

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080219\
 Data File : VN057054.D
 Acq On : 2 Aug 2019 10:26
 Operator : JC/SP
 Sample : K4118-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ15711-20190731

Quant Time: Aug 03 04:40:06 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

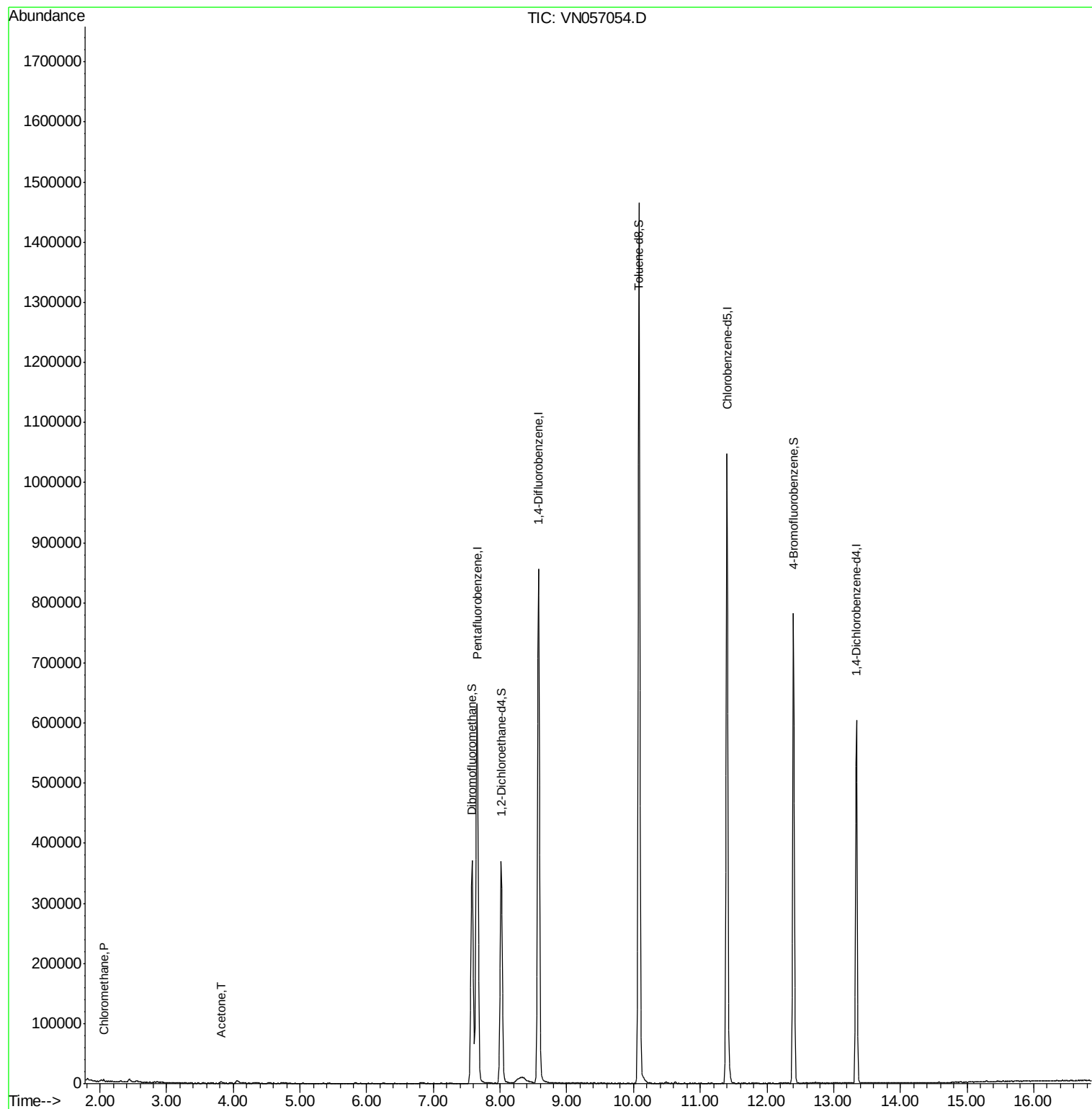
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	565236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	814378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	675372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	181862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	315463	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.04%	
35) Dibromofluoromethane	7.58	113	286661	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
50) Toluene-d8	10.08	98	1082735	54.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.92%	
62) 4-Bromofluorobenzene	12.40	95	282276	43.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.22%	
Target Compounds						
3) Chloromethane	2.06	50	3136	0.458	ug/l	93
16) Acetone	3.82	43	4069	1.941	ug/l #	88

