

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102919\
 Data File : VN059003.D
 Acq On : 29 Oct 2019 12:27
 Operator : JC/SP
 Sample : K5587-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-2-1-11

Quant Time: Oct 30 03:43:50 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

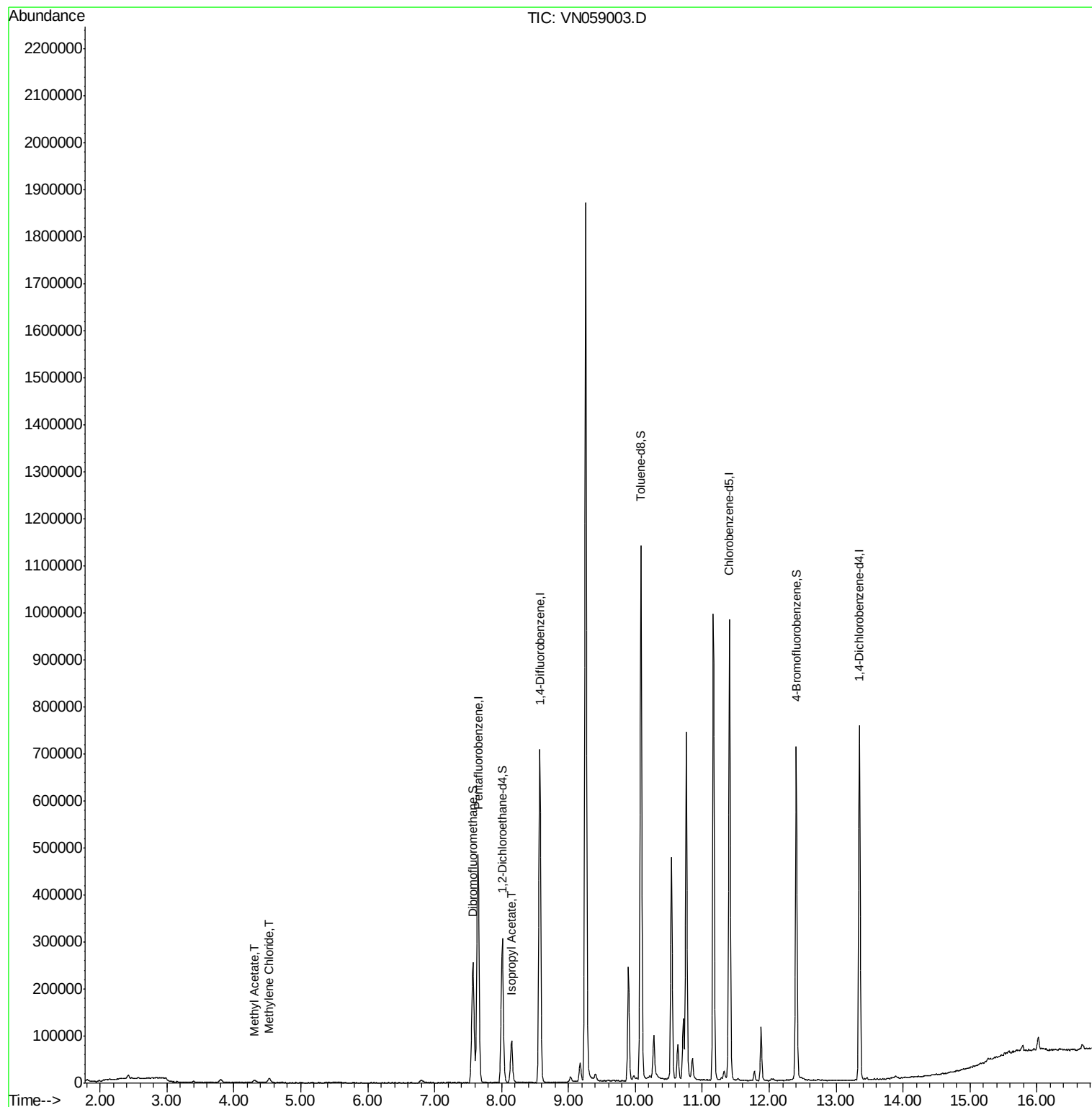
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	387970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	612689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	557973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	197430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	270835	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
35) Dibromofluoromethane	7.57	113	196814	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	10.08	98	782058	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	246491	42.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.84%	
Target Compounds						
18) Methyl Acetate	4.31	43	9643	1.508	ug/l	94
20) Methylene Chloride	4.53	84	6837	1.424	ug/l	94
43) Isopropyl Acetate	8.15	43	103621	9.453	ug/l #	93

