

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101719\
 Data File : VN058829.D
 Acq On : 17 Oct 2019 15:52
 Operator : JC/SP
 Sample : K5393-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T-9-U1-(28)

Quant Time: Oct 18 04:03:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

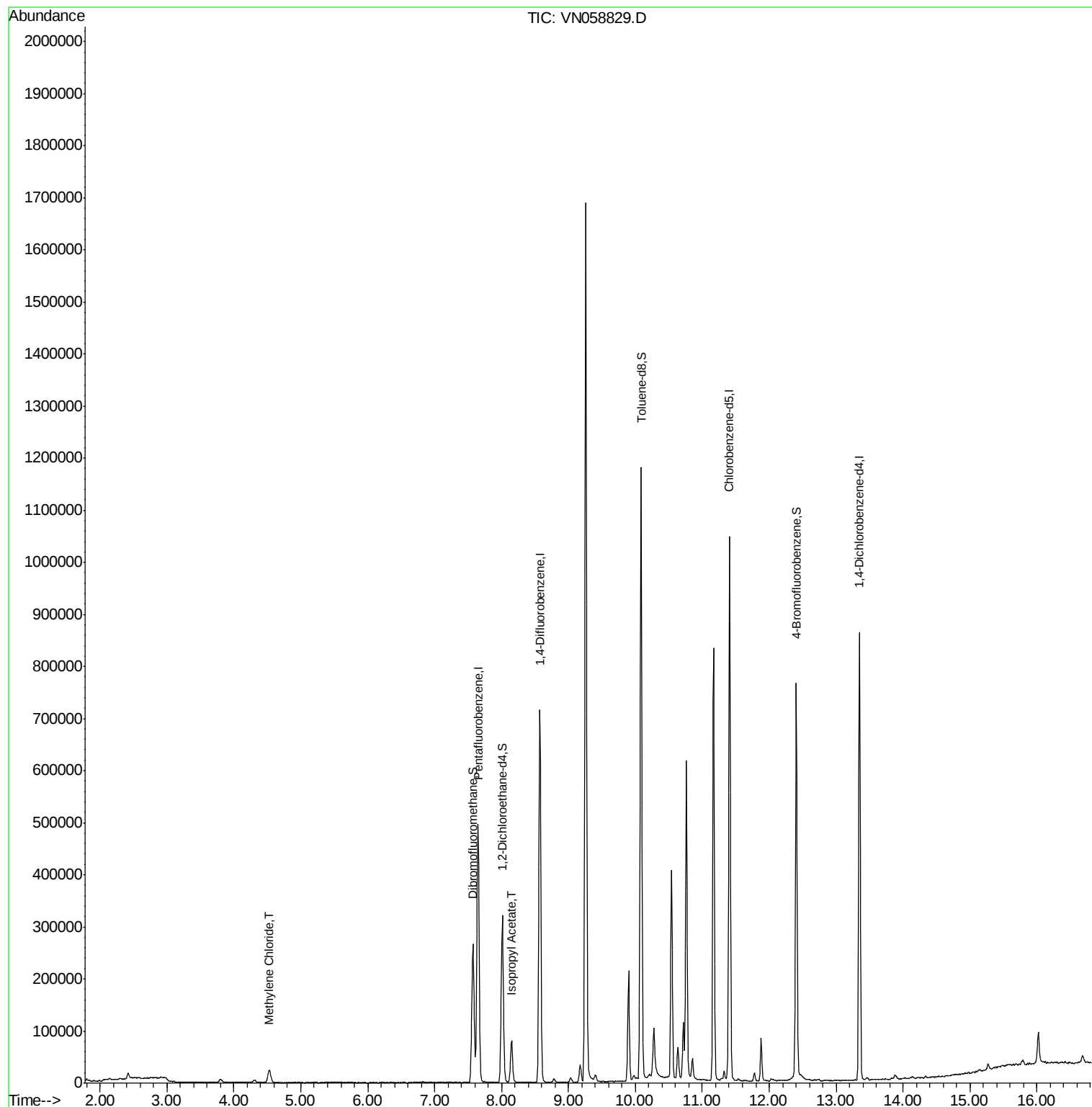
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	388914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	616894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	573486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	218243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	282639	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
35) Dibromofluoromethane	7.57	113	201780	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
50) Toluene-d8	10.08	98	789378	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.40	95	256215	44.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.84%	
Target Compounds						
20) Methylene Chloride	4.54	84	17606	3.737	ug/l	93
43) Isopropyl Acetate	8.15	43	95280	8.867	ug/l #	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058829.D

