

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102819\
 Data File : VN058990.D
 Acq On : 28 Oct 2019 12:22
 Operator : JC/SP
 Sample : K5564-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Oct 29 13:56:05 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

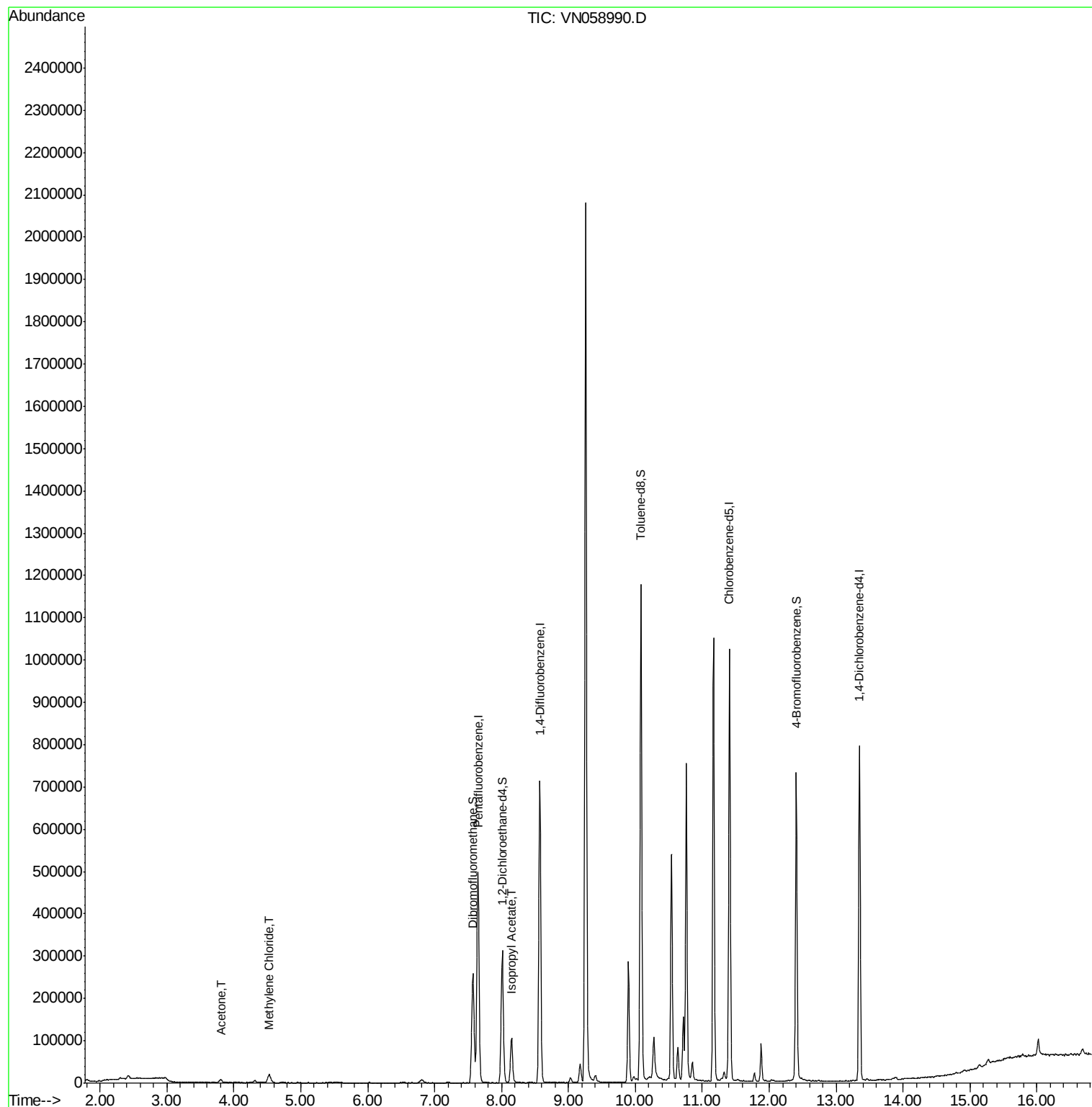
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	391685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	622767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	580671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	210754	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	275032	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
35) Dibromofluoromethane	7.57	113	202028	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
50) Toluene-d8	10.08	98	802135	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.40	95	256912	44.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.04%	
Target Compounds						
16) Acetone	3.80	43	13808	4.864	ug/l	99
20) Methylene Chloride	4.53	84	14603	3.013	ug/l	92
43) Isopropyl Acetate	8.15	43	126114	11.319	ug/l #	92