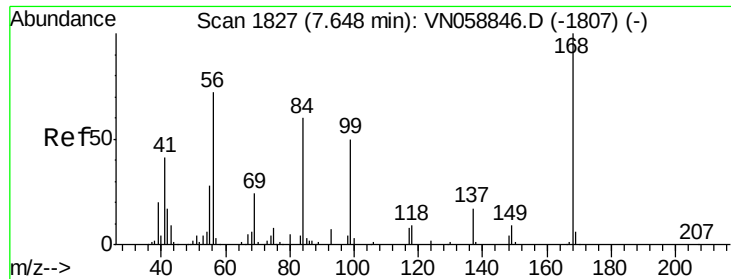
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102919\
Data File : VN059003.D
Acq On : 29 Oct 2019 12:27
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Sample : K5587-09
Misc : 5.00mL/MSVOA N/WATER
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QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059003.D

Acq: 29 Oct 2019 12:27

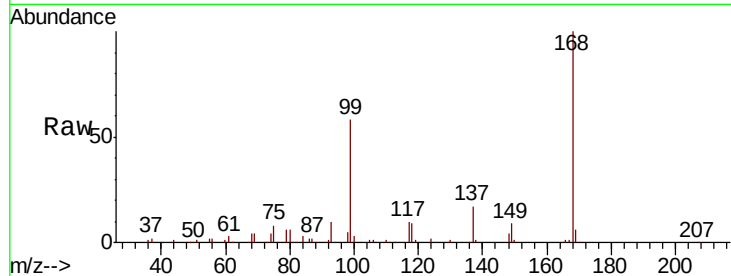
Instrument :
MSVOA_N
ClientSampled :
CSA-2-1-11

Tot Ion:168 Resp: 387970

Ion Ratio Lower Upper

168 100

99 57.9 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

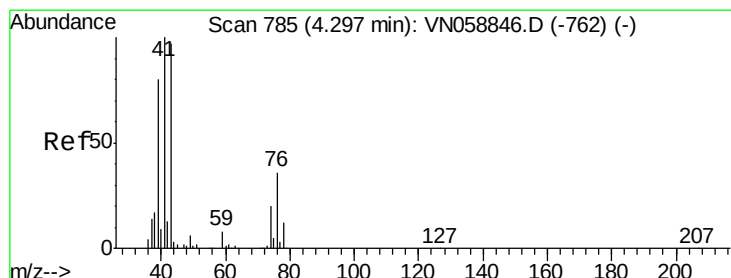
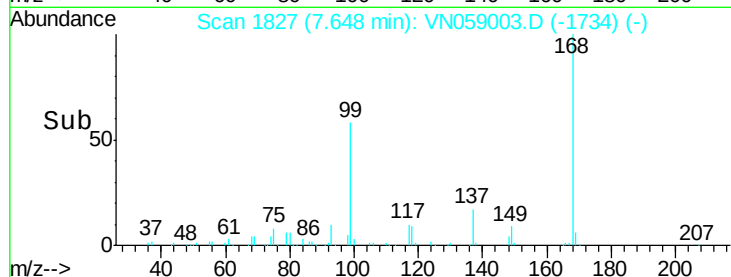
100000

