

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080219\
 Data File : VN057065.D
 Acq On : 2 Aug 2019 14:42
 Operator : JC/SP
 Sample : K4118-24RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ182I-20190731RE

Quant Time: Aug 03 05:02:10 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

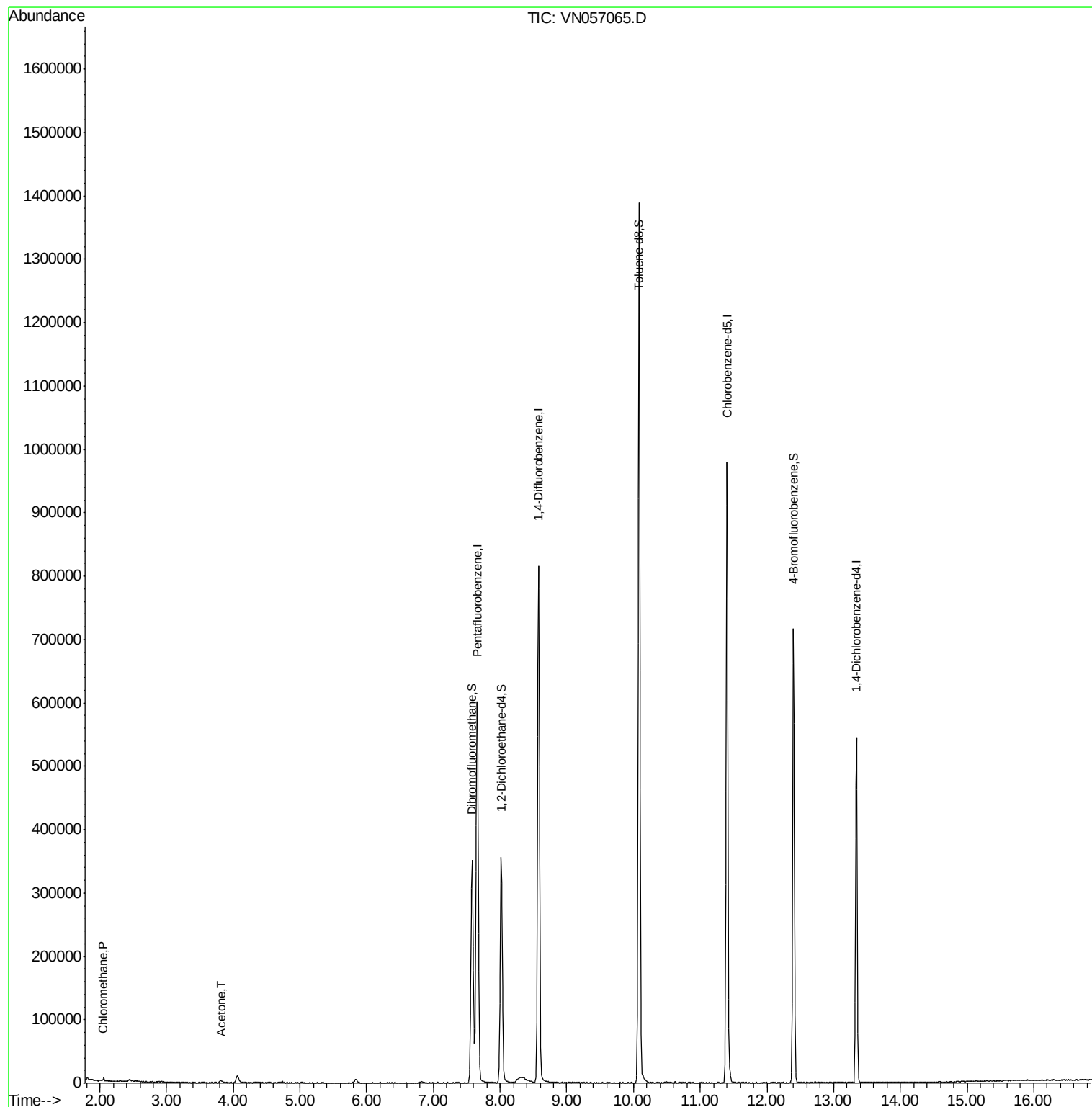
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	540757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	781012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	636678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	297553	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
35) Dibromofluoromethane	7.58	113	272896	54.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.16%	
50) Toluene-d8	10.08	98	1023453	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
62) 4-Bromofluorobenzene	12.40	95	259769	41.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.70%	
Target Compounds						
3) Chloromethane	2.05	50	4072	0.622	ug/l	100
16) Acetone	3.81	43	5942	2.963	ug/l	89

