

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091619\
 Data File : VN058126.D
 Acq On : 16 Sep 2019 17:57
 Operator : JC/SP
 Sample : K4878-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-2-8

Quant Time: Sep 17 08:28:24 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

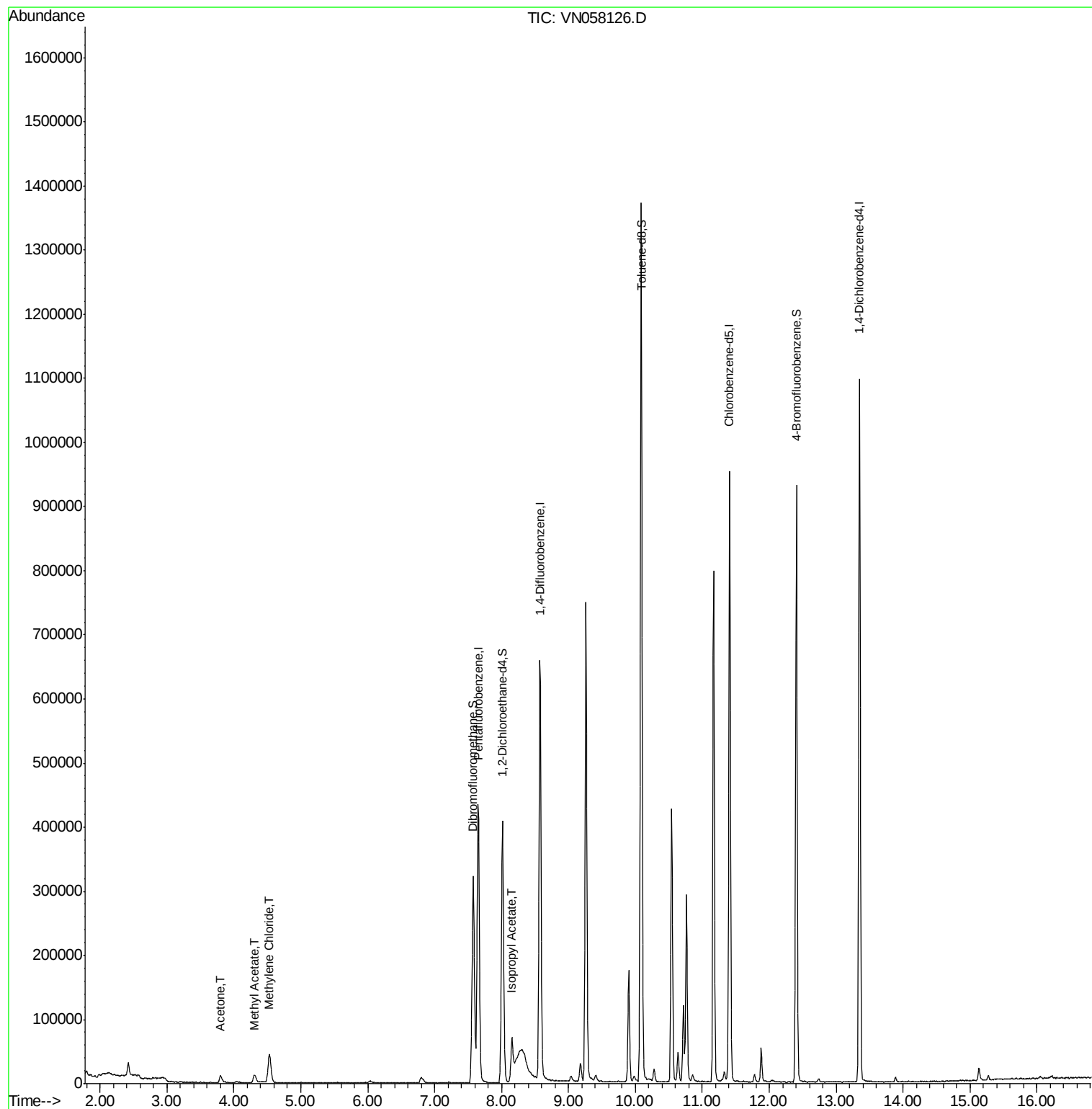
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	340345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	564706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	521290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	277641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	353202	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
35) Dibromofluoromethane	7.58	113	239282	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
50) Toluene-d8	10.09	98	951612	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
62) 4-Bromofluorobenzene	12.41	95	315093	40.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.72%	
Target Compounds						
16) Acetone	3.80	43	18456	8.167	ug/l	93
18) Methyl Acetate	4.30	43	24862	4.126	ug/l	97
20) Methylene Chloride	4.53	84	31742	6.303	ug/l	96
43) Isopropyl Acetate	8.15	43	90209	7.928	ug/l #	83