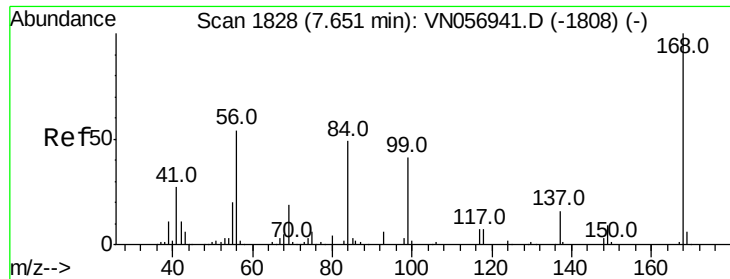
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 27 01:33:29 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: VN057054.D

Acq: 2 Aug 2019 10:26

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MSVOA_N

ClientSampleId :

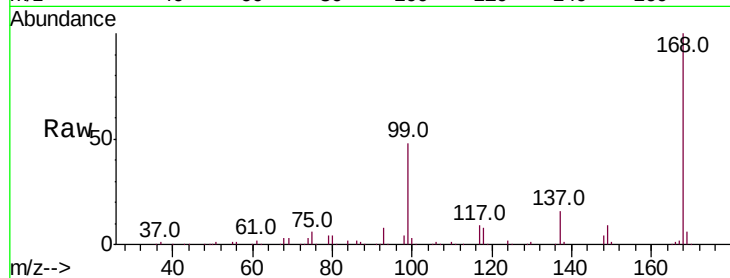
SA-PZ15711-20190731

Tot Ion:168 Resp: 565236

Ion Ratio Lower Upper

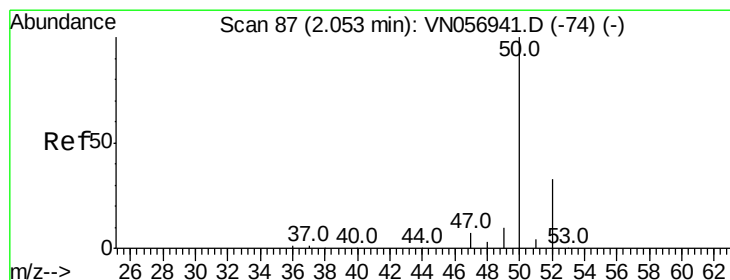
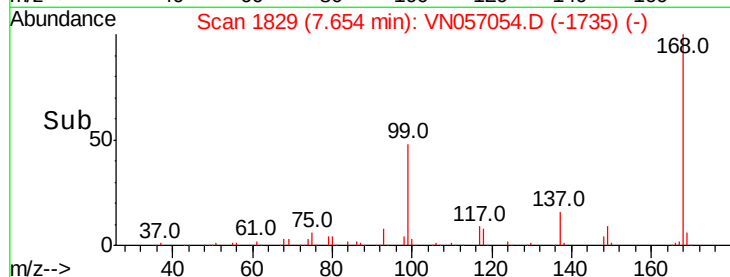
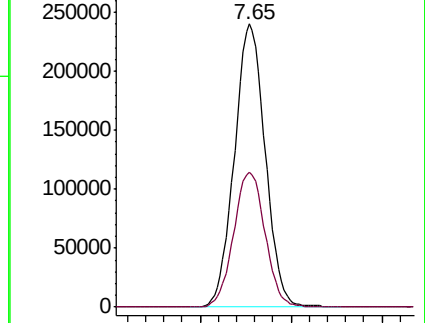
168 100

99 47.6 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.458 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN057054.D

