

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057720.D
 Acq On : 6 Sep 2019 18:15
 Operator : JC/SP
 Sample : K4579-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-12-B3-(3.5)

Quant Time: Sep 06 23:48:08 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

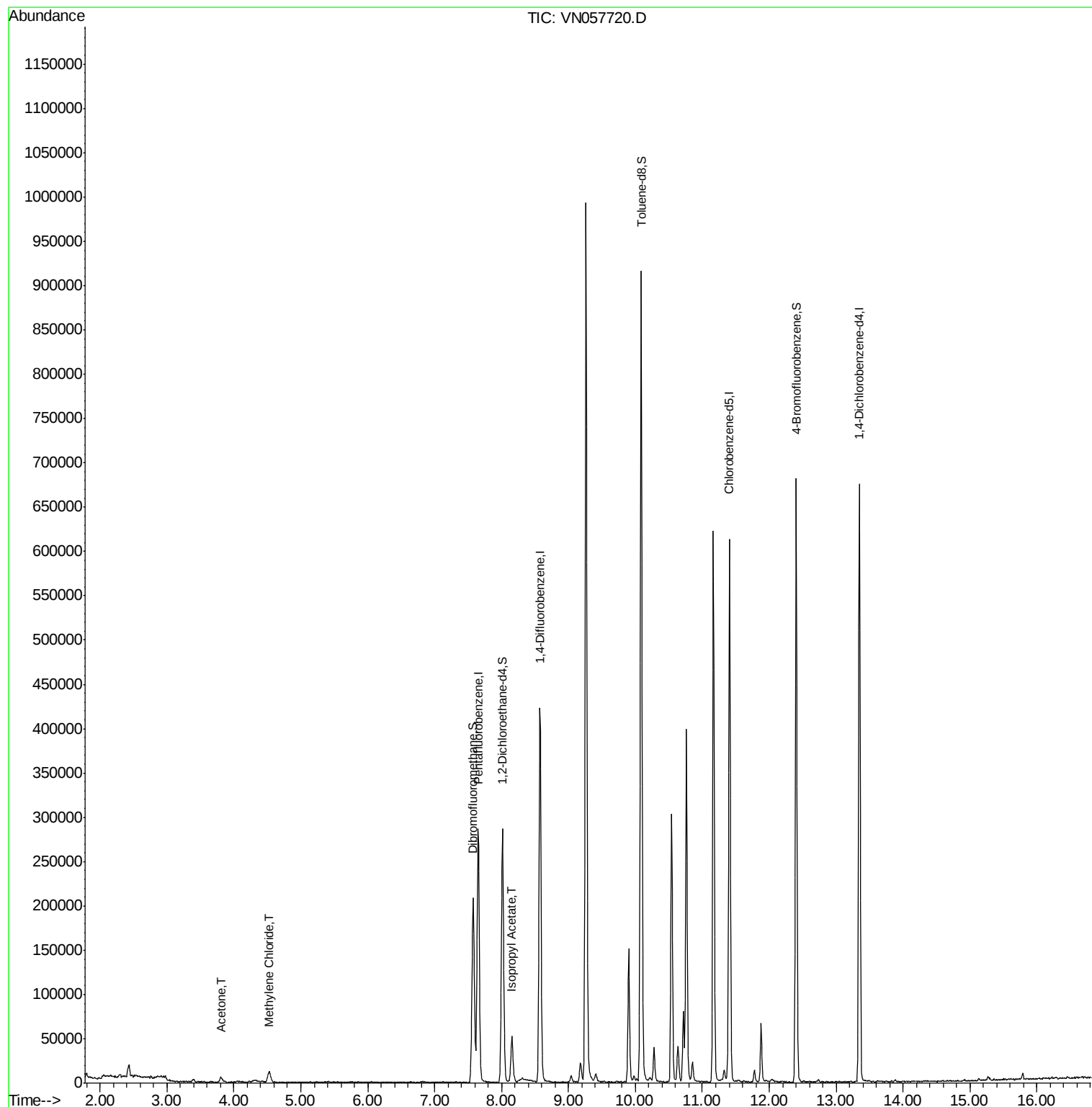
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	194049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	331900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	301429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	152518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	254172	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
35) Dibromofluoromethane	7.58	113	149068	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	10.08	98	587415	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.40	95	215021	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
Target Compounds						
16) Acetone	3.80	43	8503	5.853	ug/l #	86
20) Methylene Chloride	4.53	84	7845	2.498	ug/l	92
43) Isopropyl Acetate	8.16	43	64924	7.716	ug/l	99