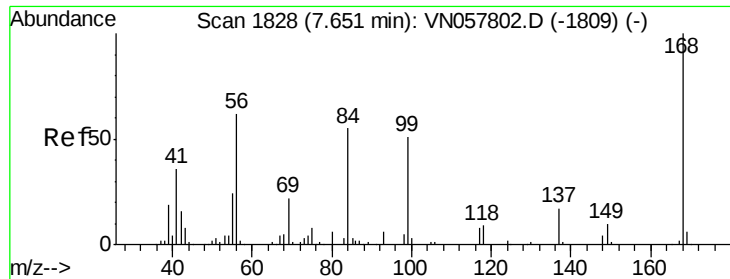
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091619\
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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: VN058126.D

Acq: 16 Sep 2019 17:57

Instrument :

MSVOA_N

ClientSampleId :

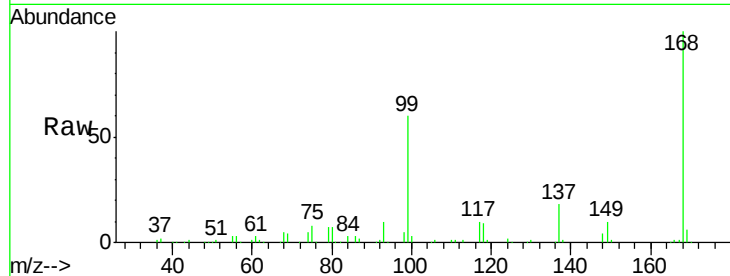
CSA-2-8

Tot Ion:168 Resp: 340345

Ion Ratio Lower Upper

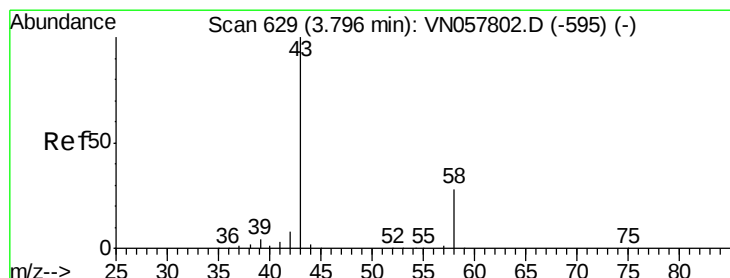
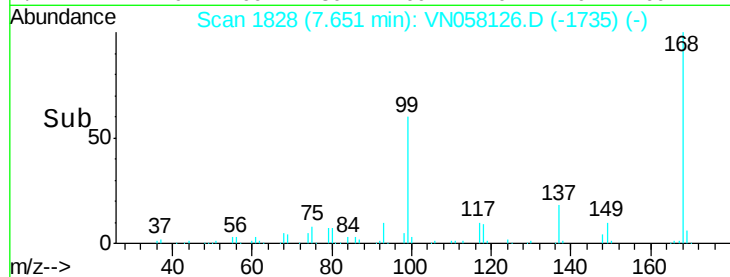
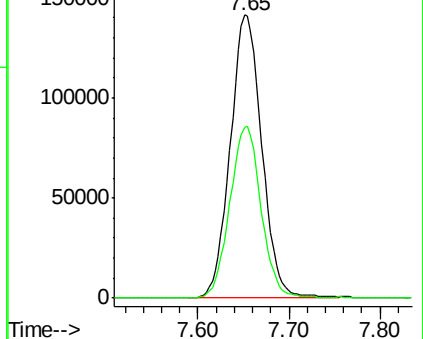
168 100

99 60.3 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: 8.167 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058126.D