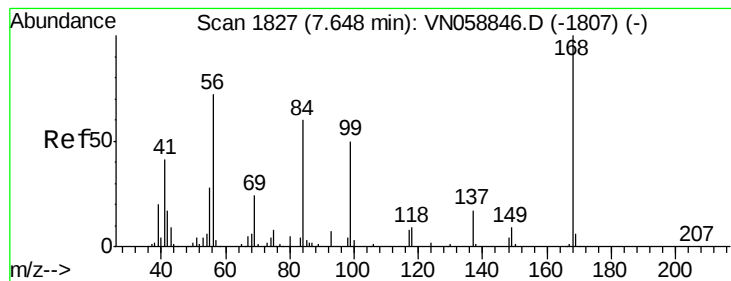
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102819\
Data File : VN058990.D
Acq On : 28 Oct 2019 12:22
Operator : JC/SP
Sample : K5564-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Oct 29 13:56:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
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: VN058990.D

Acq: 28 Oct 2019 12:22

Instrument :

MSVOA_N

ClientSampleId :

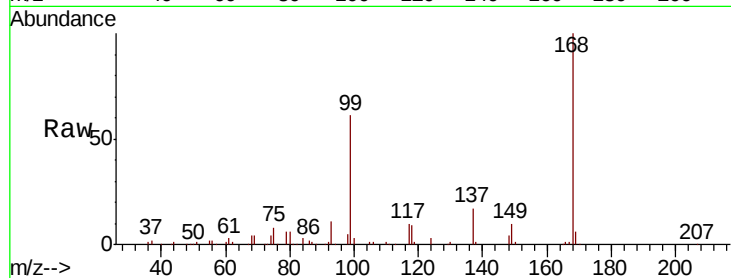
CSA-2-1-2

Tot Ion:168 Resp: 391685

Ion Ratio Lower Upper

168 100

99 60.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

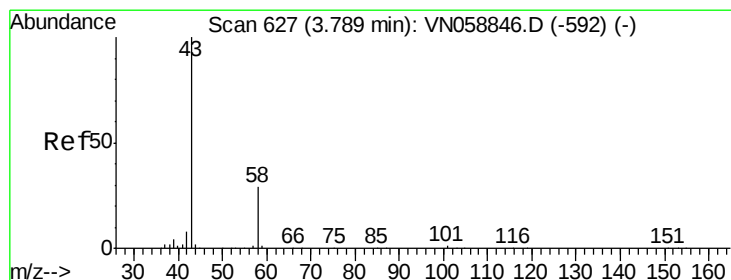
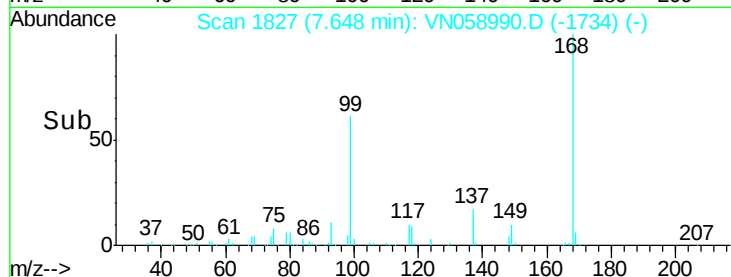
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 4.864 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN058990.D