50000

0

7.60 7.70

Time-->



#18

Methyl Acetate

Concen: 1.508 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.01 min

Lab File: VN059003.D

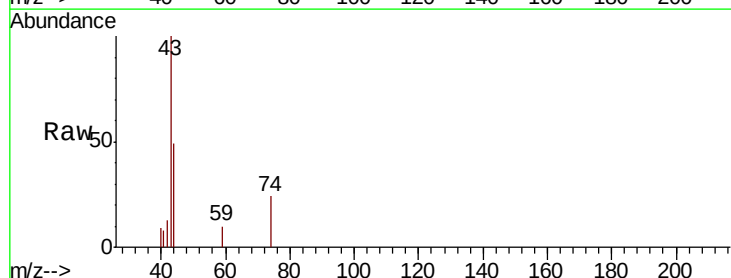
Acq: 29 Oct 2019 12:27

Tgt Ion: 43 Resp: 9643

Ion Ratio Lower Upper

43 100

74 18.7 17.1 25.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.31

3000

2500

2000

1500

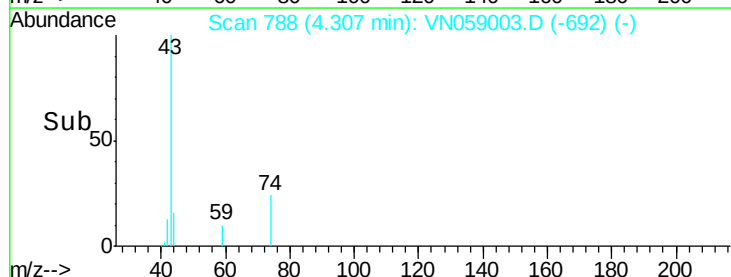
1000

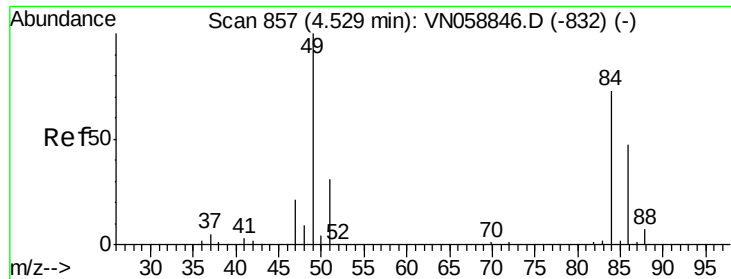
500

0

4.20 4.25 4.30 4.35 4.40

Time-->

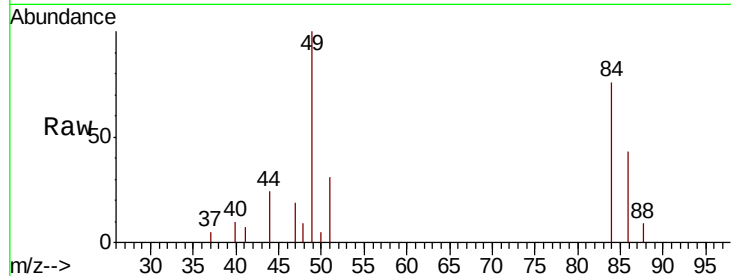




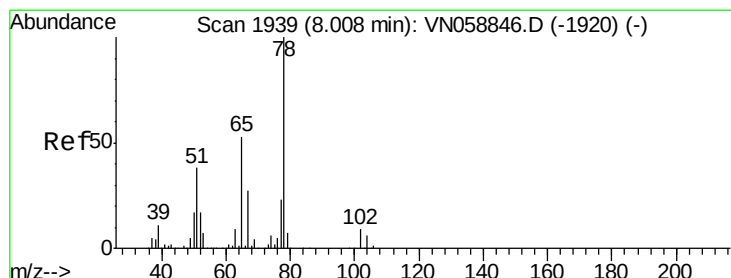
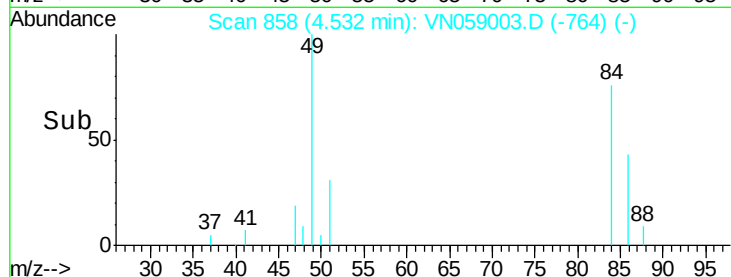
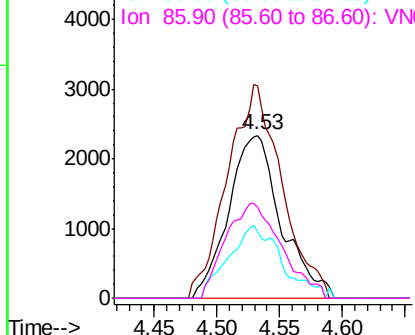
#20
Methylene Chloride
Concen: 1.424 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN059003.D
Acq: 29 Oct 2019 12:27