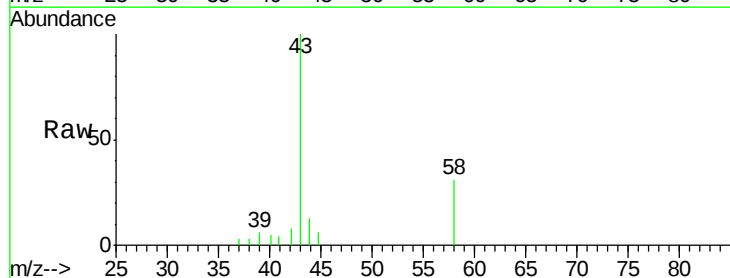
Acq: 16 Sep 2019 17:57

Tgt Ion: 43 Resp: 18456

Ion Ratio Lower Upper

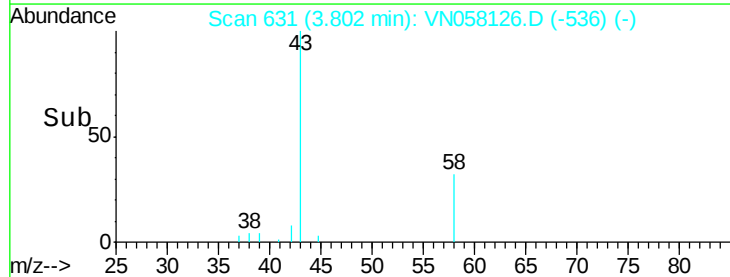
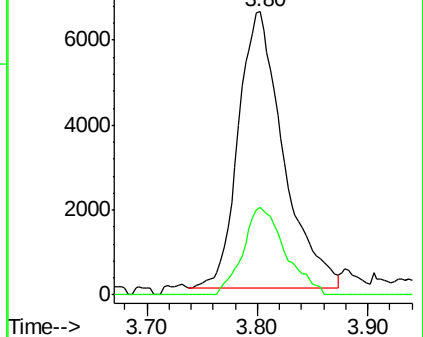
43 100

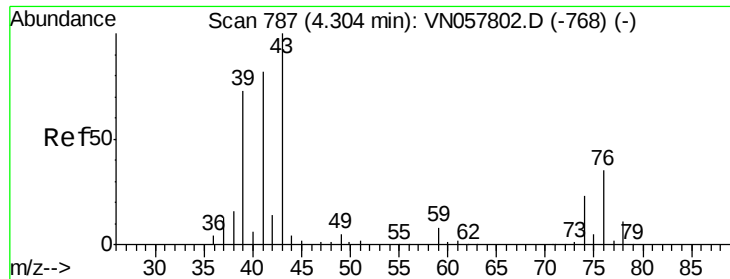
58 31.6 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

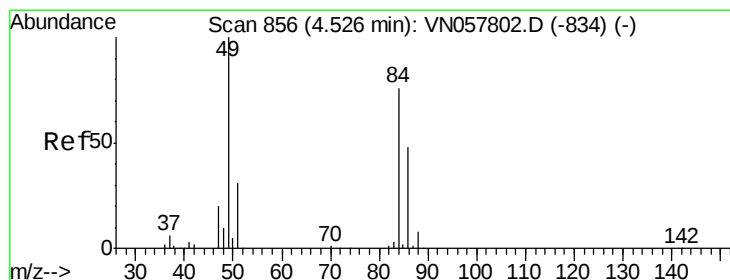
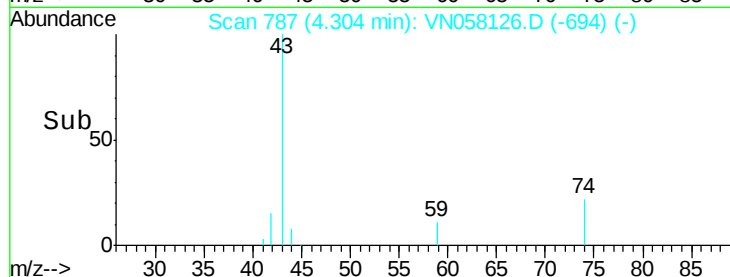
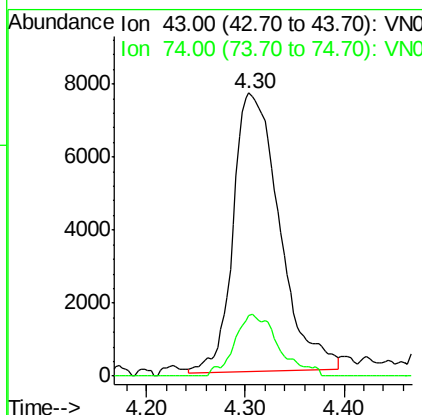
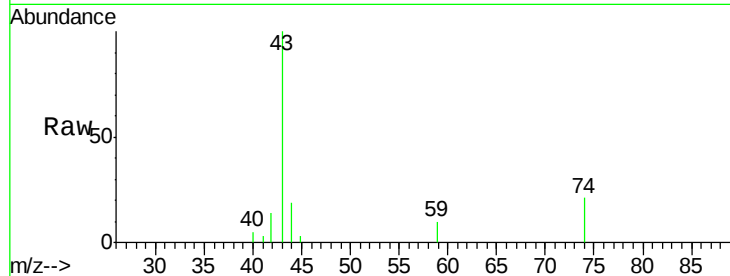




#18
Methyl Acetate
Concen: 4.126 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058126.D
Acq: 16 Sep 2019 17:57