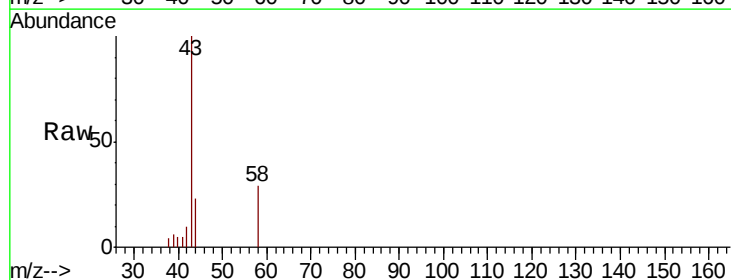
Acq: 28 Oct 2019 12:22

Tgt Ion: 43 Resp: 13808

Ion Ratio Lower Upper

43 100

58 28.5 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

5000

4000

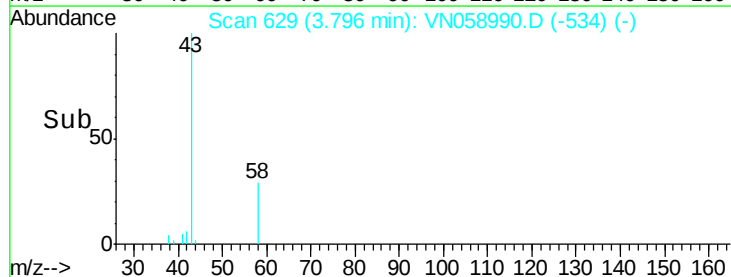
3000

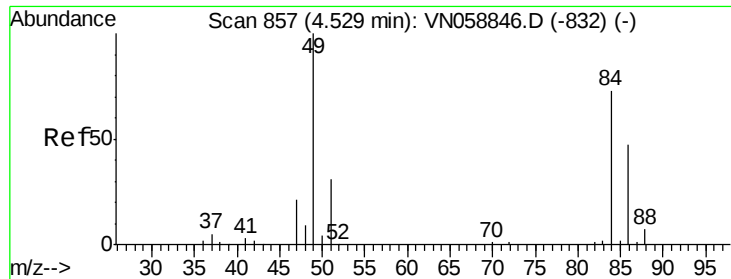
2000

1000

0

Time--> 3.70 3.80 3.90

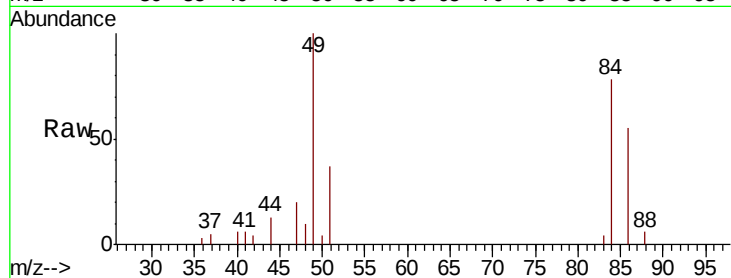




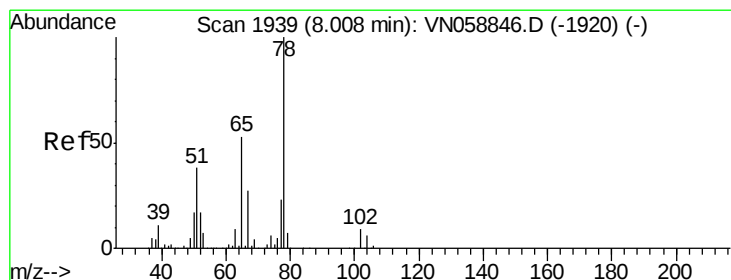
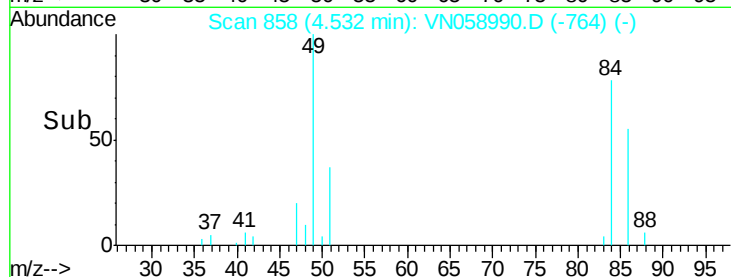
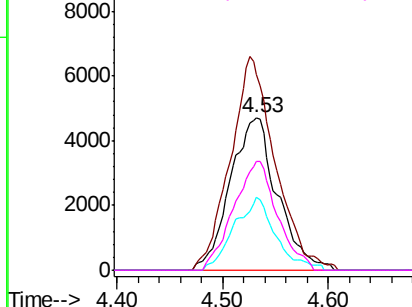
#20
Methvlene Chloride
Concen: 3.013 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN058990.D
Acq: 28 Oct 2019 12:22

