

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
 Data File : VN057035.D
 Acq On : 1 Aug 2019 14:25
 Operator : JC/SP
 Sample : K4097-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-DUP-20190729

Quant Time: Aug 02 05:58:35 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

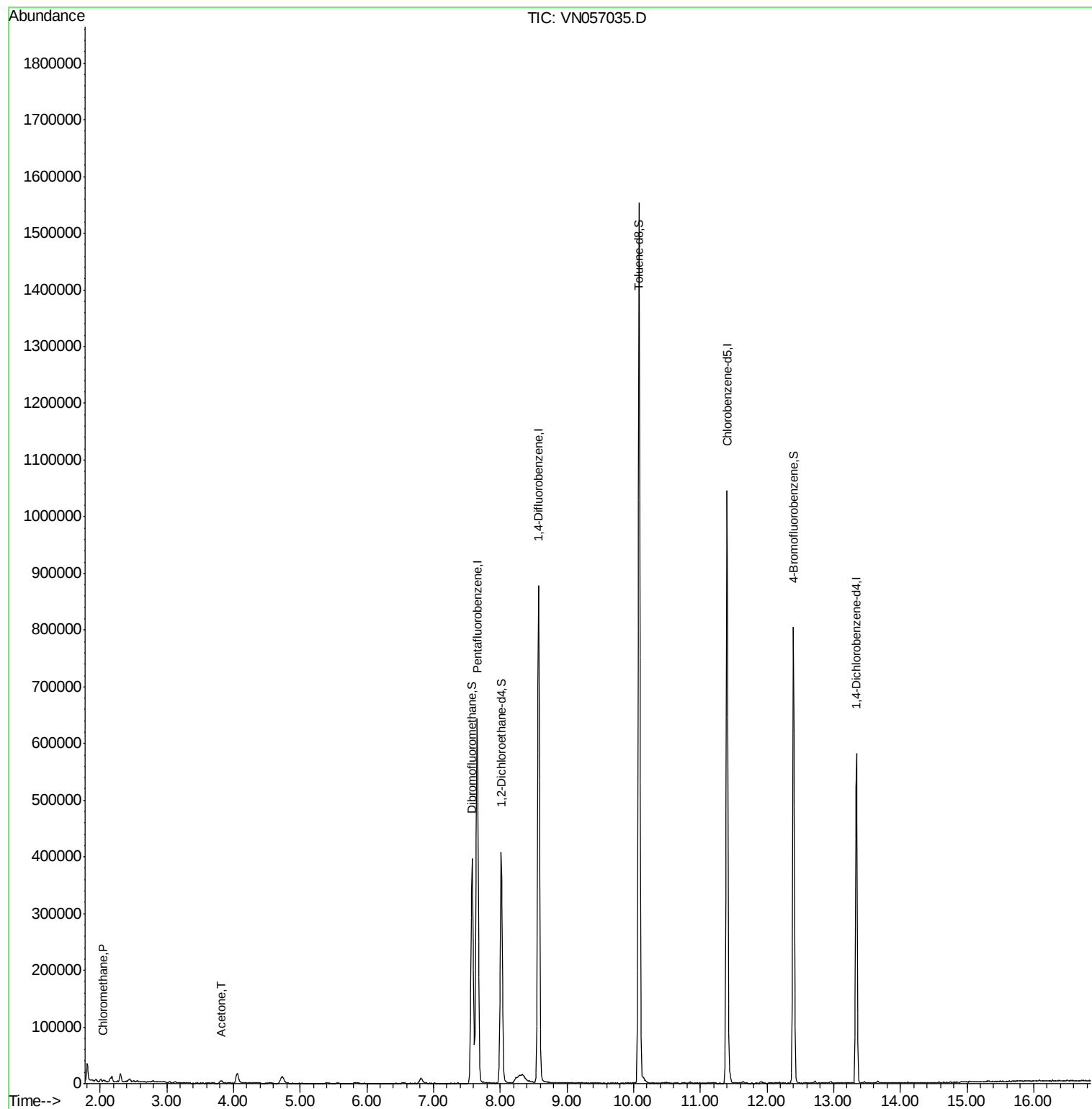
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	571246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	823590	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	670581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	337585	57.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.46%	
35) Dibromofluoromethane	7.58	113	302772	57.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.86%	
50) Toluene-d8	10.08	98	1146113	57.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.00%	
62) 4-Bromofluorobenzene	12.40	95	288980	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	
Target Compounds						
3) Chloromethane	2.05	50	2800	0.405	ug/l	94
16) Acetone	3.81	43	8756	4.133	ug/l	98