Instrument :
MSVOA_N
ClientSampled :
CSA-2-1-11

Tot Ion: 84 Resp: 6837
Ion Ratio Lower Upper
84 100
49 130.8 109.6 164.4
51 41.2 33.8 50.6
86 56.2 51.5 77.3

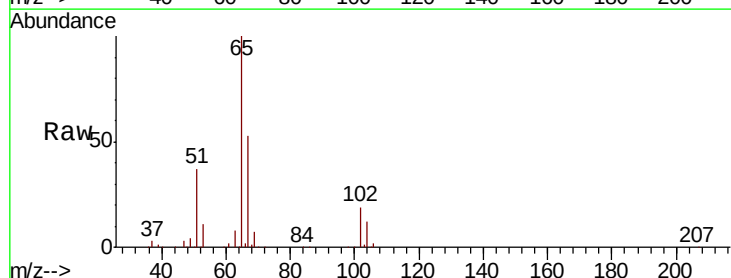


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

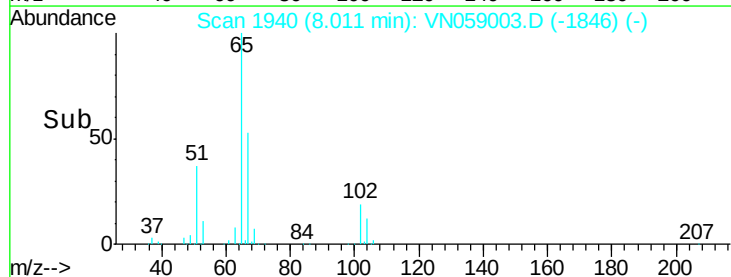
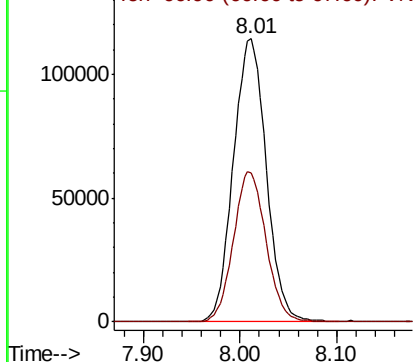


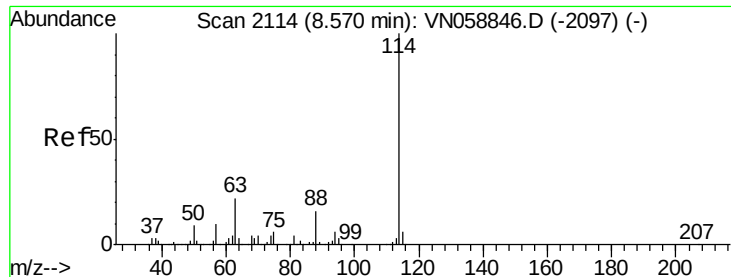
#33
1,2-Dichloroethane-d4
Concen: 47.597 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN059003.D
Acq: 29 Oct 2019 12:27