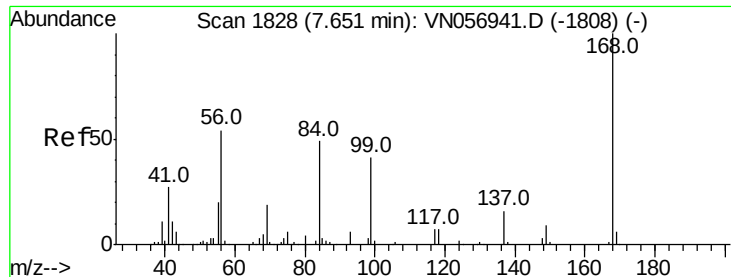
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

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Acq: 2 Aug 2019 14:42

Instrument :

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ClientSampleId :

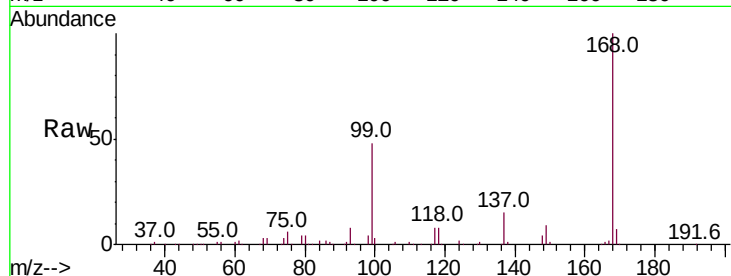
SA-PZ182I-20190731RE

Tot Ion:168 Resp: 540757

Ion Ratio Lower Upper

168 100

99 48.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

250000

200000

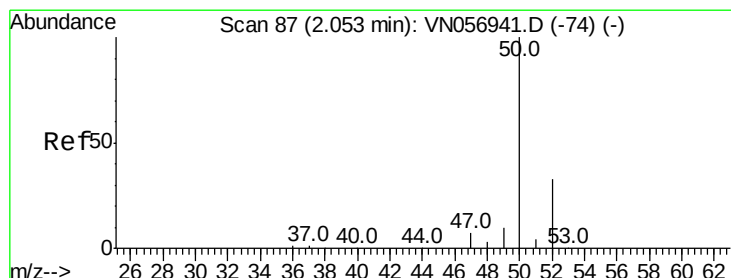
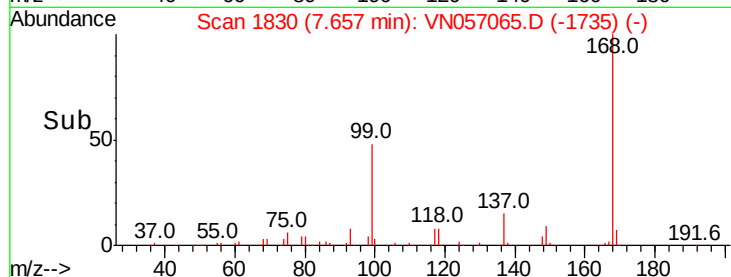
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.622 ug/l