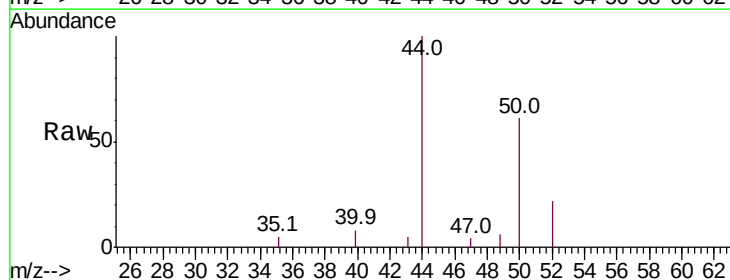
Acq: 2 Aug 2019 10:26

Tgt Ion: 50 Resp: 3136

Ion Ratio Lower Upper

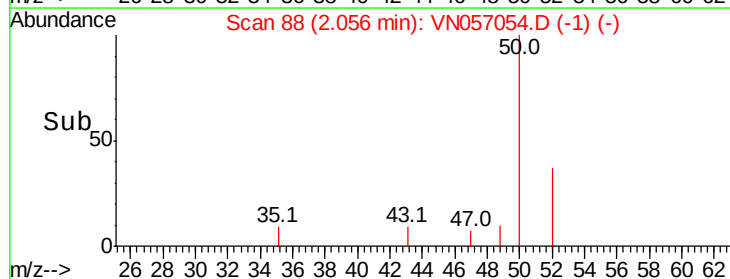
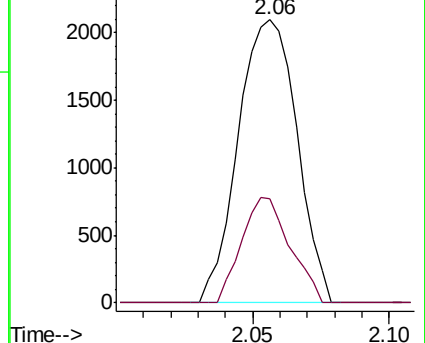
50 100

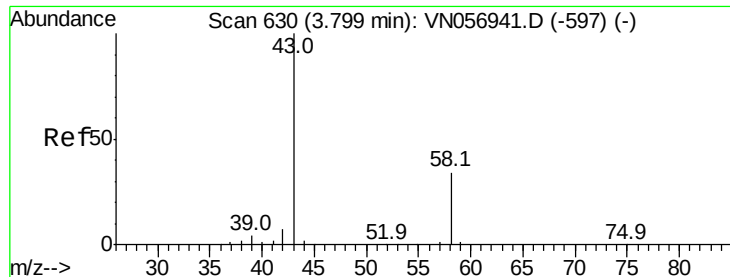
52 36.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#16

Acetone

Concen: 1.941 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.02 min

Lab File: VN057054.D

Acq: 2 Aug 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

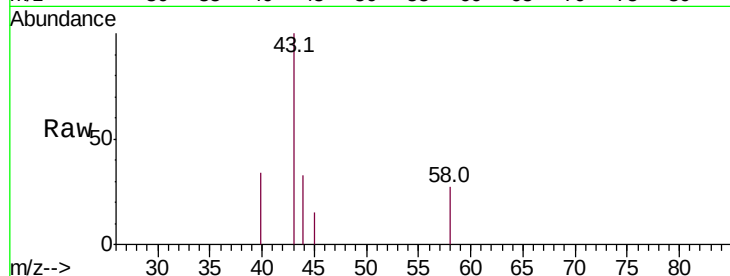
SA-PZ15711-20190731

Tot Ion: 43 Resp: 4069

Ion Ratio Lower Upper

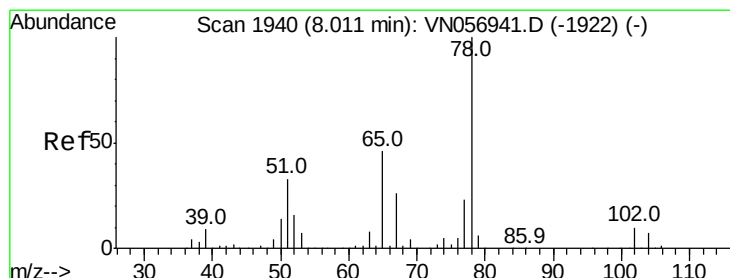
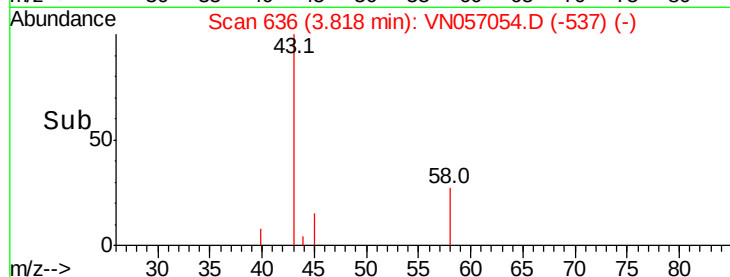
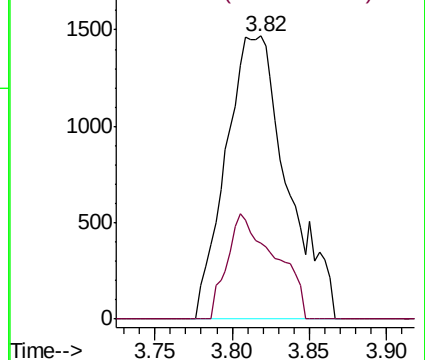
43 100