Tgt Ion: 65 Resp: 270835
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

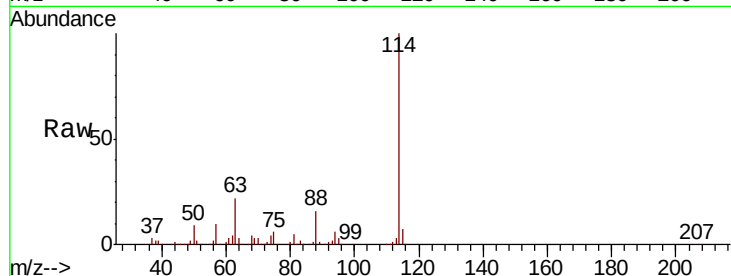




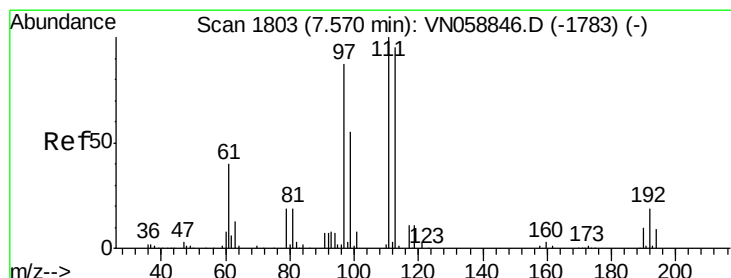
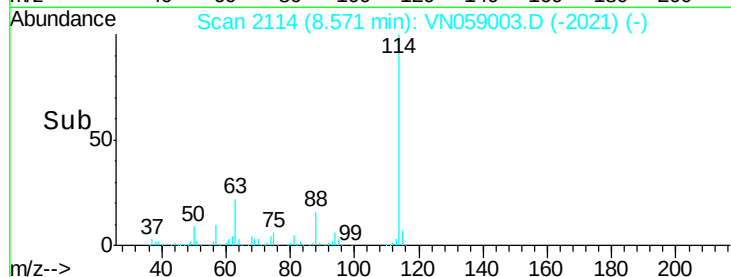
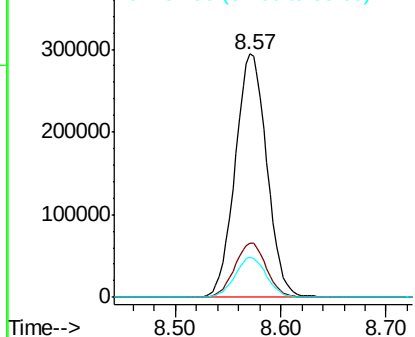
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059003.D
 Acq: 29 Oct 2019 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-2-1-11

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.4
88	16.4	0.0	31.4

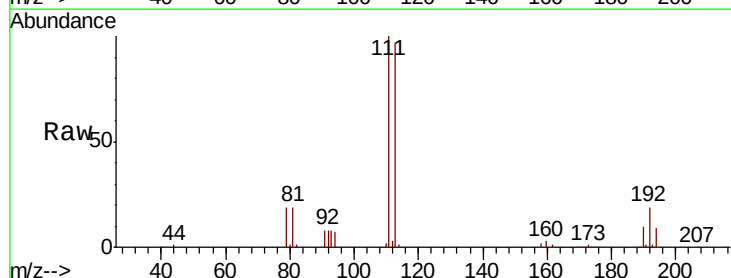


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

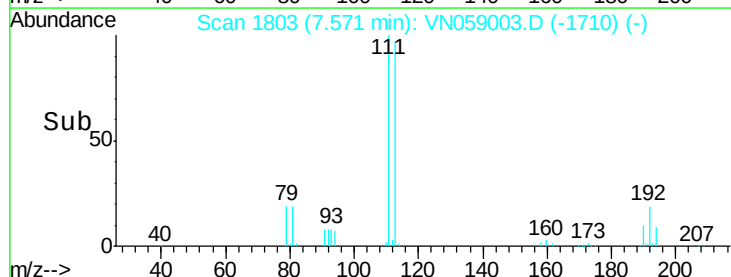
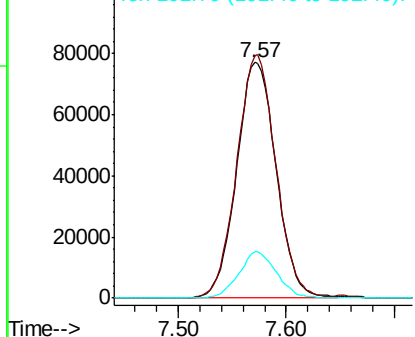