RT: 2.05 min Scan# 87

Delta R.T. 0.00 min

Lab File: VN057065.D

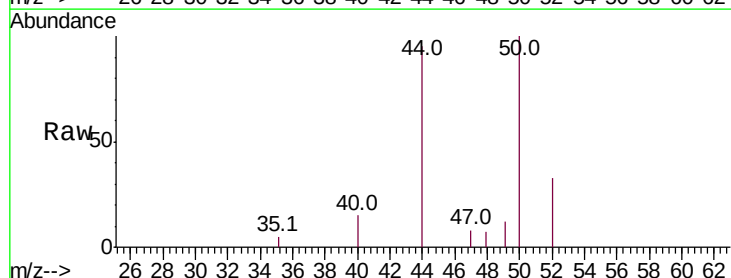
Acq: 2 Aug 2019 14:42

Tgt Ion: 50 Resp: 4072

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.05

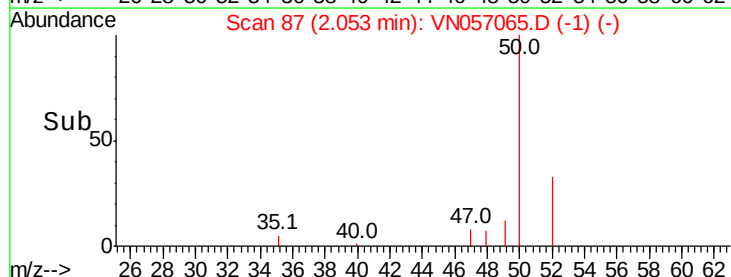
3000

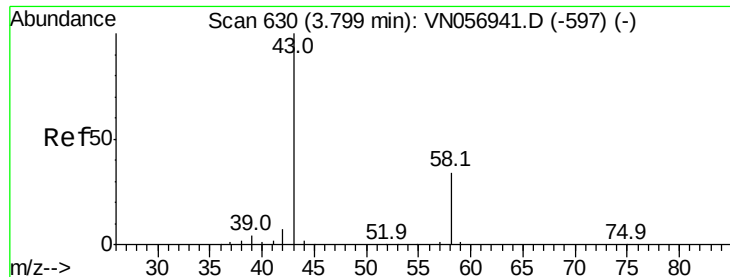
2000

1000

0

Time--> 2.02 2.04 2.06 2.08 2.10





#16

Acetone

Concen: 2.963 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057065.D

Acq: 2 Aug 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

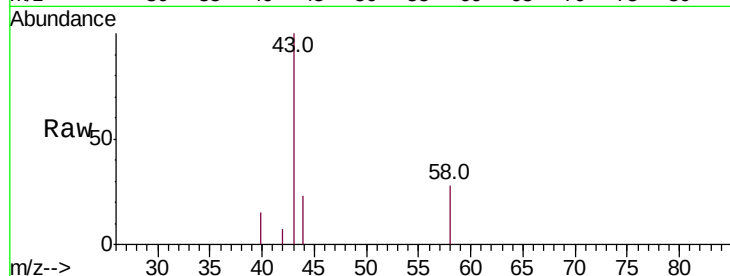
SA-PZ182I-20190731RE

Tot Ion: 43 Resp: 5942

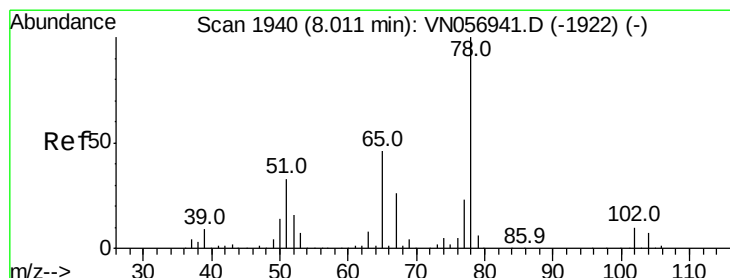
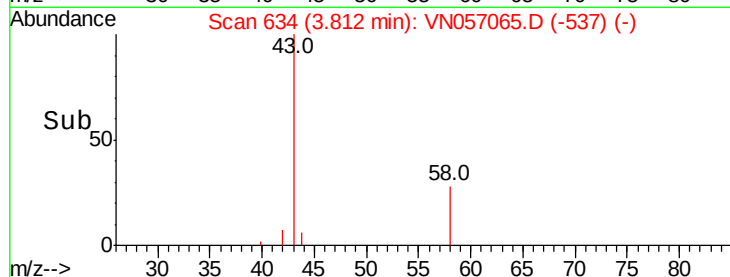
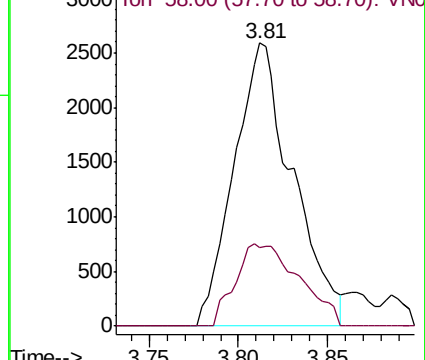
Ion Ratio Lower Upper

43 100

58 27.9 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-597) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.754 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VN057065.D