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

Tot Ion: 84 Resp: 14603
Ion Ratio Lower Upper
84 100
49 128.5 109.6 164.4
51 47.8 33.8 50.6
86 71.3 51.5 77.3

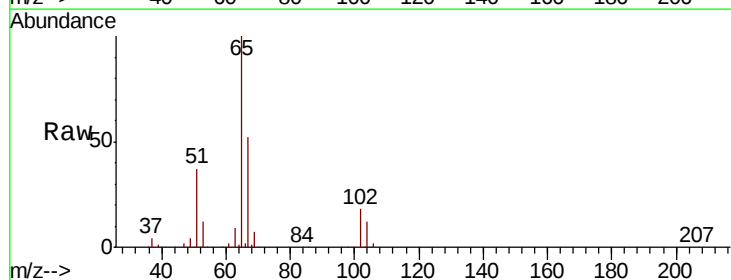


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

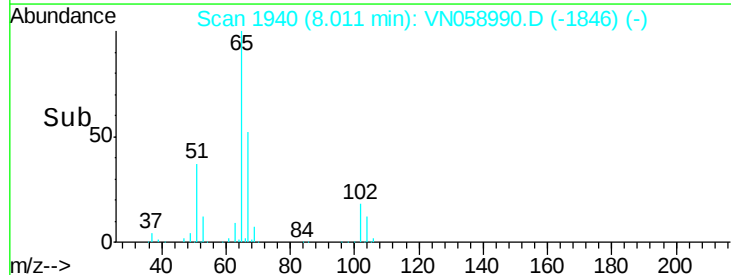
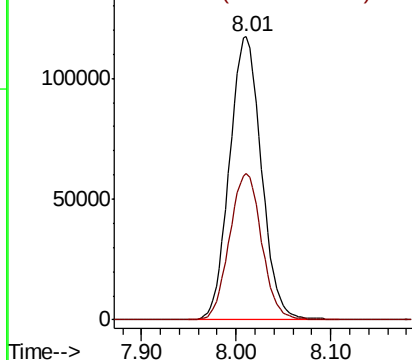


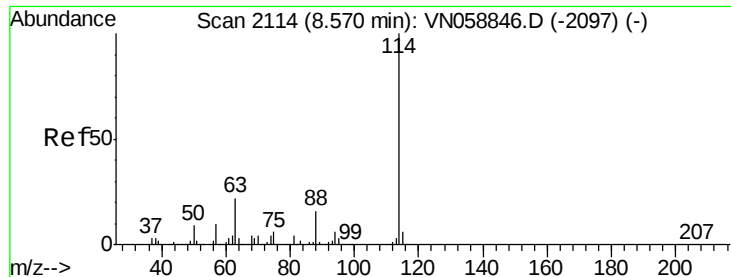
#33
1,2-Dichloroethane-d4
Concen: 47.876 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058990.D
Acq: 28 Oct 2019 12:22

