

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081819\
 Data File : VN057372.D
 Acq On : 16 Aug 2019 22:49
 Operator : JC/SP
 Sample : K4356-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Aug 17 04:23:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

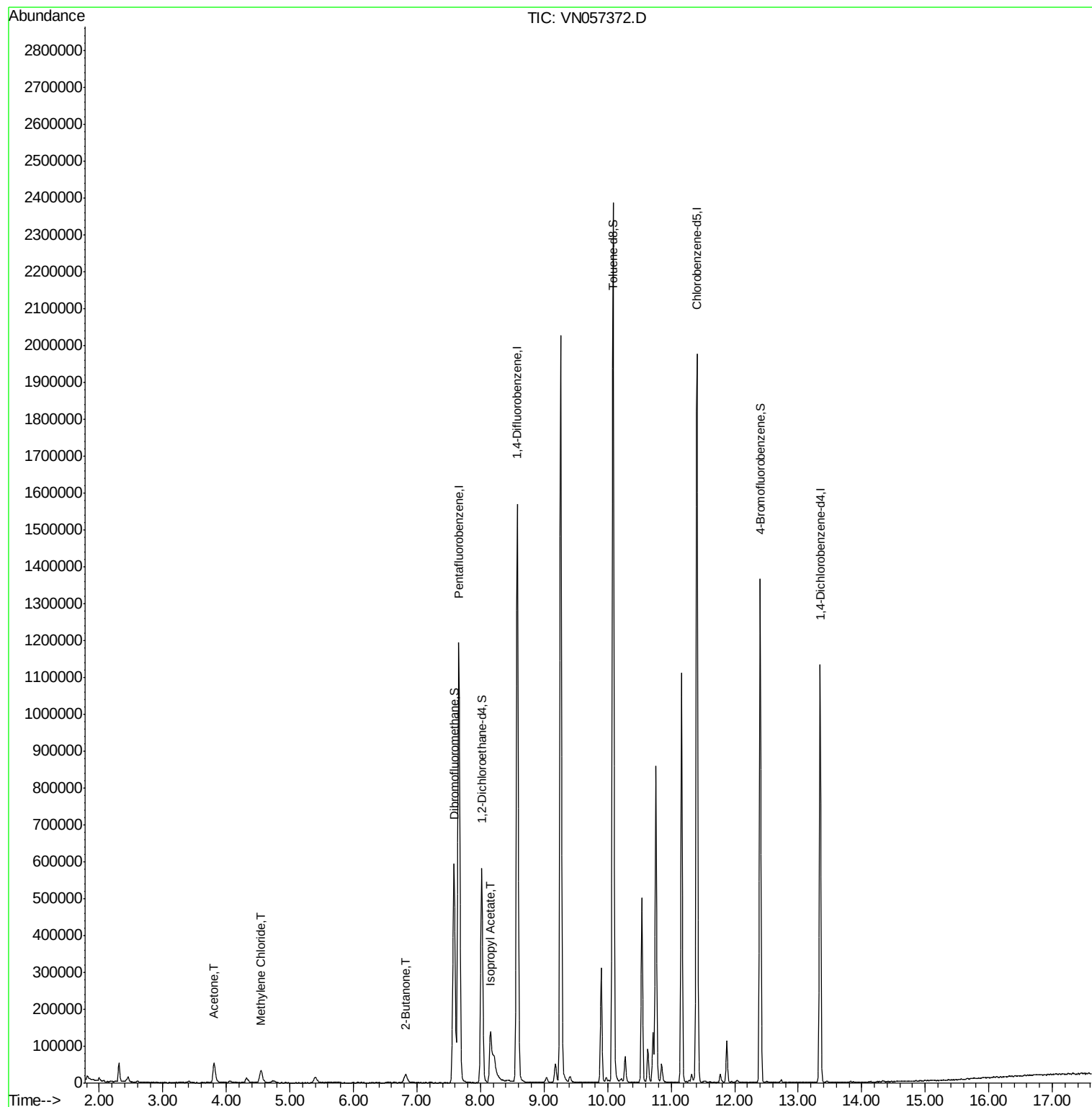
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1095356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1521300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1276444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	332861	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	497776	41.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.60%	
35) Dibromofluoromethane	7.58	113	460171	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
50) Toluene-d8	10.09	98	1769992	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.40	95	471597	36.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.18%	
Target Compounds						
16) Acetone	3.81	43	88924	21.527	ug/l	97
20) Methylene Chloride	4.55	84	28718	2.485	ug/l	85
25) 2-Butanone	6.82	43	35015	5.854	ug/l	97
43) Isopropyl Acetate	8.16	43	178810	7.939	ug/l #	82