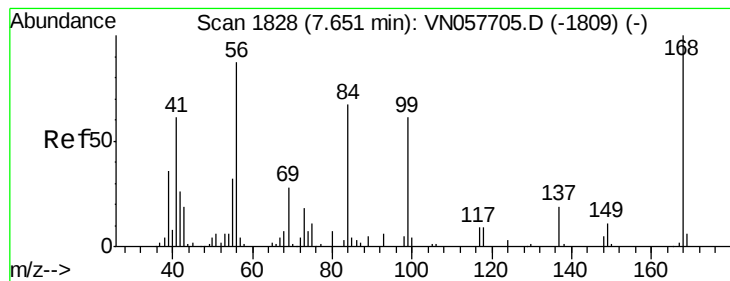
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 06 03:46:54 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057720.D

Acq: 6 Sep 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

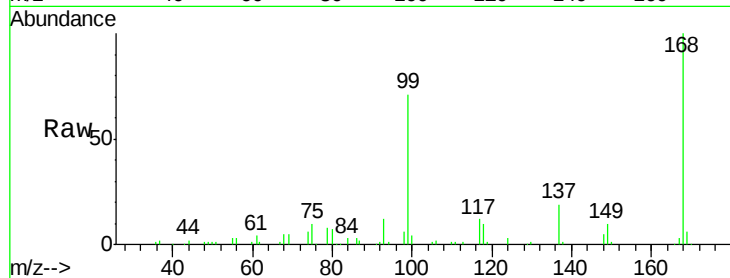
PAR-12-B3-(3.5)

Tot Ion:168 Resp: 194049

Ion Ratio Lower Upper

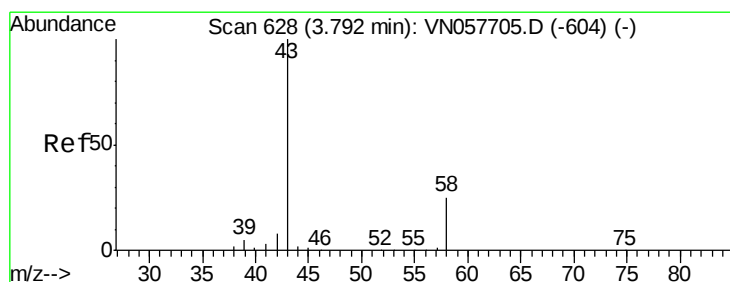
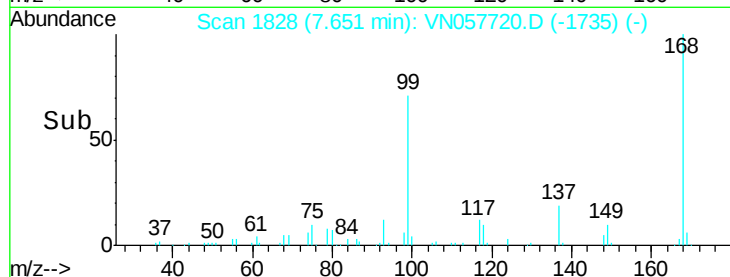
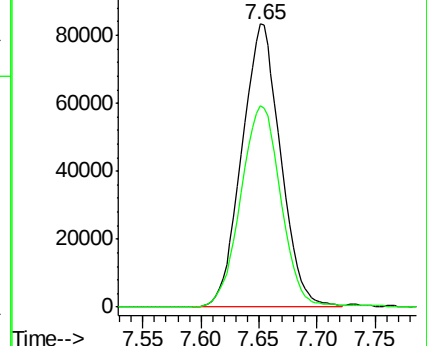
168 100

99 71.0 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: 5.853 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057720.D

