

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057396.D
 Acq On : 19 Aug 2019 13:31
 Operator : JC/SP
 Sample : K4339-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A4-(0)

Quant Time: Aug 20 08:08:54 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

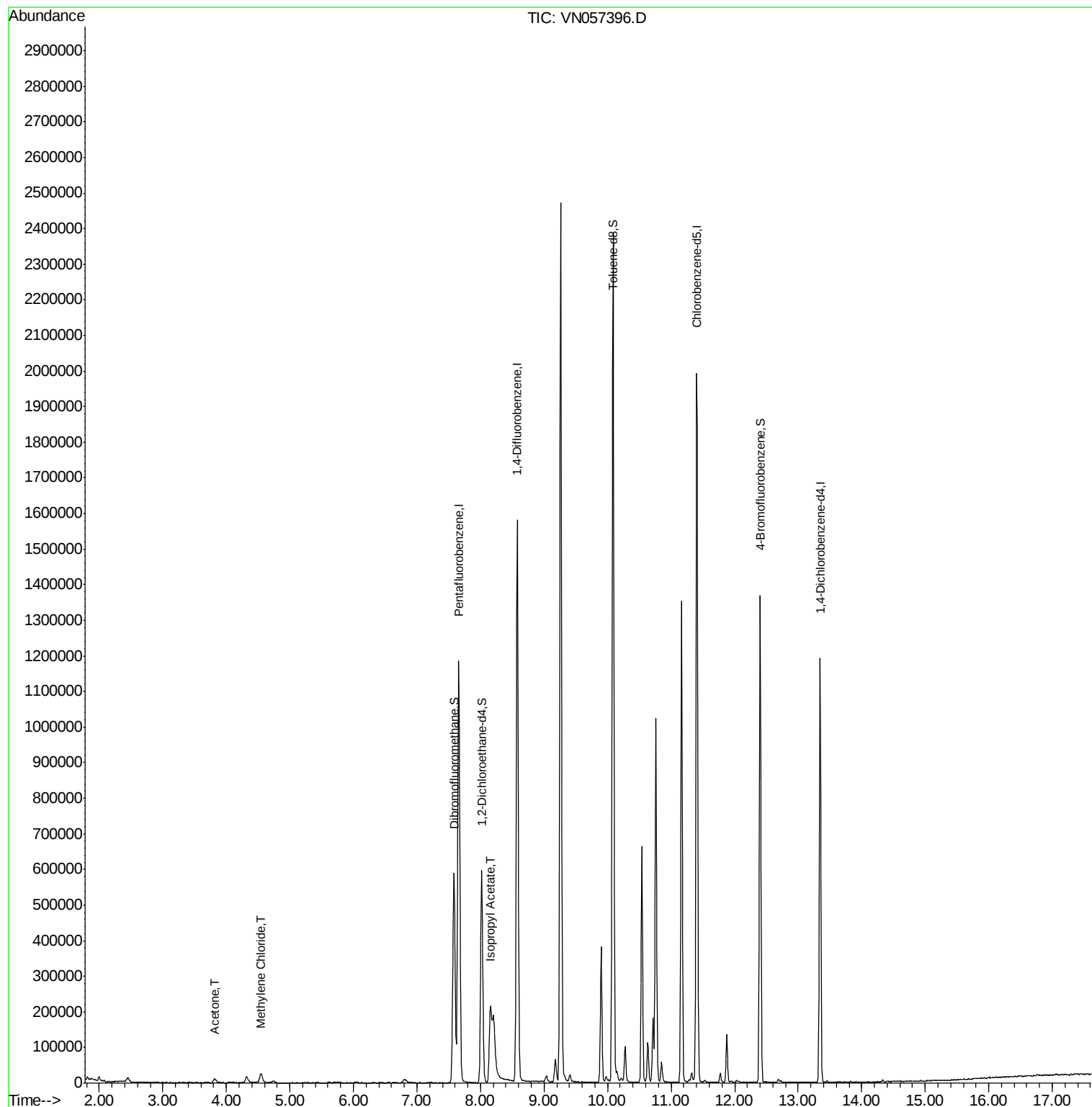
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1084964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1506300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1289582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	349372	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	508640	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.24%	
35) Dibromofluoromethane	7.58	113	458451	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
50) Toluene-d8	10.09	98	1761311	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.40	95	472494	37.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.04%	
Target Compounds						
16) Acetone	3.81	43	17661	4.316	ug/l	99
20) Methylene Chloride	4.54	84	21675	1.893	ug/l	97
43) Isopropyl Acetate	8.16	43	270211	12.723	ug/l #	79