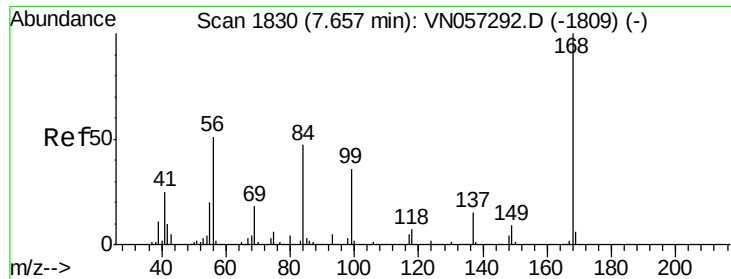
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081819\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057372.D

Acq: 16 Aug 2019 22:49

Instrument :

MSVOA_N

ClientSampled :

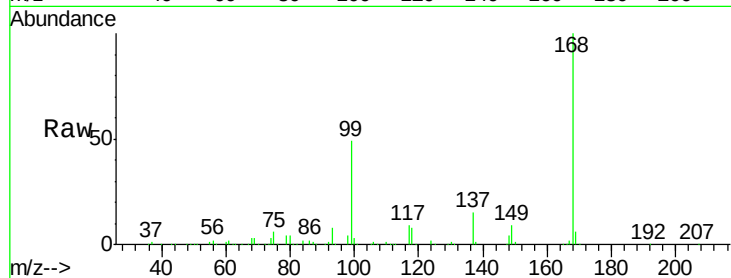
TP-3

Tot Ion:168 Resp: 1095356

Ion Ratio Lower Upper

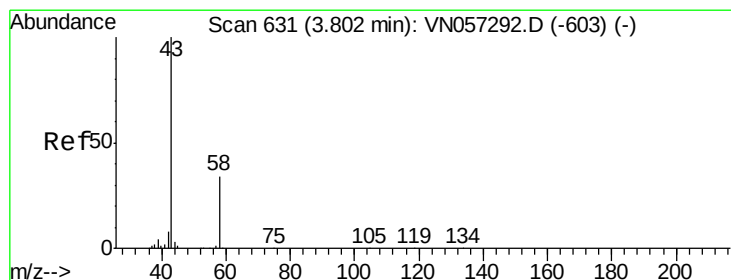
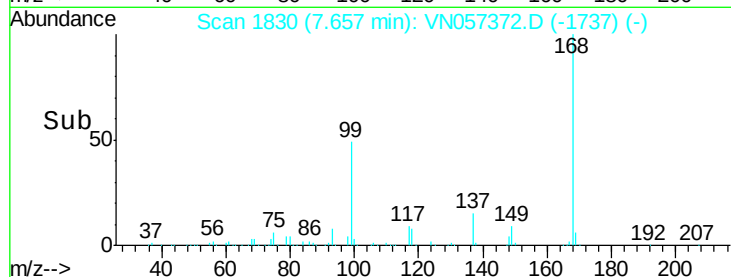
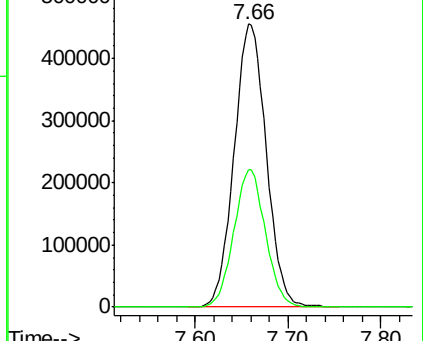
168 100

99 48.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 21.527 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN057372.D

