

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102919\
 Data File : VN059002.D
 Acq On : 29 Oct 2019 12:05
 Operator : JC/SP
 Sample : K5587-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-2-1-10

Quant Time: Oct 30 03:40:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

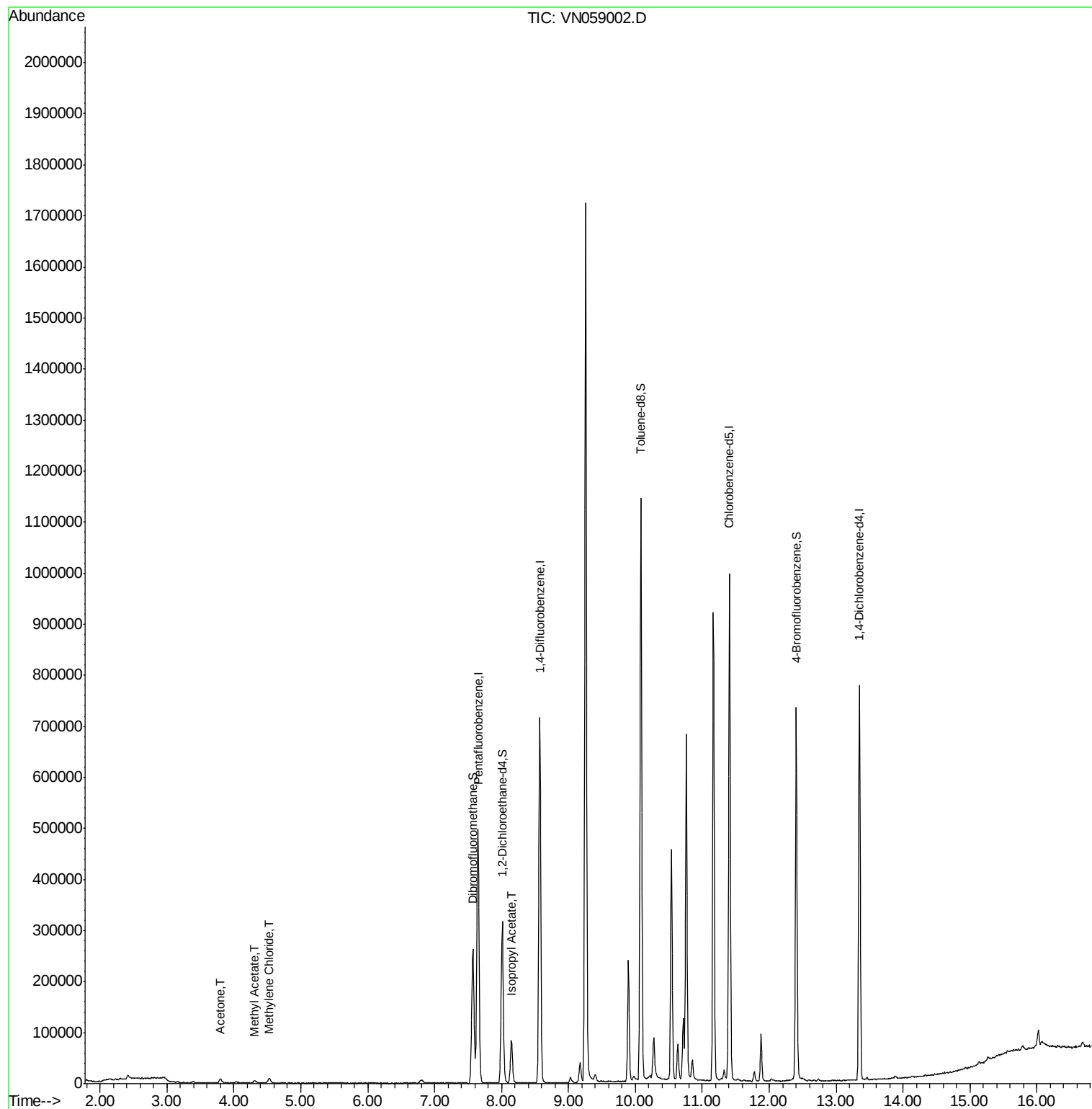
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	400783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	625492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	567842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	207736	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	271688	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
35) Dibromofluoromethane	7.57	113	203228	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	10.08	98	796380	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.40	95	251898	42.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.94%	
Target Compounds						
16) Acetone	3.80	43	15433	5.313	ug/l	93
18) Methyl Acetate	4.30	43	7119	1.078	ug/l #	87
20) Methylene Chloride	4.53	84	6942	1.400	ug/l	98
43) Isopropyl Acetate	8.15	43	98649	8.815	ug/l #	91