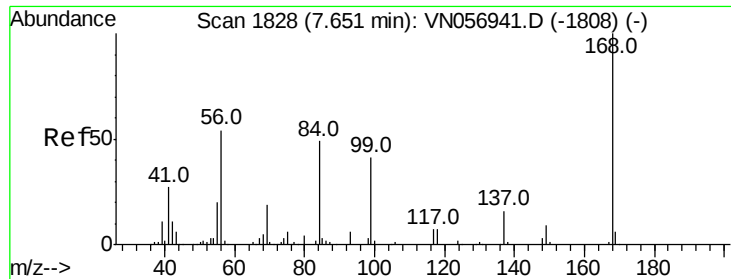
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057035.D

Acq: 1 Aug 2019 14:25

Instrument :

MSVOA_N

ClientSampleId :

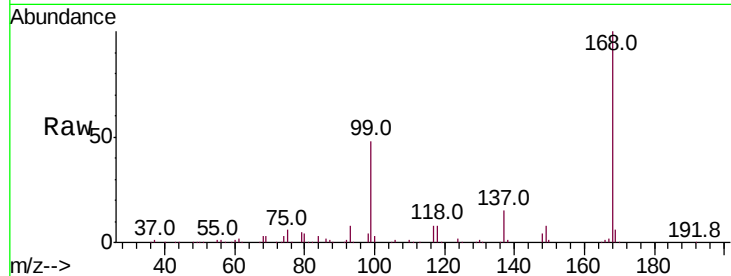
BP-VPB203-DUP-20190729

Tot Ion:168 Resp: 571246

Ion Ratio Lower Upper

168 100

99 48.4 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

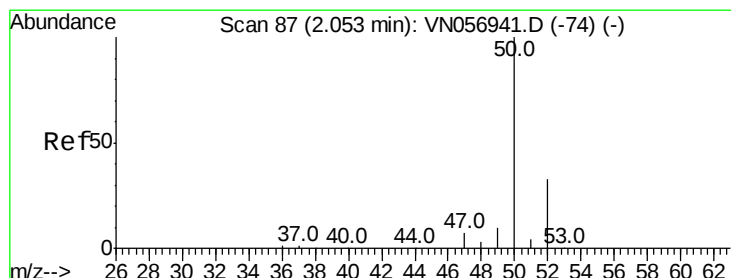
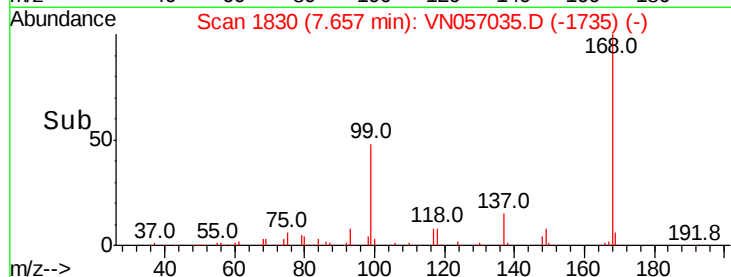
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.405 ug/l