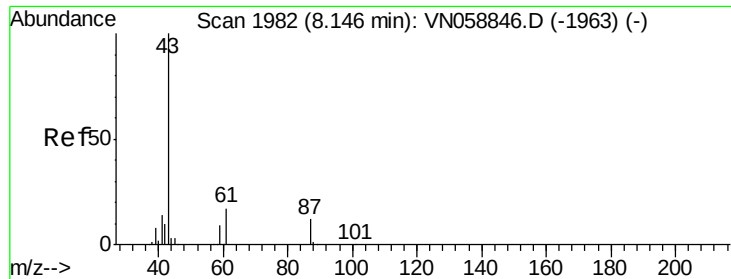
#35
 Dibromofluoromethane
 Concen: 48.858 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059003.D
 Acq: 29 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	18.9	15.0	22.6



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





#43

Isopropyl Acetate

Concen: 9.453 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN059003.D

Acq: 29 Oct 2019 12:27

Instrument :

MSVOA_N

ClientSampled :

CSA-2-1-11

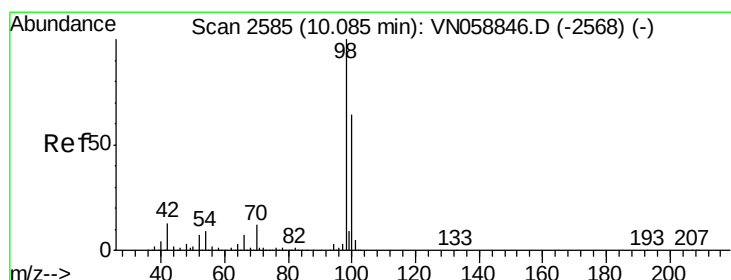
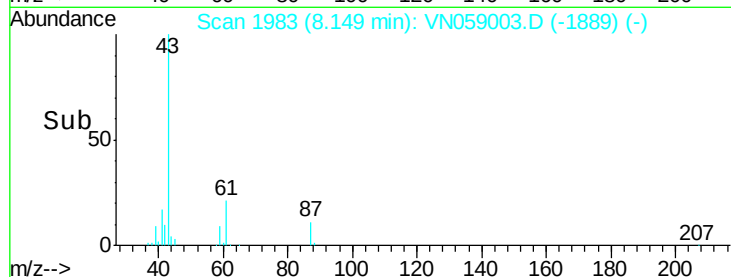
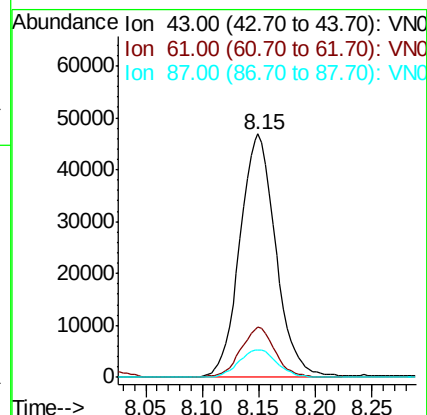
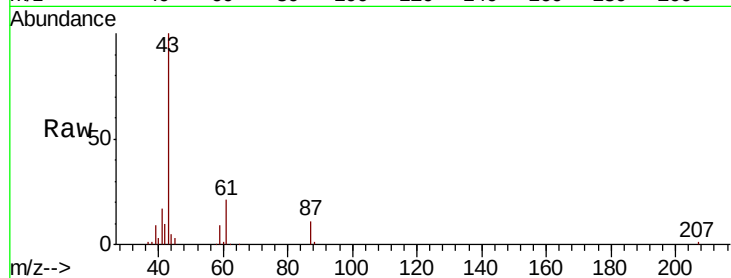
Tot Ion: 43 Resp: 103621