Tgt Ion: 65 Resp: 275032
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.2



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

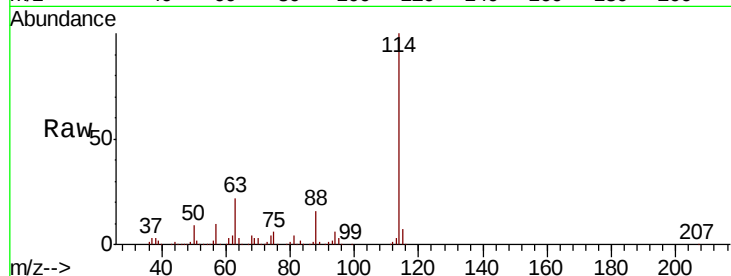




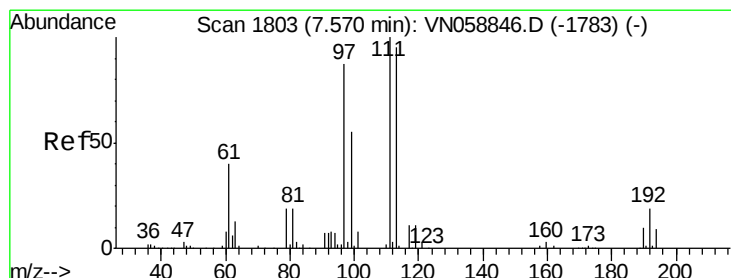
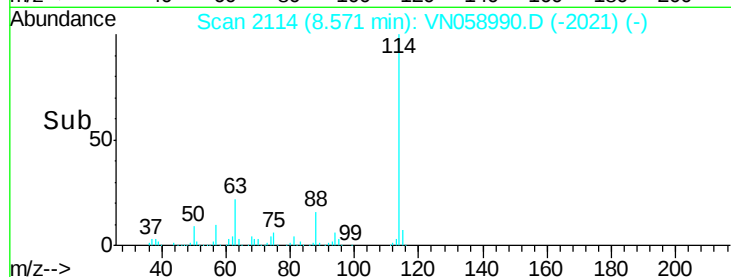
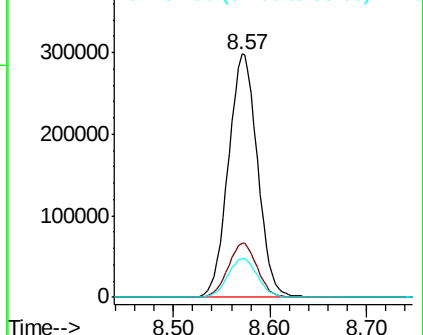
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058990.D
 Acq: 28 Oct 2019 12:22

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.4
88	16.1	0.0	31.4

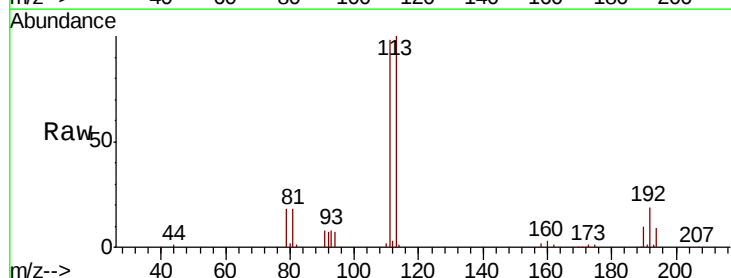


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

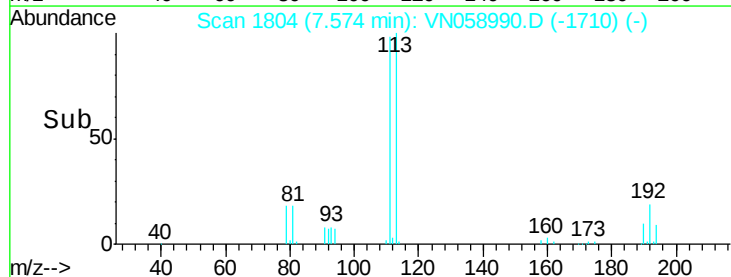
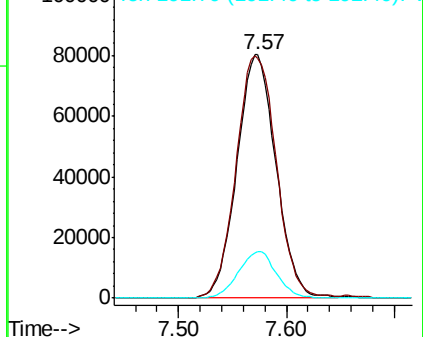


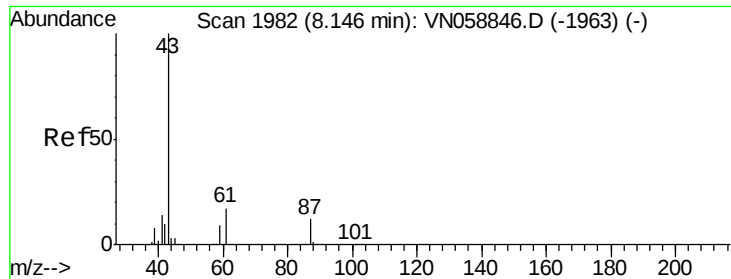
#35
 Dibromofluoromethane
 Concen: 49.341 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058990.D
 Acq: 28 Oct 2019 12:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	18.7	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: 11.319 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN058990.D