RT: 2.05 min Scan# 87

Delta R.T. -0.00 min

Lab File: VN057035.D

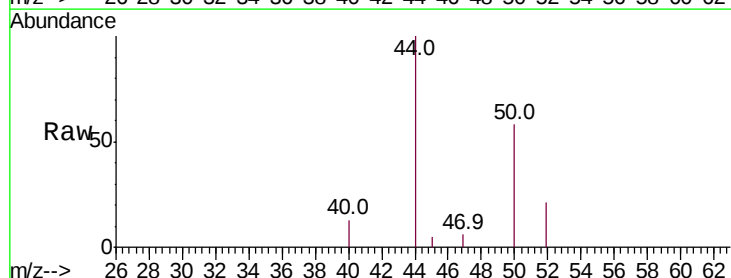
Acq: 1 Aug 2019 14:25

Tgt Ion: 50 Resp: 2800

Ion Ratio Lower Upper

50 100

52 35.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2000

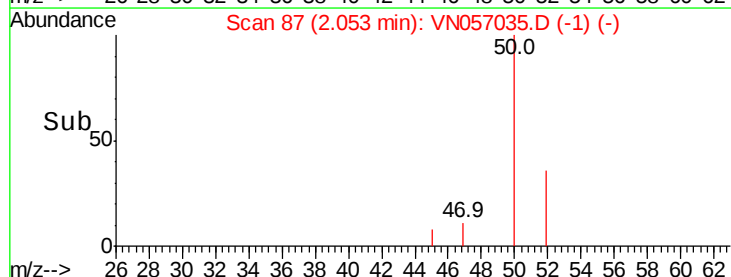
1500

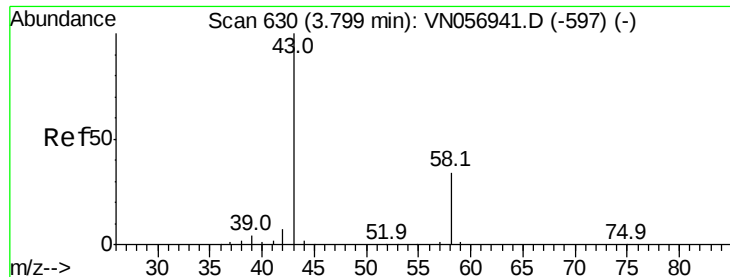
1000

500

0

Time-->





#16

Acetone

Concen: 4.133 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.02 min

Lab File: VN057035.D

Acq: 1 Aug 2019 14:25

Instrument :

MSVOA_N

ClientSampleId :

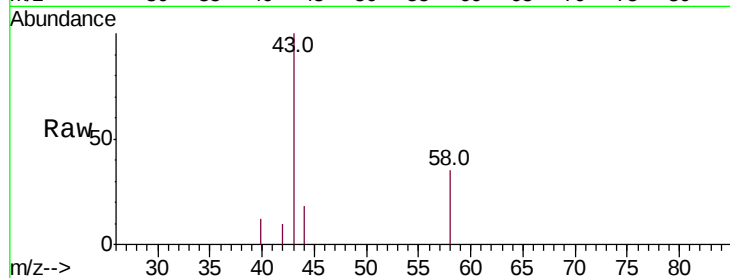
BP-VPB203-DUP-20190729

Tot Ion: 43 Resp: 8756

Ion Ratio Lower Upper

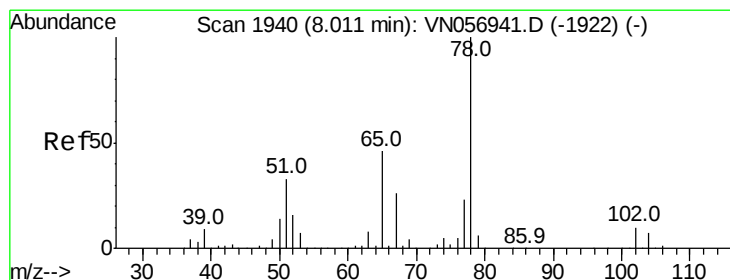
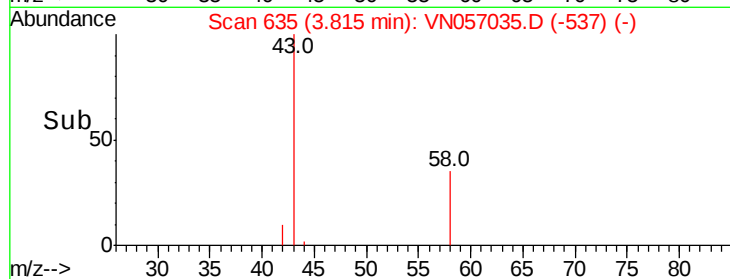
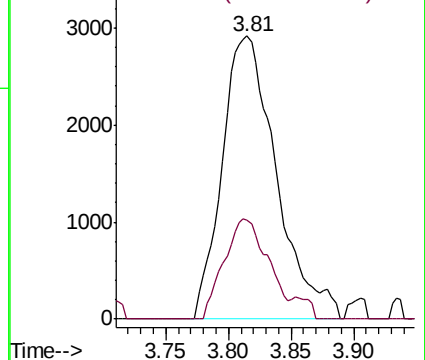
43 100