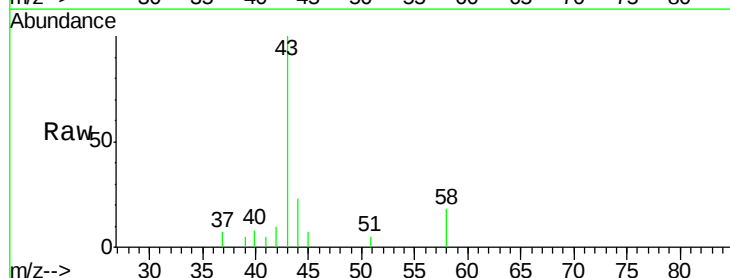
Acq: 6 Sep 2019 18:15

Tgt Ion: 43 Resp: 8503

Ion Ratio Lower Upper

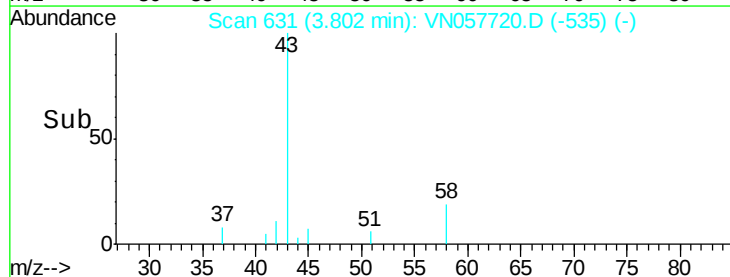
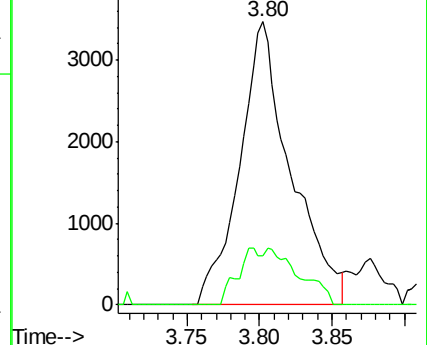
43 100

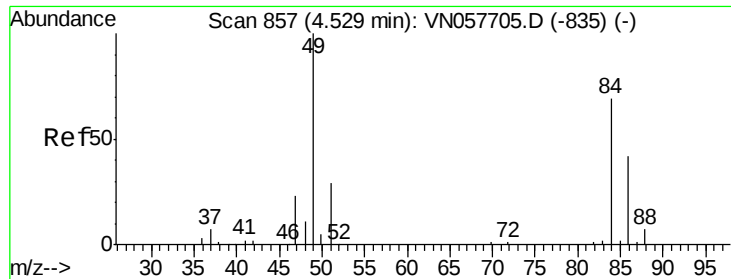
58 17.6 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

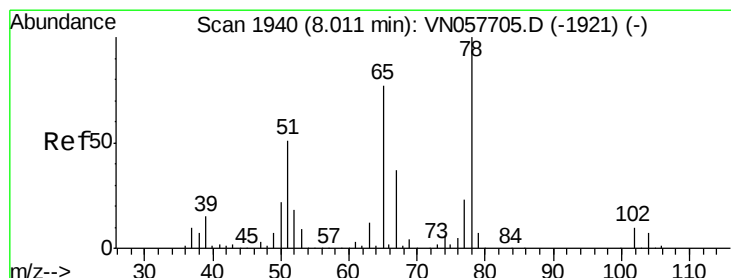
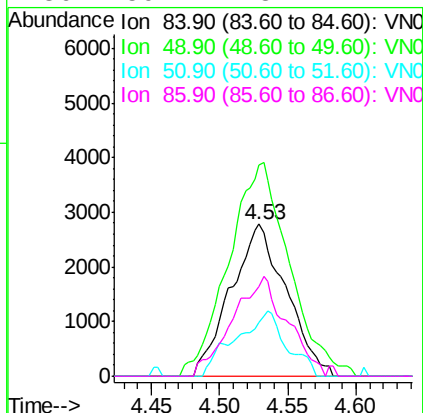
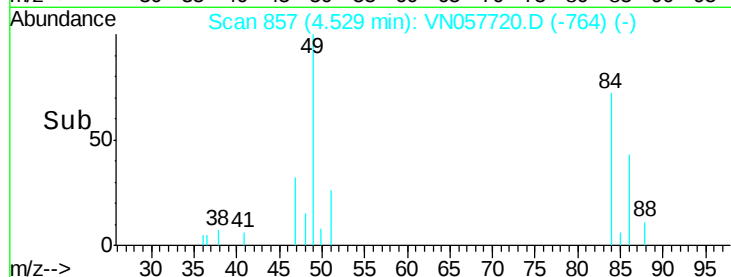
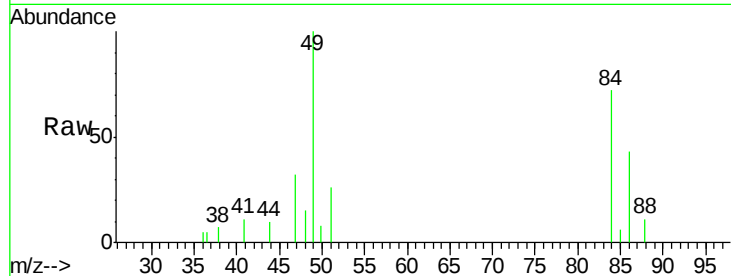




