

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058025.D
 Acq On : 13 Sep 2019 18:39
 Operator : JC/SP
 Sample : K4680-34
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T3-2-(1.5)

Quant Time: Sep 14 04:55:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

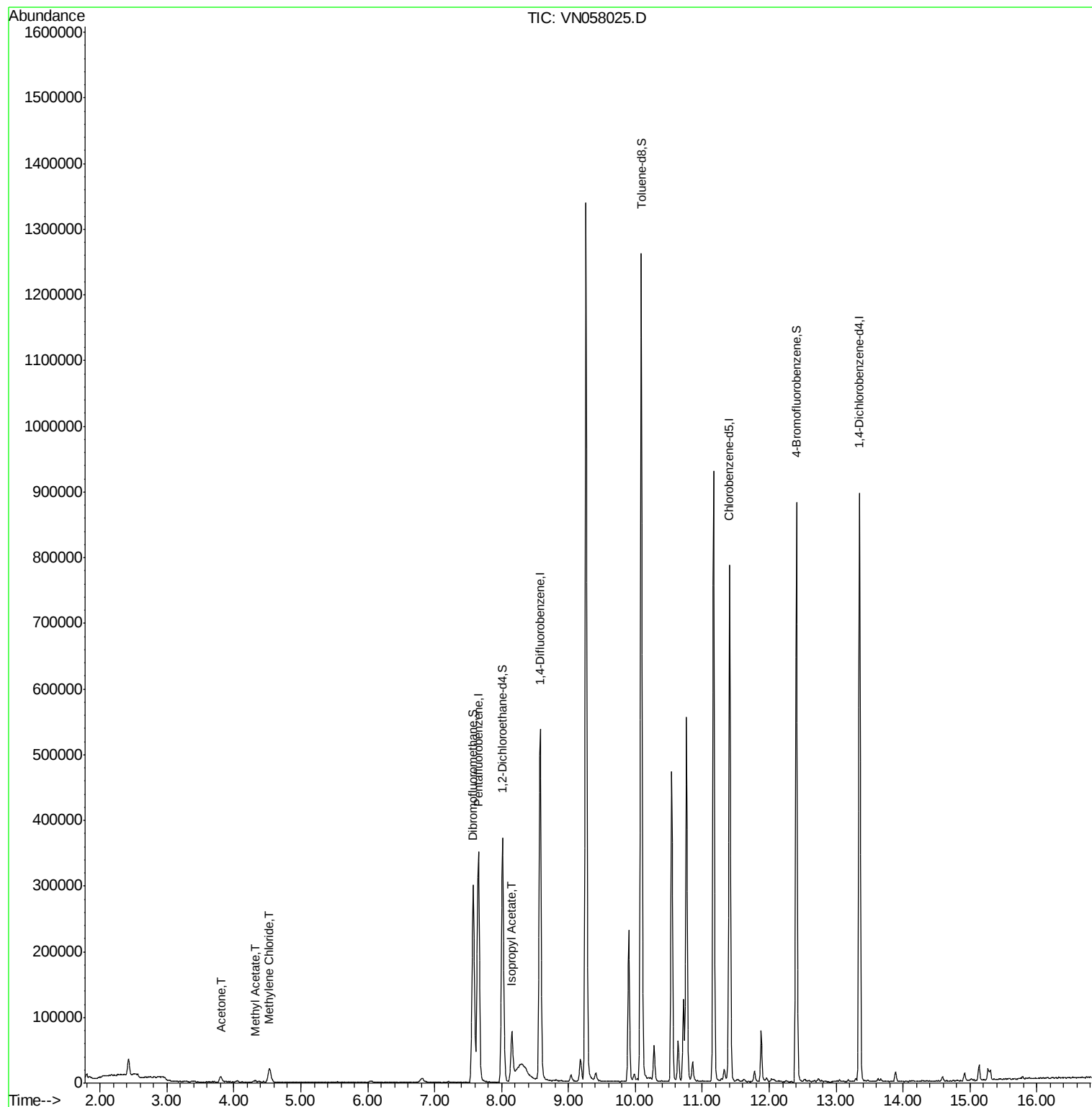
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	271635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	456839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	424131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	225238	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	323942	58.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.76%	
35) Dibromofluoromethane	7.58	113	226914	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
50) Toluene-d8	10.09	98	846927	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.41	95	293219	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
Target Compounds						
16) Acetone	3.80	43	15159	8.405	ug/l	99
18) Methyl Acetate	4.31	43	3788	0.788	ug/l #	74
20) Methylene Chloride	4.53	84	15769	3.447	ug/l	97
43) Isopropyl Acetate	8.16	43	99657	10.826	ug/l #	88