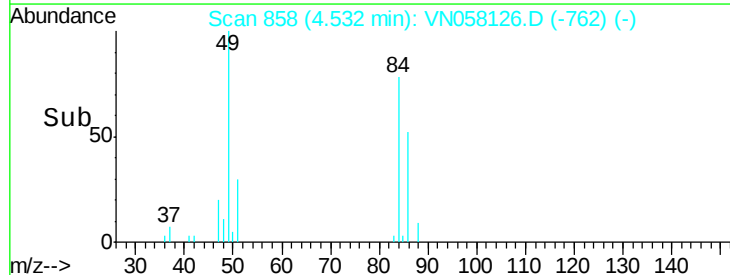
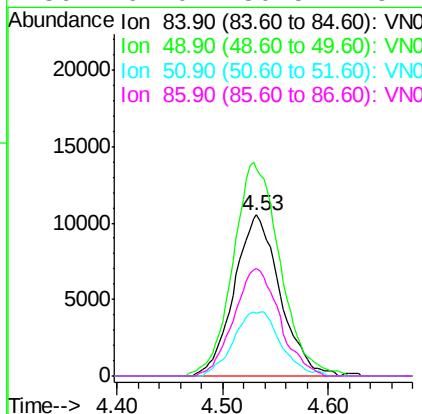
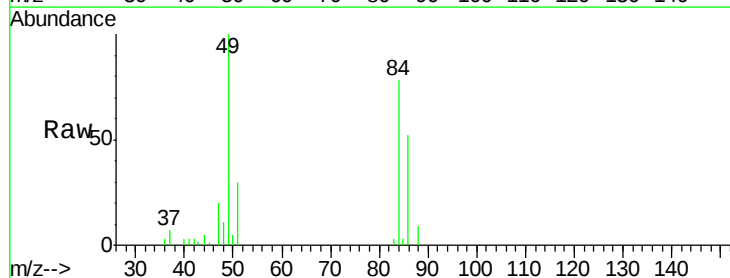
Instrument :
MSVOA_N
ClientSampleId :
CSA-2-8

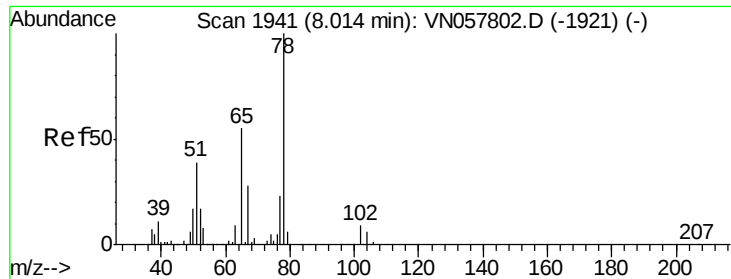
Tot Ion: 43 Resp: 24862
Ion Ratio Lower Upper
43 100
74 21.2 17.9 26.9



#20
Methylene Chloride
Concen: 6.303 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058126.D
Acq: 16 Sep 2019 17:57

Tgt Ion: 84 Resp: 31742
Ion Ratio Lower Upper
84 100
49 127.1 104.8 157.2
51 39.1 33.0 49.4
86 67.0 50.5 75.7

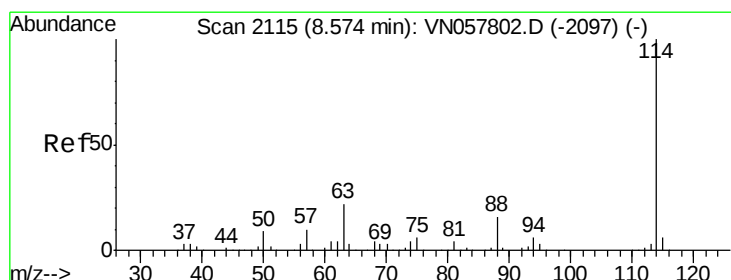
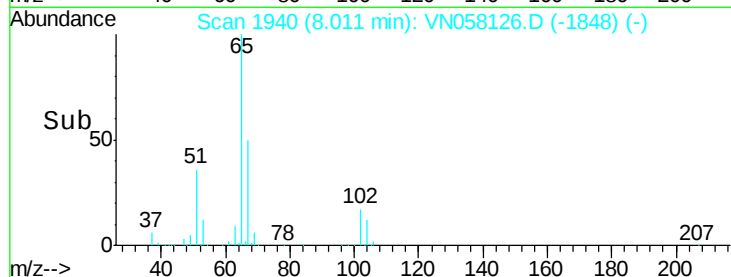
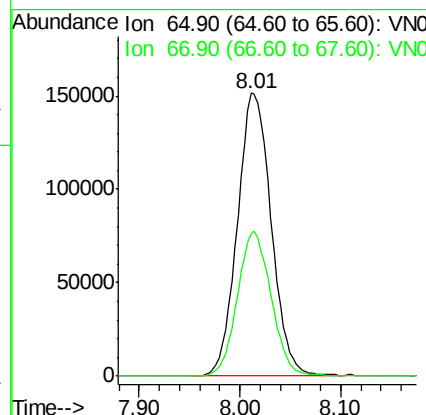
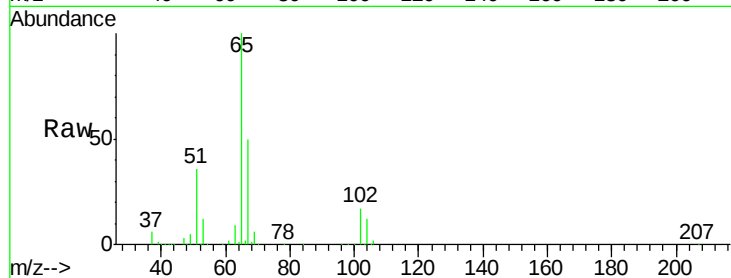