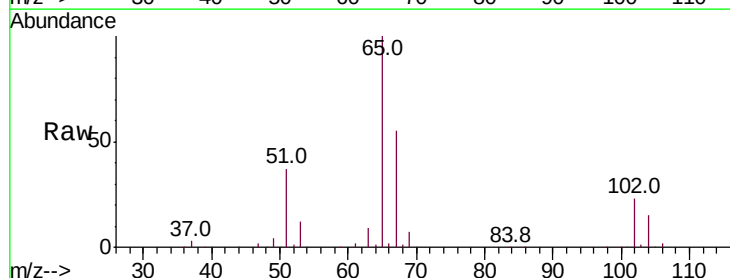
Acq: 2 Aug 2019 14:42

Tgt Ion: 65 Resp: 297553

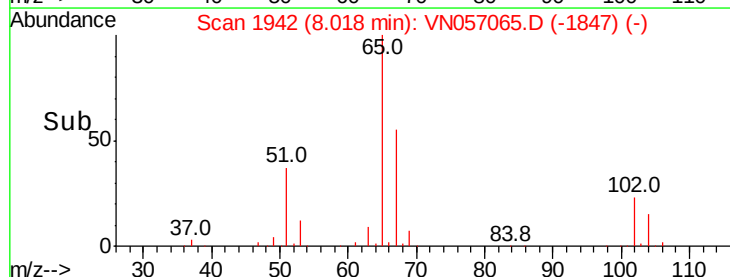
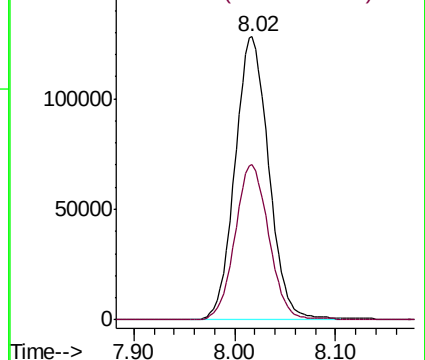
Ion Ratio Lower Upper

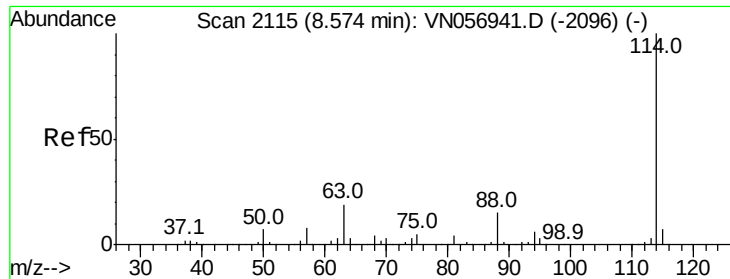
65 100

67 55.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN056941.D (-1922) (-)

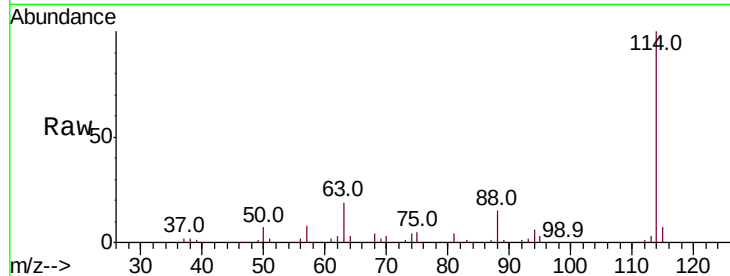




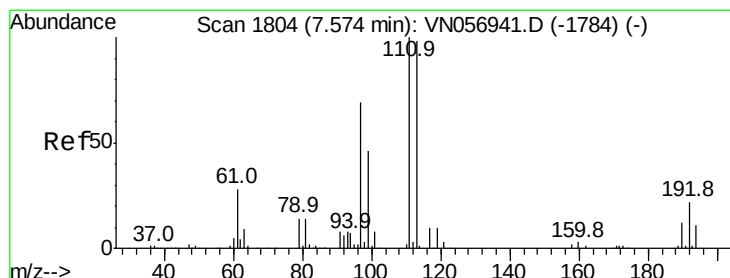
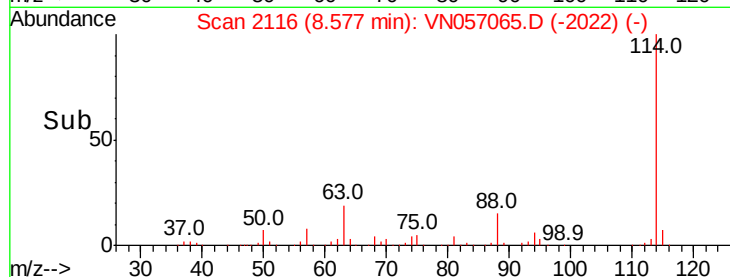
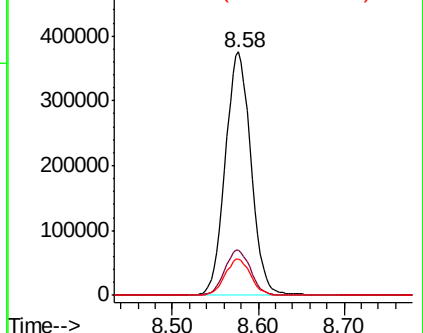
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057065.D
 Acq: 2 Aug 2019 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ182I-20190731RE