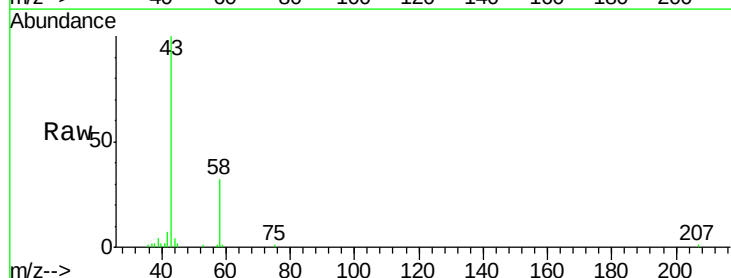
Acq: 16 Aug 2019 22:49

Tgt Ion: 43 Resp: 88924

Ion Ratio Lower Upper

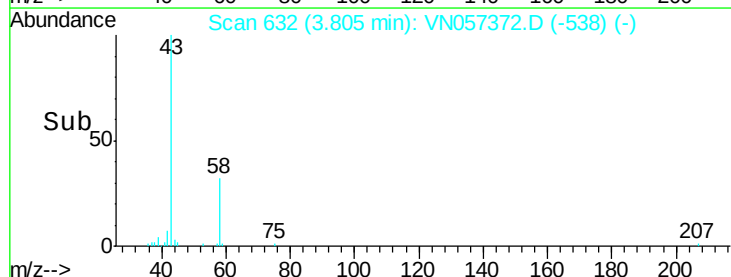
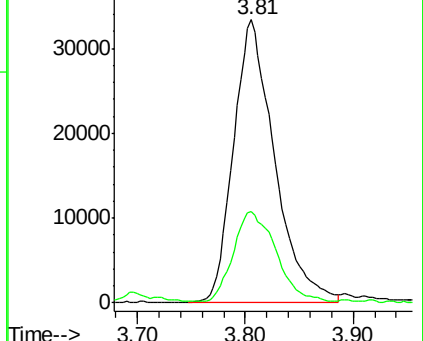
43 100

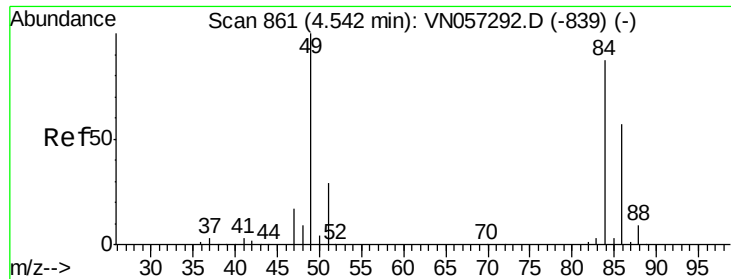
58 31.8 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

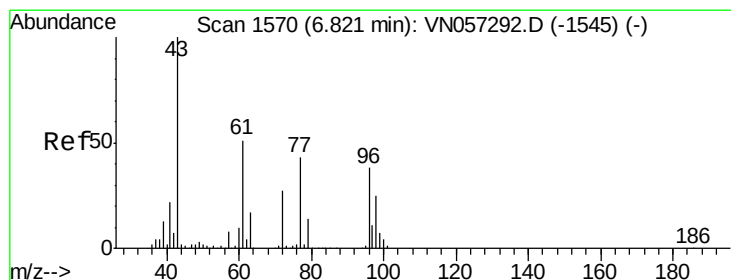
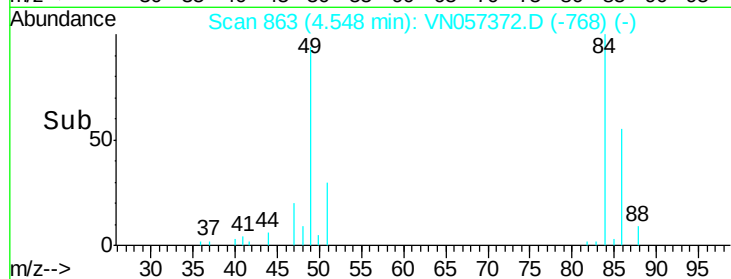
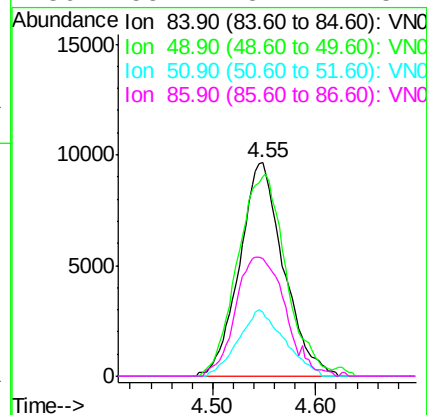
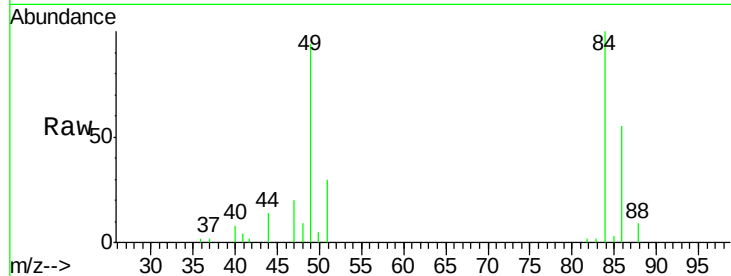




#20
Methvlene Chloride
Concen: 2.485 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