#33
 1,2-Dichloroethane-d4
 Concen: 51.238 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058126.D
 Acq: 16 Sep 2019 17:57

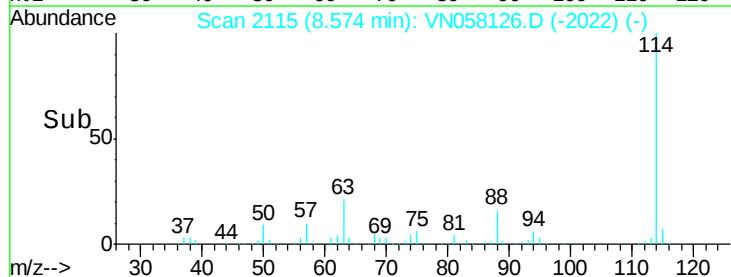
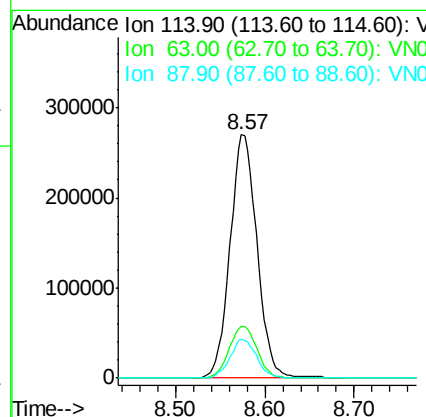
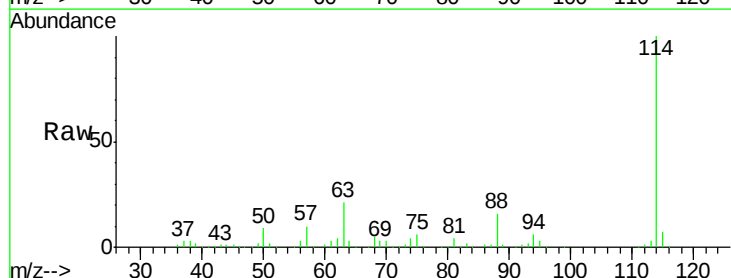
Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-2-8

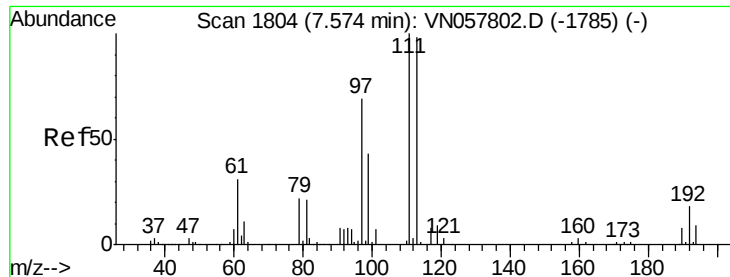
Tot Ion: 65 Resp: 353202
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058126.D
 Acq: 16 Sep 2019 17:57

Tgt Ion: 114 Resp: 564706
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 44.0
 88 15.9 0.0 31.4