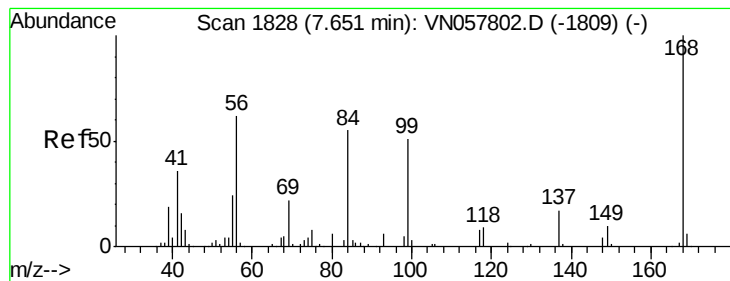
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 14 04:55:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058025.D

Acq: 13 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampled :

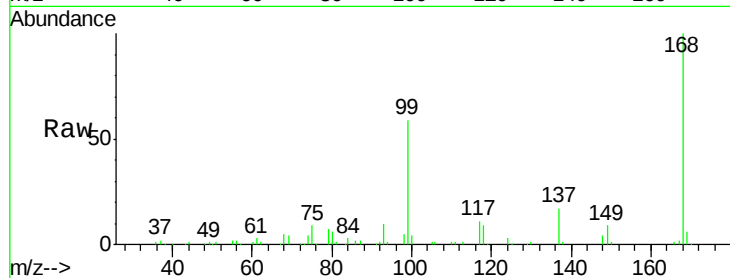
T3-2-(1.5)

Tot Ion:168 Resp: 271635

Ion Ratio Lower Upper

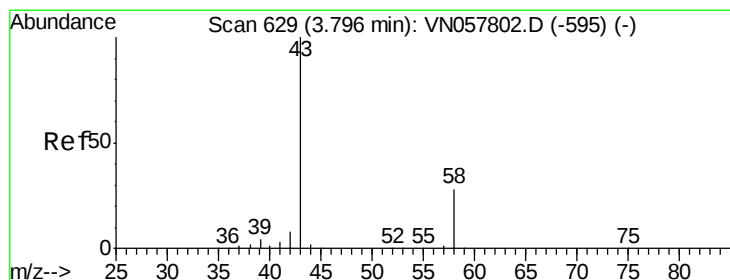
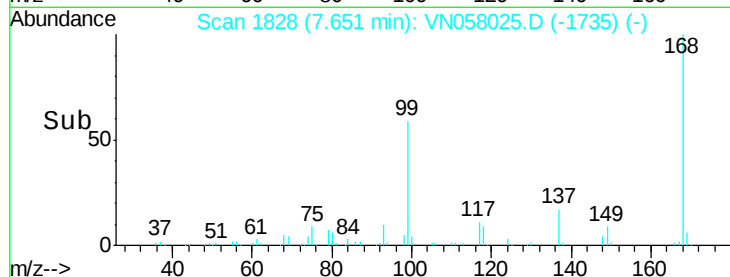
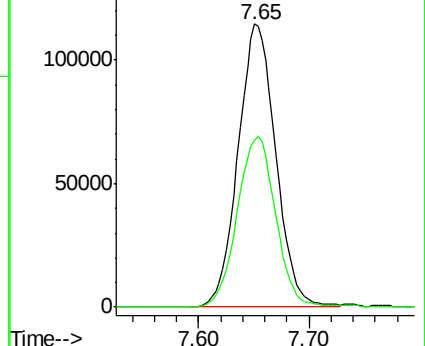
168 100

99 59.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 8.405 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058025.D