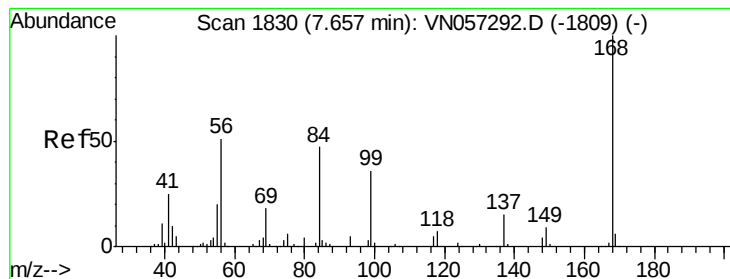
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057396.D

Acq: 19 Aug 2019 13:31

Instrument :

MSVOA_N

ClientSampled :

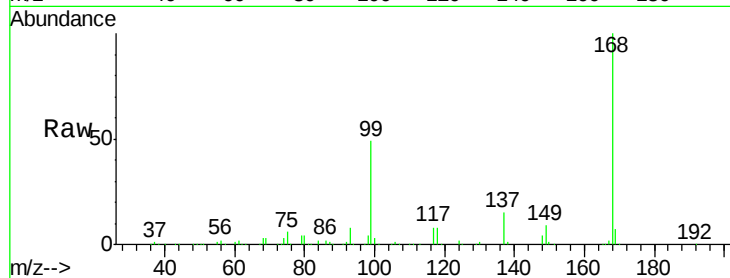
T8-A4-(0)

Tot Ion:168 Resp: 1084964

Ion Ratio Lower Upper

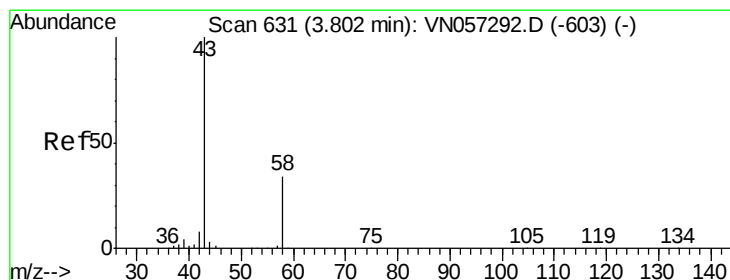
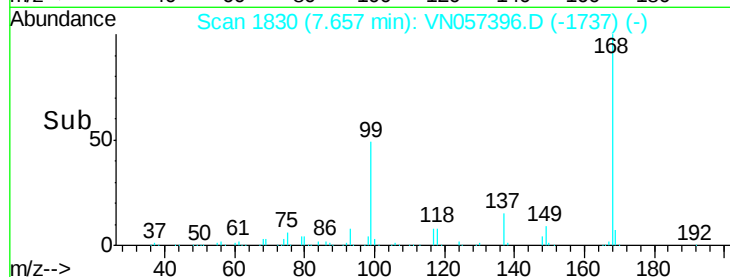
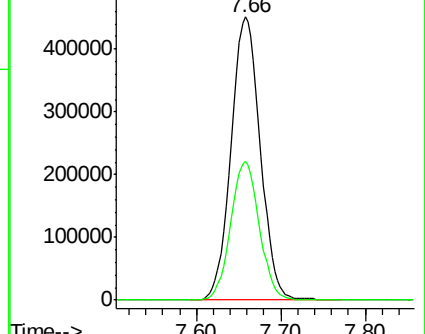
168 100

99 49.1 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: 4.316 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057396.D