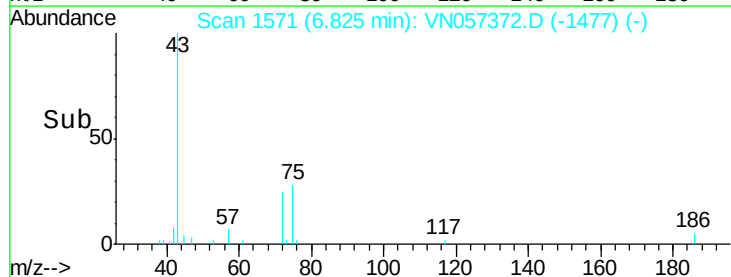
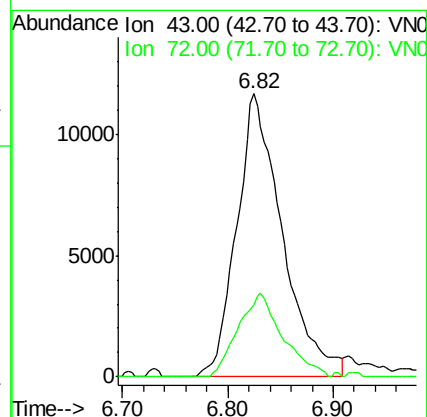
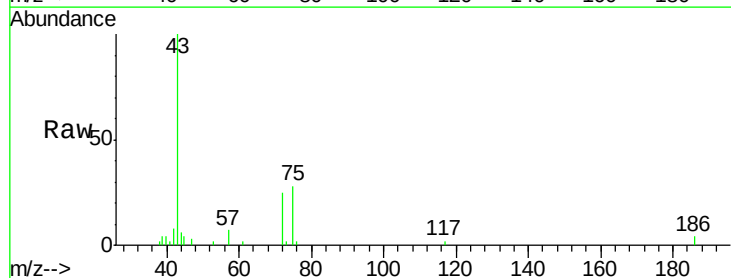
Instrument :
MSVOA_N
ClientSampled :
TP-3

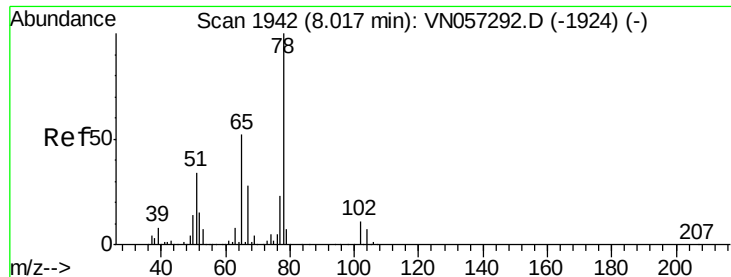
Tot Ion:	84	Resp:	28718
Ion	Ratio	Lower	Upper
84	100		
49	93.7	92.0	138.0
51	30.2	27.1	40.7
86	55.4	52.2	78.2



#25
2-Butanone
Concen: 5.854 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

Tgt Ion:	43	Resp:	35015
Ion	Ratio	Lower	Upper
43	100		
72	25.5	21.5	32.3

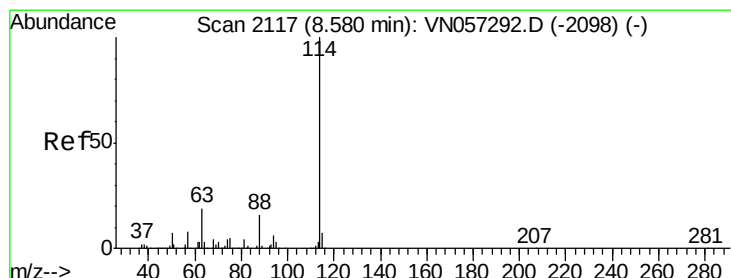
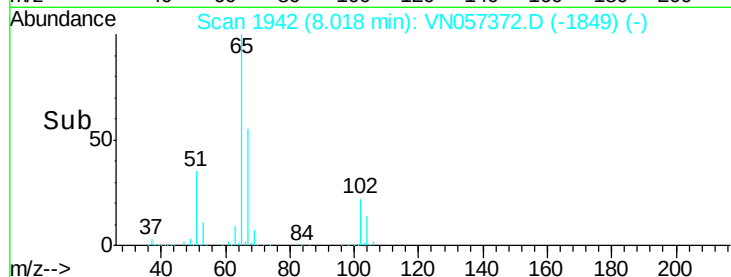
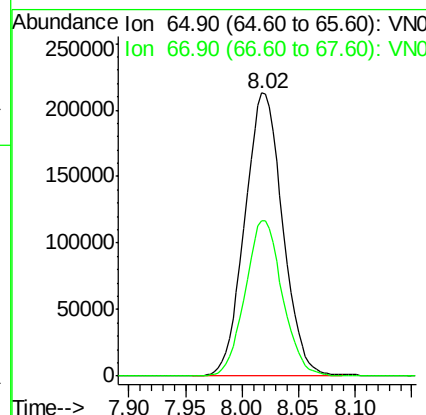
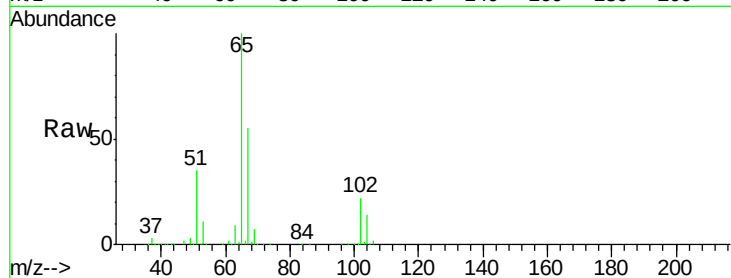