Acq: 17 Oct 2019 15:52

Instrument :

MSVOA_N

ClientSampleId :

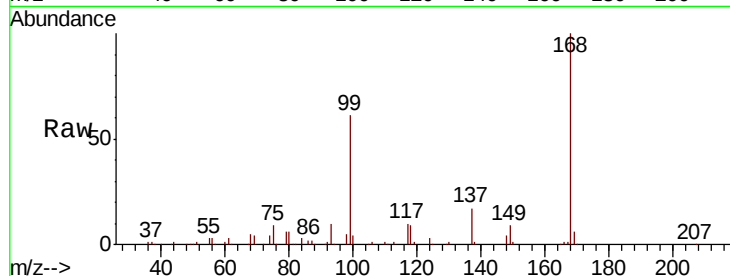
T-9-U1-(28)

Tot Ion:168 Resp: 388914

Ion Ratio Lower Upper

168 100

99 61.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

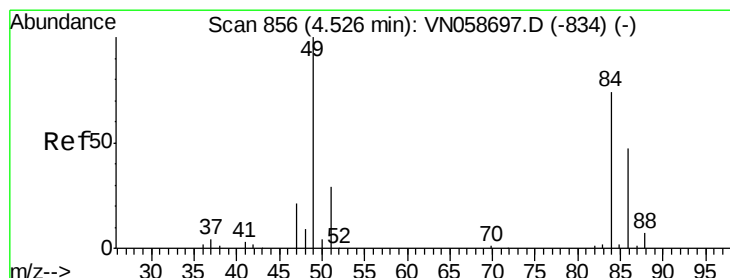
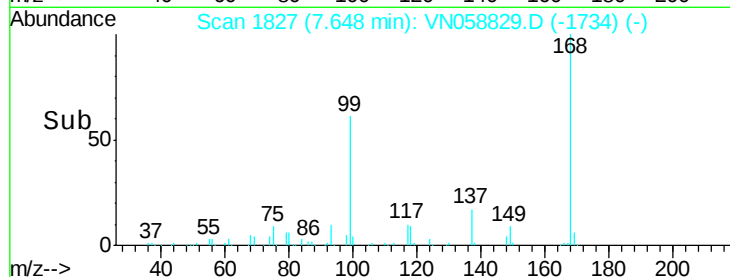
100000

50000

0

Time-->

7.60 7.70



#20

Methylene Chloride

Concen: 3.737 ug/l

RT: 4.54 min Scan# 859

Delta R.T. 0.01 min

Lab File: VN058829.D

Acq: 17 Oct 2019 15:52

Tgt Ion: 84 Resp: 17606

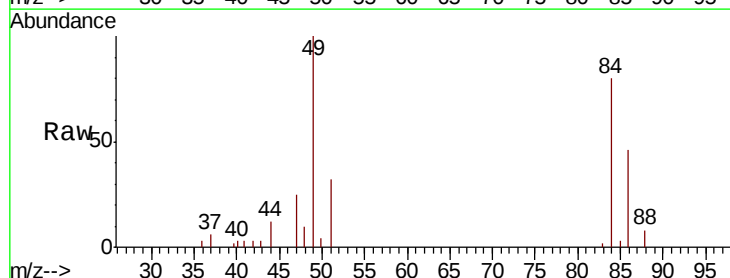
Ion Ratio Lower Upper

84 100

49 124.5 107.6 161.4

51 40.1 31.4 47.0

86 57.6 50.3 75.5



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

12000

10000

8000

6000

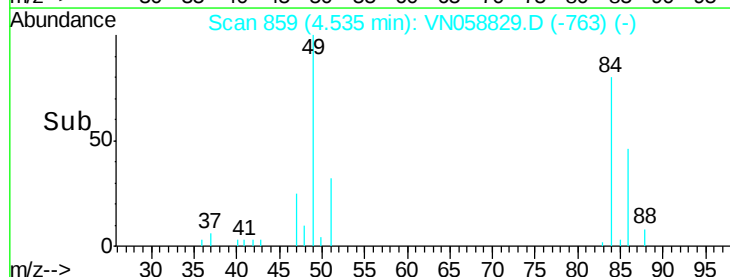
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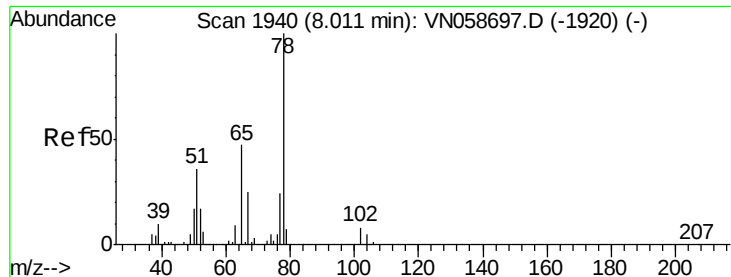
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0