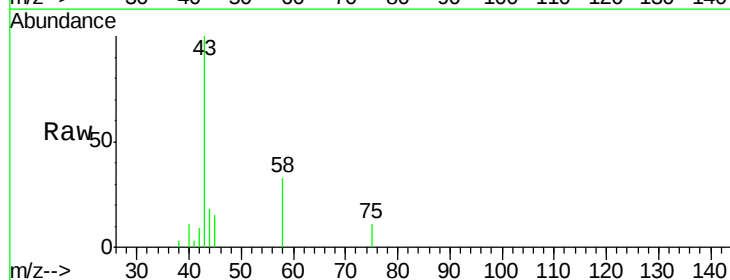
Acq: 19 Aug 2019 13:31

Tgt Ion: 43 Resp: 17661

Ion Ratio Lower Upper

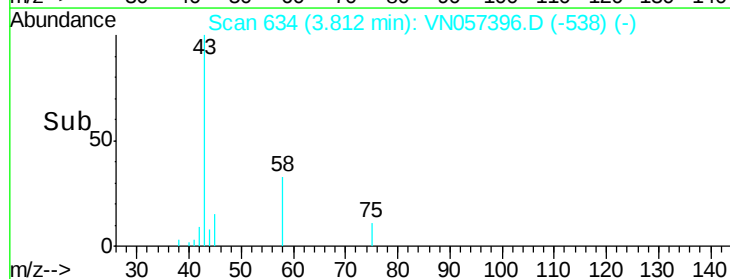
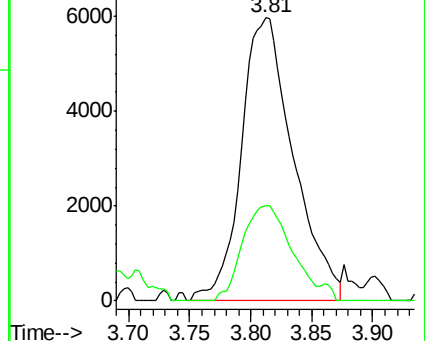
43 100

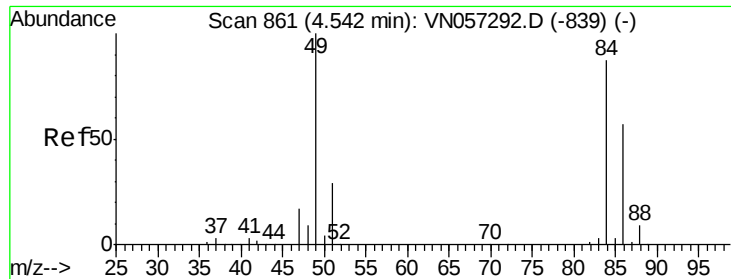
58 33.5 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

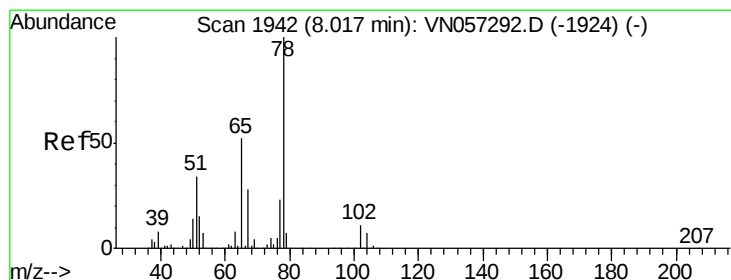
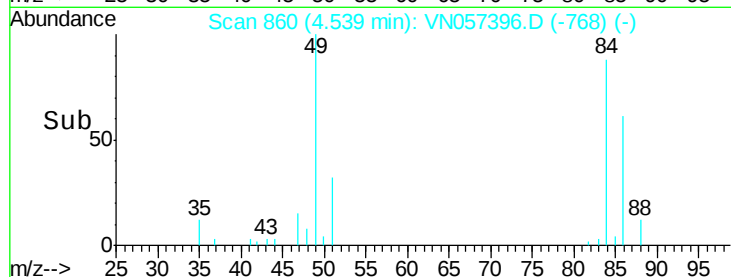
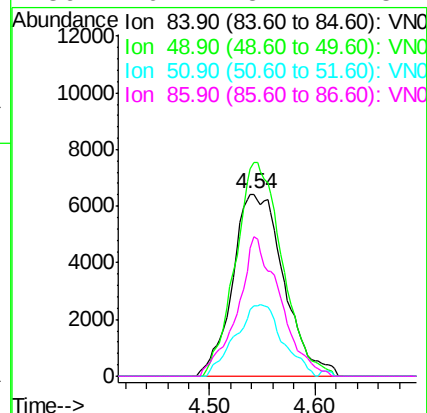
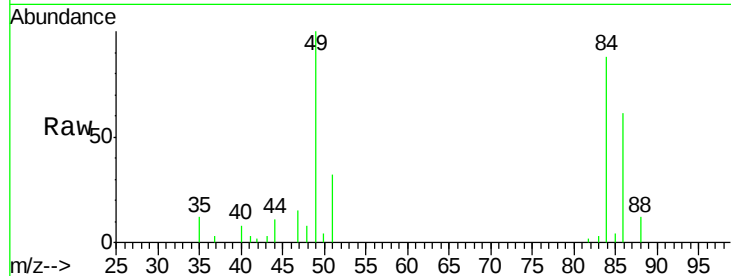