Acq: 28 Oct 2019 12:22

Instrument :

MSVOA_N

ClientSampleId :

CSA-2-1-2

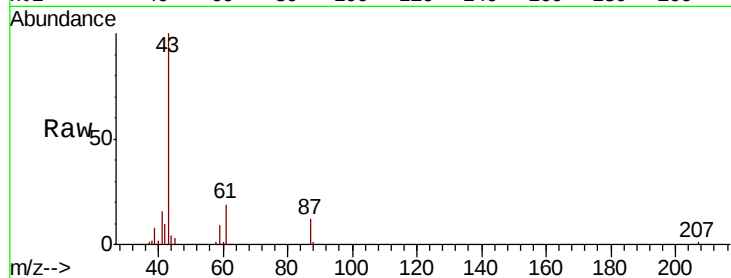
Tot Ion: 43 Resp: 126114

Ion Ratio Lower Upper

43 100

61 19.0 20.2 30.2#

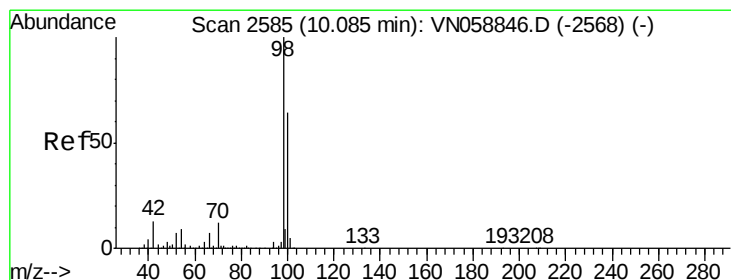
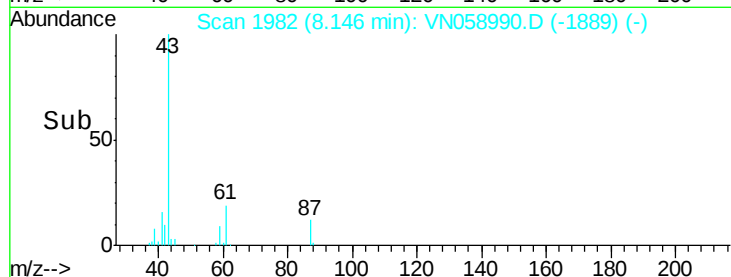
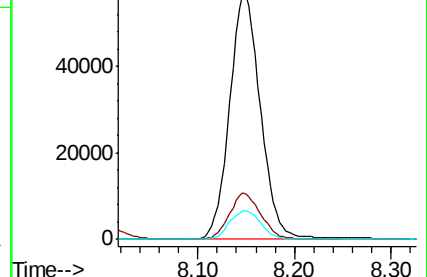
87 11.8 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN058846.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN058846.D (-1963) (-)