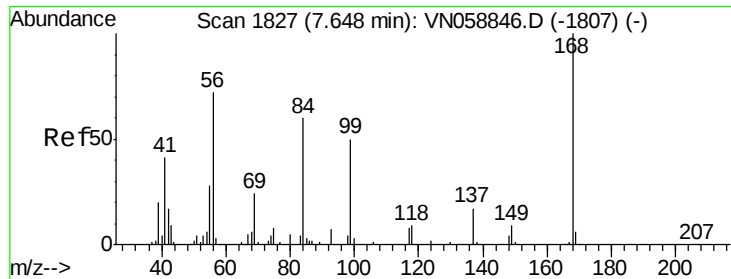
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059002.D

Acq: 29 Oct 2019 12:05

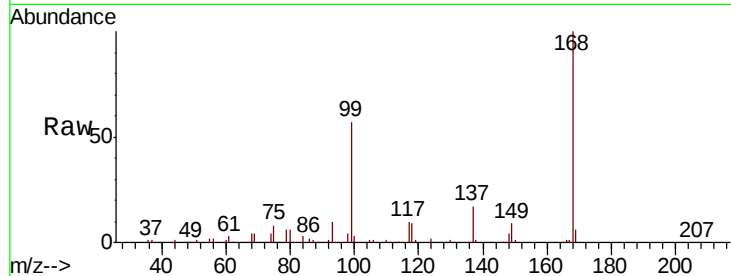
Instrument :
MSVOA_N
ClientSampleId :
CSA-2-1-10

Tot Ion:168 Resp: 400783

Ion Ratio Lower Upper

168 100

99 57.1 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

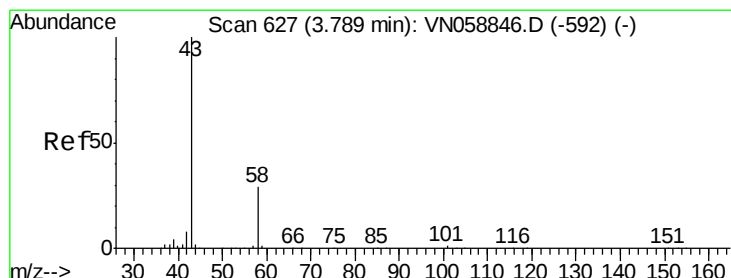
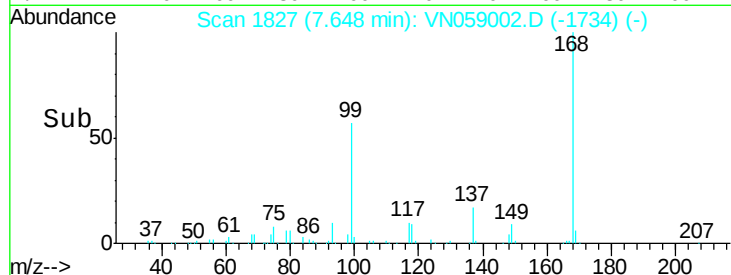
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.313 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059002.D