Time-->

4.45 4.50 4.55 4.60

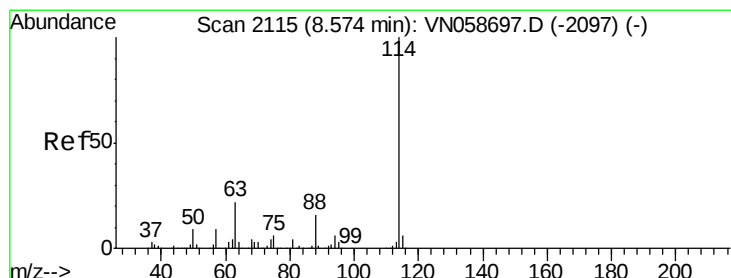
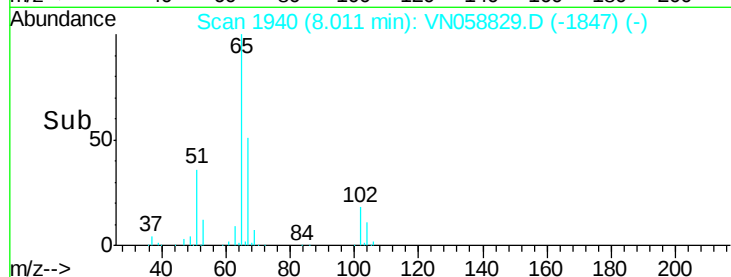
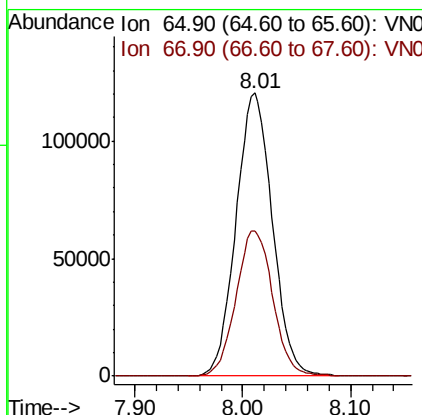
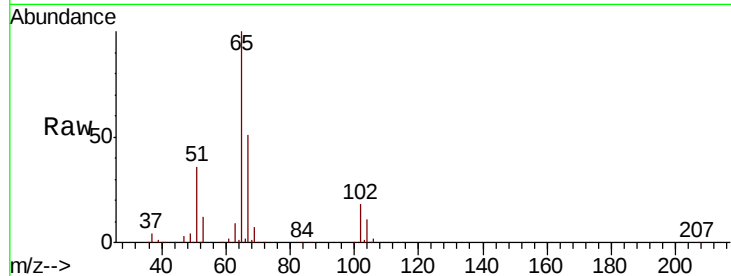




#33
 1,2-Dichloroethane-d4
 Concen: 51.911 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058829.D
 Acq: 17 Oct 2019 15:52

