

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102819\
 Data File : VN058992.D
 Acq On : 28 Oct 2019 13:06
 Operator : JC/SP
 Sample : K5564-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 07 04:49:10 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

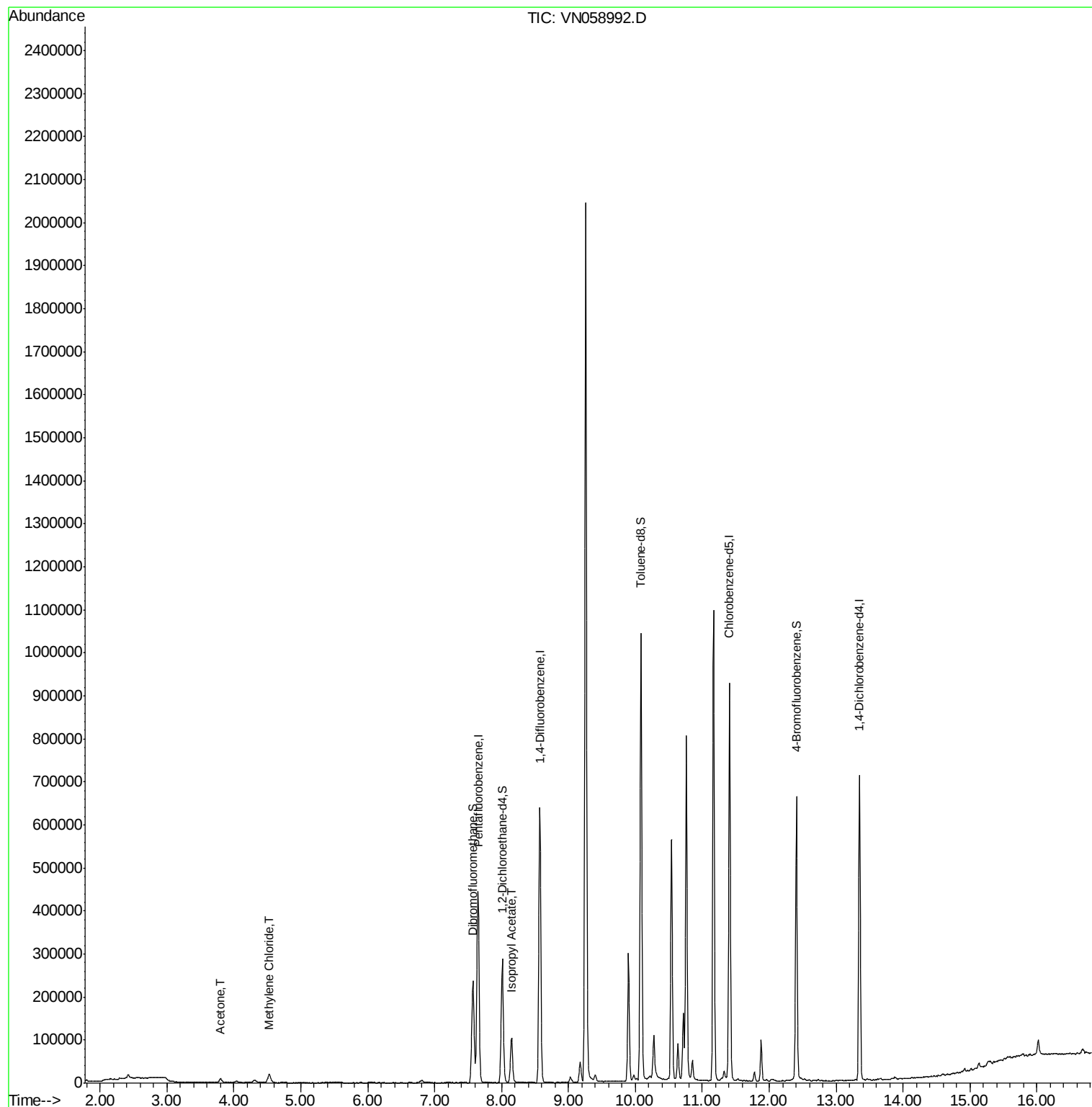
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	355569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	565343	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	513871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	185669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	247417	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
35) Dibromofluoromethane	7.57	113	181265	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
50) Toluene-d8	10.08	98	725527	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.41	95	227792	42.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.98%	
Target Compounds						
16) Acetone	3.80	43	17134	6.649	ug/l	100
20) Methylene Chloride	4.53	84	14638	3.327	ug/l	97
43) Isopropyl Acetate	8.15	43	123488	12.209	ug/l #	92