#20
Methvlene Chloride
Concen: 2.498 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057720.D
Acq: 6 Sep 2019 18:15

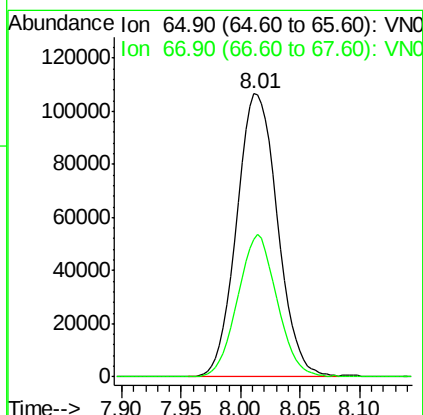
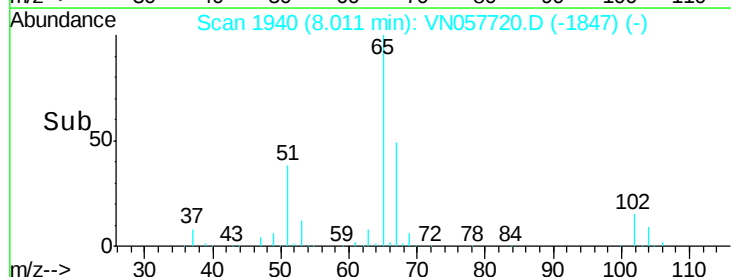
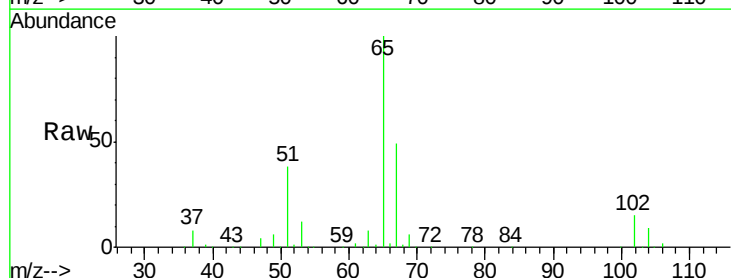
Instrument :
MSVOA_N
ClientSampleId :
PAR-12-B3-(3.5)

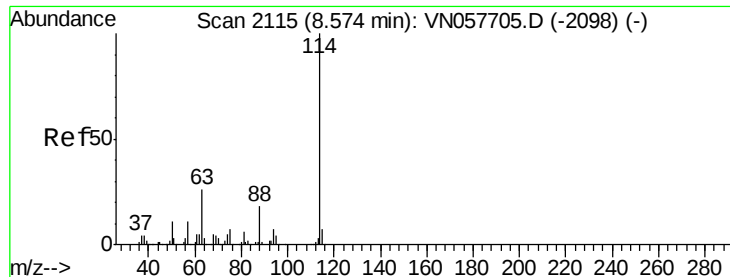
Tot Ion:	84	Resp:	7845
Ion	Ratio	Lower	Upper
84	100		
49	132.1	115.0	172.6
51	35.7	33.8	50.8
86	59.2	48.2	72.2



#33
1,2-Dichloroethane-d4
Concen: 53.843 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN057720.D
Acq: 6 Sep 2019 18:15

Tgt Ion:	65	Resp:	254172
Ion	Ratio	Lower	Upper
65	100		
67	48.5	0.0	98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057720.D

Acq: 6 Sep 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-B3-(3.5)