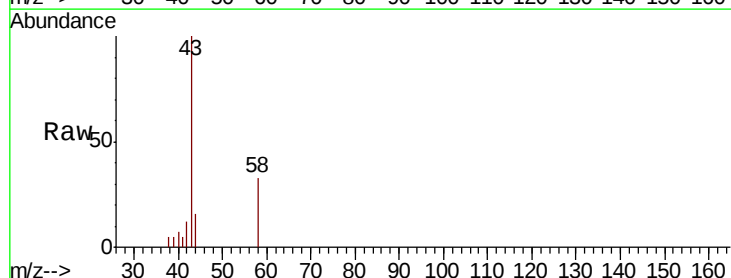
Acq: 29 Oct 2019 12:05

Tgt Ion: 43 Resp: 15433

Ion Ratio Lower Upper

43 100

58 32.7 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

6000

5000

4000

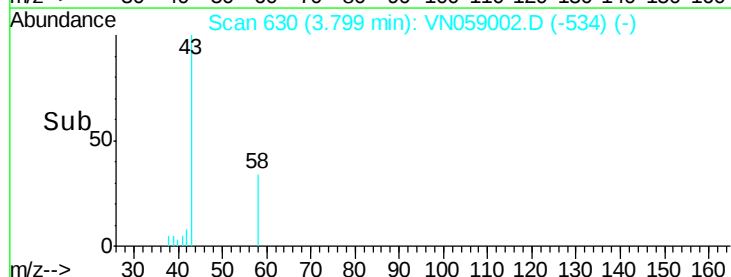
3000

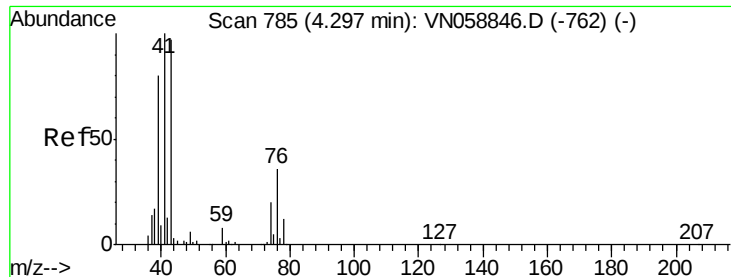
2000

1000

0

Time-->





#18

Methyl Acetate

Concen: 1.078 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.01 min

Lab File: VN059002.D

Acq: 29 Oct 2019 12:05

Instrument :

MSVOA_N

ClientSampled :

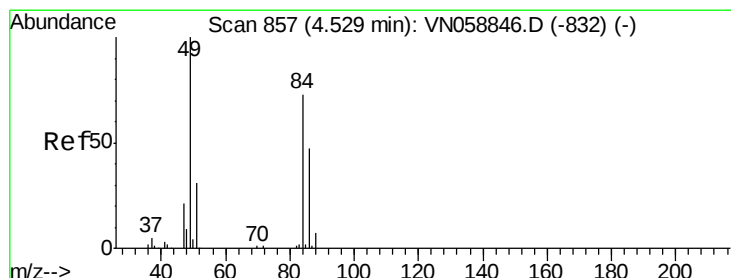
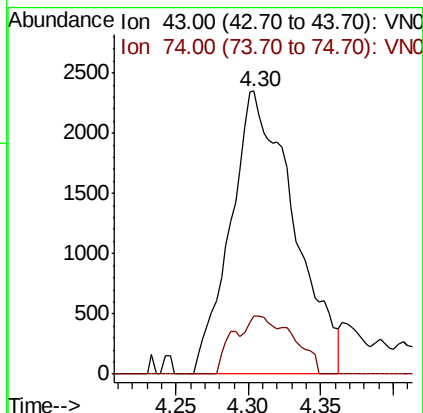
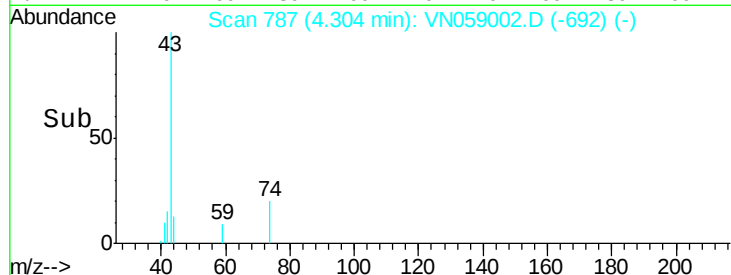
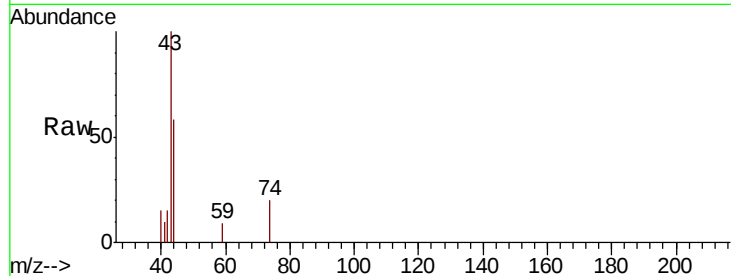
CSA-2-1-10

