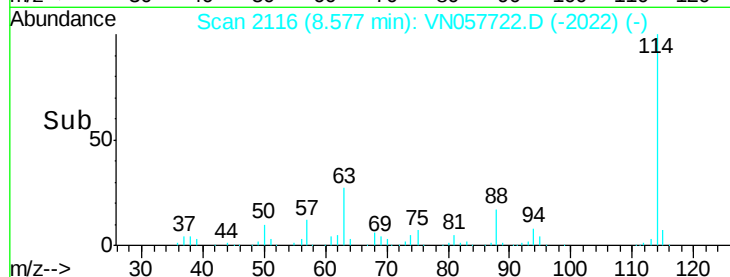
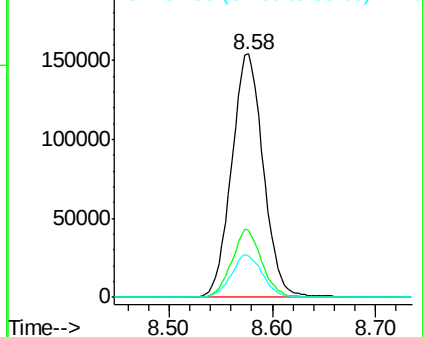
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057722.D
Acq: 6 Sep 2019 18:59

Instrument :
MSVOA_N
ClientSampleId :
PAR-12-C1-(0)

Tot Ion:114 Resp: 330103
Ion Ratio Lower Upper
114 100
63 27.3 0.0 52.4
88 16.8 0.0 35.4

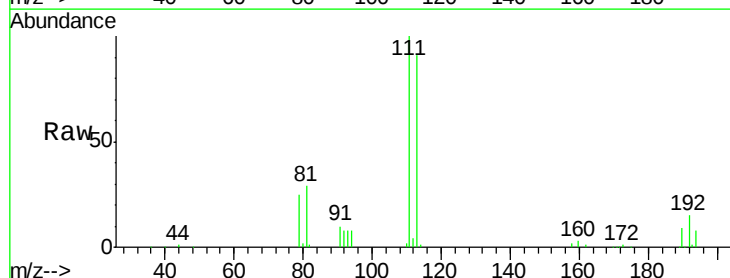


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

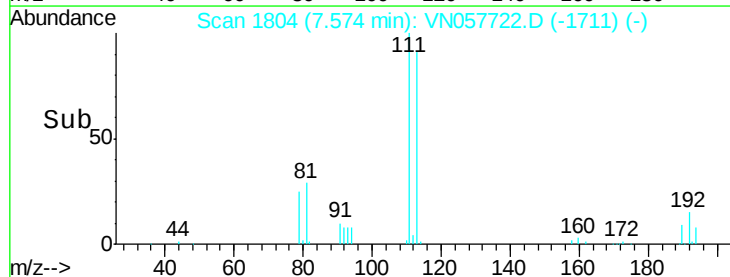
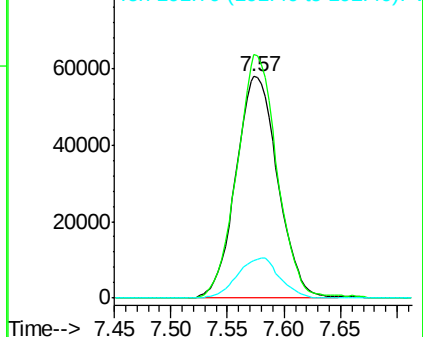


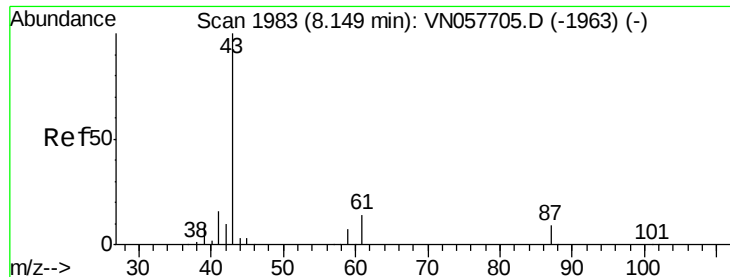
#35
Dibromofluoromethane
Concen: 49.647 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN057722.D
Acq: 6 Sep 2019 18:59