#20
Methvlene Chloride
Concen: 1.893 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN057396.D
Acq: 19 Aug 2019 13:31

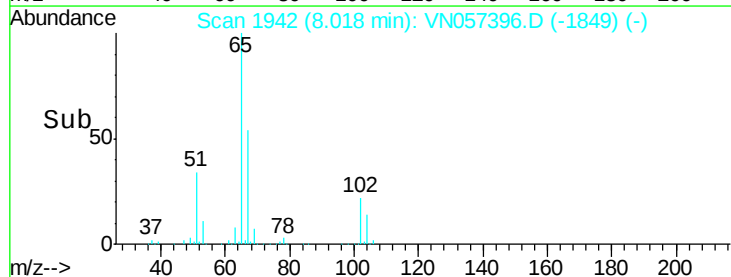
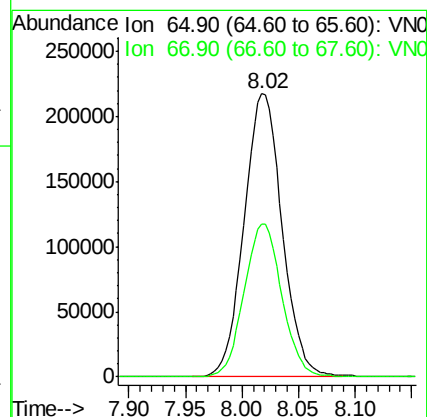
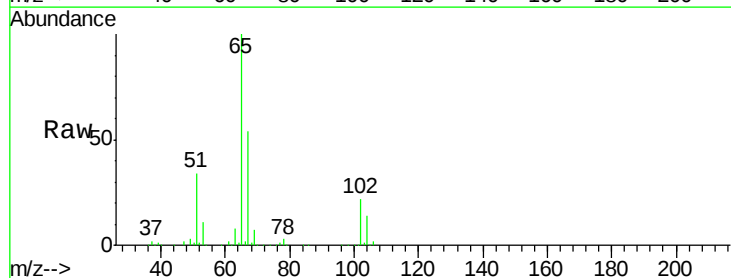
Instrument :
MSVOA_N
ClientSampleId :
T8-A4-(0)

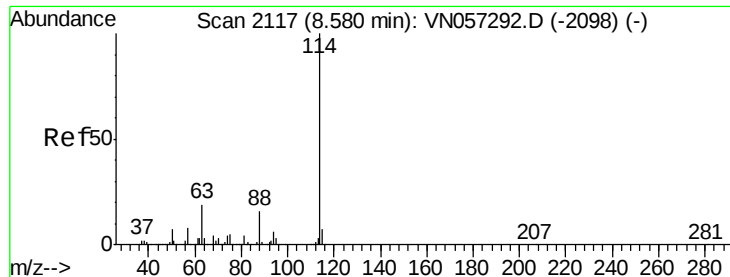
Tot Ion:	84	Resp:	21675
Ion	Ratio	Lower	Upper
84	100		
49	114.2	92.0	138.0
51	36.5	27.1	40.7
86	70.2	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 43.124 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057396.D
Acq: 19 Aug 2019 13:31

Tgt Ion:	65	Resp:	508640
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	107.4

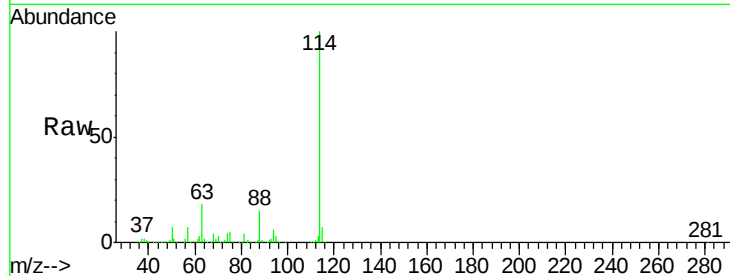




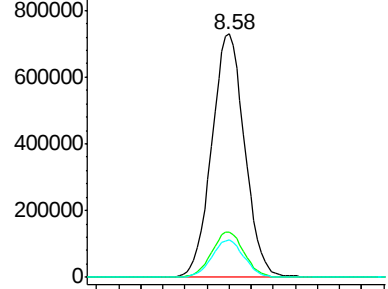
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057396.D
 Acq: 19 Aug 2019 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A4-(0)