Tot Ion: 43 Resp: 7119

Ion Ratio Lower Upper

43 100

74 15.1 17.1 25.7#



#20

Methylene Chloride

Concen: 1.400 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN059002.D

Acq: 29 Oct 2019 12:05

Tgt Ion: 84 Resp: 6942

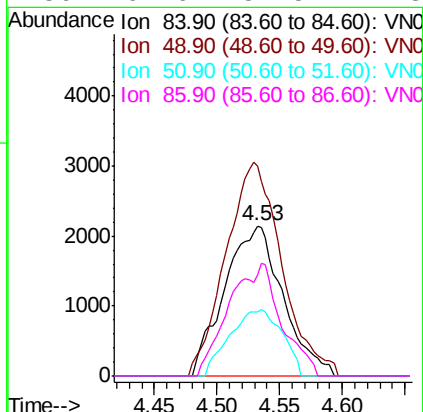
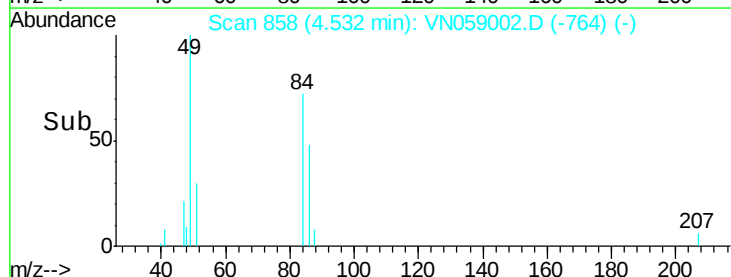
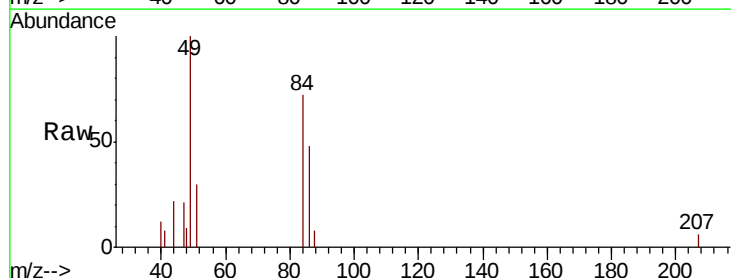
Ion Ratio Lower Upper

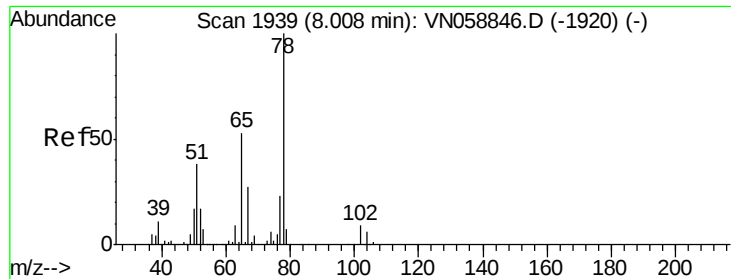
84 100

49 139.4 109.6 164.4

51 42.2 33.8 50.6

86 67.6 51.5 77.3

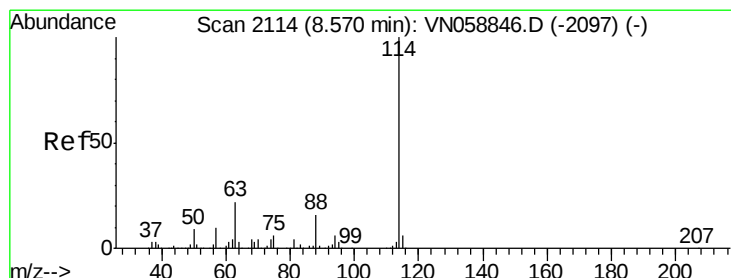
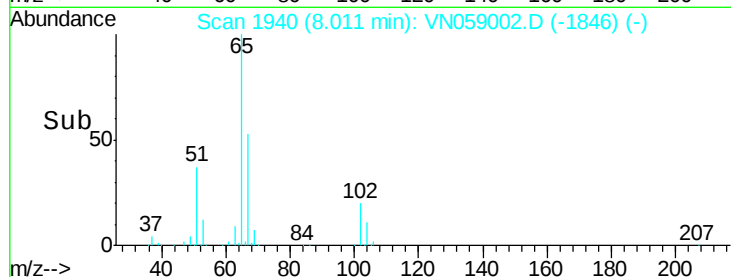
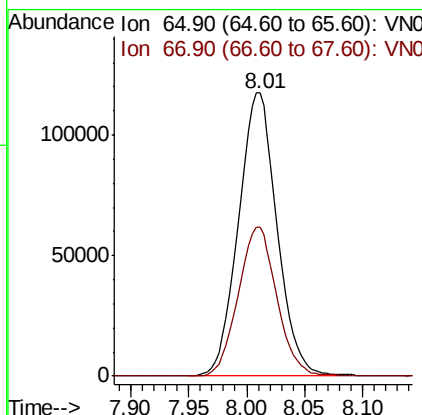
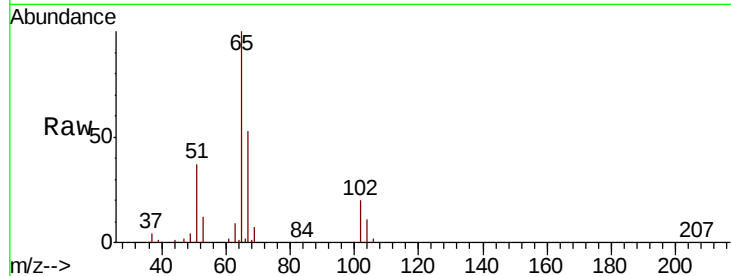