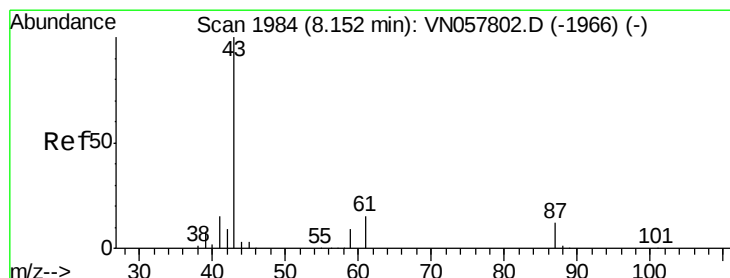
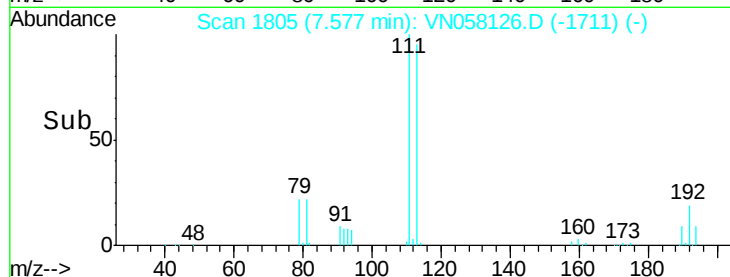
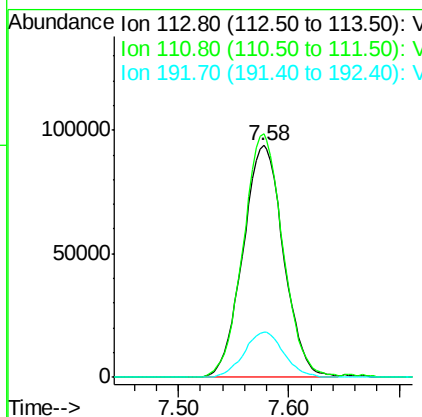
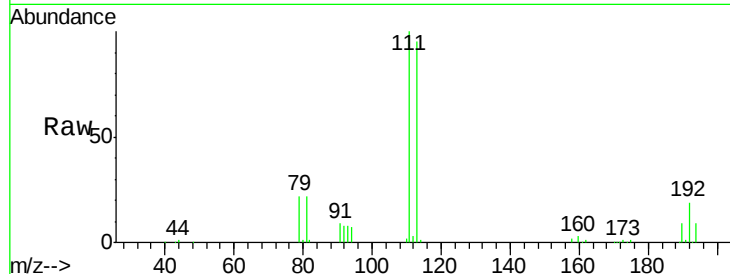




#35
 Dibromofluoromethane
 Concen: 45.910 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058126.D
 Acq: 16 Sep 2019 17:57

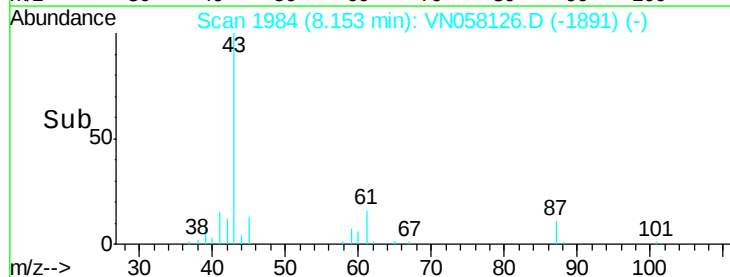
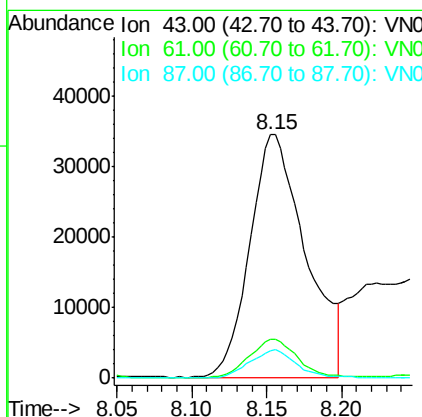
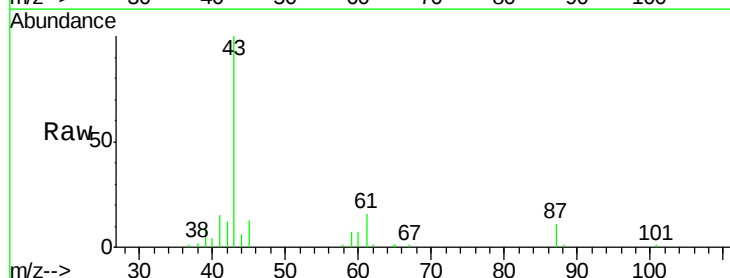
Instrument :
 MSVOA_N
 ClientSampled :
 CSA-2-8

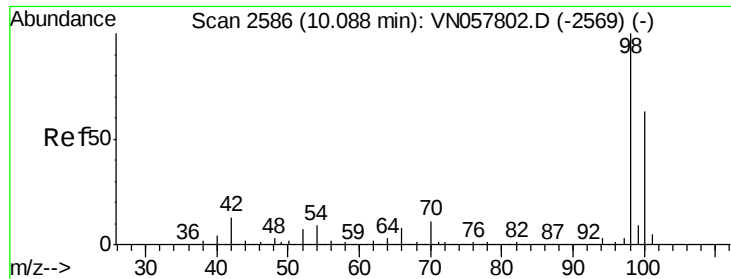
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.3	121.9
192	19.3	14.6	22.0



#43
 Isopropyl Acetate
 Concen: 7.928 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VN058126.D
 Acq: 16 Sep 2019 17:57

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.8	20.1	30.1#
87	9.6	9.5	14.3