58 27.0 27.2 40.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



#33

1,2-Dichloroethane-d4

Concen: 54.522 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VN057054.D

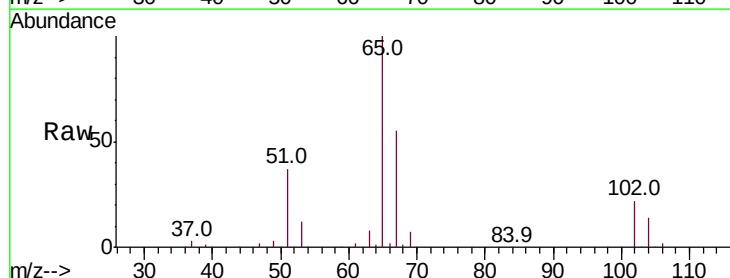
Acq: 2 Aug 2019 10:26

Tgt Ion: 65 Resp: 315463

Ion Ratio Lower Upper

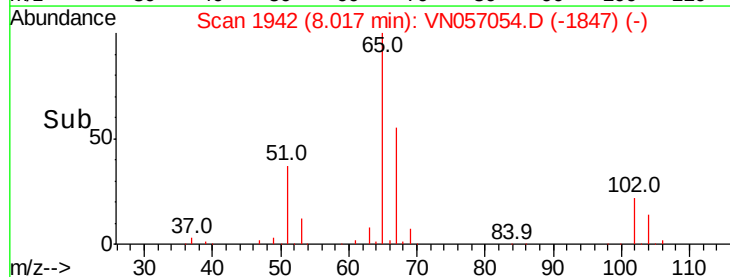
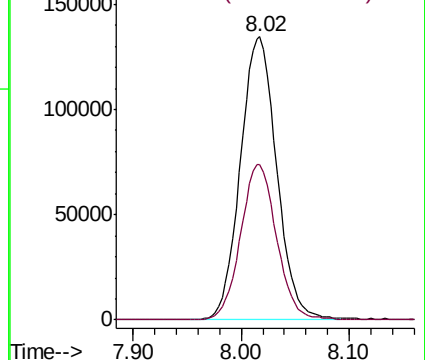
65 100

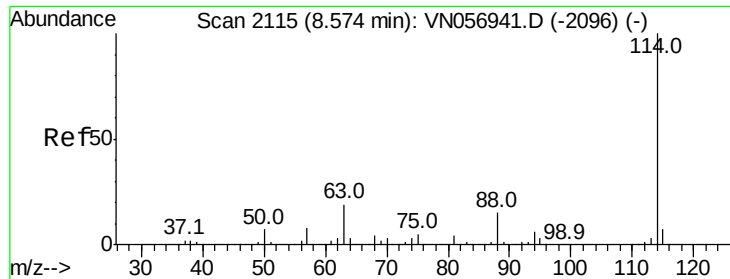
67 54.3 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