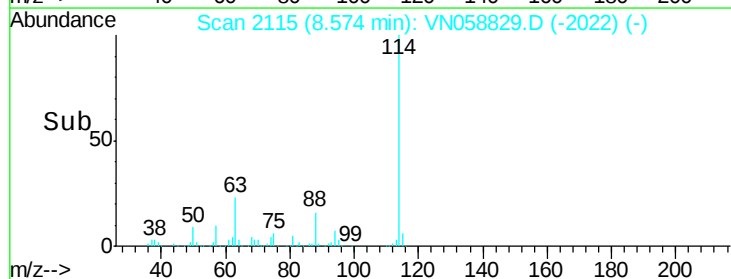
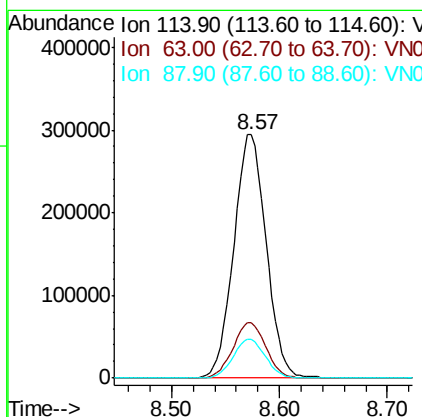
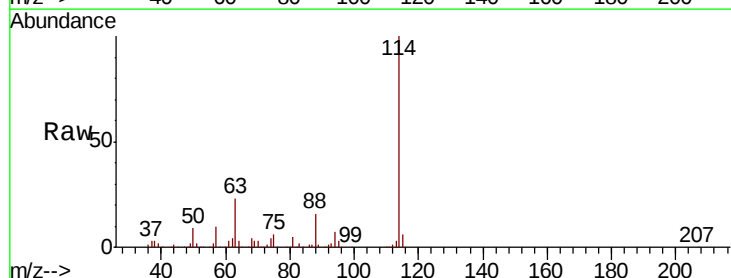
Instrument :
 MSVOA_N
 ClientSampled :
 T-9-U1-(28)

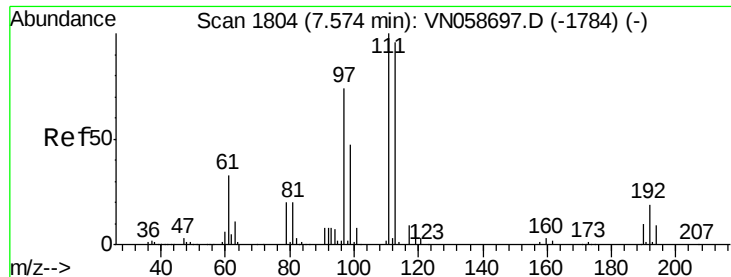
Tot Ion: 65 Resp: 282639
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058829.D
 Acq: 17 Oct 2019 15:52

Tgt Ion: 114 Resp: 616894
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.8
 88 15.9 0.0 32.0

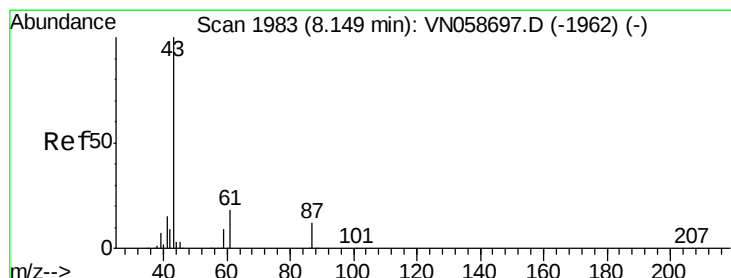
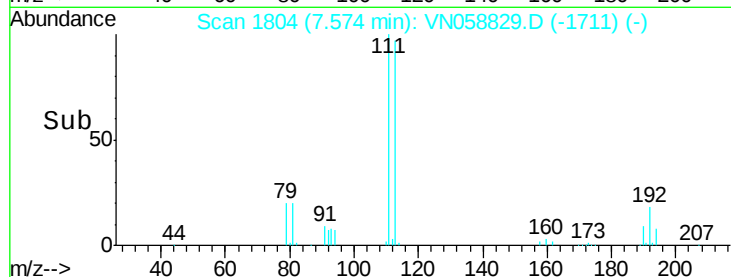
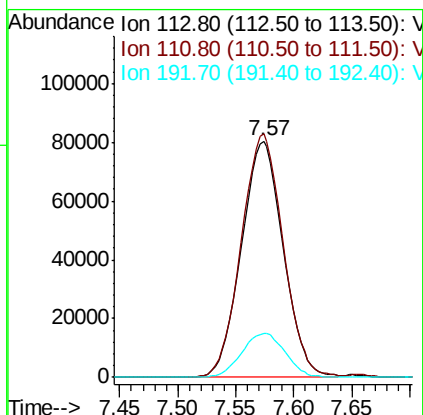
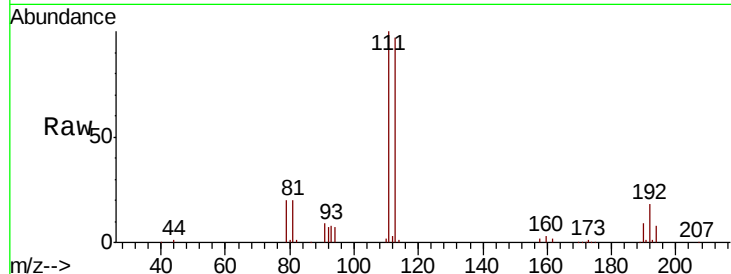