Tot Ion:	114	Resp:	781012
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.0
88	15.0	0.0	30.0

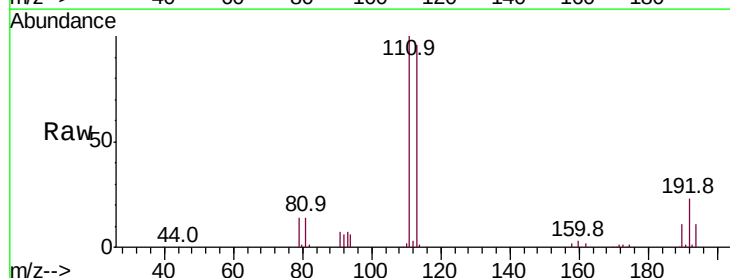


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

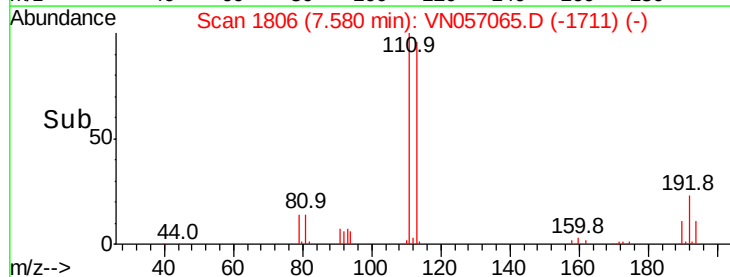
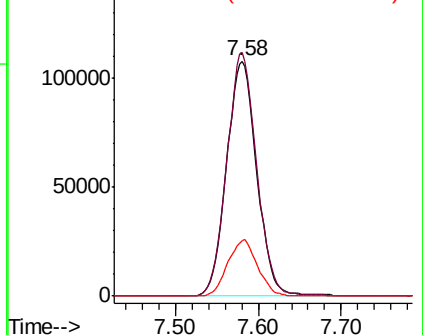


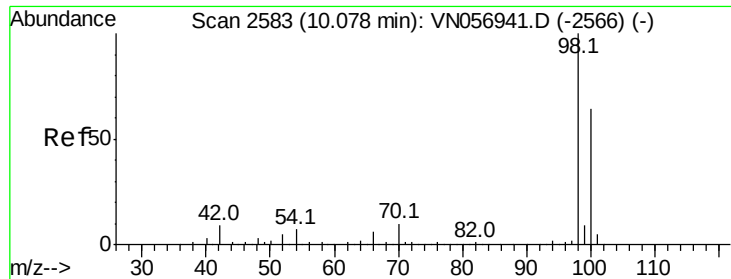
#35
 Dibromofluoromethane
 Concen: 54.582 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057065.D
 Acq: 2 Aug 2019 14:42

Tgt Ion:	113	Resp:	272896
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	23.7	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: 53.678 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057065.D

Acq: 2 Aug 2019 14:42

Instrument :

MSVOA_N

ClientSampleId :

