

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059627.D
 Acq On : 17 Dec 2019 16:14
 Operator : JC/SP
 Sample : K6294-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Dec 18 06:10:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

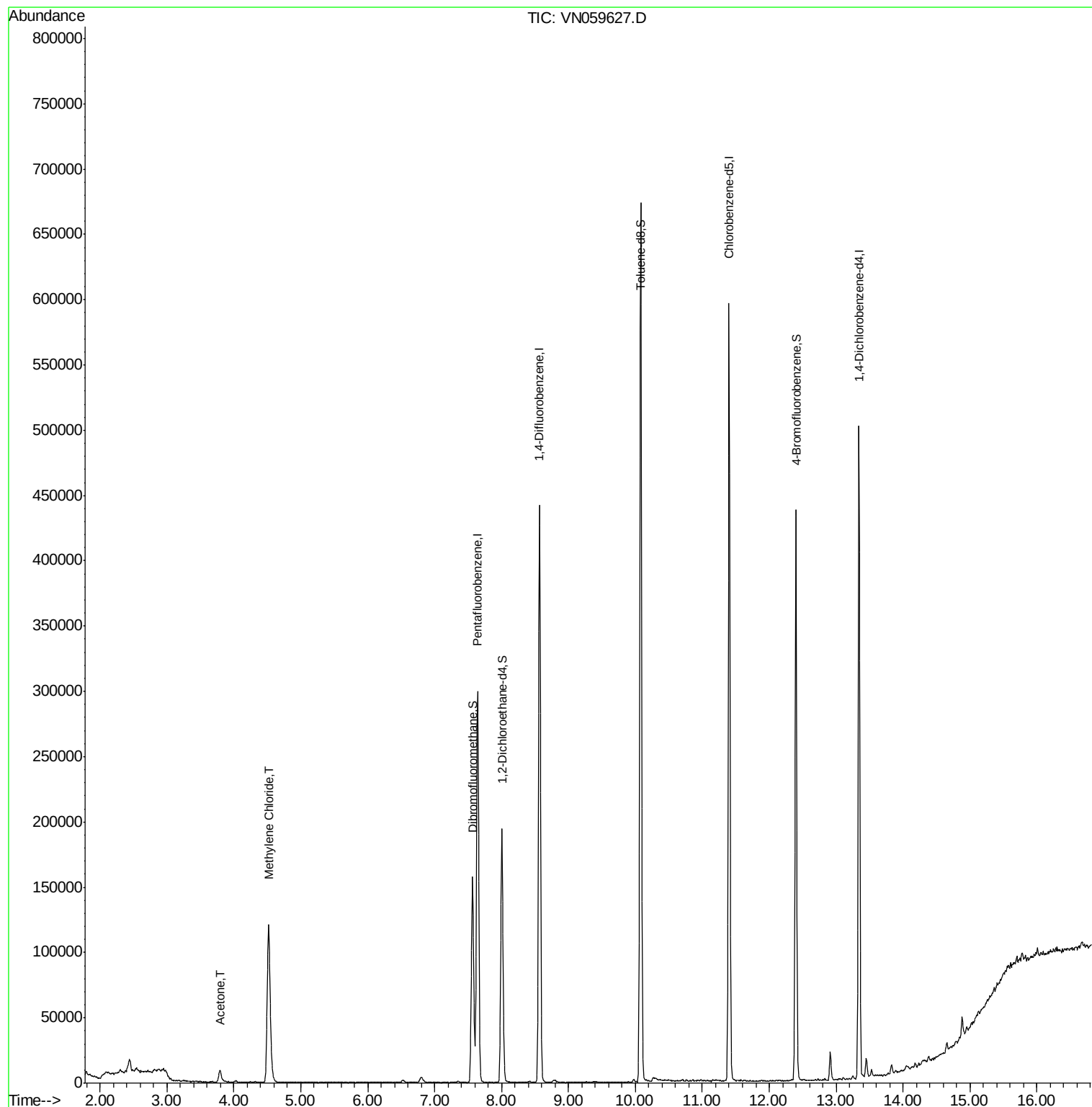
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	233622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	376364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	330097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	126311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	169516	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
35) Dibromofluoromethane	7.57	113	118532	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
50) Toluene-d8	10.08	98	460856	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.40	95	148645	43.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.38%	
Target Compounds						
16) Acetone	3.79	43	16153	8.003	ug/l	100
20) Methylene Chloride	4.52	84	91551	31.407	ug/l	99