#50

Toluene-d8

Concen: 50.467 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN058990.D

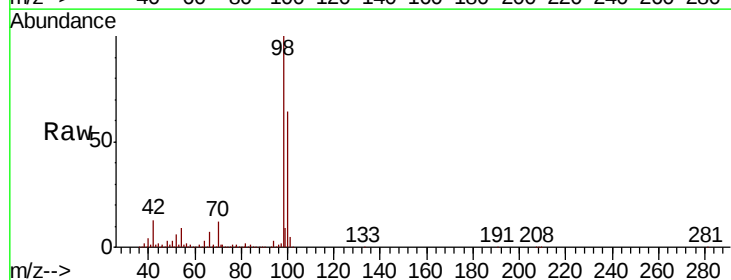
Acq: 28 Oct 2019 12:22

Tgt Ion: 98 Resp: 802135

Ion Ratio Lower Upper

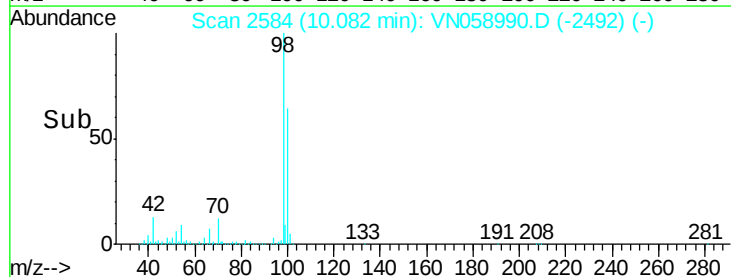
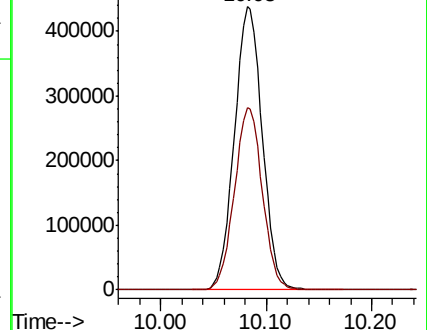
98 100

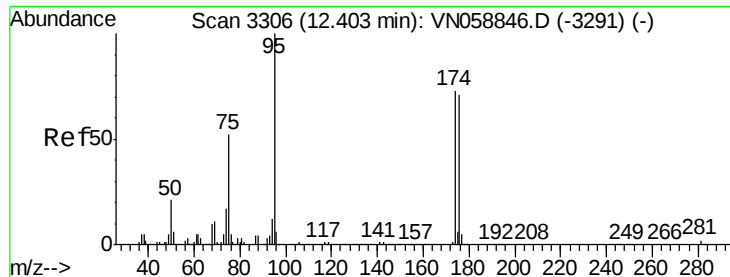
100 64.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN058846.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN058846.D (-2568) (-)





#62

4-Bromofluorobenzene

Concen: 44.016 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058990.D

Acq: 28 Oct 2019 12:22

Instrument :

MSVOA_N

ClientSampleId :

CSA-2-1-2

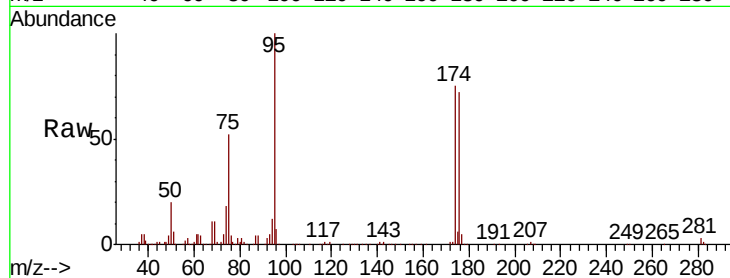
Tot Ion: 95 Resp: 256912

Ion Ratio Lower Upper

95 100

174 76.7 0.0 147.6

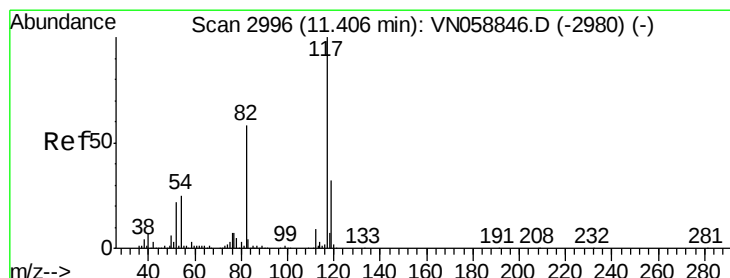
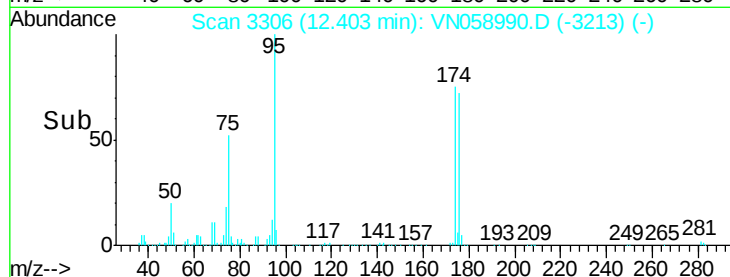
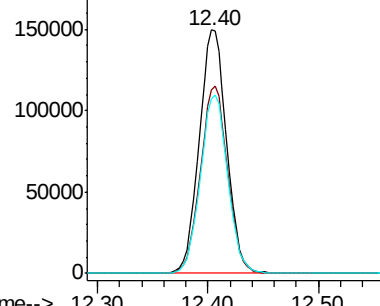
176 73.3 0.0 143.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058990.D