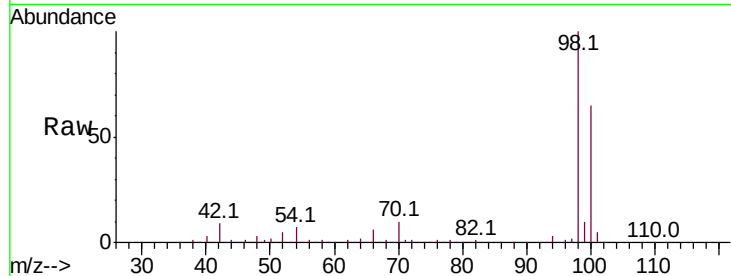
SA-PZ182I-20190731RE

Tot Ion: 98 Resp: 1023453

Ion Ratio Lower Upper

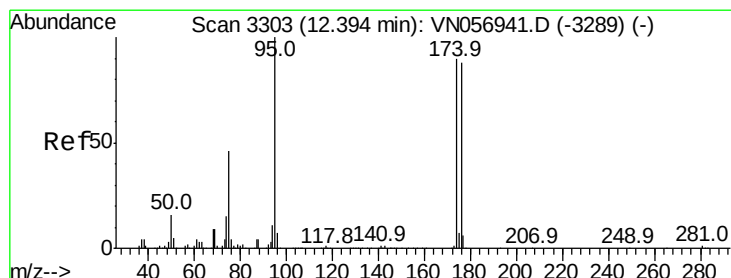
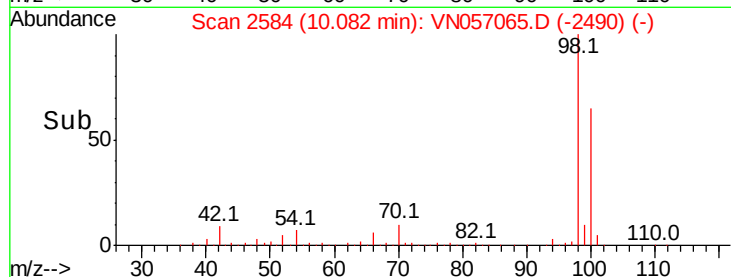
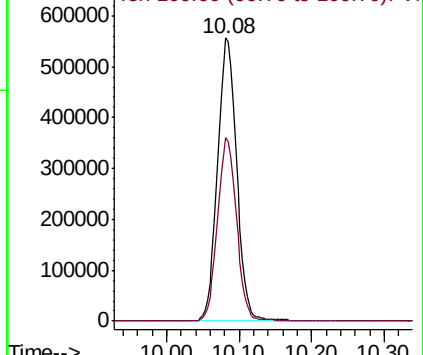
98 100

100 64.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 41.851 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057065.D

Acq: 2 Aug 2019 14:42

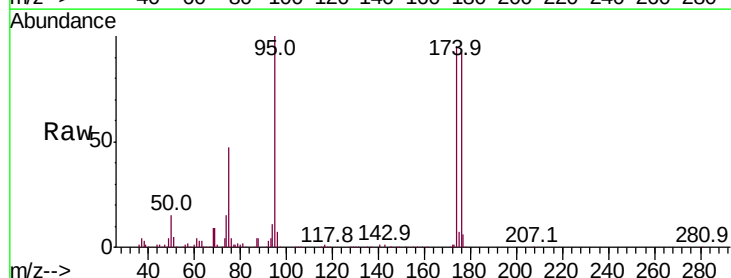
Tgt Ion: 95 Resp: 259769

Ion Ratio Lower Upper

95 100

174 94.8 0.0 182.2

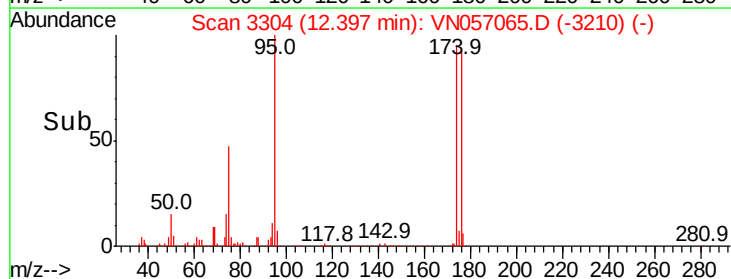
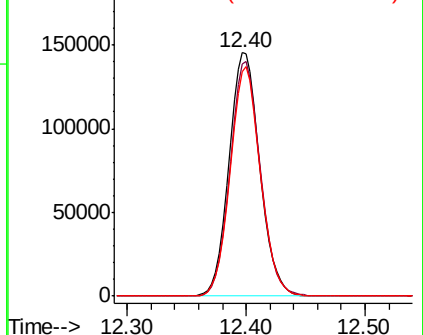
176 92.3 0.0 179.4