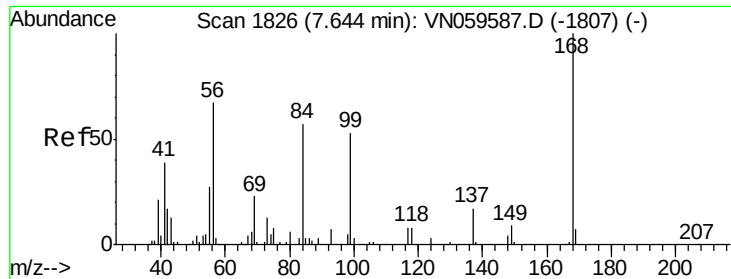
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 13 23:17:39 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059627.D

Acq: 17 Dec 2019 16:14

Instrument :

MSVOA_N

ClientSampled :

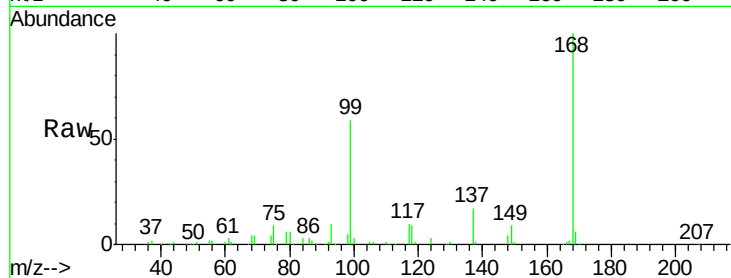
TP-2

Tot Ion:168 Resp: 233622

Ion Ratio Lower Upper

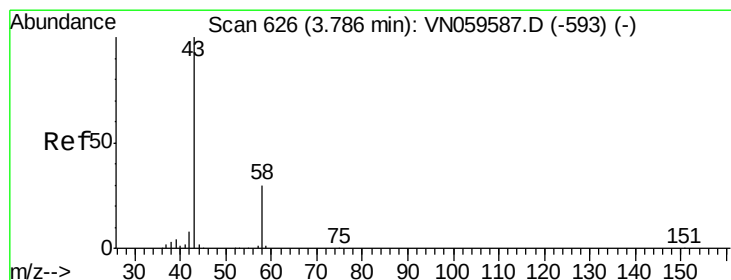
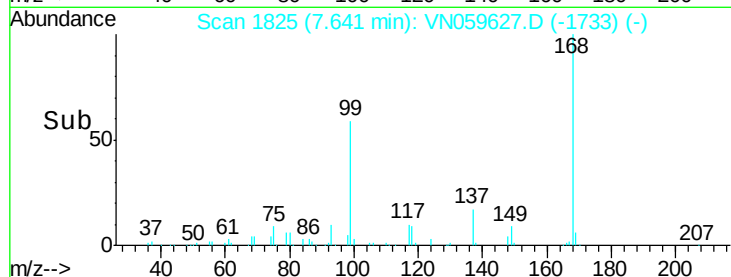
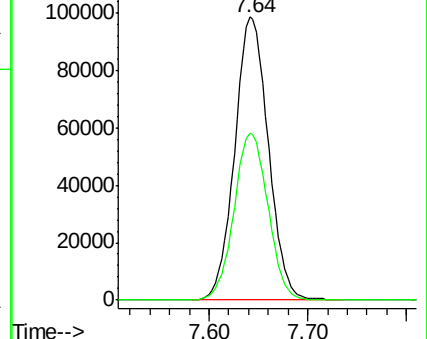
168 100