Ion Ratio Lower Upper

43 100

61 19.8 20.2 30.2#

87 12.0 9.5 14.3



#50

Toluene-d8

Concen: 50.013 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059003.D

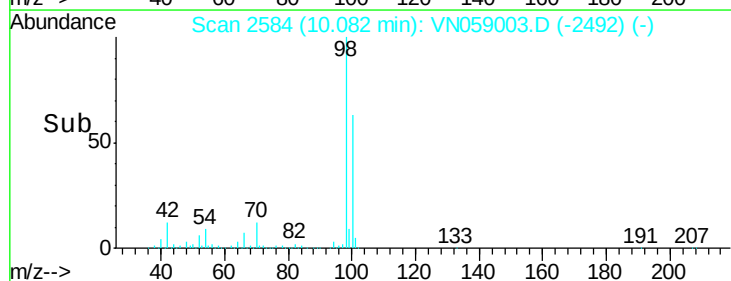
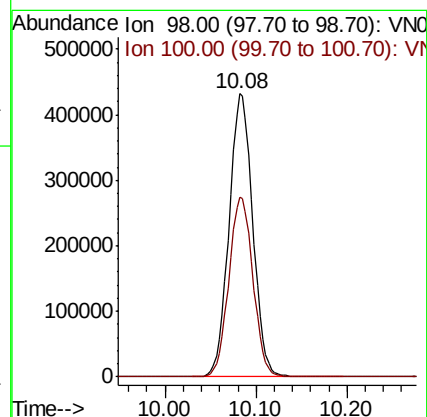
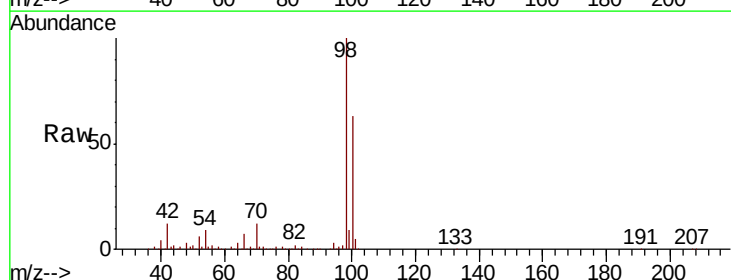
Acq: 29 Oct 2019 12:27

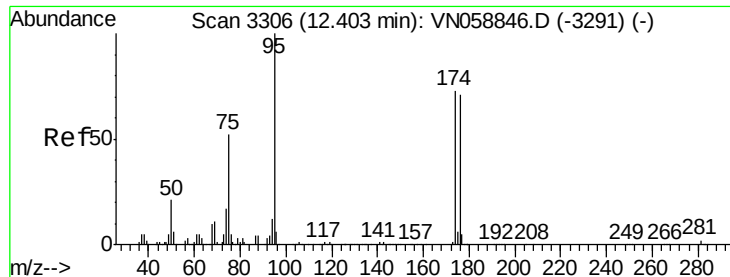
Tgt Ion: 98 Resp: 782058

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 42.925 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059003.D

Acq: 29 Oct 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

CSA-2-1-11

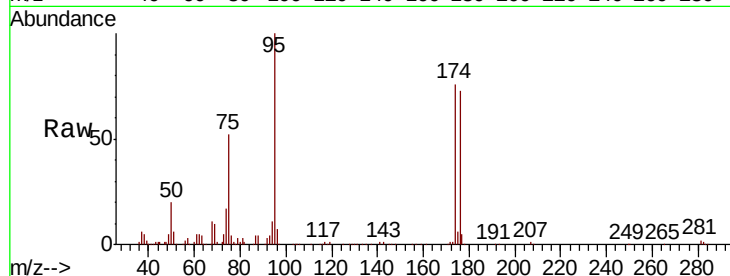
Tot Ion: 95 Resp: 246491

Ion Ratio Lower Upper

95 100

174 76.7 0.0 147.6

176 73.6 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058846.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058846.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058846.D (-3291) (-)