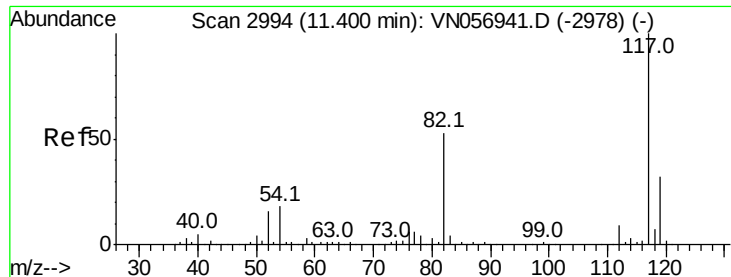


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

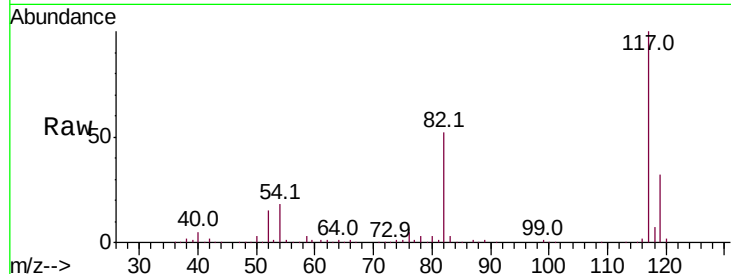




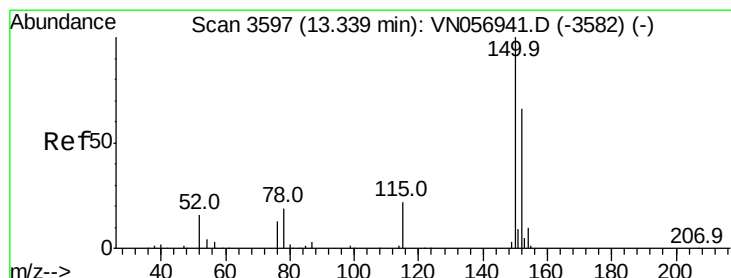
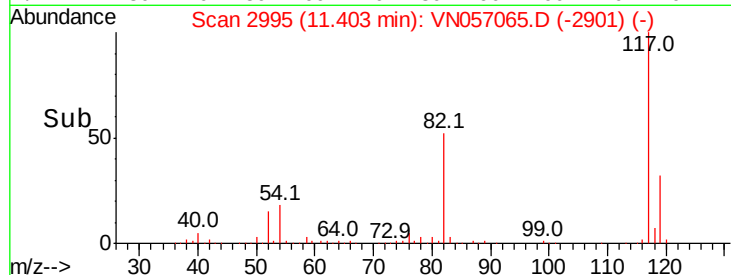
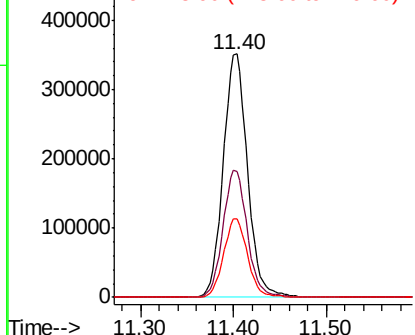
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057065.D
Acq: 2 Aug 2019 14:42

Instrument :
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ClientSampleId :
SA-PZ182I-20190731RE

Tot Ion:117 Resp: 636678
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.4
119 32.3 25.8 38.6

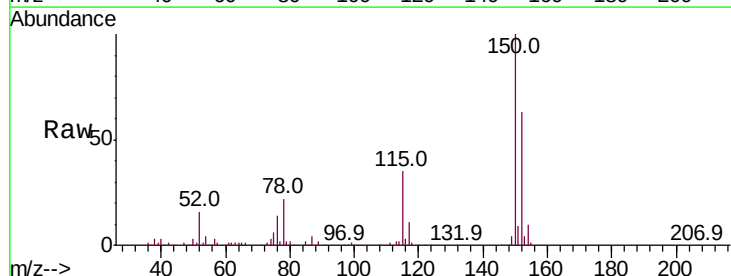


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057065.D
Acq: 2 Aug 2019 14:42

Tgt Ion:152 Resp: 162952
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.6
150 160.9 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