58 35.2 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 57.731 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VN057035.D

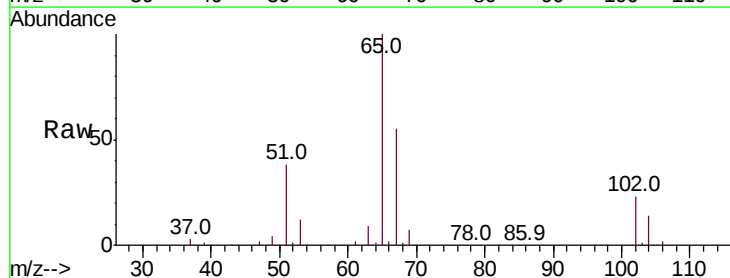
Acq: 1 Aug 2019 14:25

Tgt Ion: 65 Resp: 337585

Ion Ratio Lower Upper

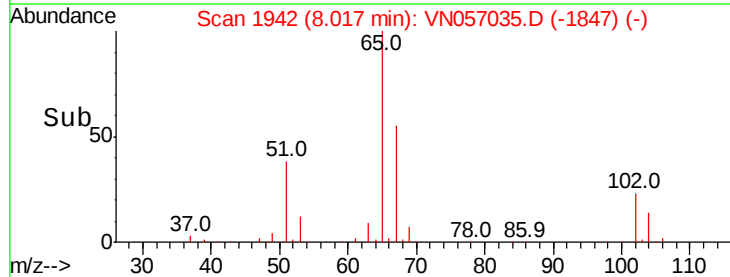
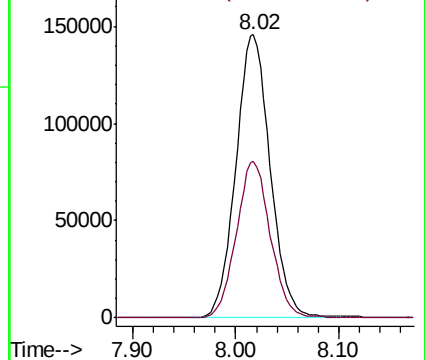
65 100

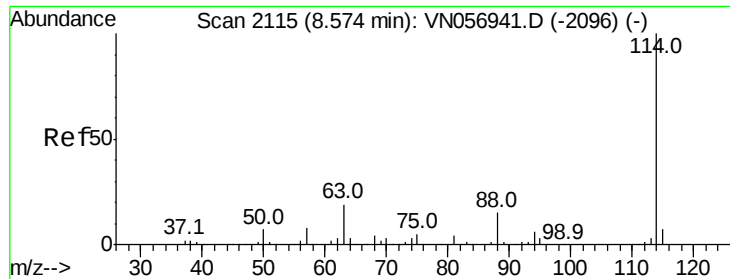
67 54.9 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