#33
 1,2-Dichloroethane-d4
 Concen: 41.803 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057372.D
 Acq: 16 Aug 2019 22:49

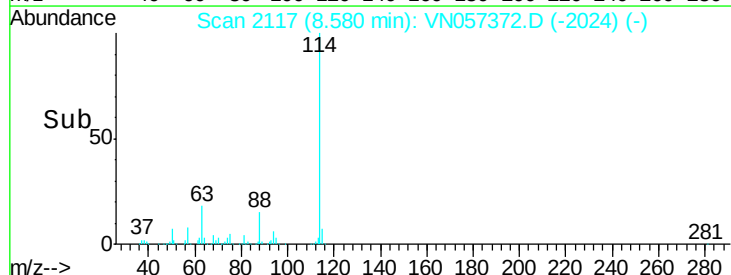
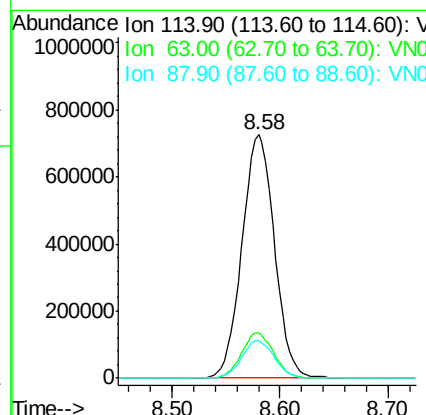
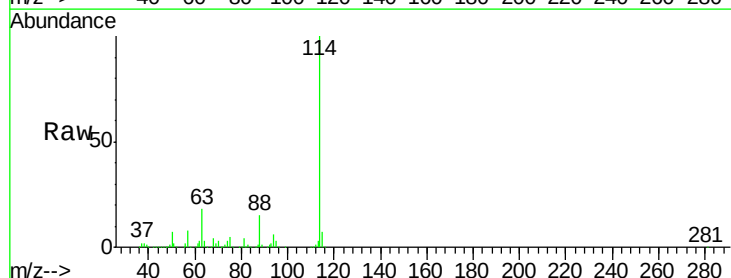
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

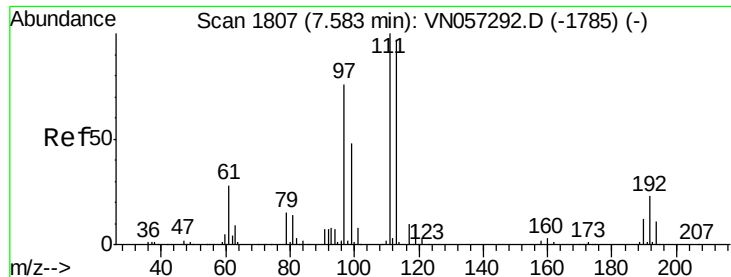
Tot Ion: 65 Resp: 497776
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057372.D
 Acq: 16 Aug 2019 22:49

Tgt Ion: 114 Resp: 1521300
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.8
 88 15.3 0.0 31.4