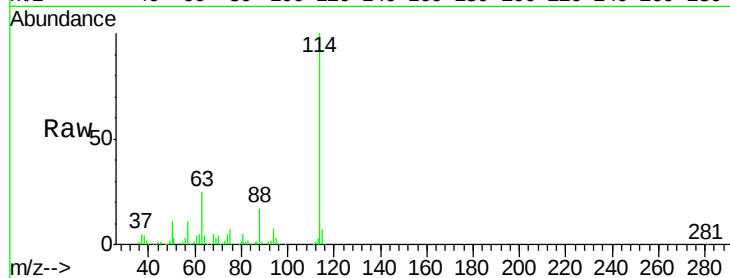
Tot Ion:114 Resp: 331900

Ion Ratio Lower Upper

114 100

63 25.3 0.0 52.4

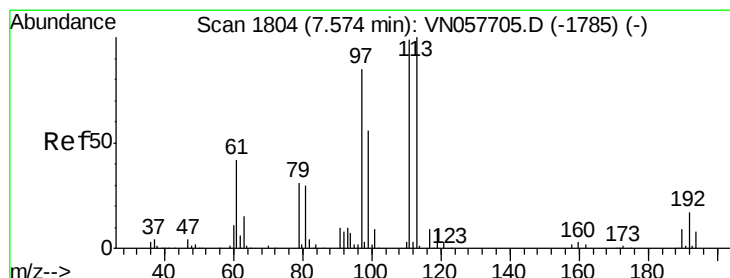
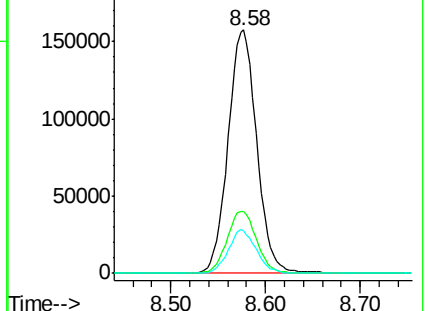
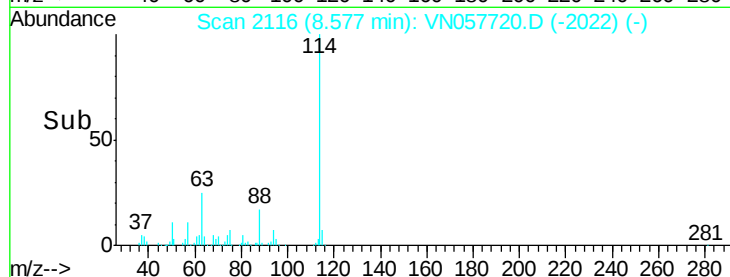
88 17.5 0.0 35.4



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: 49.310 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057720.D

Acq: 6 Sep 2019 18:15

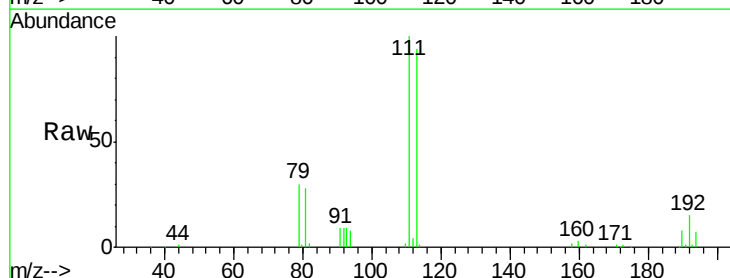
Tgt Ion:113 Resp: 149068

Ion Ratio Lower Upper

113 100

111 104.4 82.7 124.1

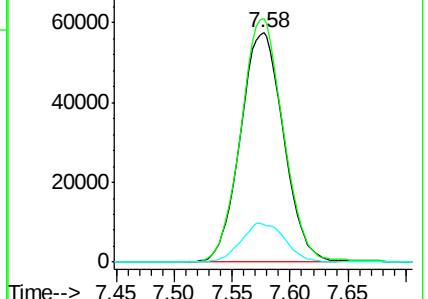
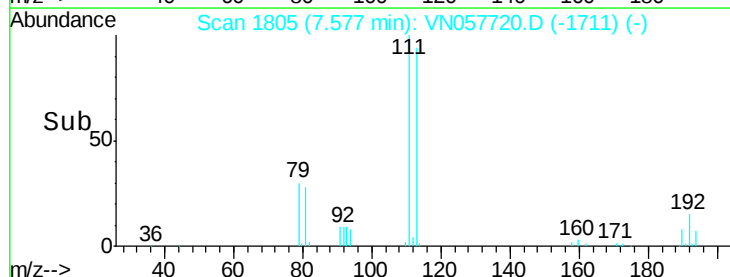
192 17.2 13.8 20.6