99 59.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 8.003 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059627.D

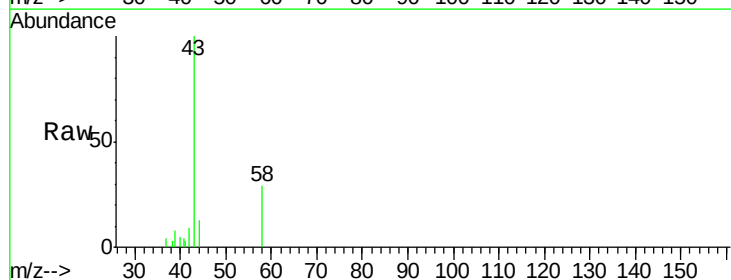
Acq: 17 Dec 2019 16:14

Tgt Ion: 43 Resp: 16153

Ion Ratio Lower Upper

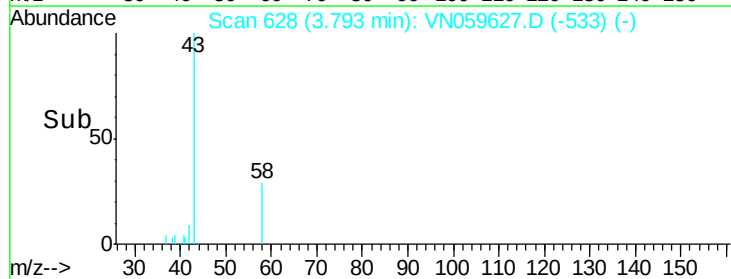
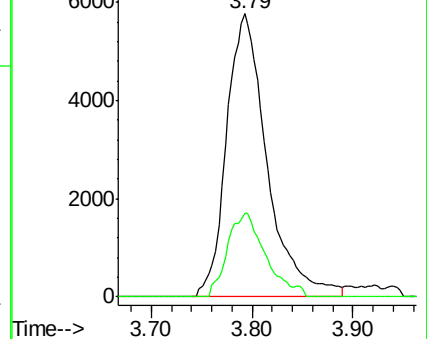
43 100

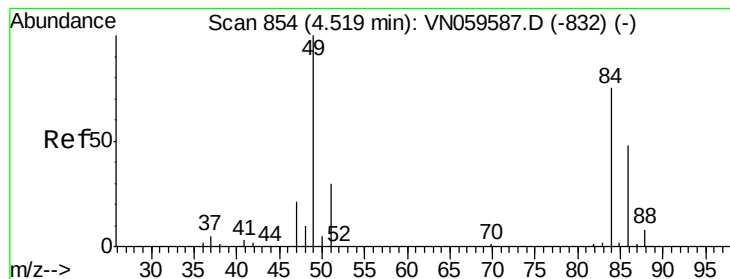
58 29.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 31.407 ug/l