12.40

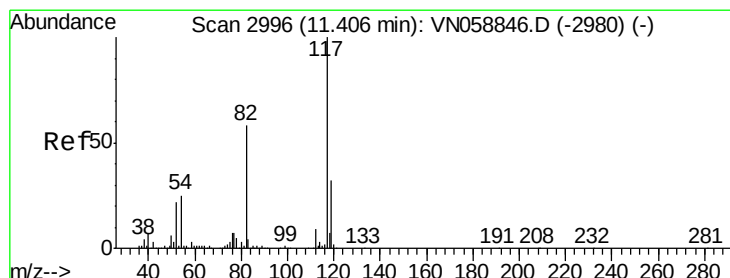
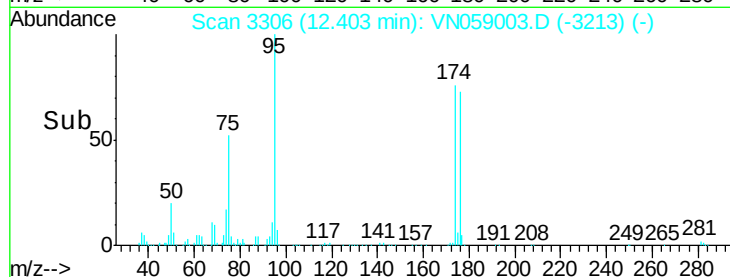
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059003.D

Acq: 29 Oct 2019 12:27

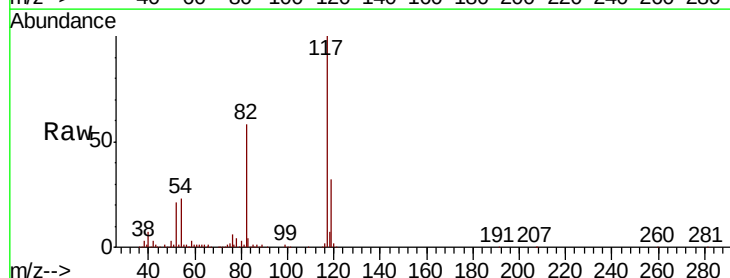
Tgt Ion: 117 Resp: 557973

Ion Ratio Lower Upper

117 100

82 58.0 46.6 69.8

119 31.8 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VN058846.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058846.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058846.D (-2980) (-)

11.41

400000

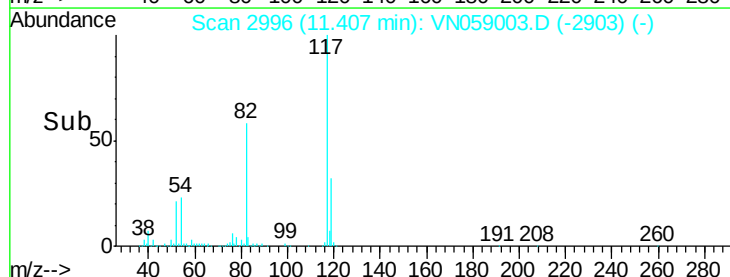
300000

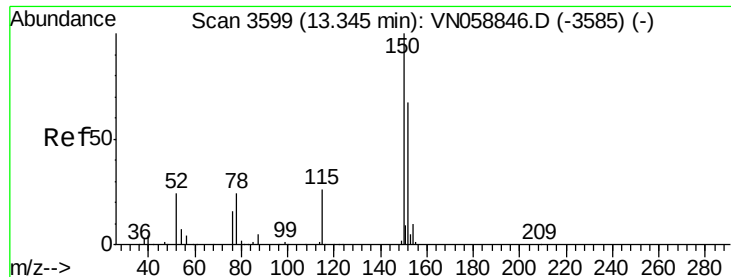
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059003.D

Acq: 29 Oct 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

CSA-2-1-11

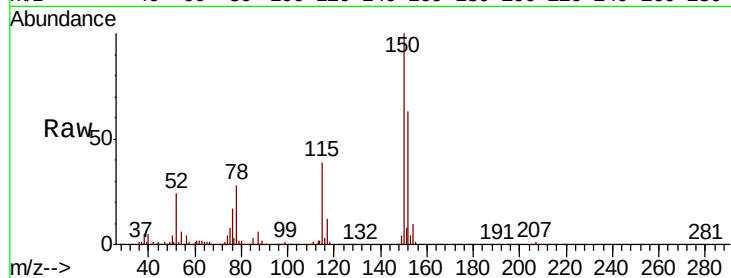
Tot Ion:152 Resp: 197430

Ion Ratio Lower Upper

152 100

115 61.1 30.5 91.5

150 158.1 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