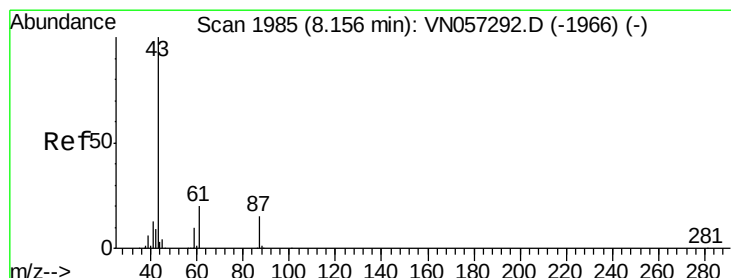
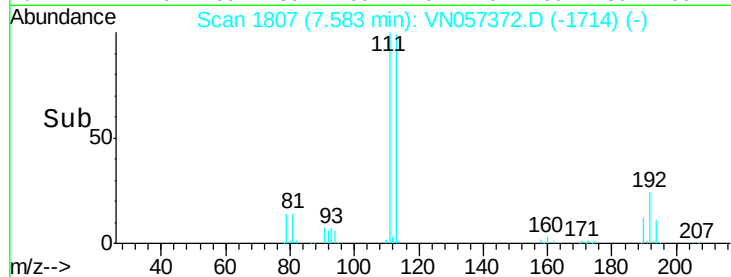
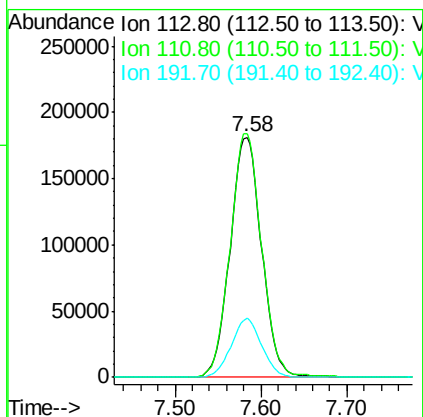
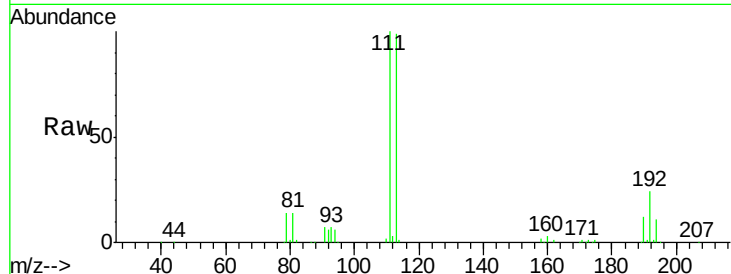




#35
 Dibromofluoromethane
 Concen: 46.144 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057372.D
 Acq: 16 Aug 2019 22:49

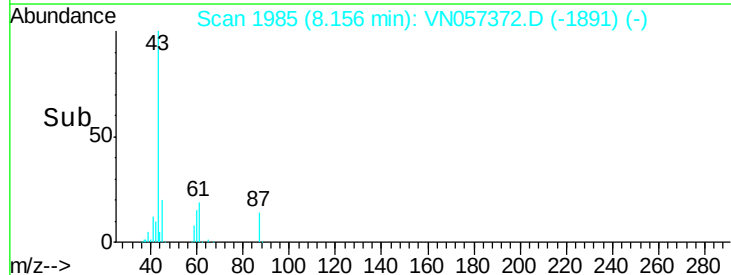
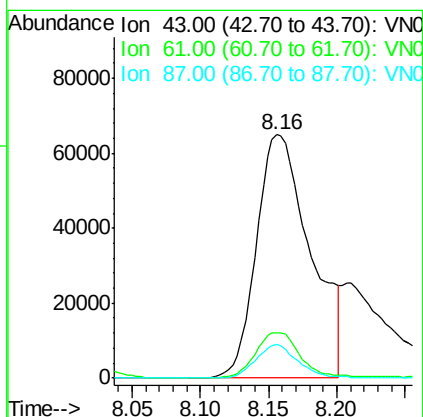
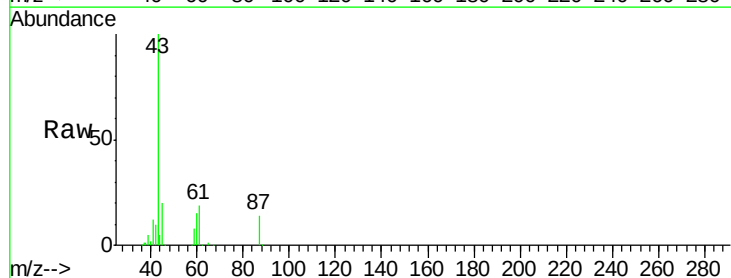
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

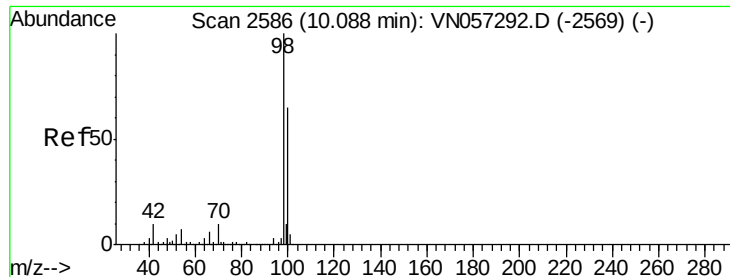
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.1	123.1
192	23.9	19.3	28.9



#43
 Isopropyl Acetate
 Concen: 7.939 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057372.D
 Acq: 16 Aug 2019 22:49

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.5	21.6	32.4#
87	10.5	11.4	17.0#