#33
 1,2-Dichloroethane-d4
 Concen: 46.220 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN059002.D
 Acq: 29 Oct 2019 12:05

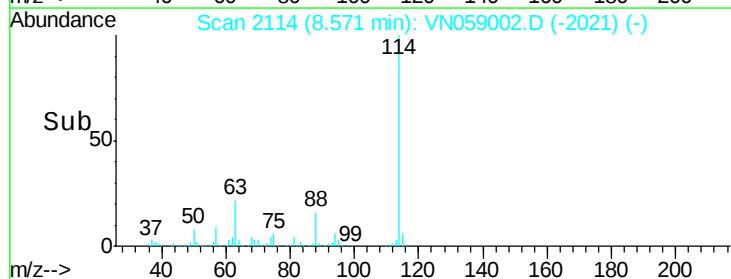
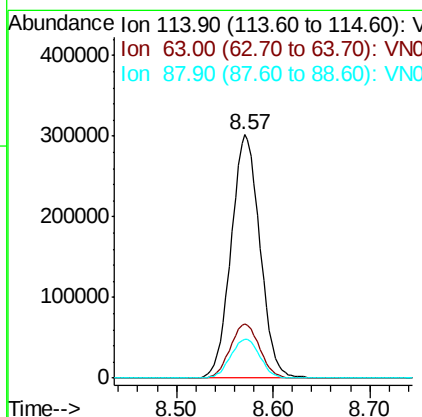
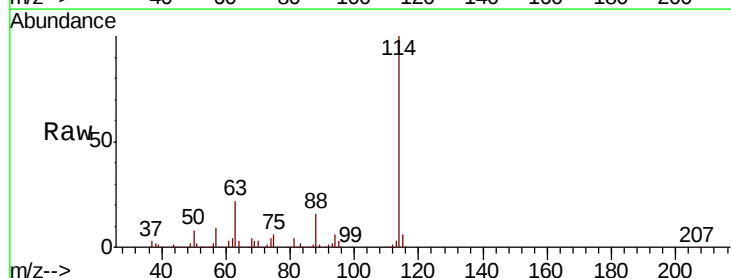
Instrument :
 MSVOA_N
 ClientSampled :
 CSA-2-1-10

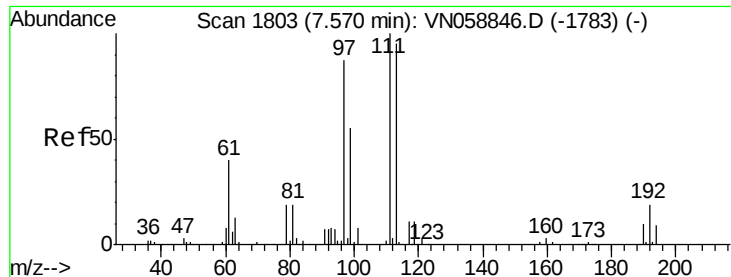
Tot Ion: 65 Resp: 271688
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059002.D
 Acq: 29 Oct 2019 12:05

Tgt Ion: 114 Resp: 625492
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.4
 88 16.0 0.0 31.4

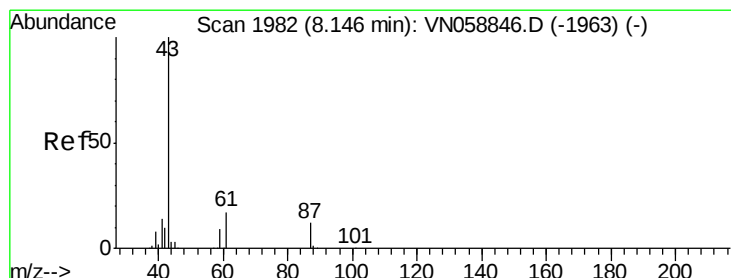
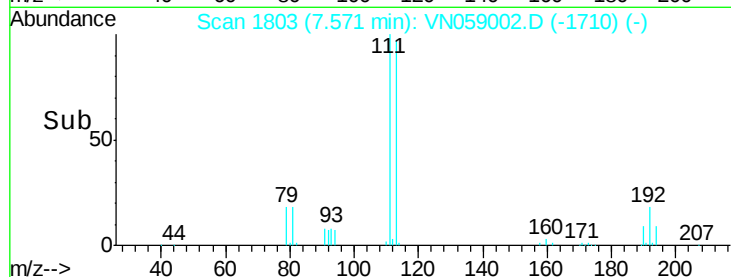
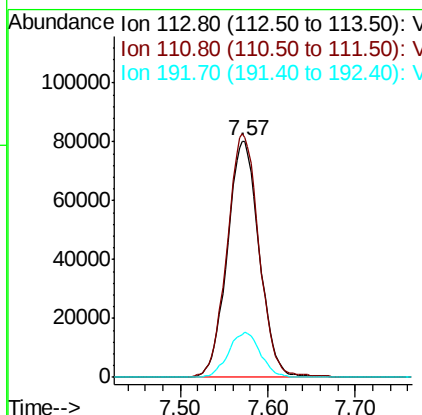
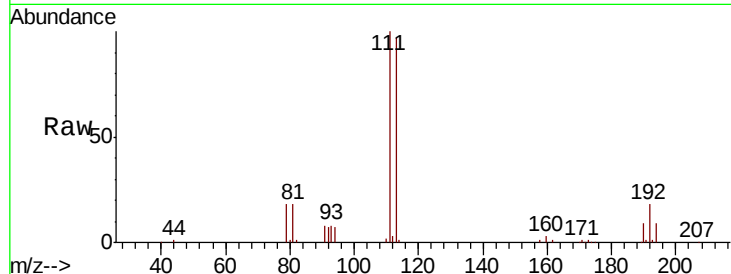