#50

Toluene-d8

Concen: 47.026 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058126.D

Acq: 16 Sep 2019 17:57

Instrument :

MSVOA_N

ClientSampled :

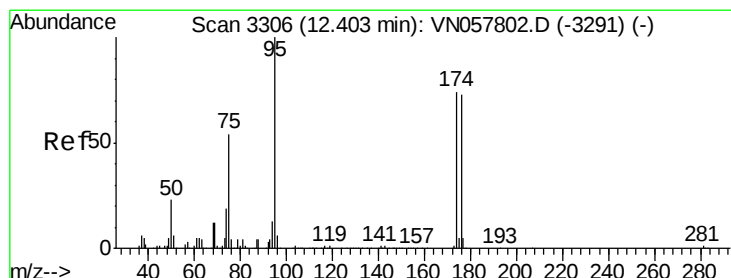
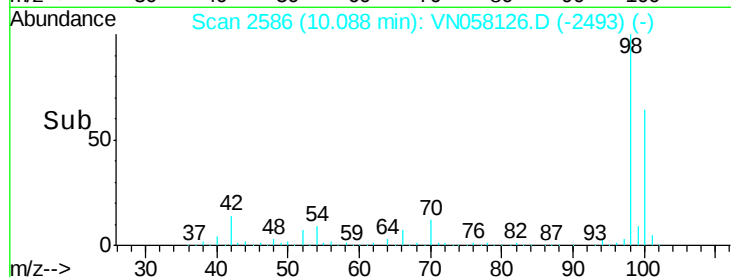
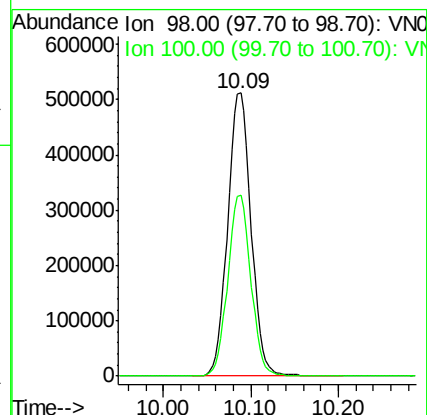
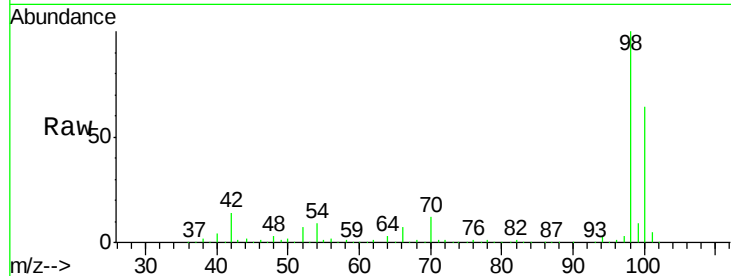
CSA-2-8

Tot Ion: 98 Resp: 951612

Ion Ratio Lower Upper

98 100

100 62.8 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 40.859 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058126.D

Acq: 16 Sep 2019 17:57

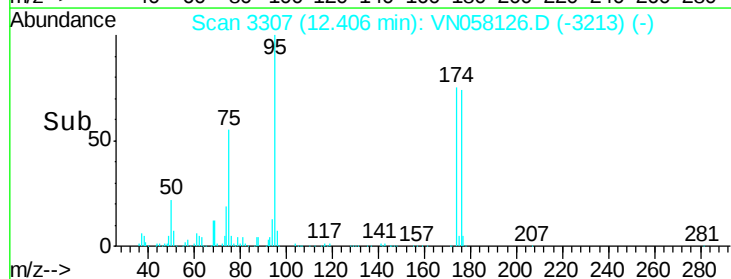
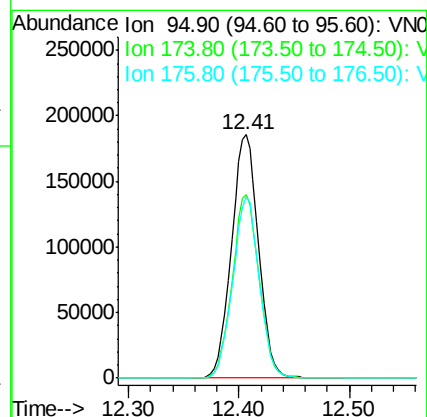
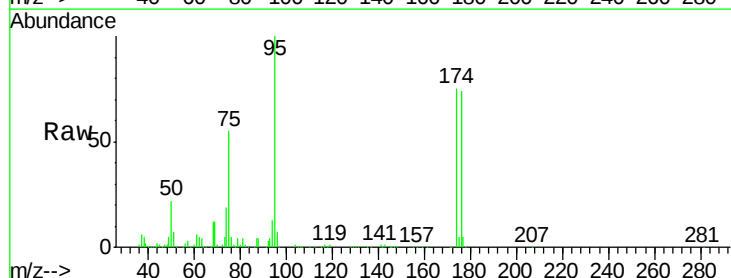
Tgt Ion: 95 Resp: 315093