RT: 4.52 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN059627.D

Acq: 17 Dec 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

TP-2

Tot Ion: 84 Resp: 91551

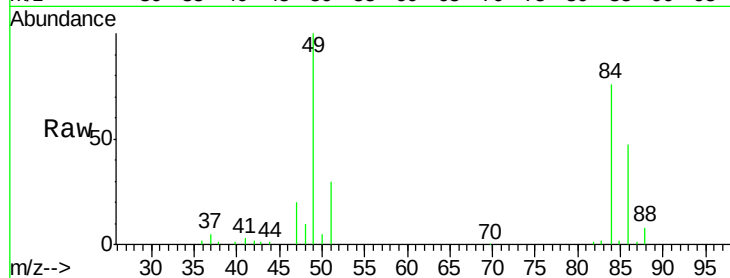
Ion Ratio Lower Upper

84 100

49 132.2 106.6 160.0

51 39.2 31.9 47.9

86 61.5 50.8 76.2

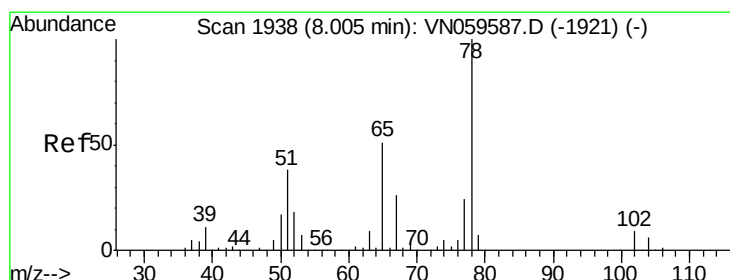
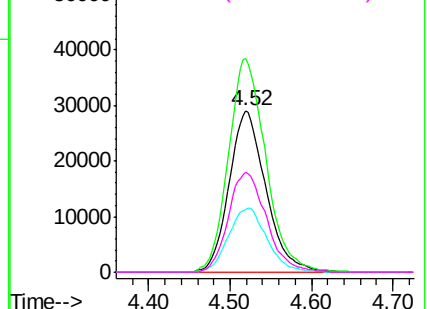
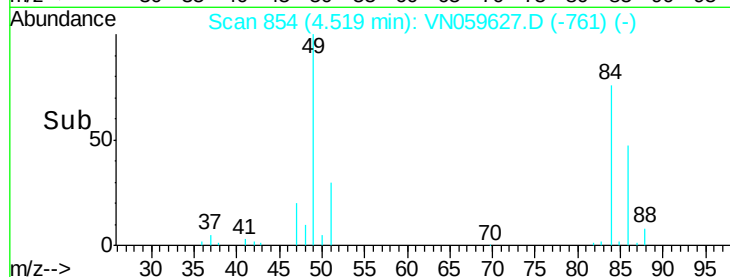


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 49.864 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059627.D

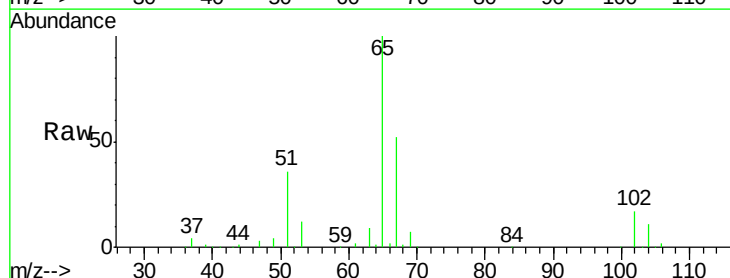
Acq: 17 Dec 2019 16:14

Tgt Ion: 65 Resp: 169516

Ion Ratio Lower Upper

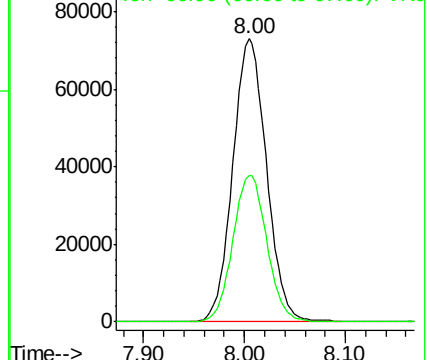
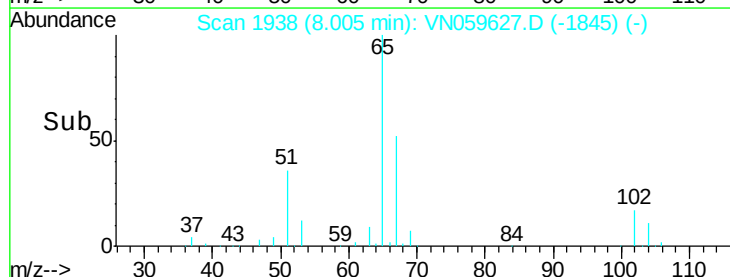
65 100