Tgt Ion:113 Resp: 149277
Ion Ratio Lower Upper
113 100
111 105.5 82.7 124.1
192 18.2 13.8 20.6



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

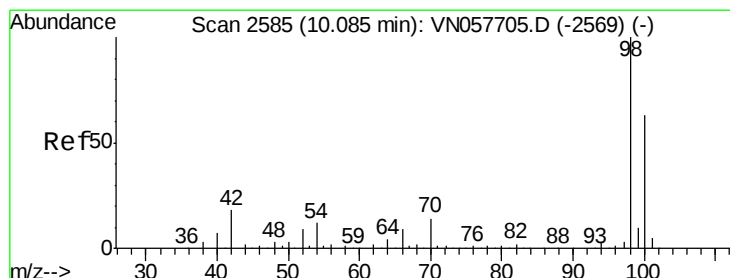
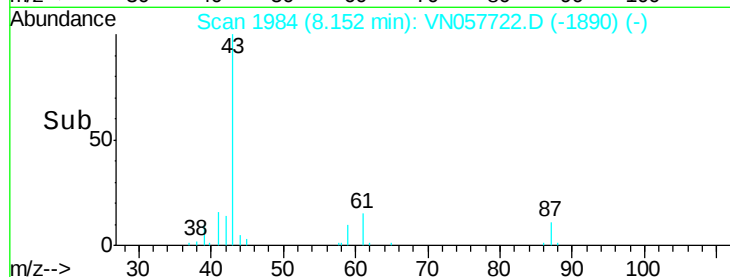
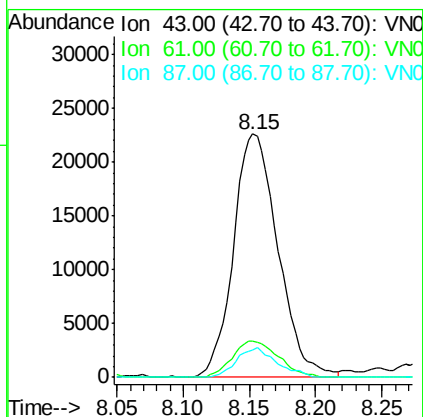
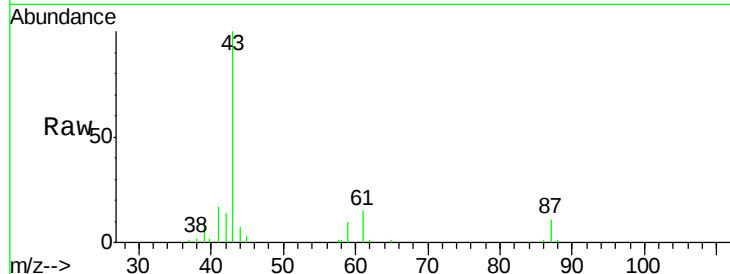




#43
Isopropyl Acetate
Concen: 6.307 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN057722.D
Acq: 6 Sep 2019 18:59

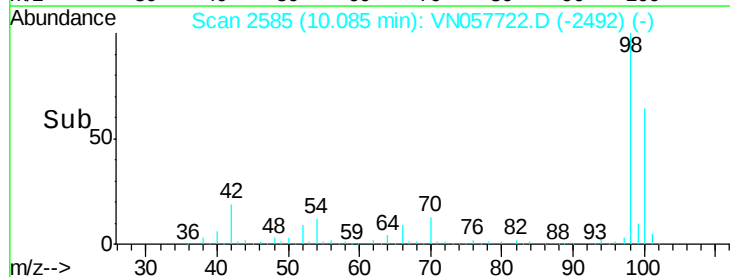
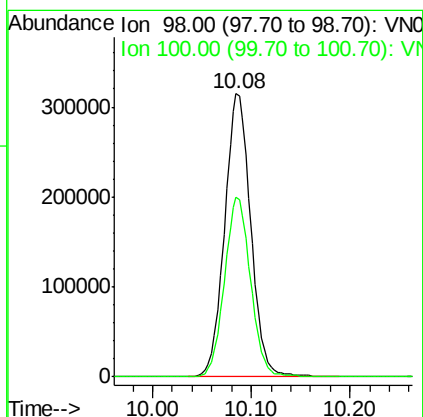
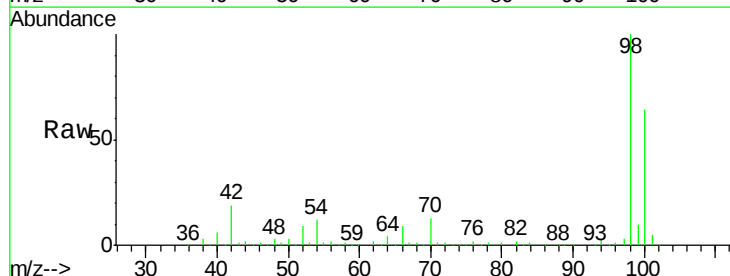
Instrument :
MSVOA_N
ClientSampleId :
PAR-12-C1-(0)