Acq: 28 Oct 2019 12:22

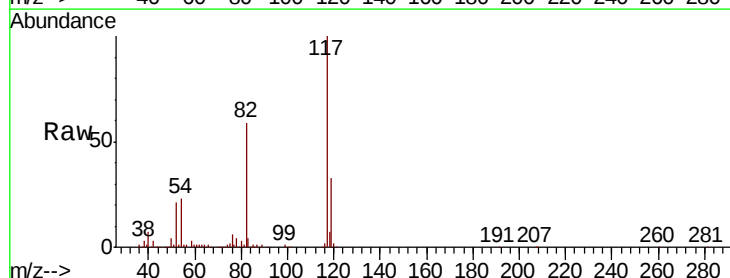
Tgt Ion: 117 Resp: 580671

Ion Ratio Lower Upper

117 100

82 58.6 46.6 69.8

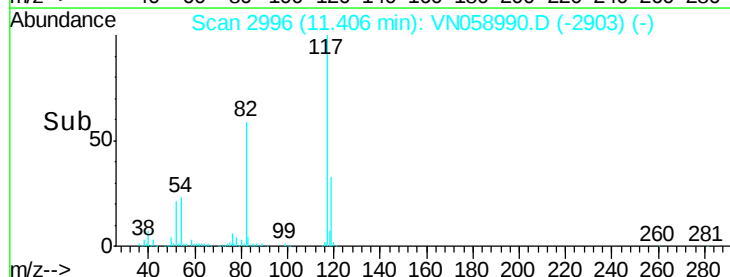
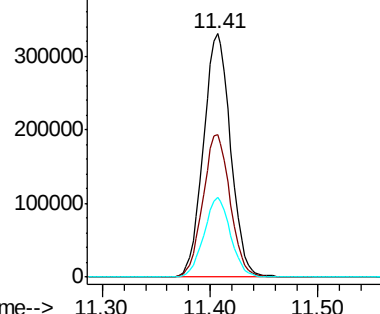
119 32.8 25.6 38.4

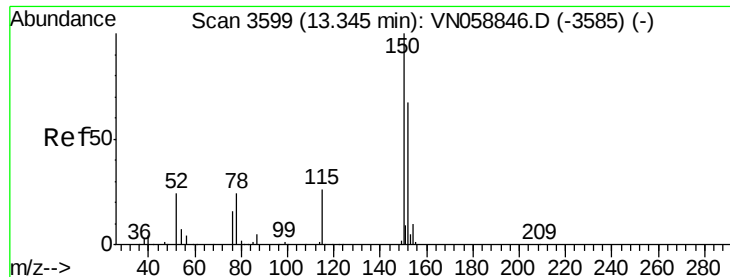


Abundance Ion 116.90 (116.60 to 117.60): VN058846.D (-2980) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058990.D

Acq: 28 Oct 2019 12:22

Instrument :

MSVOA_N

ClientSampleId :

CSA-2-1-2

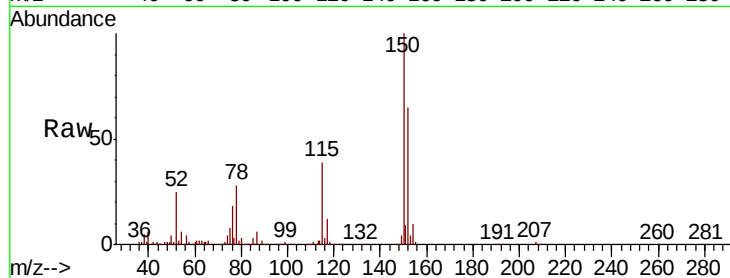
Tot Ion:152 Resp: 210754

Ion Ratio Lower Upper

152 100

115 59.8 30.5 91.5

150 157.1 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