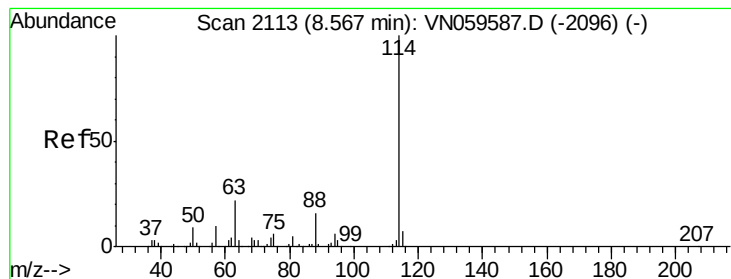
67 52.3 0.0 103.0



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: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059627.D

Acq: 17 Dec 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

TP-2

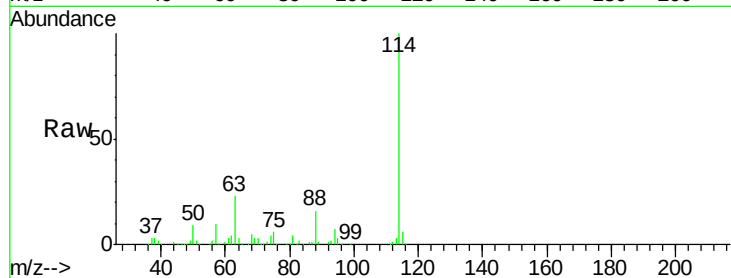
Tot Ion:114 Resp: 376364

Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.6

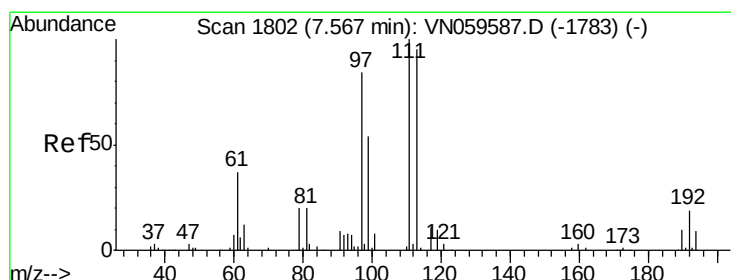
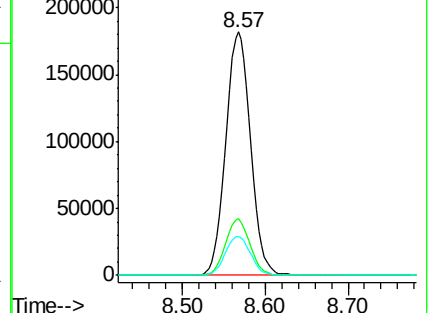
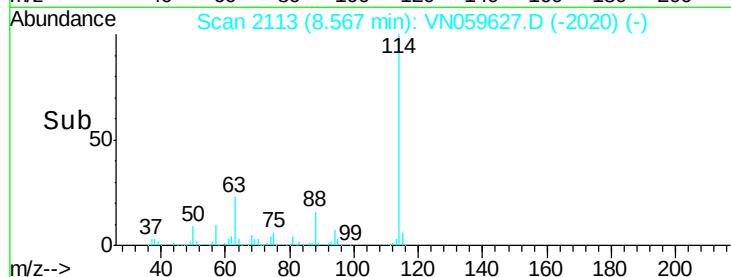
88 16.1 0.0 31.4



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: 50.335 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059627.D