#50

Toluene-d8

Concen: 48.527 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057372.D

Acq: 16 Aug 2019 22:49

Instrument :

MSVOA_N

ClientSampled :

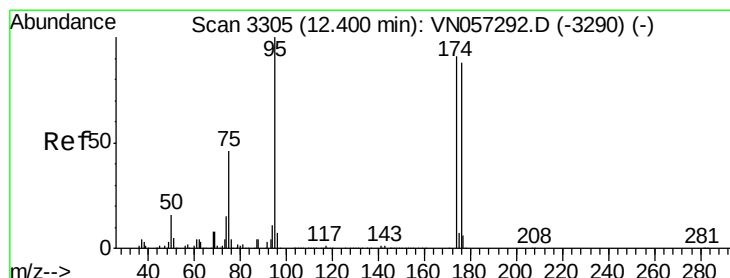
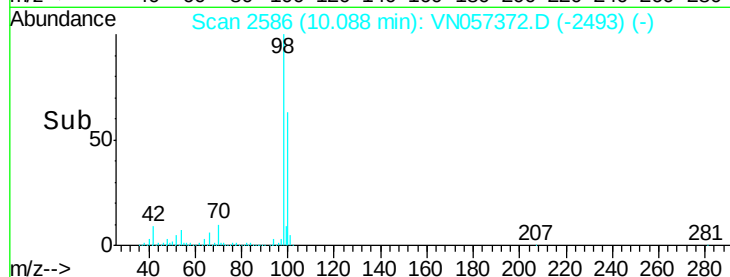
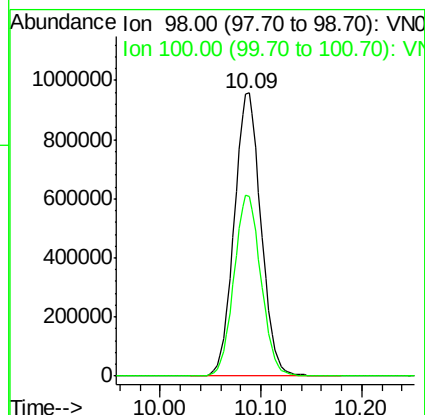
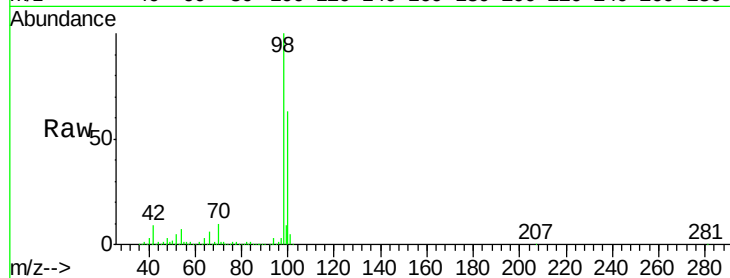
TP-3

Tot Ion: 98 Resp: 1769992

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 36.587 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057372.D

Acq: 16 Aug 2019 22:49

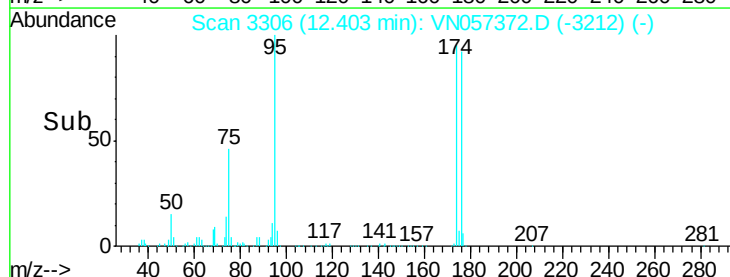
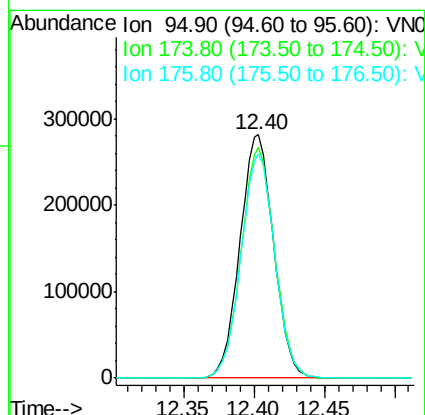
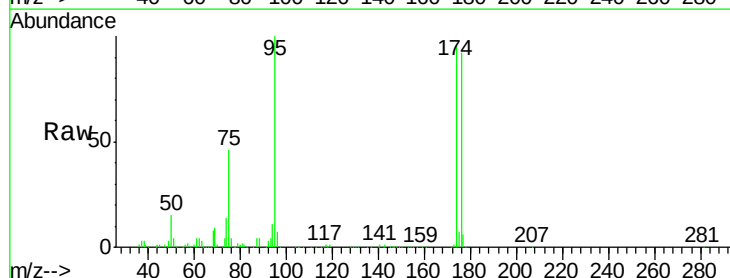
Tgt Ion: 95 Resp: 471597