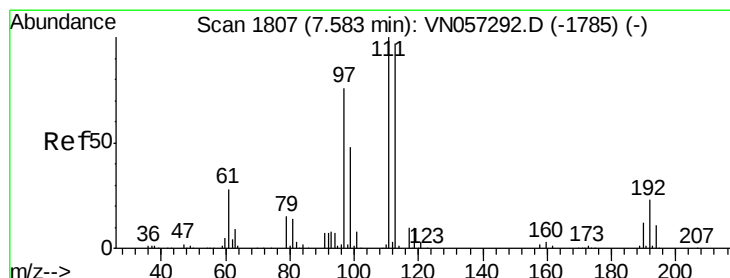
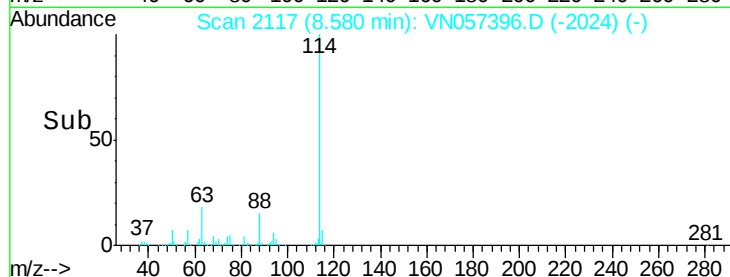
Tot Ion:114 Resp: 1506300
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.8
 88 15.2 0.0 31.4



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

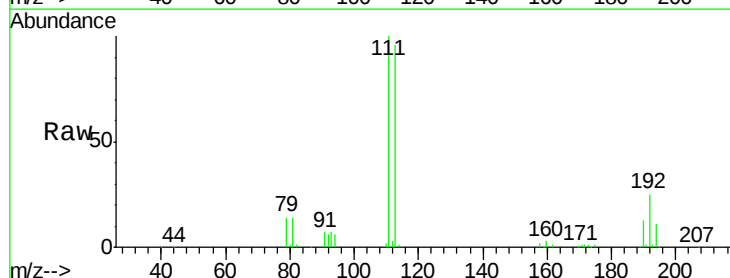


Time-->

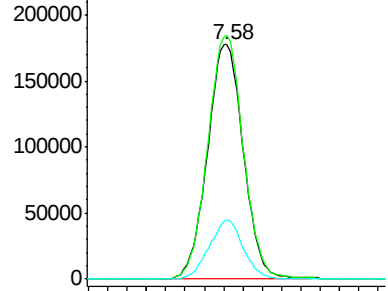


#35
 Dibromofluoromethane
 Concen: 46.430 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057396.D
 Acq: 19 Aug 2019 13:31

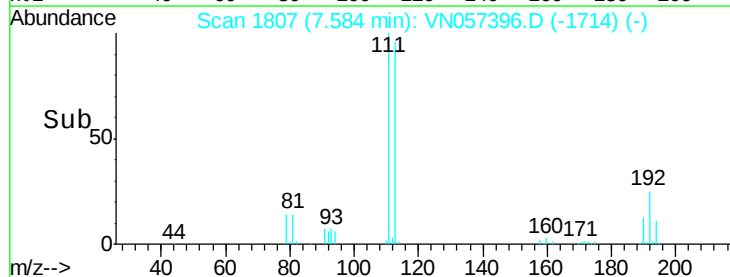
Tgt Ion:113 Resp: 458451
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.1 123.1
 192 23.9 19.3 28.9