#35
 Dibromofluoromethane
 Concen: 52.955 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058829.D
 Acq: 17 Oct 2019 15:52

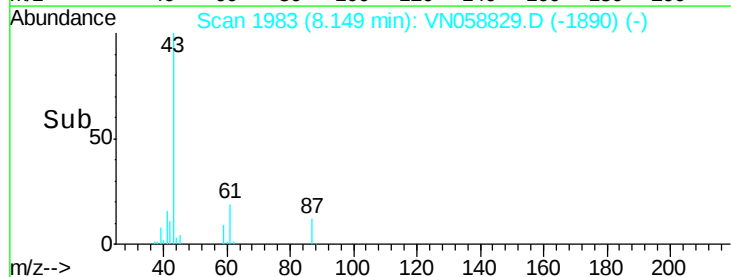
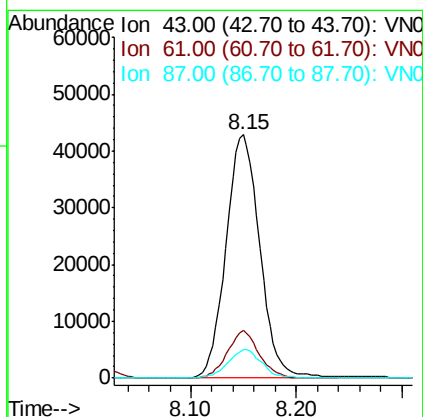
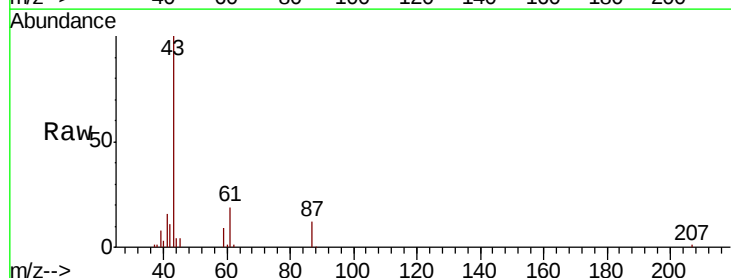
Instrument :
 MSVOA_N
 ClientSampled :
 T-9-U1-(28)

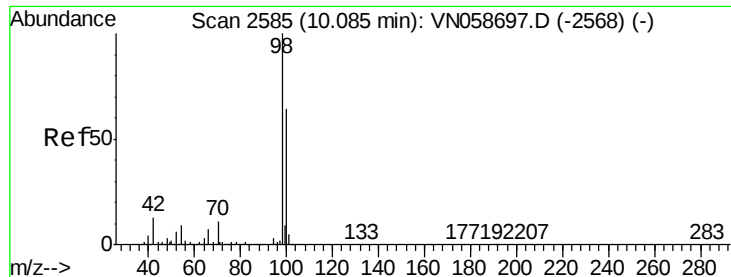
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.3	123.5
192	19.3	15.0	22.6



#43
 Isopropyl Acetate
 Concen: 8.867 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN058829.D
 Acq: 17 Oct 2019 15:52

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.3	20.3	30.5#
87	11.7	9.8	14.6





#50

Toluene-d8

Concen: 51.805 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058829.D

Acq: 17 Oct 2019 15:52

Instrument :

MSVOA_N

ClientSampleId :