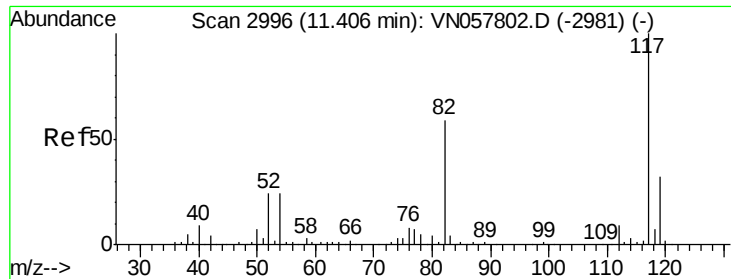
Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.2

176 72.9 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058126.D

Acq: 16 Sep 2019 17:57

Instrument :

MSVOA_N

ClientSampleId :

CSA-2-8

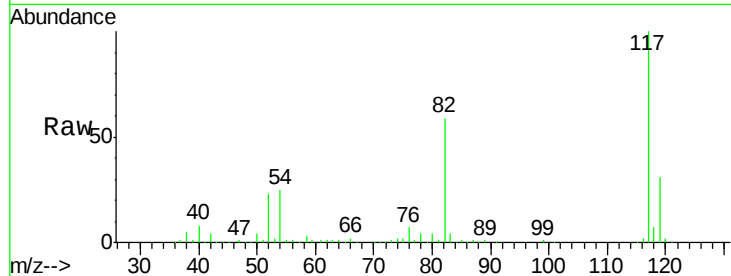
Tot Ion:117 Resp: 521290

Ion Ratio Lower Upper

117 100

82 58.9 47.2 70.8

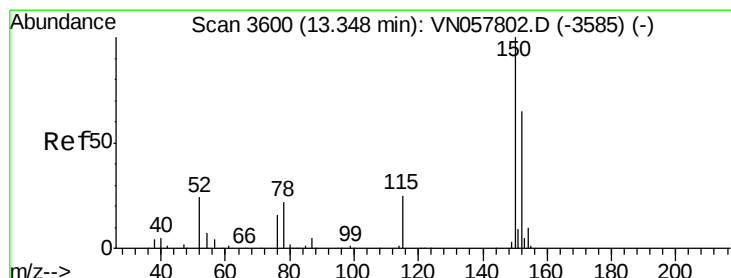
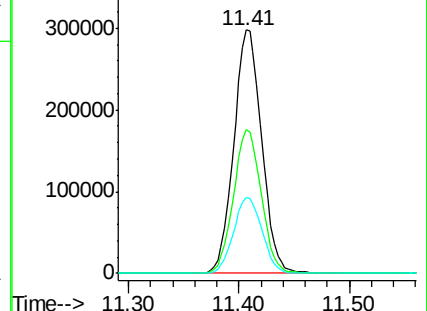
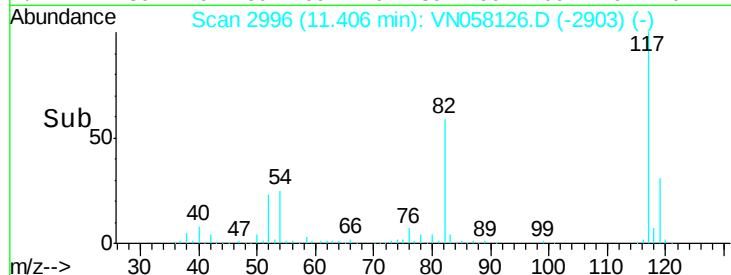
119 31.0 25.3 37.9



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: VN058126.D

Acq: 16 Sep 2019 17:57

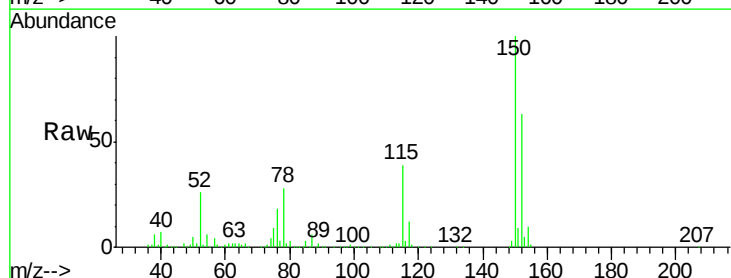
Tgt Ion:152 Resp: 277641

Ion Ratio Lower Upper

152 100

115 60.2 30.3 91.0

150 157.5 0.0 352.4



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