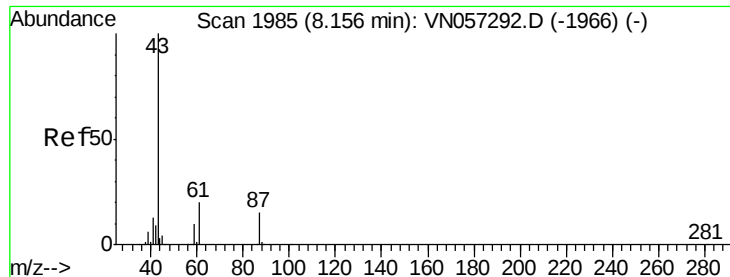


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->

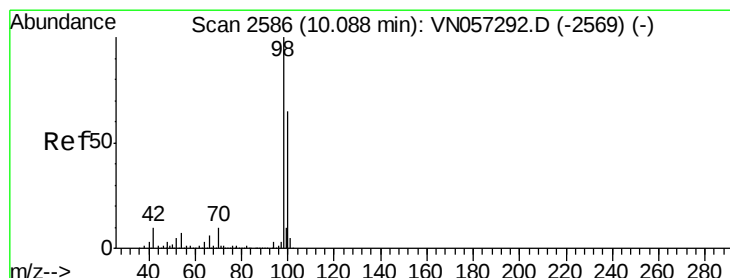
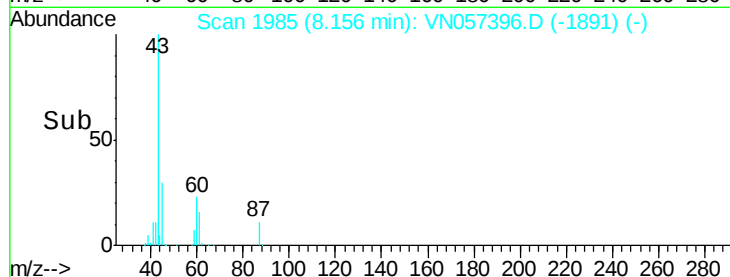
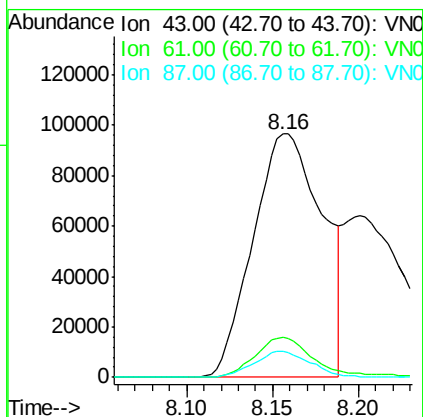
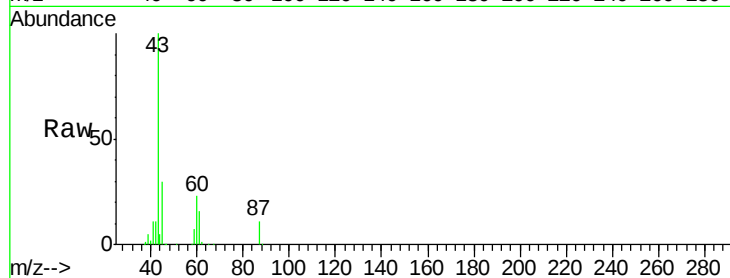




#43
Isopropyl Acetate
Concen: 12.723 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057396.D
Acq: 19 Aug 2019 13:31

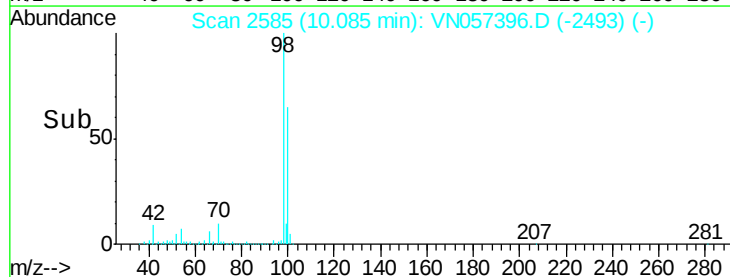
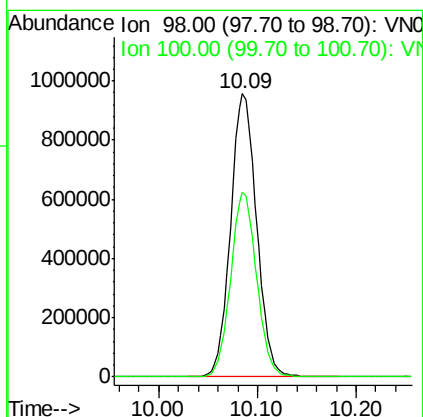
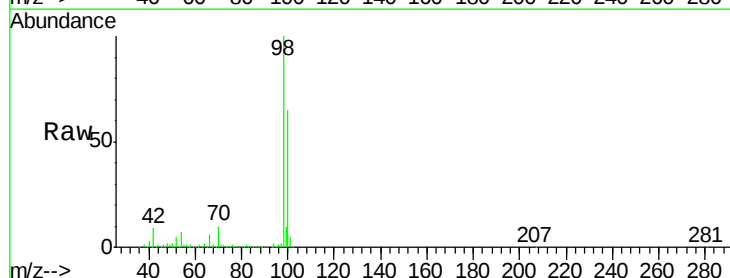
Instrument :
MSVOA_N
ClientSampleId :
T8-A4-(0)