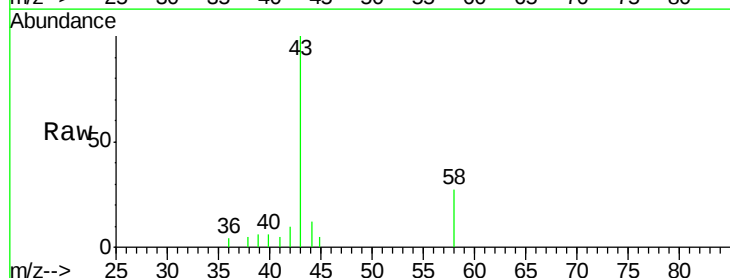
Acq: 13 Sep 2019 18:39

Tgt Ion: 43 Resp: 15159

Ion Ratio Lower Upper

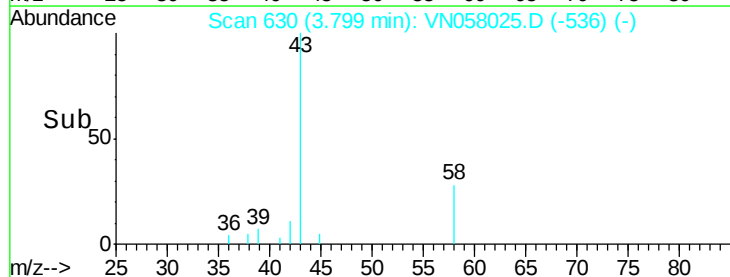
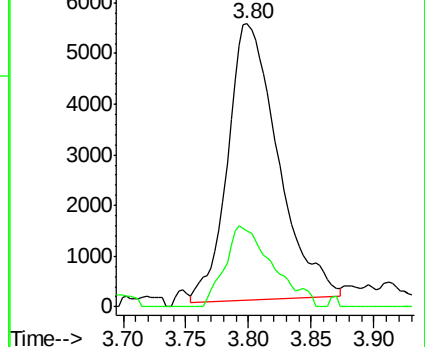
43 100

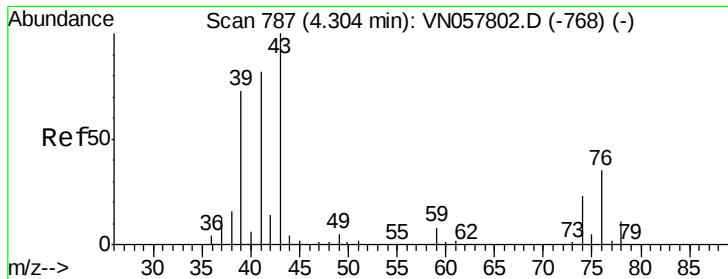
58 28.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#18

Methyl Acetate

Concen: 0.788 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN058025.D

Acq: 13 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampled :

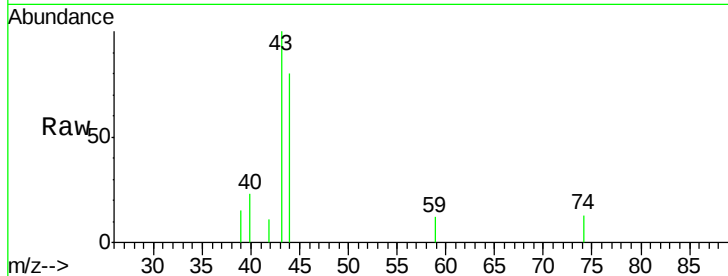
T3-2-(1.5)

Tot Ion: 43 Resp: 3788

Ion Ratio Lower Upper

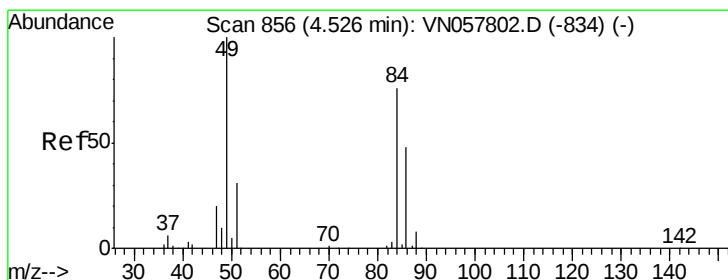
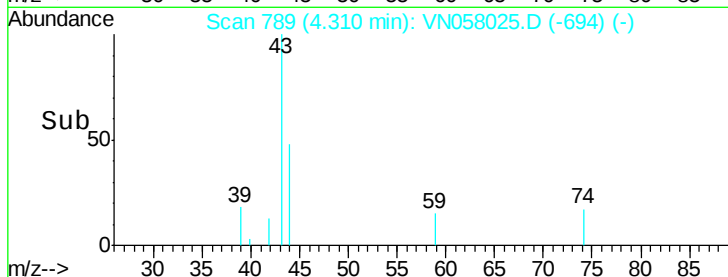
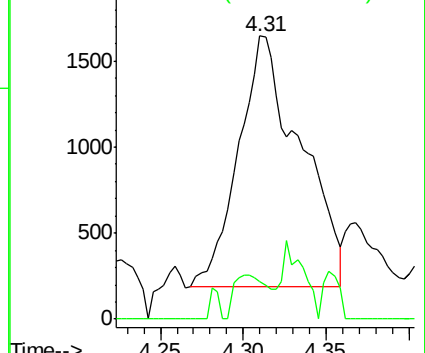
43 100