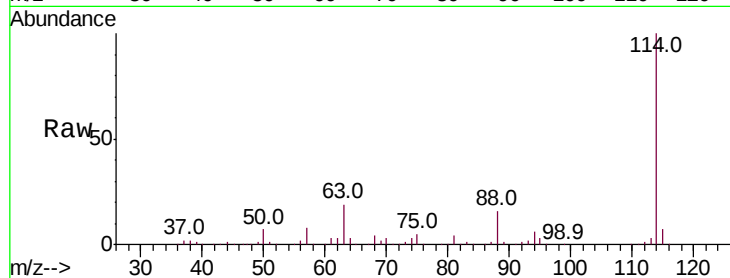




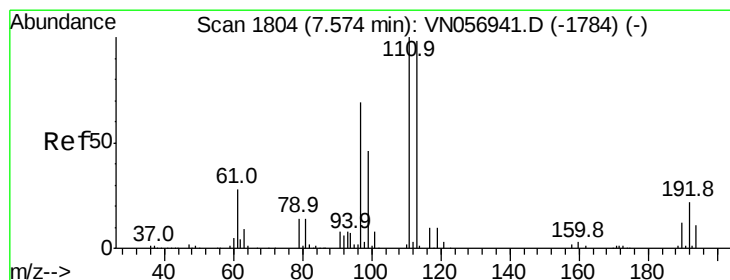
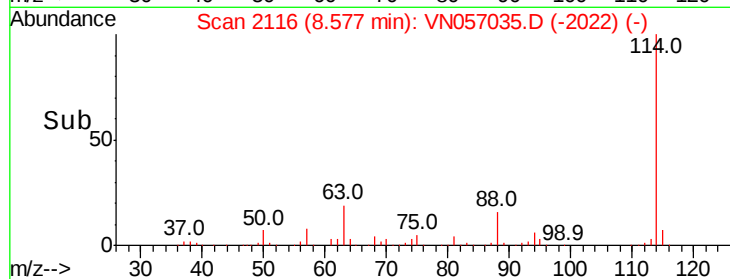
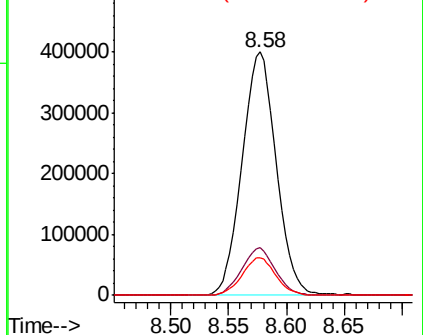
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057035.D
Acq: 1 Aug 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-DUP-20190729

Tot Ion:114 Resp: 823590
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.0
88 15.5 0.0 30.0

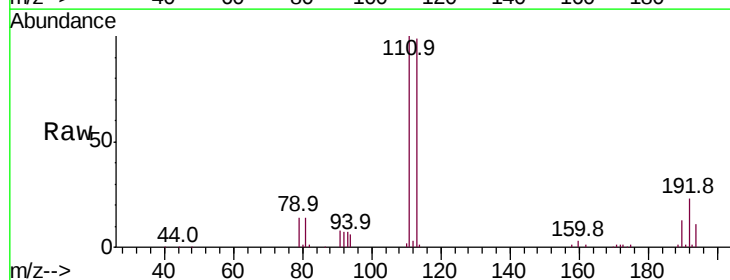


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

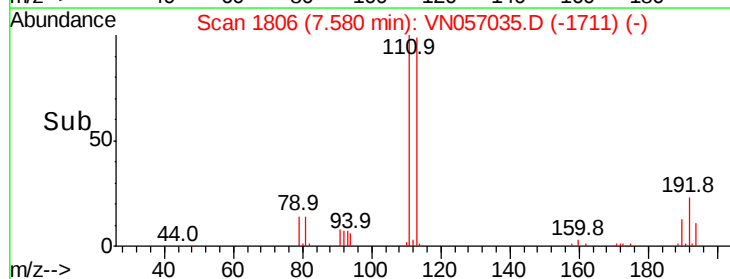
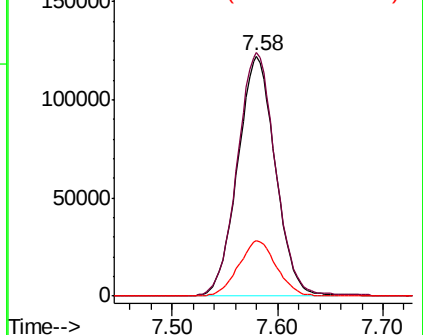


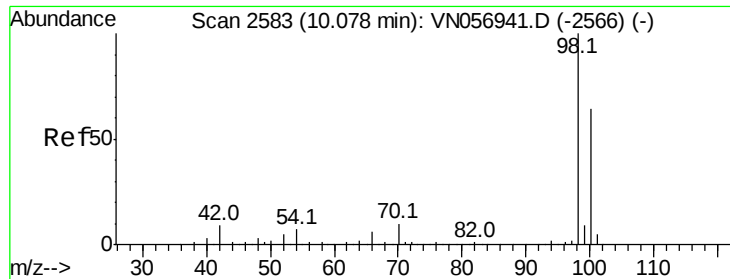
#35
Dibromofluoromethane
Concen: 57.426 ug/l
RT: 7.58 min Scan# 1806
Delta R.T. 0.01 min
Lab File: VN057035.D
Acq: 1 Aug 2019 14:25