Acq: 17 Dec 2019 16:14

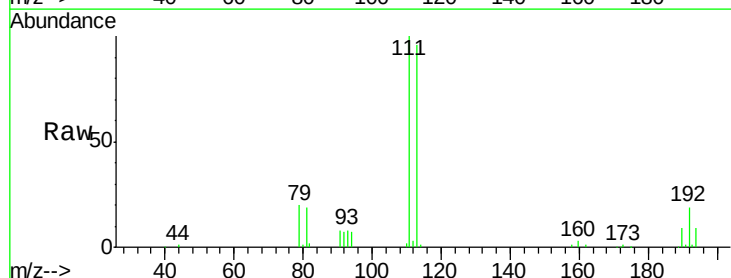
Tgt Ion:113 Resp: 118532

Ion Ratio Lower Upper

113 100

111 103.7 83.5 125.3

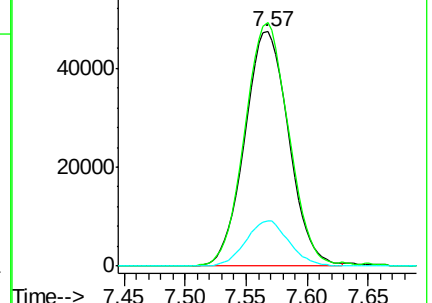
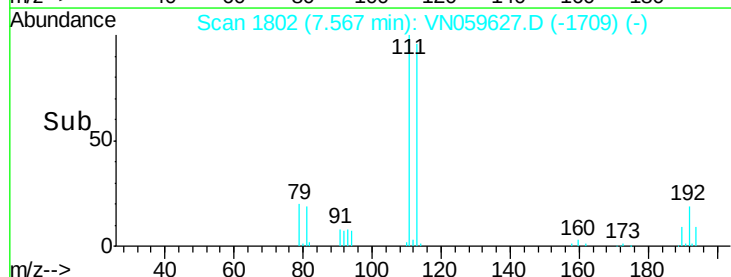
192 19.0 15.4 23.2

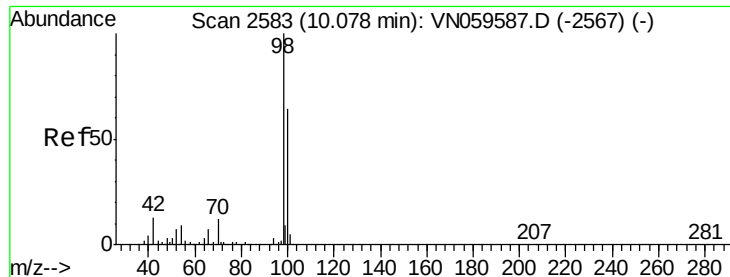


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

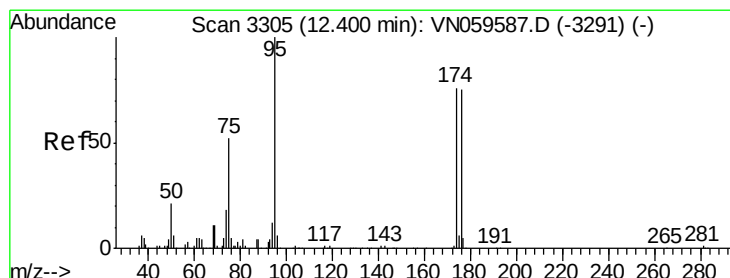
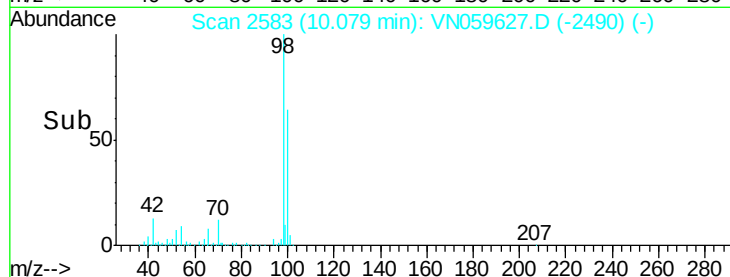
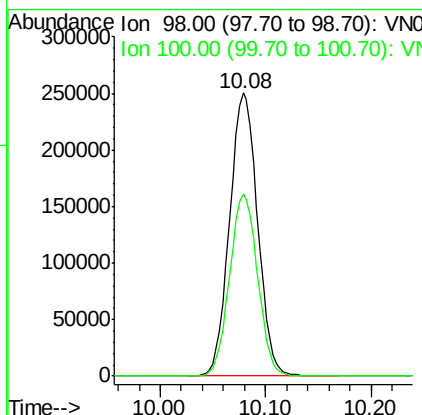
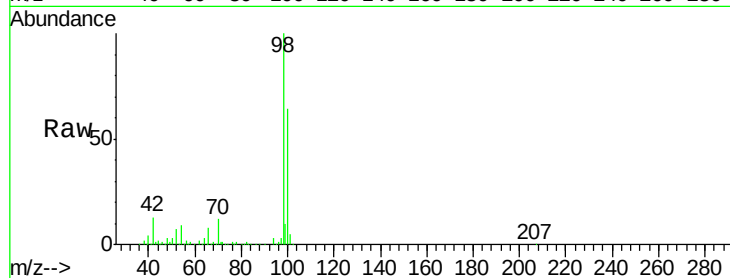