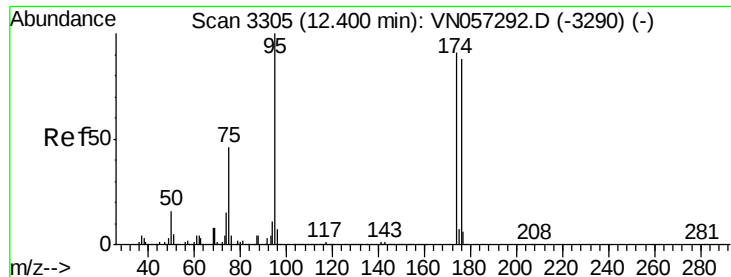
Tot Ion: 43 Resp: 270211
Ion Ratio Lower Upper
43 100
61 14.3 21.6 32.4#
87 8.7 11.4 17.0#



#50
Toluene-d8
Concen: 48.770 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057396.D
Acq: 19 Aug 2019 13:31

Tgt Ion: 98 Resp: 1761311
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

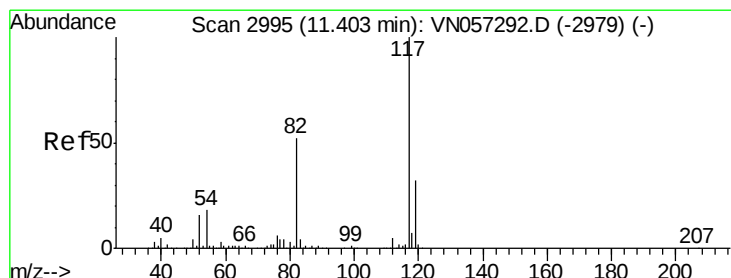
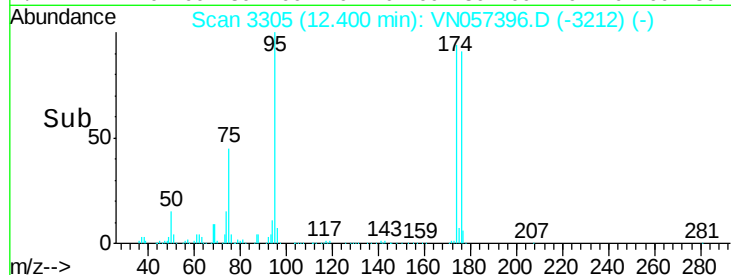
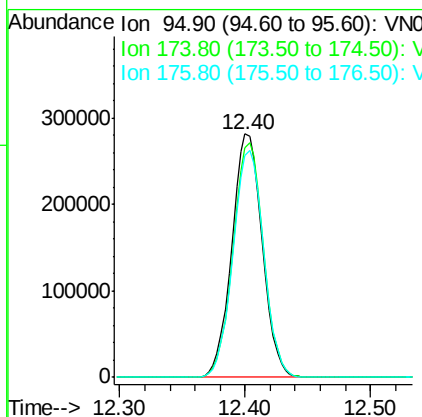
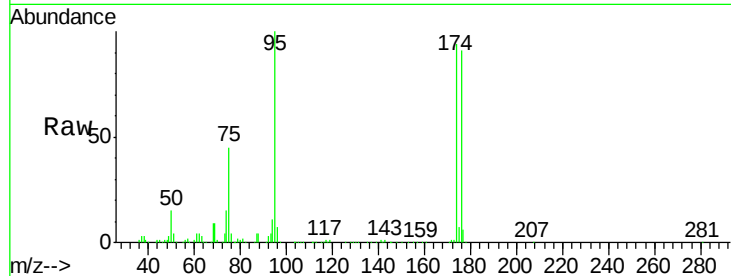