74 10.1 17.9 26.9#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC



#20

Methylene Chloride

Concen: 3.447 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058025.D

Acq: 13 Sep 2019 18:39

Tgt Ion: 84 Resp: 15769

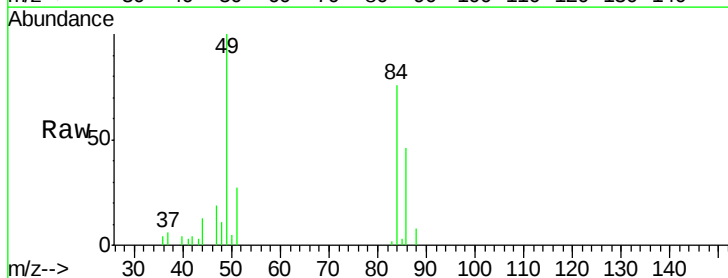
Ion Ratio Lower Upper

84 100

49 131.8 104.8 157.2

51 35.5 33.0 49.4

86 60.8 50.5 75.7

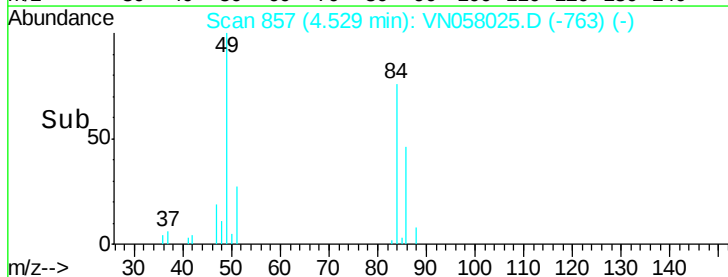
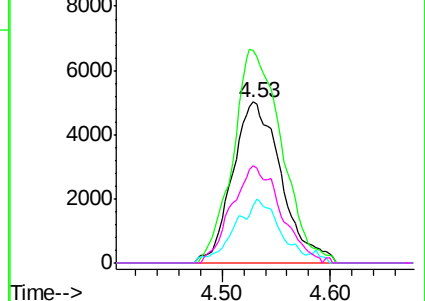


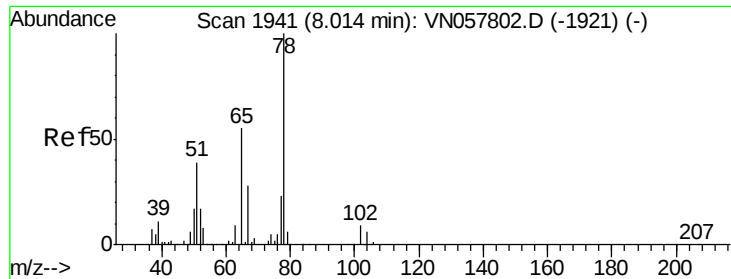
Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC





#33

1,2-Dichloroethane-d4

Concen: 58.880 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058025.D

Acq: 13 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

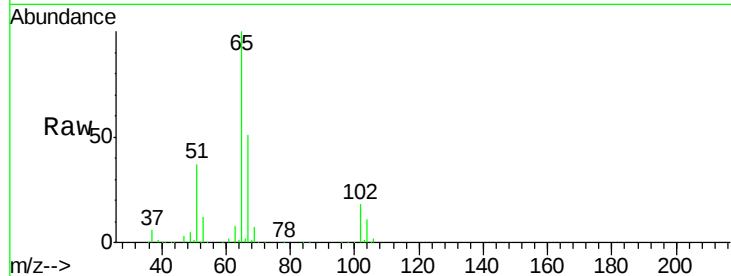
T3-2-(1.5)

Tot Ion: 65 Resp: 323942

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN058025.D (-1848) (-)

Ion 66.90 (66.60 to 67.60): VN058025.D (-1848) (-)