#50
Toluene-d8
Concen: 49.431 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059627.D
Acq: 17 Dec 2019 16:14

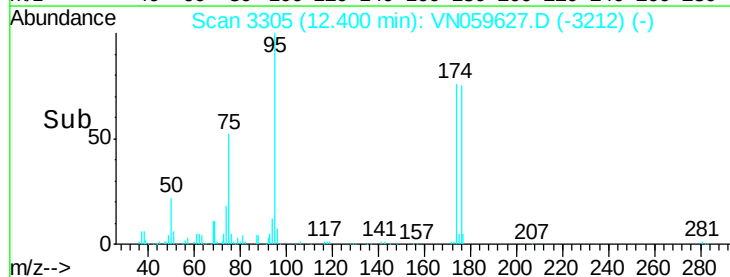
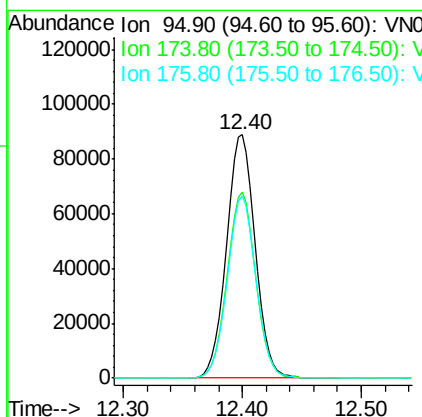
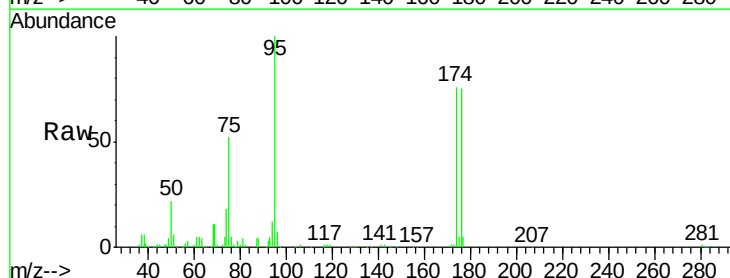
Instrument :
MSVOA_N
ClientSampled :
TP-2

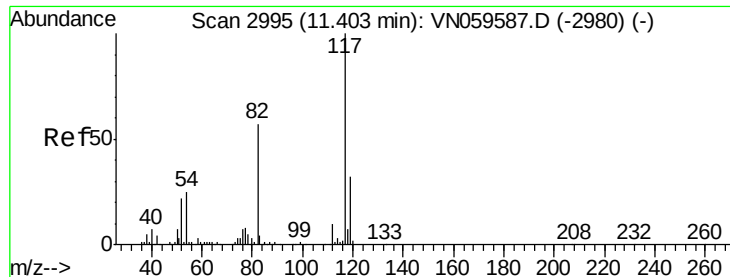
Tot Ion: 98 Resp: 460856
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 43.694 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN059627.D
Acq: 17 Dec 2019 16:14