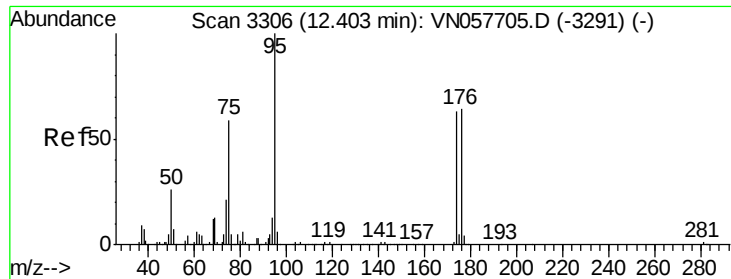
Tot Ion: 43 Resp: 52777
Ion Ratio Lower Upper
43 100
61 15.4 12.8 19.2
87 11.0 7.8 11.8



#50
Toluene-d8
Concen: 52.523 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057722.D
Acq: 6 Sep 2019 18:59

Tgt Ion: 98 Resp: 584199
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 46.231 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN057722.D

Acq: 6 Sep 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-C1-(0)

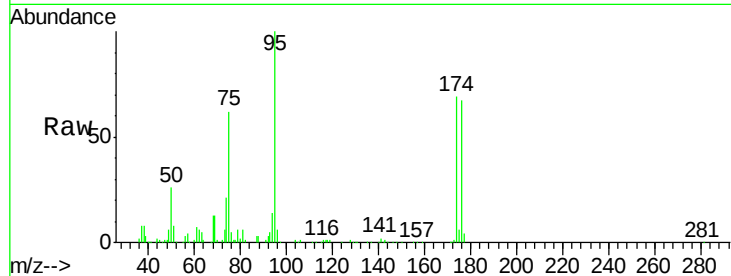
Tot Ion: 95 Resp: 213578

Ion Ratio Lower Upper

95 100

174 69.0 0.0 128.0

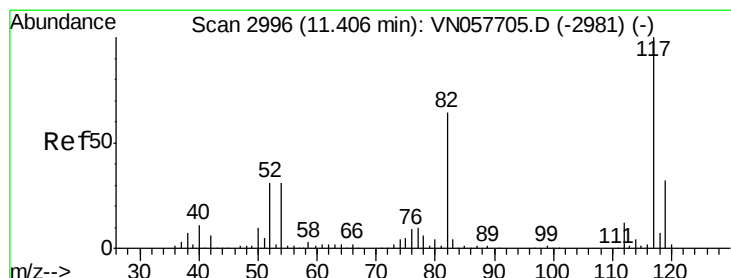
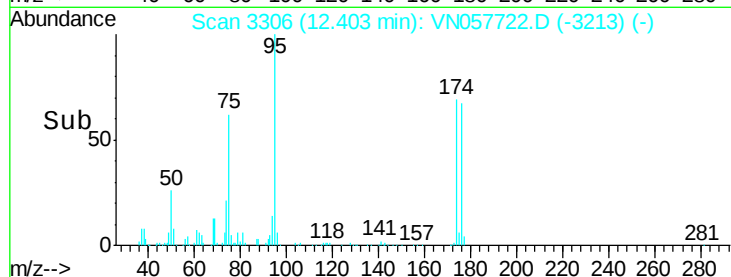
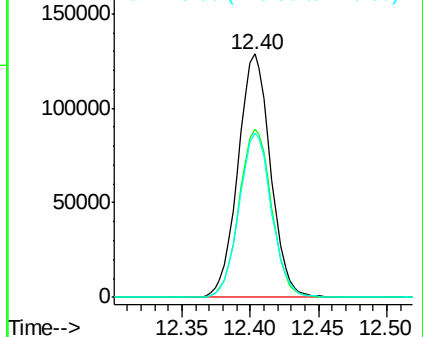
176 67.3 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN057705.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057705.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057705.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057722.D