8.01

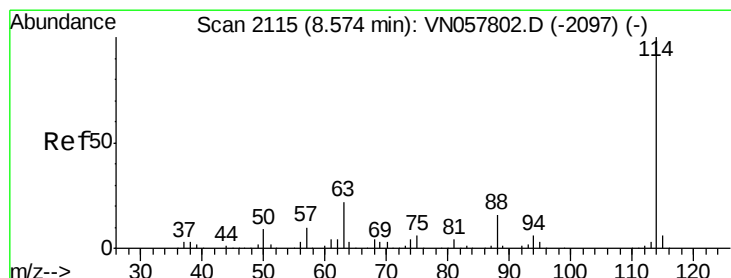
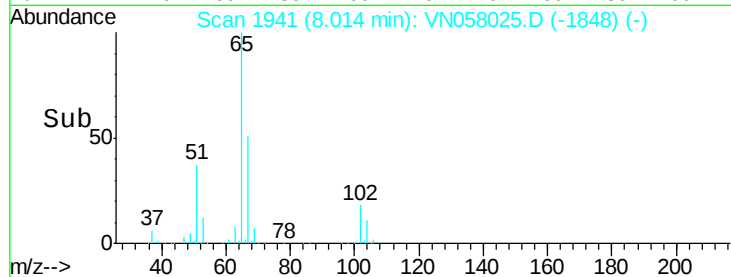
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN058025.D

Acq: 13 Sep 2019 18:39

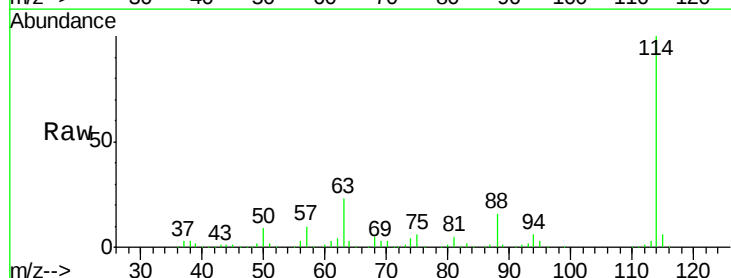
Tgt Ion: 114 Resp: 456839

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.0

88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN058025.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN058025.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN058025.D (-2022) (-)