#35
Dibromofluoromethane
Concen: 49.418 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059002.D
Acq: 29 Oct 2019 12:05

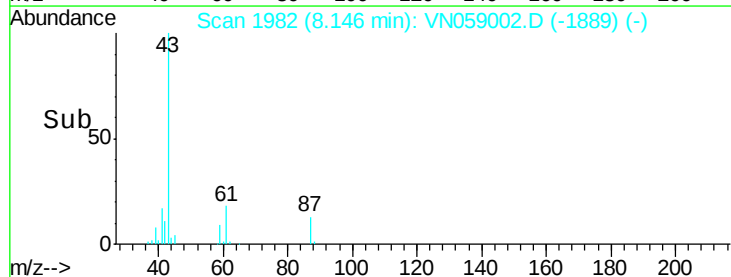
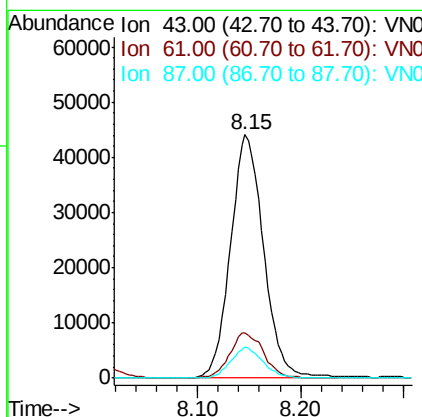
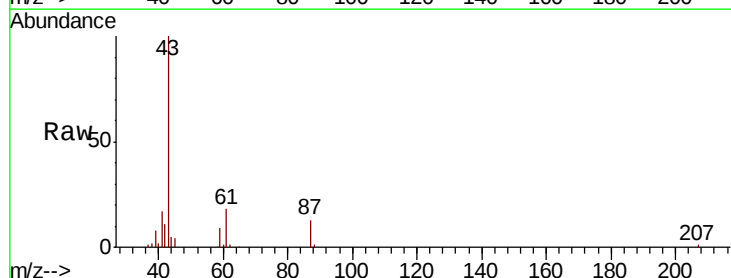
Instrument :
MSVOA_N
ClientSampled :
CSA-2-1-10

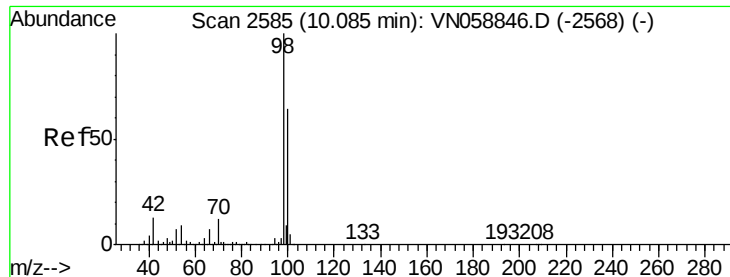
Tot Ion:113 Resp: 203228
Ion Ratio Lower Upper
113 100
111 102.9 82.0 123.0
192 19.2 15.0 22.6



#43
Isopropyl Acetate
Concen: 8.815 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059002.D
Acq: 29 Oct 2019 12:05

Tgt Ion: 43 Resp: 98649
Ion Ratio Lower Upper
43 100
61 19.0 20.2 30.2#
87 12.3 9.5 14.3





#50

Toluene-d8

Concen: 49.886 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059002.D

Acq: 29 Oct 2019 12:05

Instrument :

MSVOA_N

ClientSampleId :