Tgt Ion:113 Resp: 302772
Ion Ratio Lower Upper
113 100
111 103.4 82.0 123.0
192 23.3 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





#50

Toluene-d8

Concen: 57.004 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057035.D

Acq: 1 Aug 2019 14:25

Instrument :

MSVOA_N

ClientSampleId :

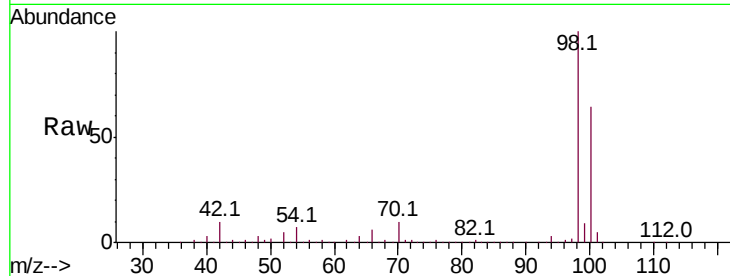
BP-VPB203-DUP-20190729

Tot Ion: 98 Resp: 1146113

Ion Ratio Lower Upper

98 100

100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN056941.D (-2566) (-)

Ion 100.00 (99.70 to 100.70): VN056941.D (-2566) (-)

10.08

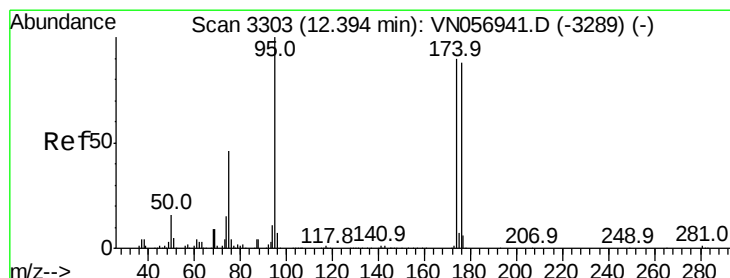
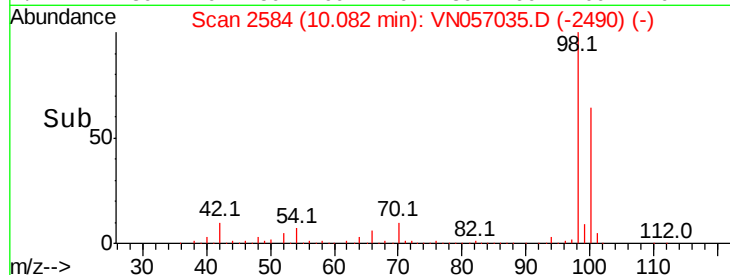
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.150 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057035.D