8.58

300000

250000

200000

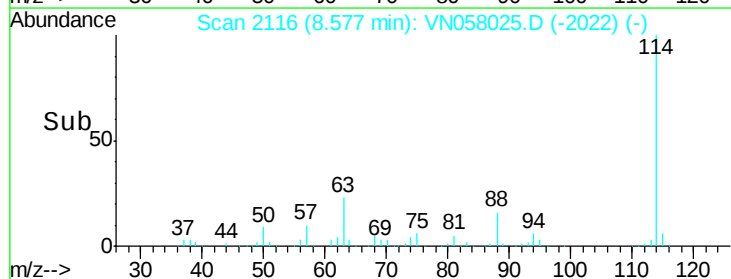
150000

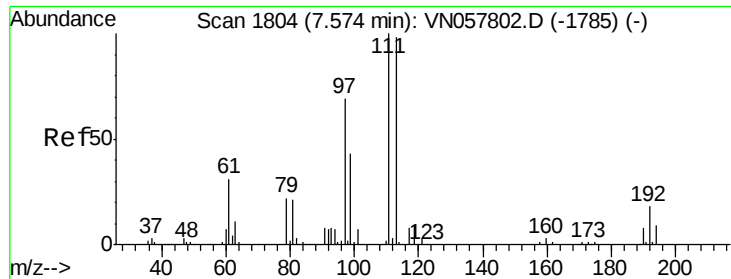
100000

50000

0

Time-->

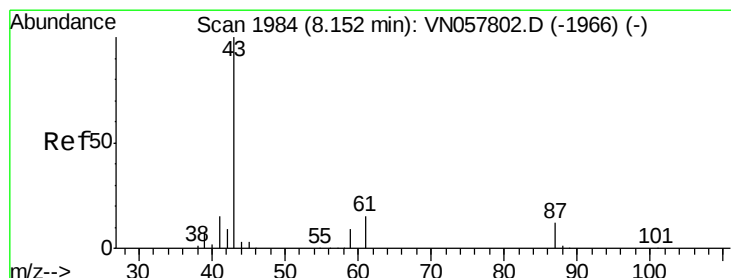
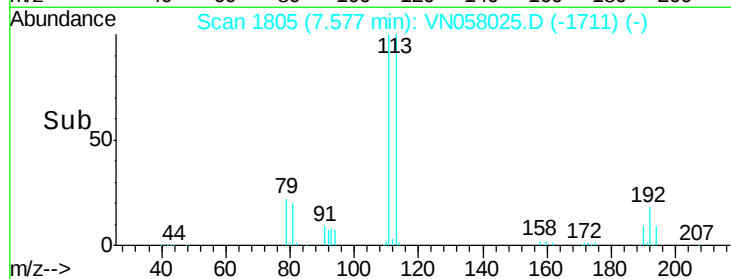
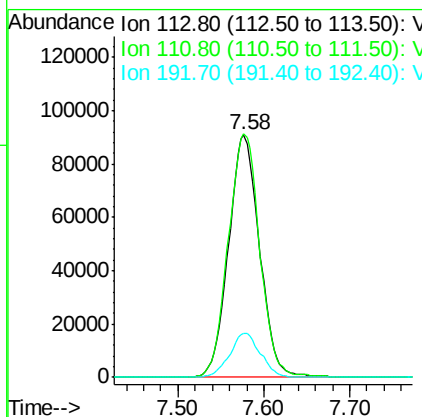
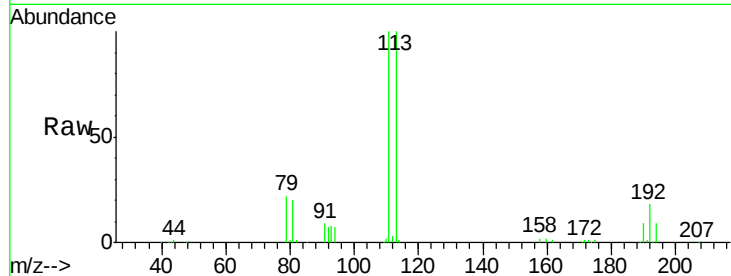




#35
 Dibromofluoromethane
 Concen: 53.816 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058025.D
 Acq: 13 Sep 2019 18:39

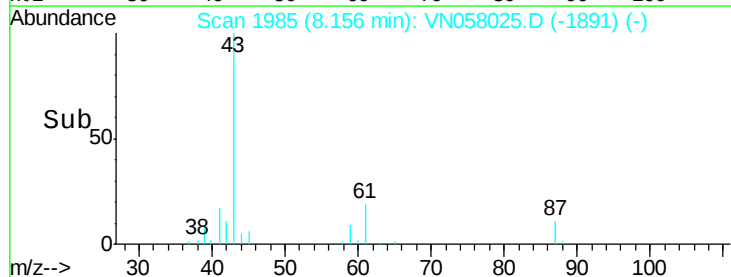
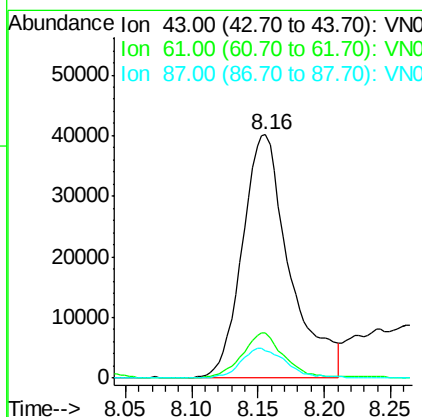
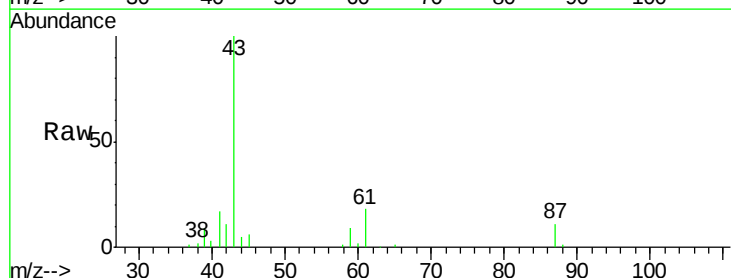
Instrument :
 MSVOA_N
 ClientSampleId :
 T3-2-(1.5)

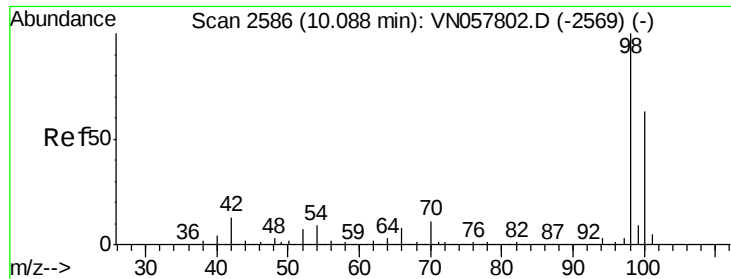
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.3	121.9
192	18.1	14.6	22.0