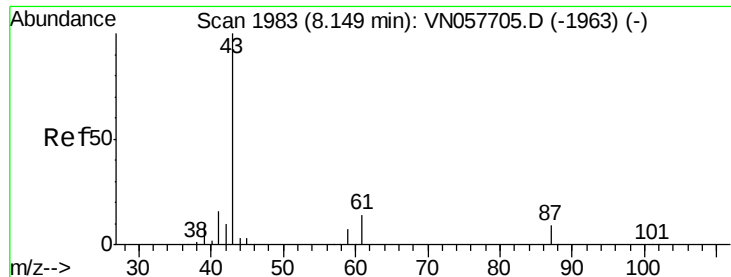


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.716 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057720.D

Acq: 6 Sep 2019 18:15

Instrument :

MSVOA_N

ClientSampled :

PAR-12-B3-(3.5)

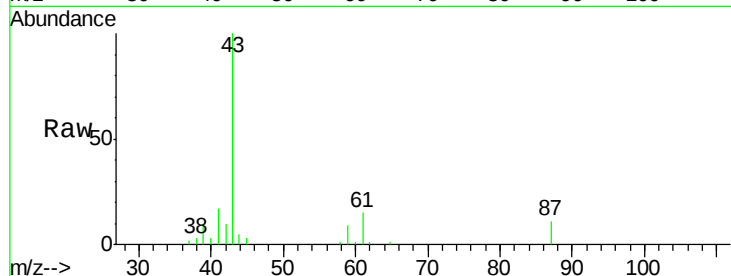
Tot Ion: 43 Resp: 64924

Ion Ratio Lower Upper

43 100

61 15.4 12.8 19.2

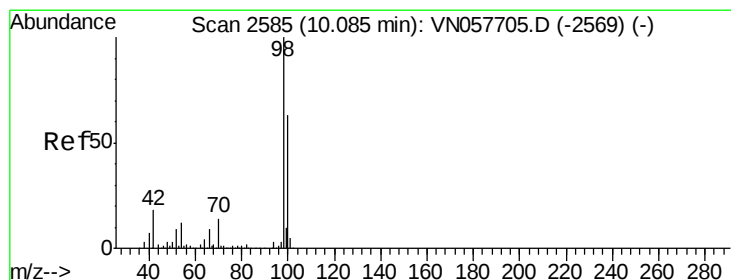
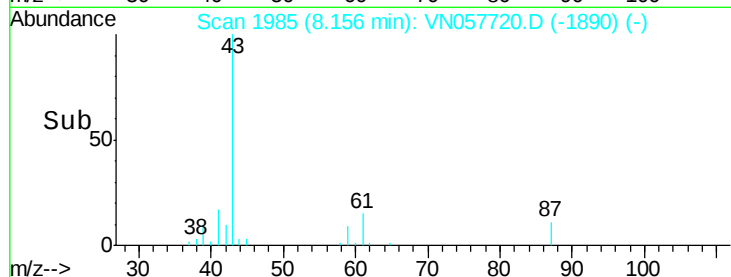
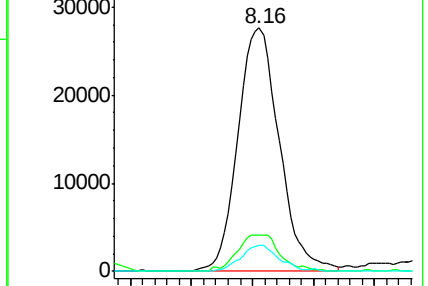
87 9.7 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN057720.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN057720.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN057720.D (-1890) (-)