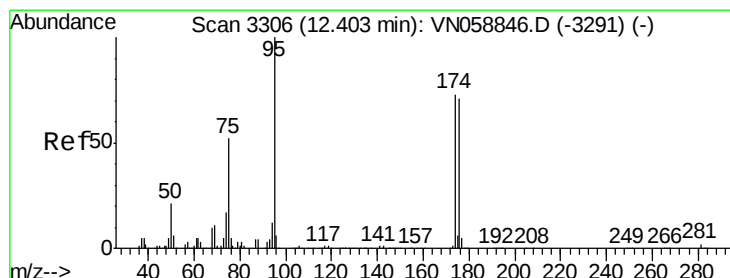
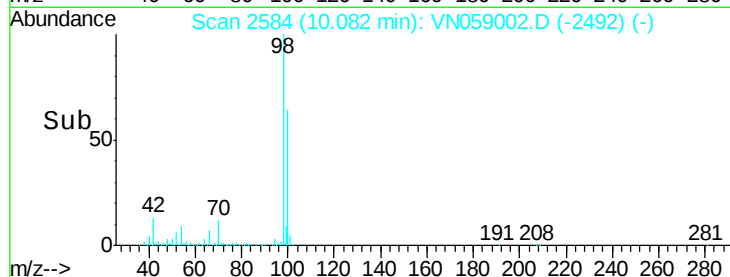
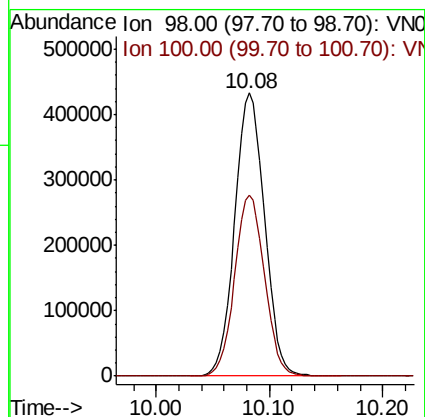
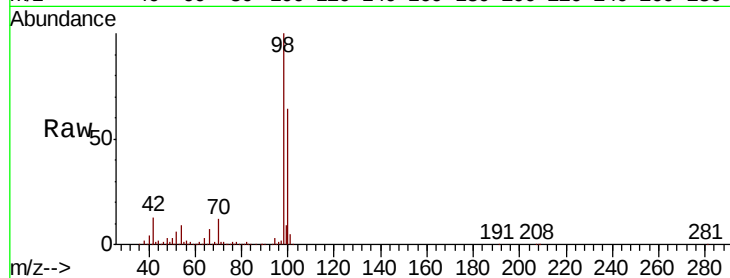
CSA-2-1-10

Tot Ion: 98 Resp: 796380

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 42.969 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059002.D

Acq: 29 Oct 2019 12:05

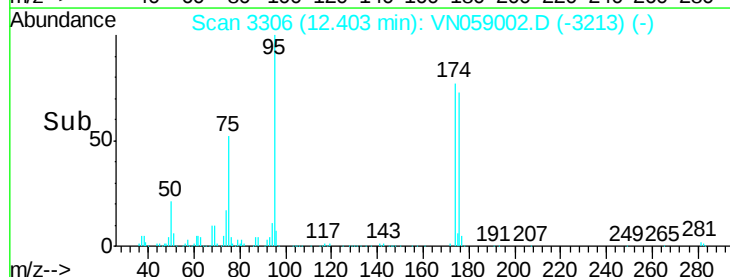
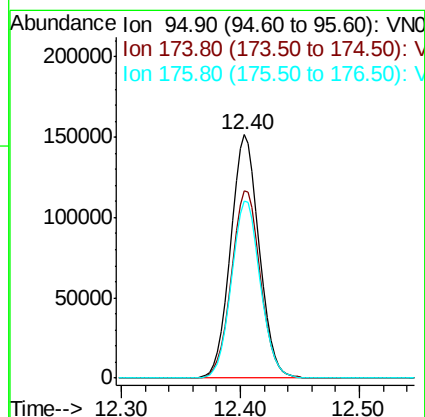
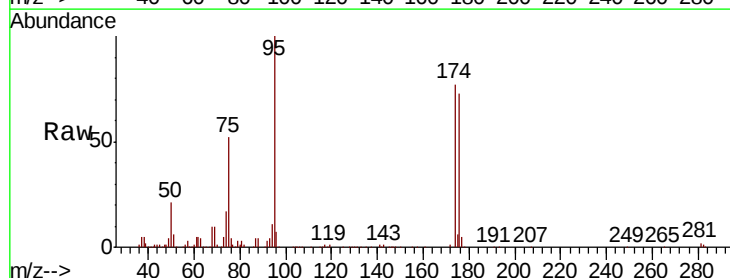
Tgt Ion: 95 Resp: 251898