#43
 Isopropyl Acetate
 Concen: 10.826 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN058025.D
 Acq: 13 Sep 2019 18:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.5	20.1	30.1#
87	11.5	9.5	14.3





#50

Toluene-d8

Concen: 51.735 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN058025.D

Acq: 13 Sep 2019 18:39

Instrument :

MSVOA_N

ClientSampleId :

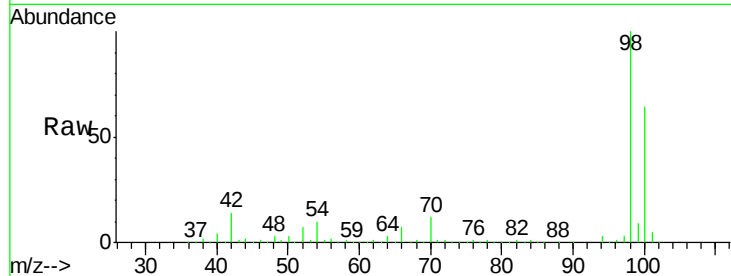
T3-2-(1.5)

Tot Ion: 98 Resp: 846927

Ion Ratio Lower Upper

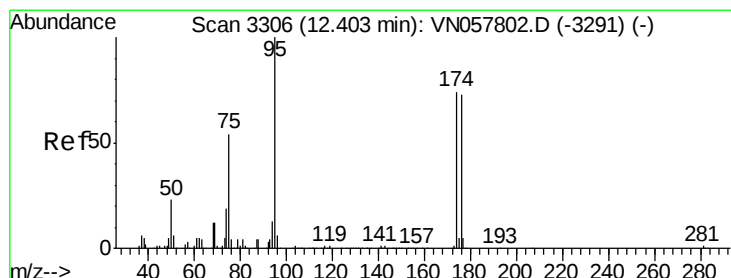
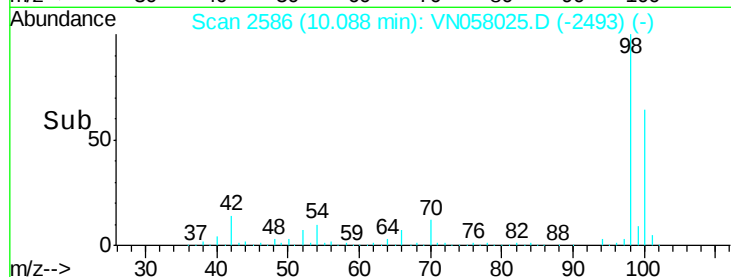
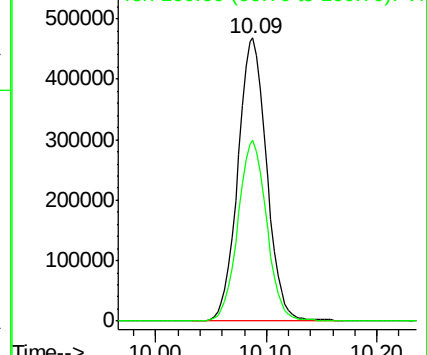
98 100

100 63.9 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 47.001 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058025.D

Acq: 13 Sep 2019 18:39

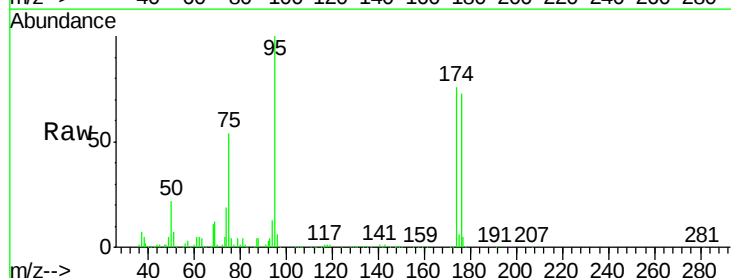
Tgt Ion: 95 Resp: 293219

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

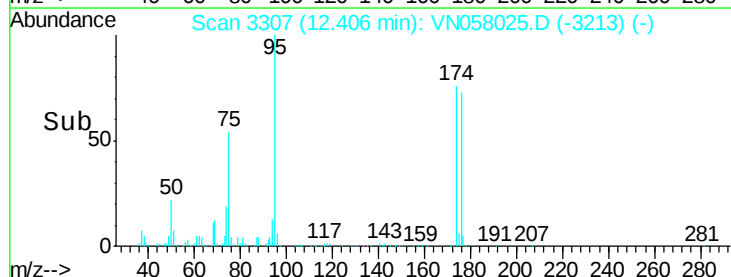
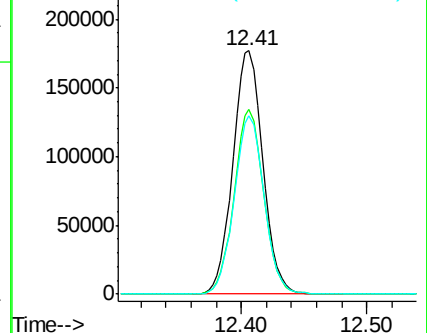
176 73.1 0.0 146.0