#50

Toluene-d8

Concen: 52.527 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057720.D

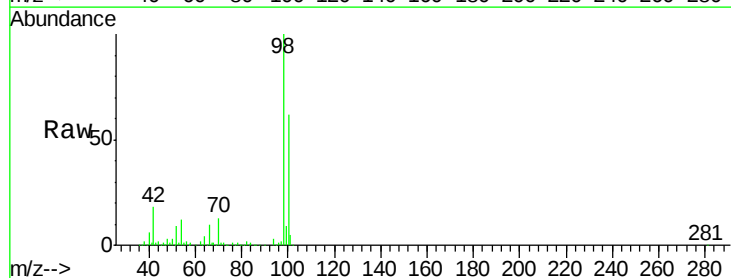
Acq: 6 Sep 2019 18:15

Tgt Ion: 98 Resp: 587415

Ion Ratio Lower Upper

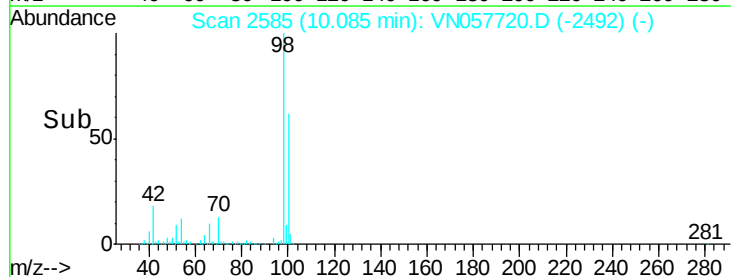
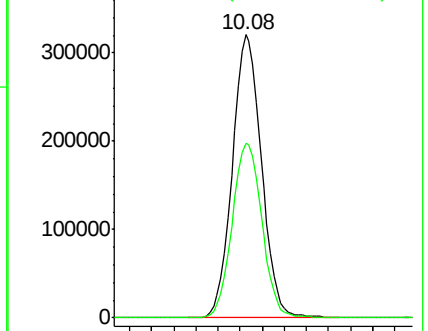
98 100

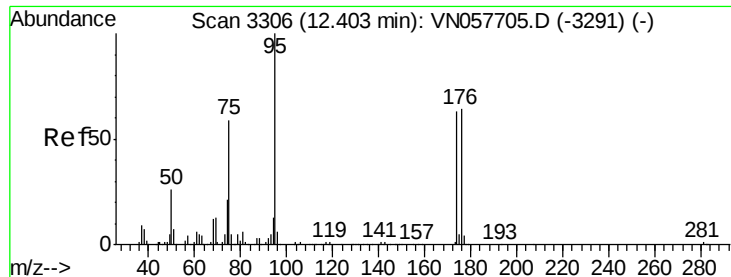
100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN057720.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN057720.D (-2492) (-)





#62

4-Bromofluorobenzene

Concen: 46.291 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057720.D

Acq: 6 Sep 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-B3-(3.5)

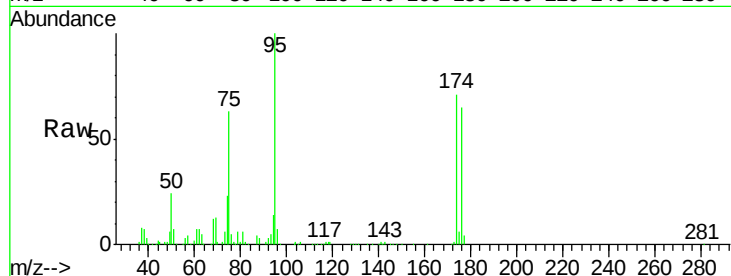
Tot Ion: 95 Resp: 215021

Ion Ratio Lower Upper

95 100

174 68.5 0.0 128.0

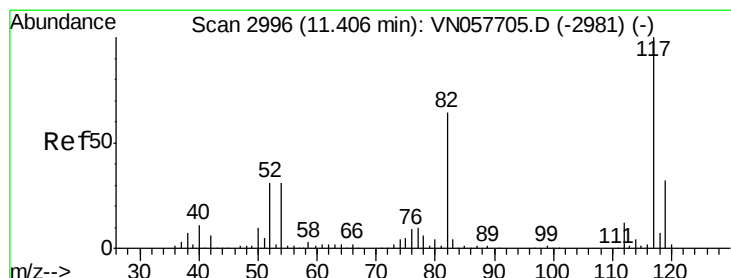
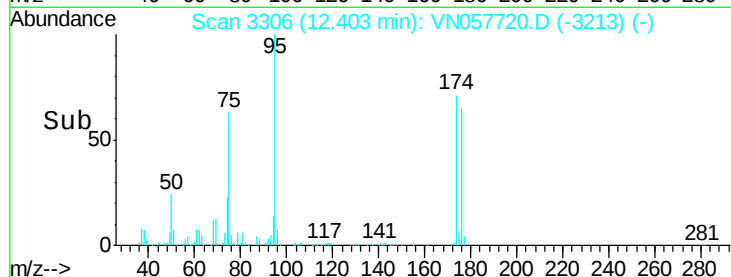
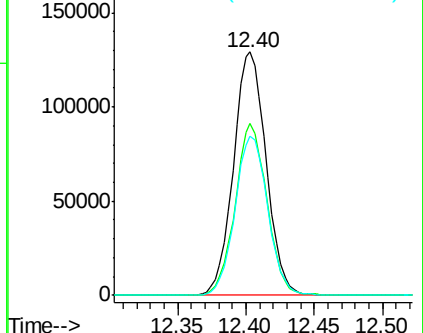
176 65.6 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN057720.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN057720.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN057720.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057720.D