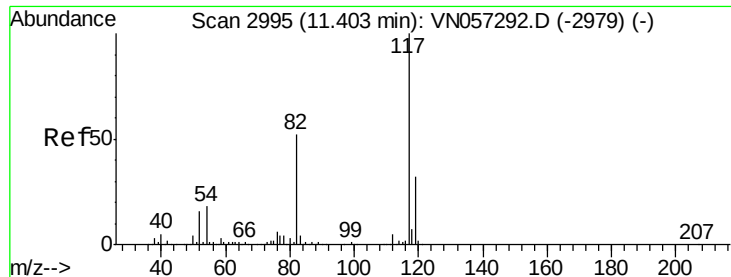
Ion Ratio Lower Upper

95 100

174 94.2 0.0 185.0

176 92.3 0.0 181.0

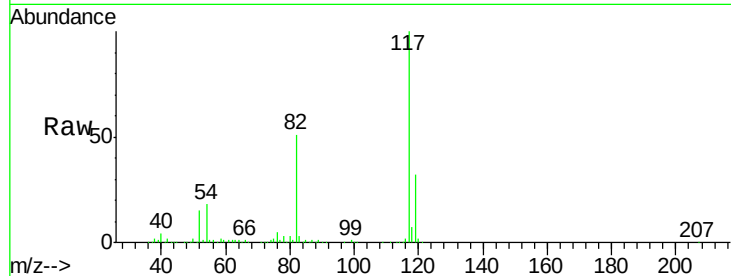




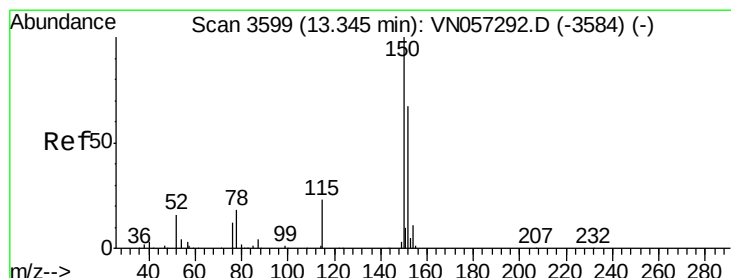
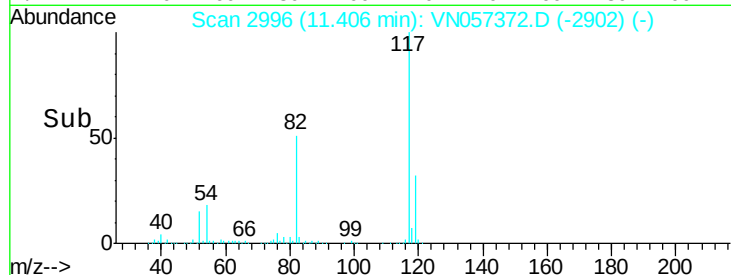
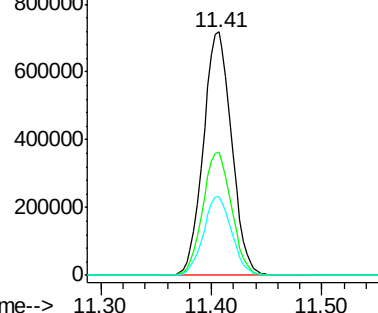
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

Instrument :
MSVOA_N
ClientSampled :
TP-3

Tot Ion:117 Resp: 1276444
Ion Ratio Lower Upper
117 100
82 50.5 41.2 61.8
119 32.5 25.8 38.8

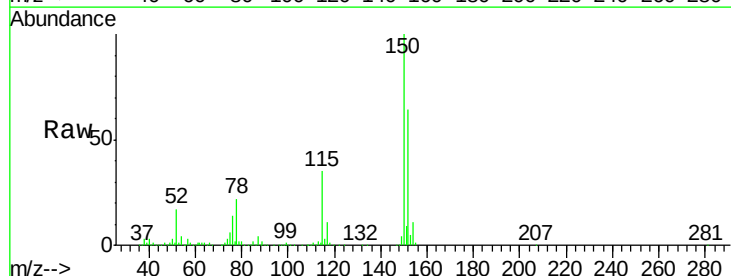


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057372.D
Acq: 16 Aug 2019 22:49

Tgt Ion:152 Resp: 332861
Ion Ratio Lower Upper
152 100
115 55.6 27.3 81.9
150 157.1 0.0 344.4



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