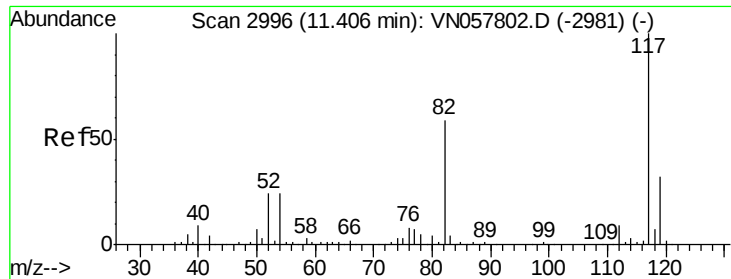


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

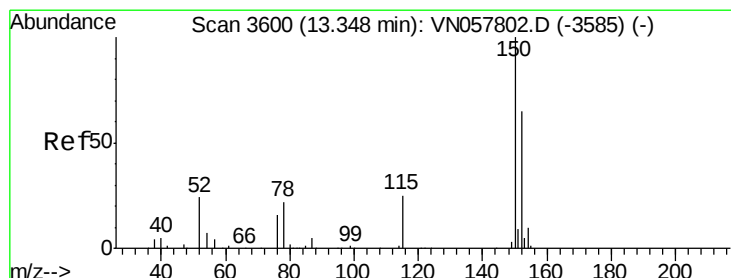
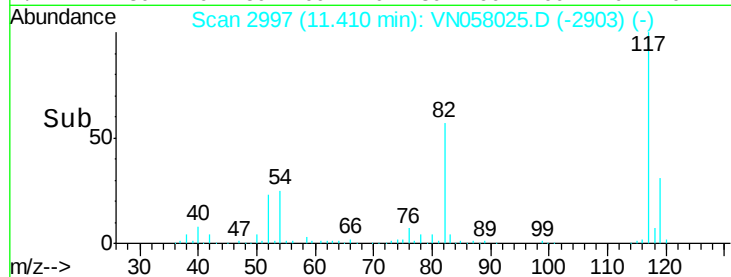
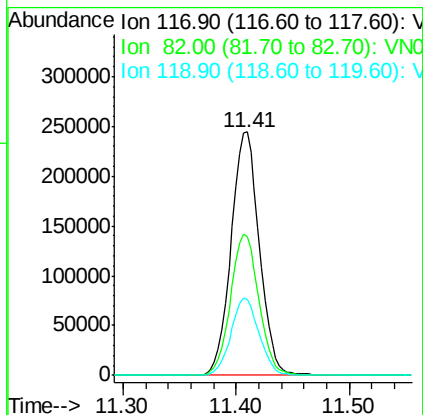
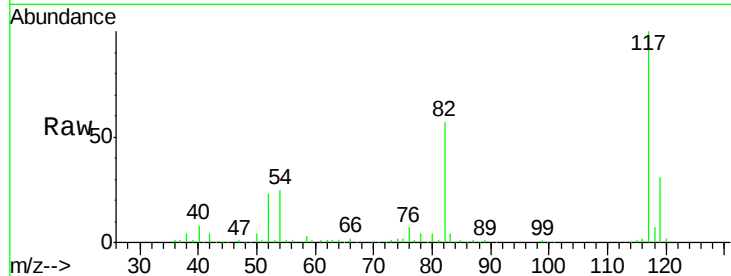




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058025.D
Acq: 13 Sep 2019 18:39

Instrument :
MSVOA_N
ClientSampleId :
T3-2-(1.5)

Tot Ion:117 Resp: 424131
Ion Ratio Lower Upper
117 100
82 57.1 47.2 70.8
119 31.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058025.D
Acq: 13 Sep 2019 18:39

Tgt Ion:152 Resp: 225238
Ion Ratio Lower Upper
152 100
115 60.6 30.3 91.0
150 157.5 0.0 352.4