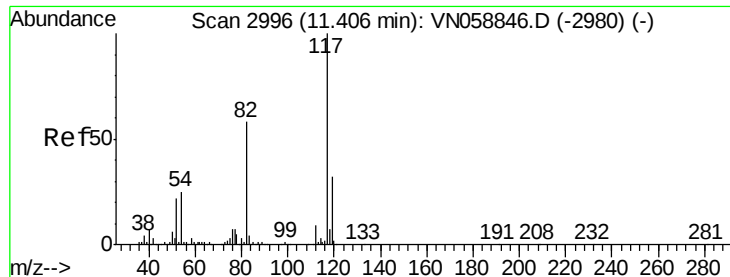
Ion Ratio Lower Upper

95 100

174 78.1 0.0 147.6

176 73.6 0.0 143.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059002.D

Acq: 29 Oct 2019 12:05

Instrument :

MSVOA_N

ClientSampled :

CSA-2-1-10

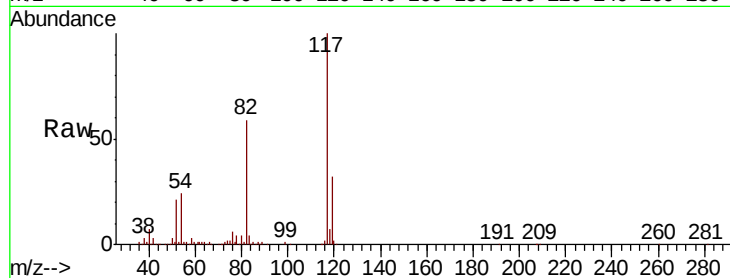
Tot Ion:117 Resp: 567842

Ion Ratio Lower Upper

117 100

82 58.6 46.6 69.8

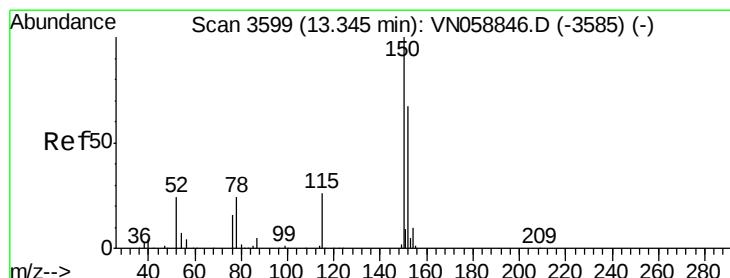
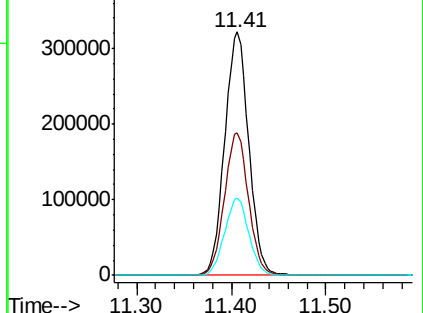
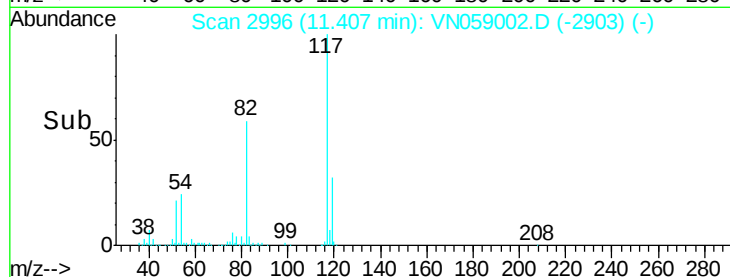
119 31.8 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN059002.D

Acq: 29 Oct 2019 12:05

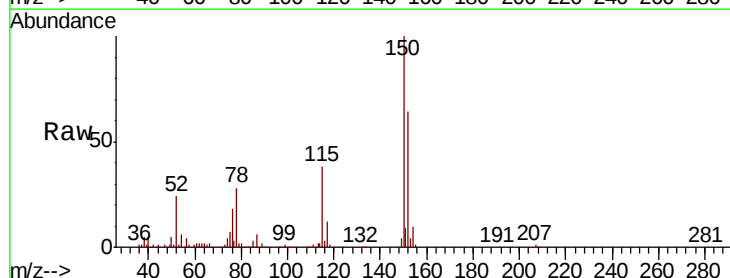
Tgt Ion:152 Resp: 207736

Ion Ratio Lower Upper

152 100

115 60.1 30.5 91.5

150 156.3 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