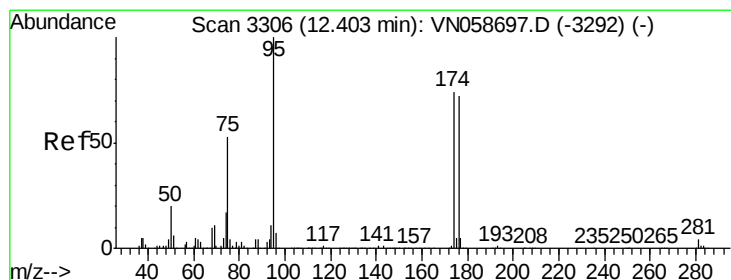
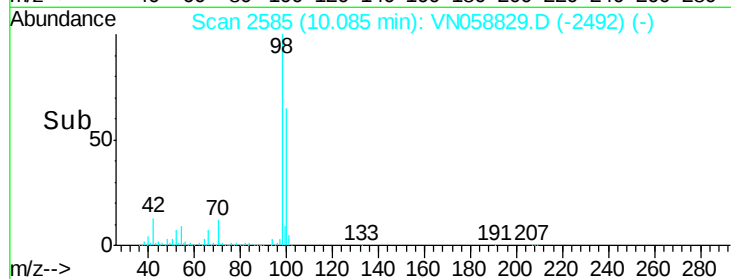
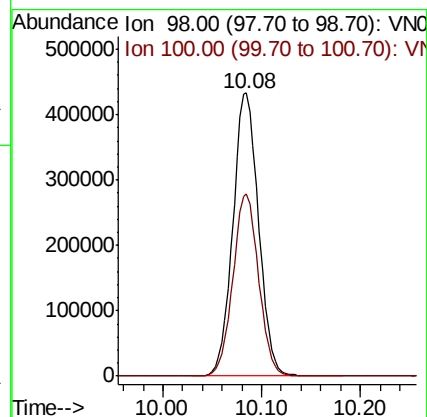
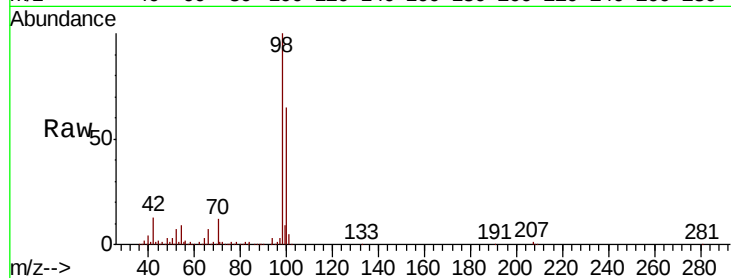
T-9-U1-(28)

Tot Ion: 98 Resp: 789378

Ion Ratio Lower Upper

98 100

100 64.3 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.422 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058829.D

Acq: 17 Oct 2019 15:52

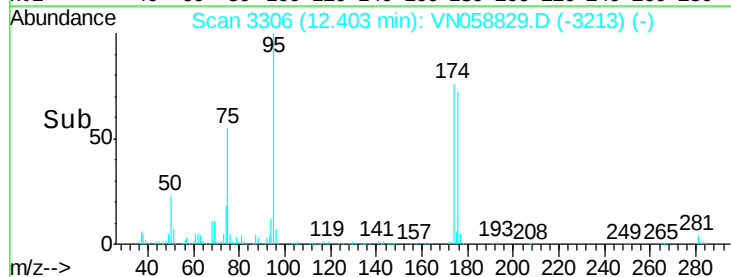
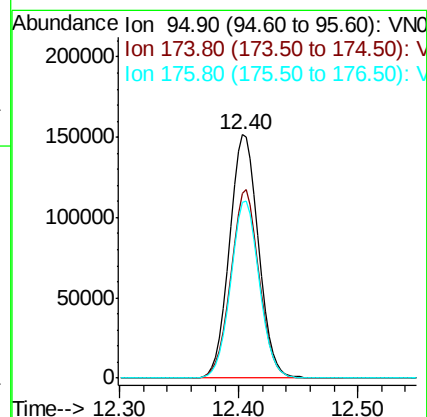
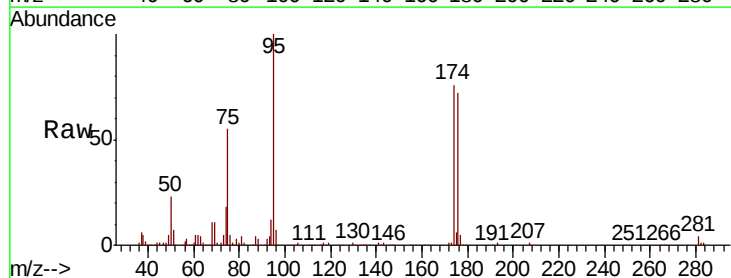
Tgt Ion: 95 Resp: 256215