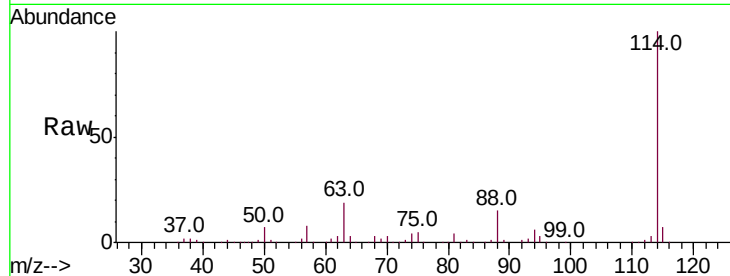




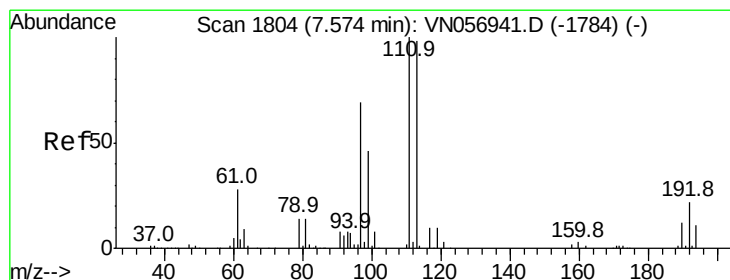
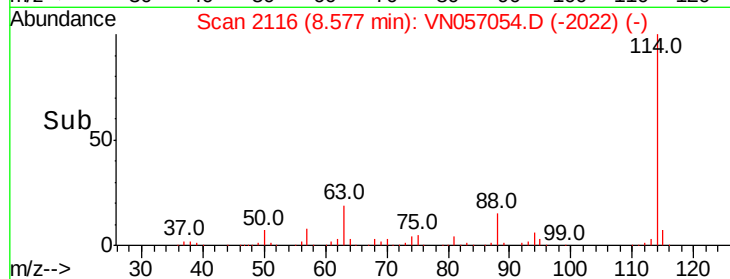
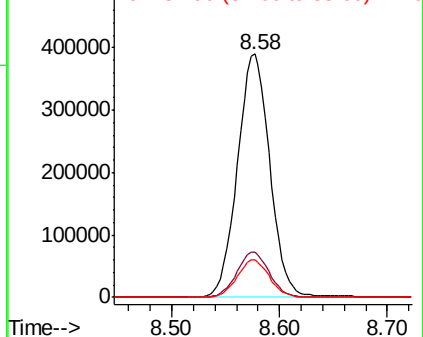
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057054.D
 Acq: 2 Aug 2019 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ15711-20190731

Tot Ion:114 Resp: 814378
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.0
 88 15.3 0.0 30.0

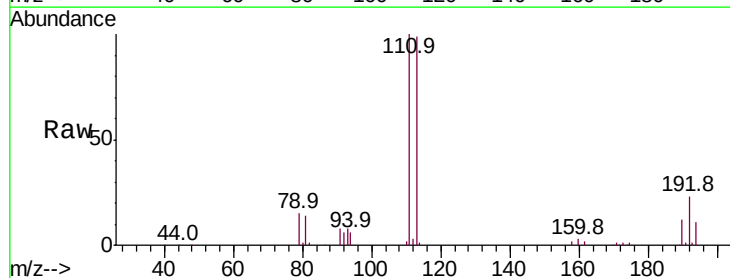


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

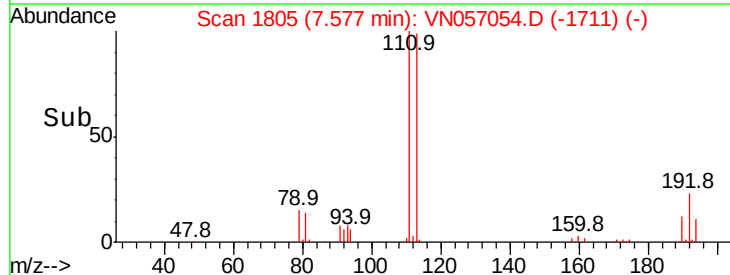
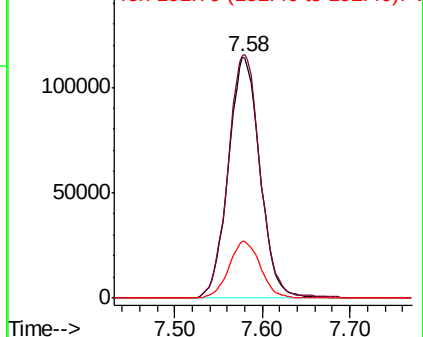


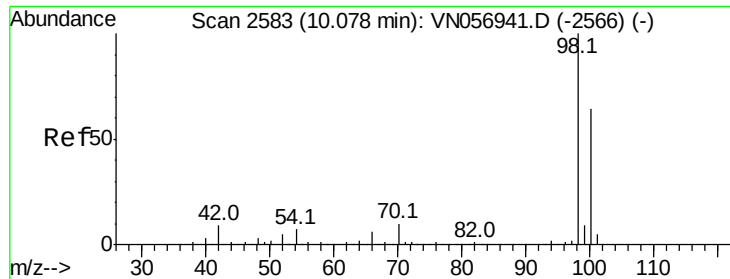
#35
 Dibromofluoromethane
 Concen: 54.986 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057054.D
 Acq: 2 Aug 2019 10:26