Acq: 1 Aug 2019 14:25

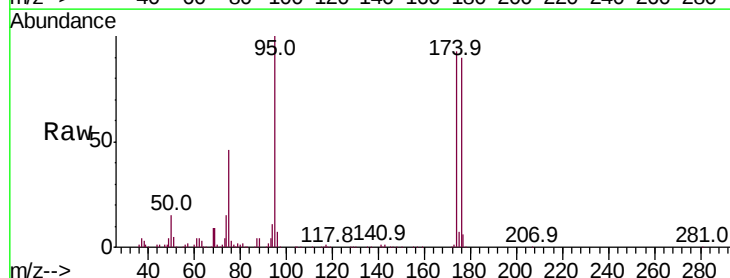
Tgt Ion: 95 Resp: 288980

Ion Ratio Lower Upper

95 100

174 94.6 0.0 182.2

176 90.1 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

200000

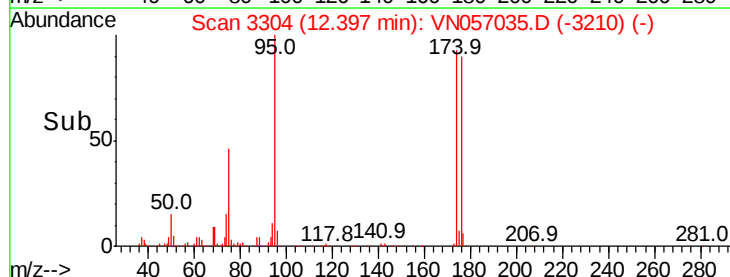
150000

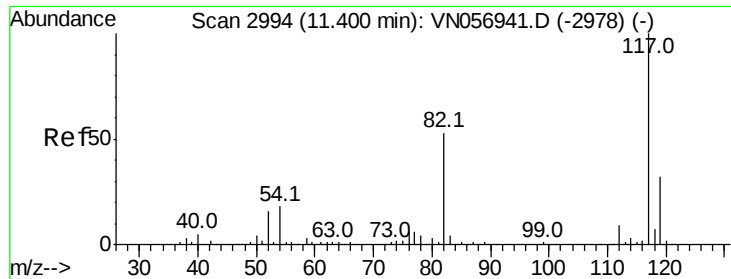
100000

50000

0

Time-->

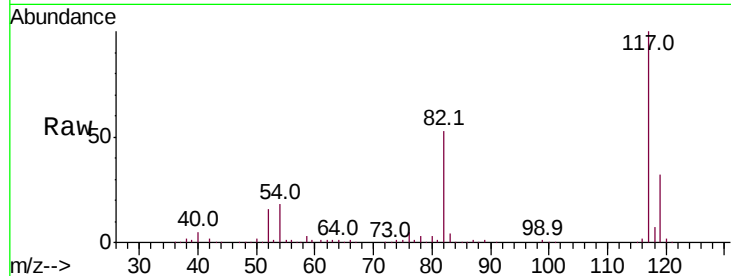




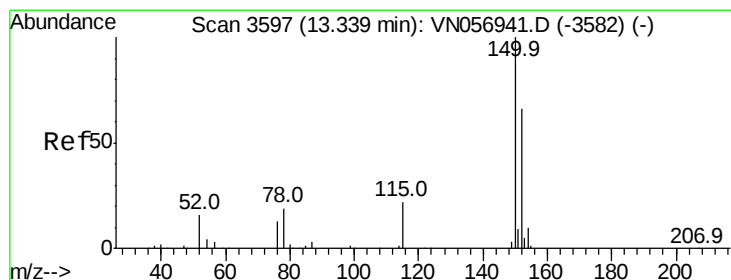
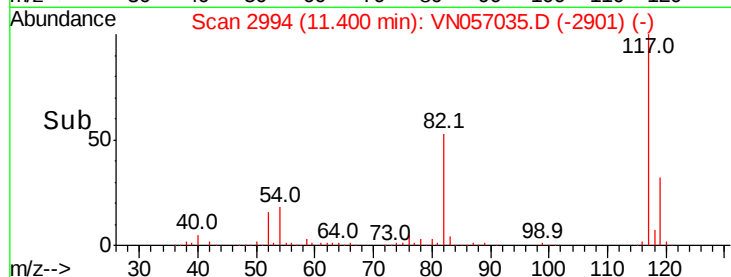
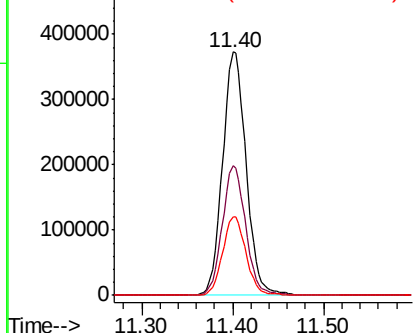
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN057035.D
Acq: 1 Aug 2019 14:25

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-DUP-20190729

Tot Ion:117 Resp: 670581
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.4
119 32.4 25.8 38.6

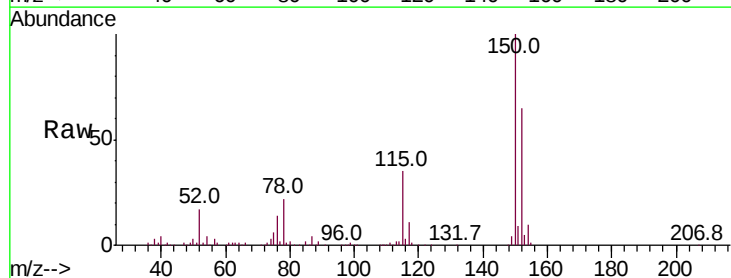


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057035.D
Acq: 1 Aug 2019 14:25

Tgt Ion:152 Resp: 176279
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.6
150 153.6 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