Acq: 6 Sep 2019 18:59

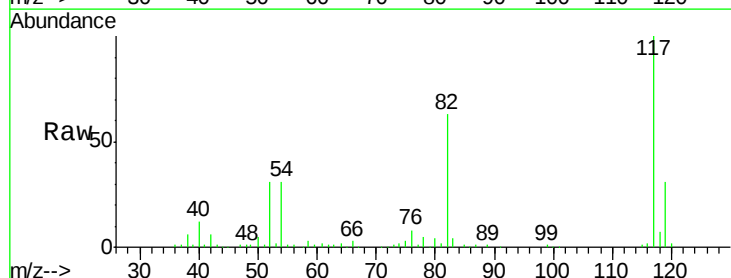
Tgt Ion: 117 Resp: 301178

Ion Ratio Lower Upper

117 100

82 62.5 51.4 77.0

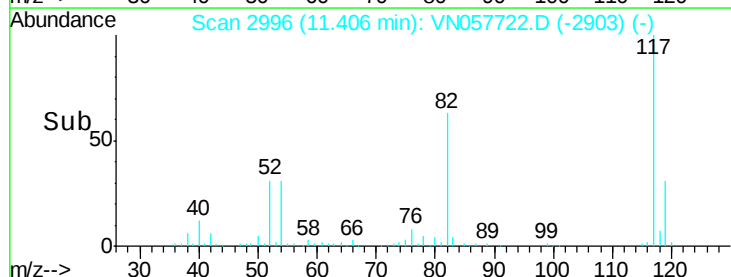
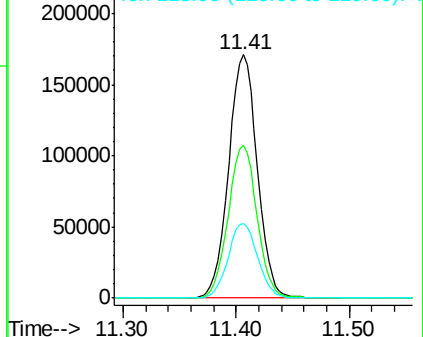
119 30.5 25.4 38.2

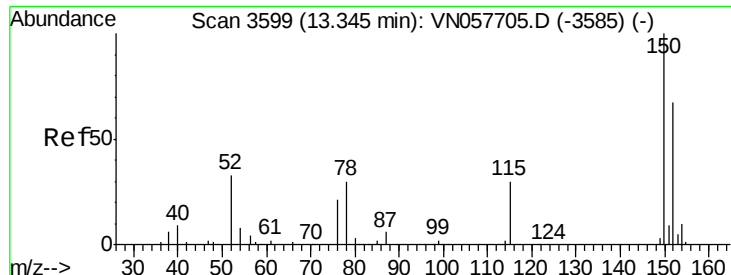


Abundance Ion 116.90 (116.60 to 117.60): VN057705.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057705.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057705.D (-2981) (-)

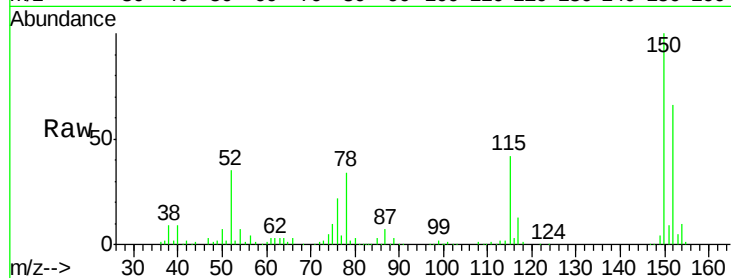




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. -0.00 min
 Lab File: VN057722.D
 Acq: 6 Sep 2019 18:59

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-12-C1-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.3	33.8	101.3
150	154.9	0.0	345.4



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