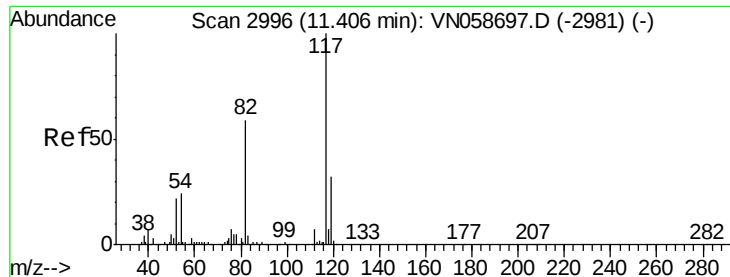
Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.4

176 71.8 0.0 146.8

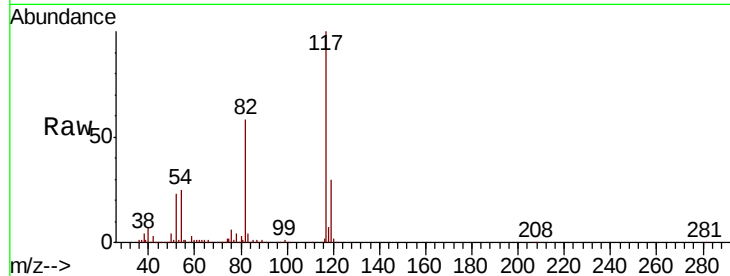




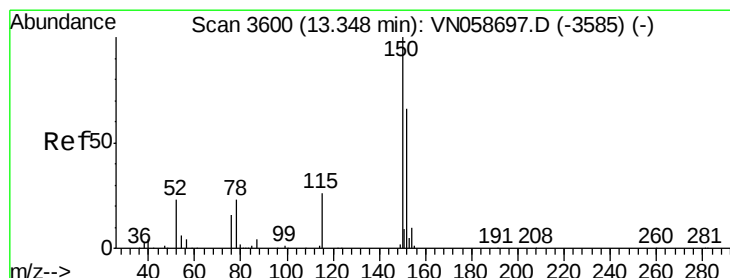
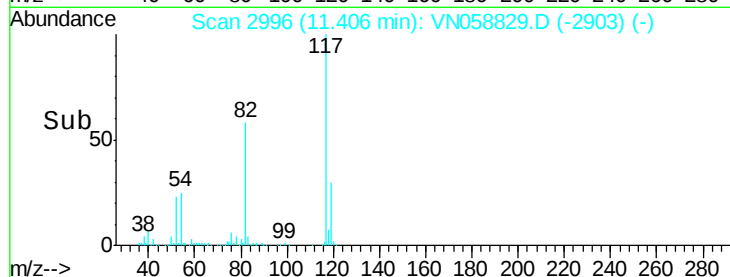
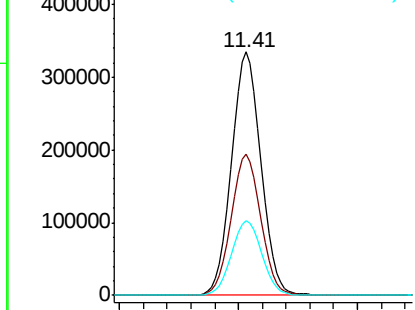
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058829.D
Acq: 17 Oct 2019 15:52

Instrument :
MSVOA_N
ClientSampled :
T-9-U1-(28)

Tot Ion:117 Resp: 573486
Ion Ratio Lower Upper
117 100
82 57.9 47.0 70.4
119 30.5 25.4 38.2

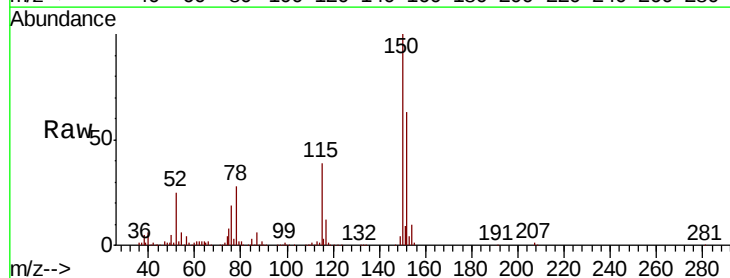


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058829.D
Acq: 17 Oct 2019 15:52

Tgt Ion:152 Resp: 218243
Ion Ratio Lower Upper
152 100
115 62.3 30.4 91.2
150 156.4 0.0 345.4



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