Tgt Ion:113 Resp: 286661
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.0 123.0
 192 23.5 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: 54.461 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057054.D

Acq: 2 Aug 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

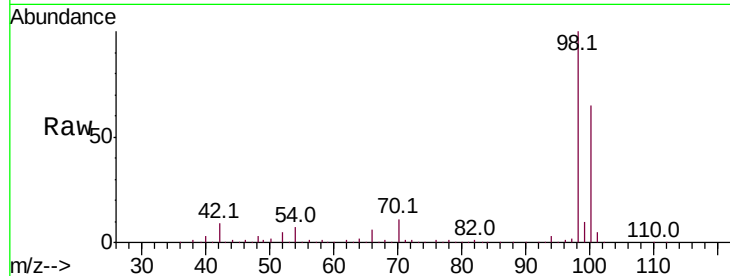
SA-PZ15711-20190731

Tot Ion: 98 Resp: 1082735

Ion Ratio Lower Upper

98 100

100 64.5 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

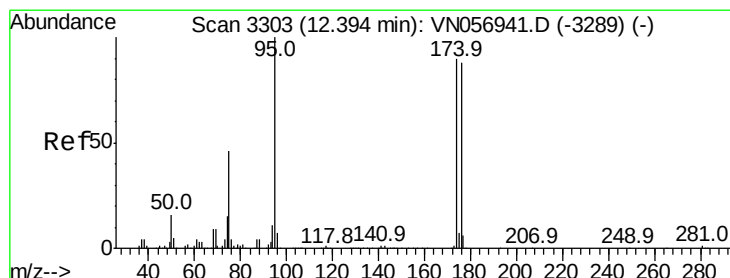
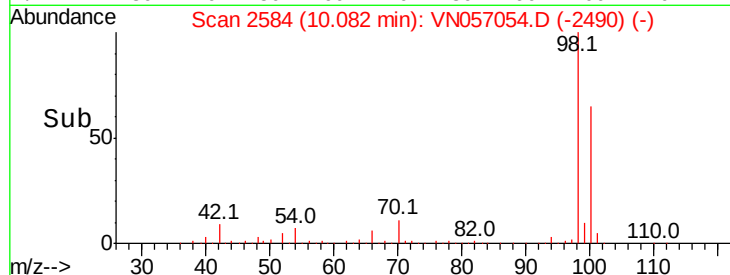
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.614 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057054.D

Acq: 2 Aug 2019 10:26

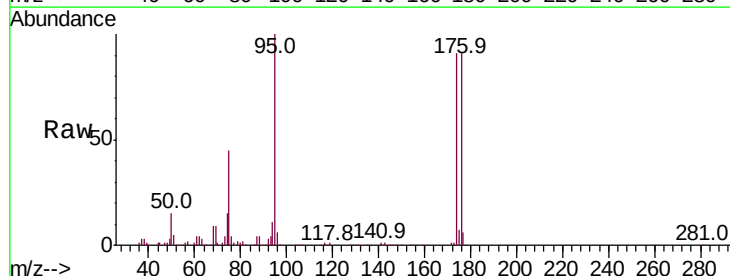
Tgt Ion: 95 Resp: 282276

Ion Ratio Lower Upper

95 100

174 91.9 0.0 182.2

176 90.6 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) (-)