Tgt Ion: 95 Resp: 148645
Ion Ratio Lower Upper
95 100
174 76.1 0.0 151.4
176 74.4 0.0 146.0

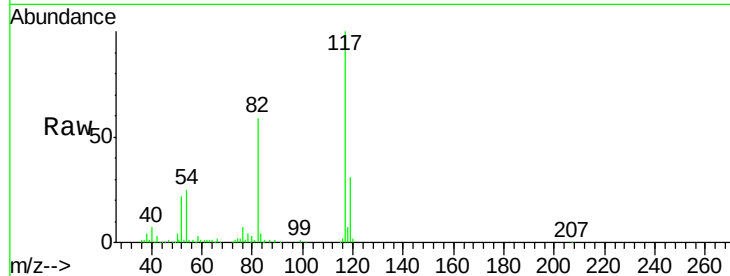




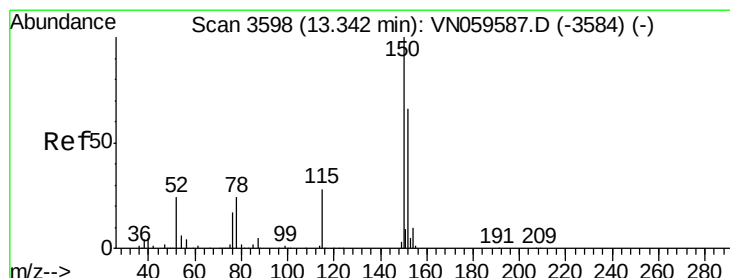
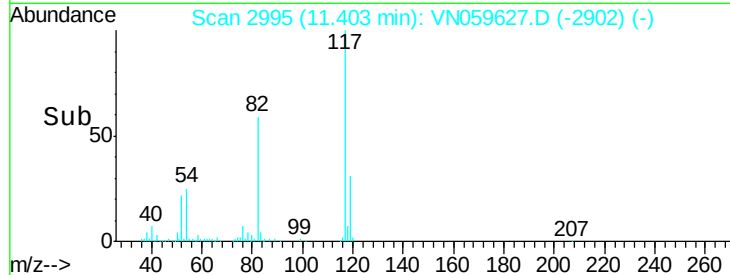
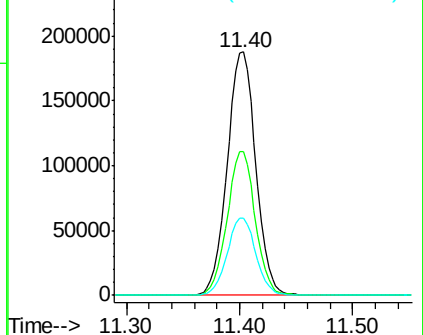
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059627.D
Acq: 17 Dec 2019 16:14

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion:117 Resp: 330097
Ion Ratio Lower Upper
117 100
82 58.9 45.9 68.9
119 31.5 25.5 38.3

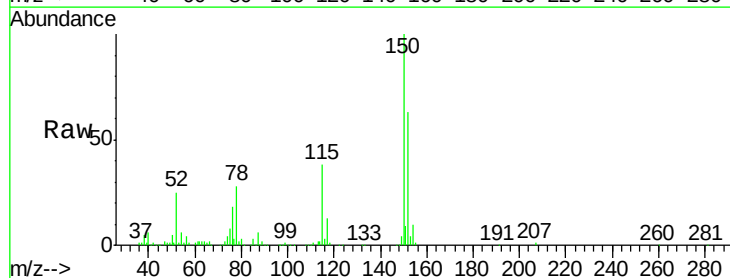


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN059627.D
Acq: 17 Dec 2019 16:14

Tgt Ion:152 Resp: 126311
Ion Ratio Lower Upper
152 100
115 61.5 30.3 90.9
150 159.7 0.0 345.2



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