Acq: 6 Sep 2019 18:15

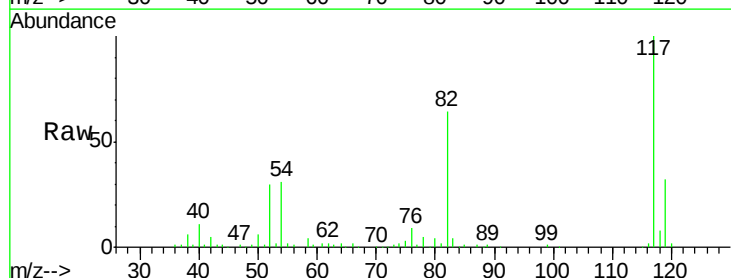
Tgt Ion: 117 Resp: 301429

Ion Ratio Lower Upper

117 100

82 64.5 51.4 77.0

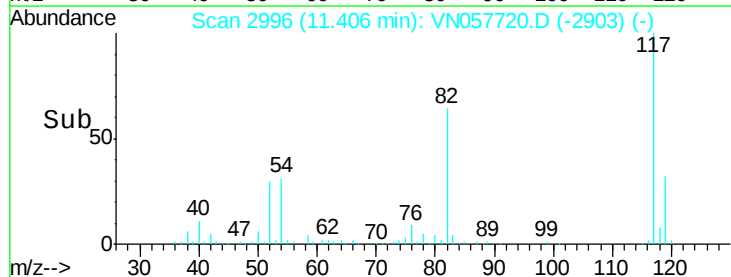
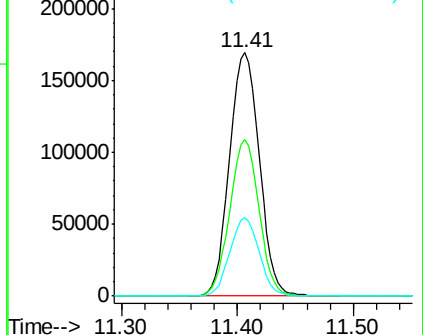
119 32.3 25.4 38.2

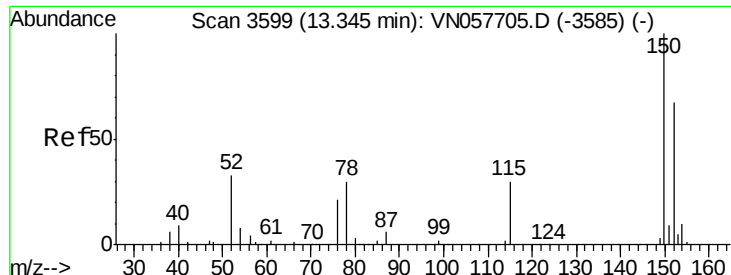


Abundance Ion 116.90 (116.60 to 117.60): VN057720.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN057720.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN057720.D (-2903) (-)

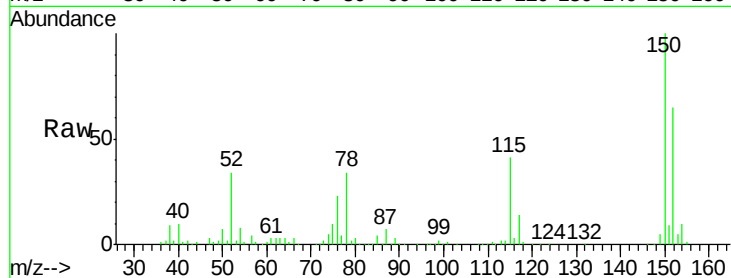




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN057720.D
 Acq: 6 Sep 2019 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-12-B3-(3.5)

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.8	33.8	101.3
150	156.5	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