200000

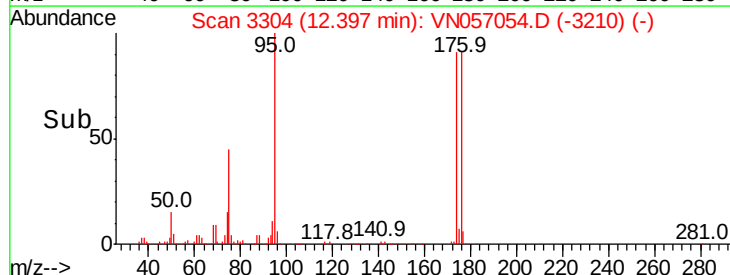
150000

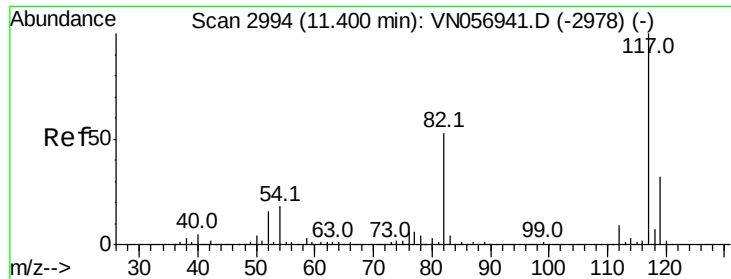
100000

50000

0

Time-->

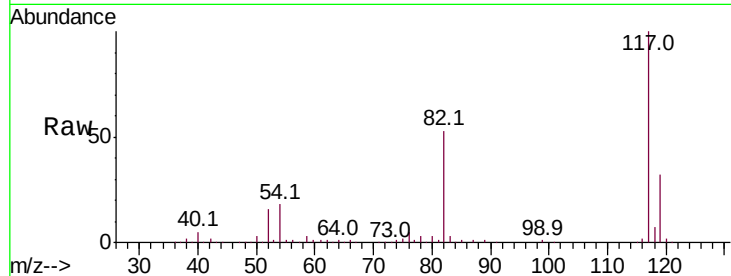




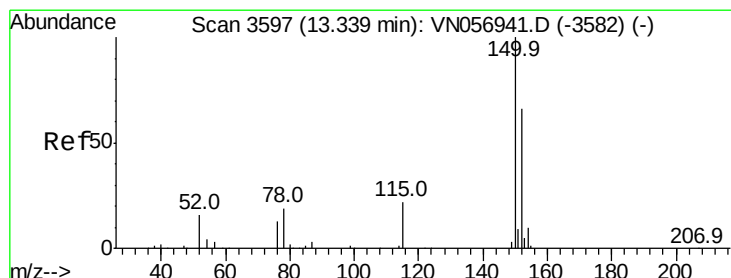
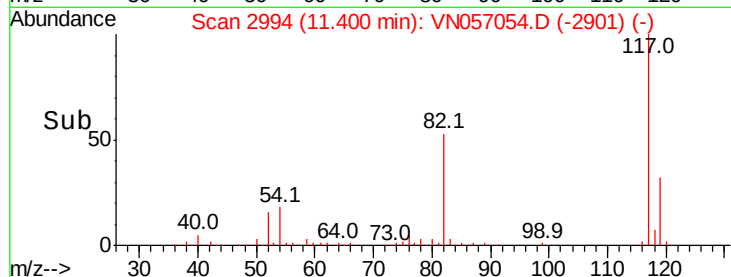
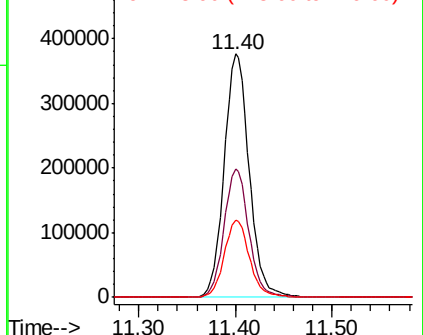
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057054.D
Acq: 2 Aug 2019 10:26

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ15711-20190731

Tot Ion:117 Resp: 675372
Ion Ratio Lower Upper
117 100
82 53.0 42.2 63.4
119 31.7 25.8 38.6

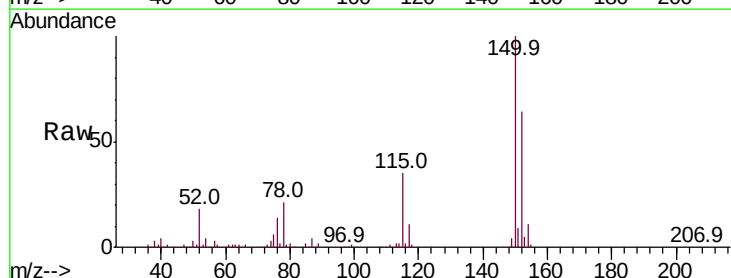


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057054.D
Acq: 2 Aug 2019 10:26

Tgt Ion:152 Resp: 181862
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.6
150 157.7 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