#62
 4-Bromofluorobenzene
 Concen: 37.021 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN057396.D
 Acq: 19 Aug 2019 13:31

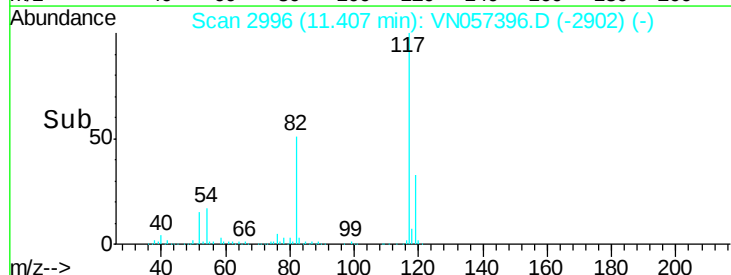
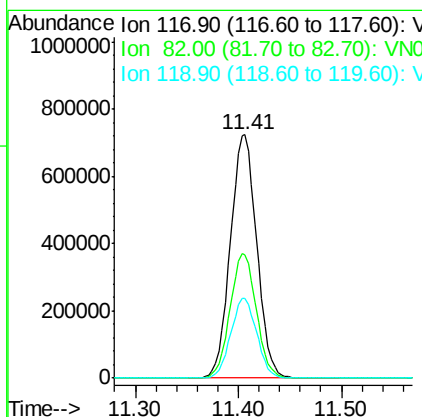
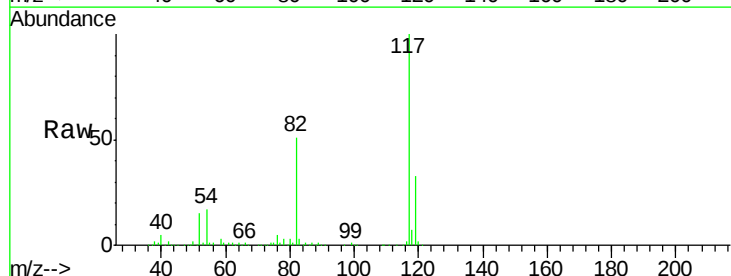
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A4-(0)

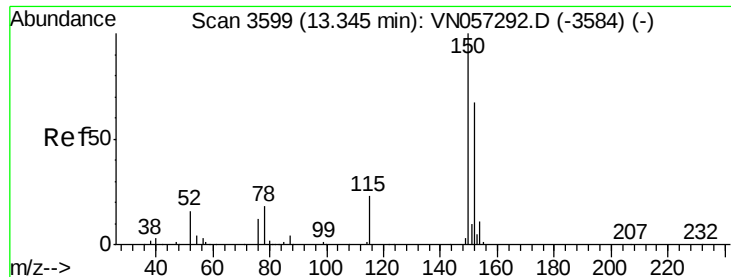
Tot Ion: 95 Resp: 472494
 Ion Ratio Lower Upper
 95 100
 174 96.6 0.0 185.0
 176 94.4 0.0 181.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN057396.D
 Acq: 19 Aug 2019 13:31

Tgt Ion: 117 Resp: 1289582
 Ion Ratio Lower Upper
 117 100
 82 50.9 41.2 61.8
 119 32.7 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057396.D

Acq: 19 Aug 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

T8-A4-(0)

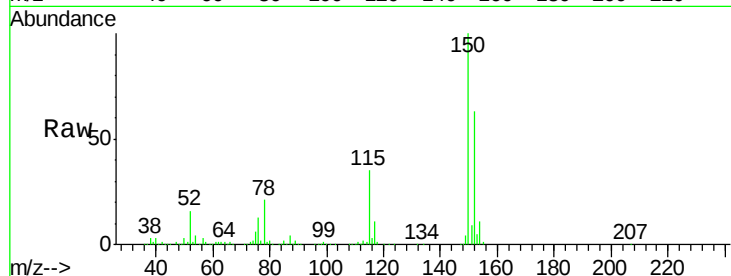
Tot Ion:152 Resp: 349372

Ion Ratio Lower Upper

152 100

115 55.4 27.3 81.9

150 158.3 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