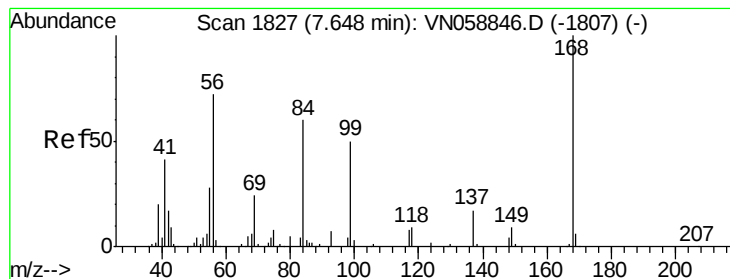
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102819\
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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# 1828

Delta R.T. 0.00 min

Lab File: VN058992.D

Acq: 28 Oct 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

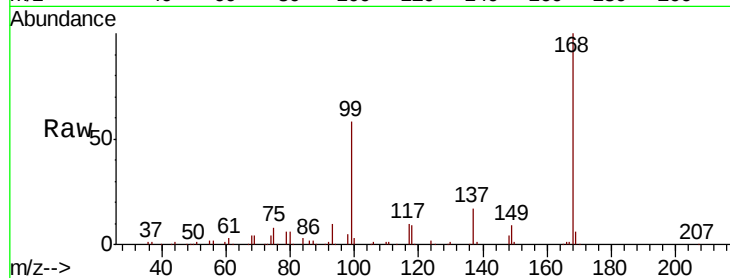
CSA-2-1-1

Tot Ion:168 Resp: 355569

Ion Ratio Lower Upper

168 100

99 58.4 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

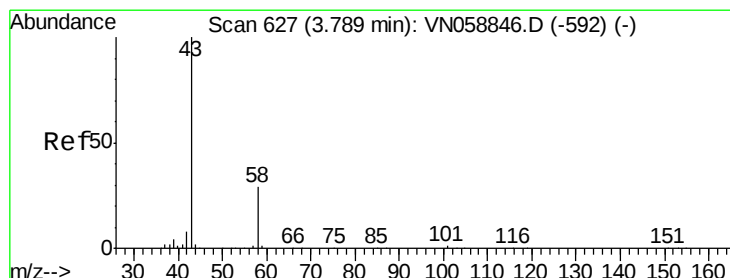
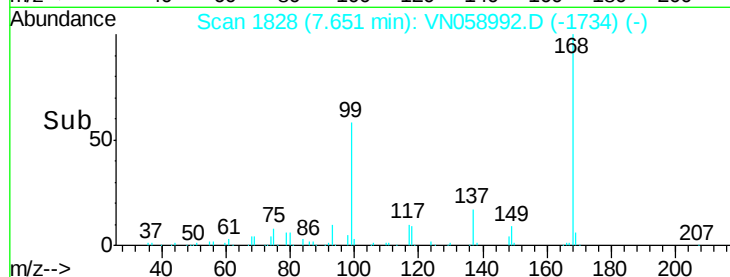
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.649 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058992.D

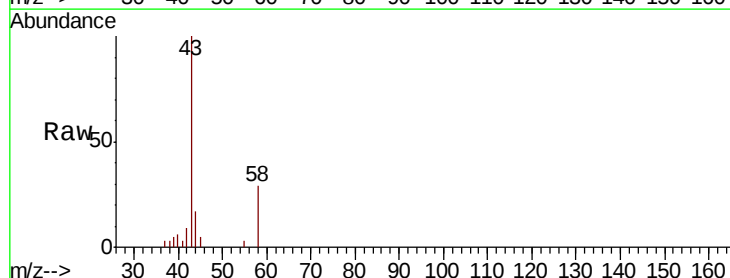
Acq: 28 Oct 2019 13:06

Tgt Ion: 43 Resp: 17134

Ion Ratio Lower Upper

43 100

58 29.2 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

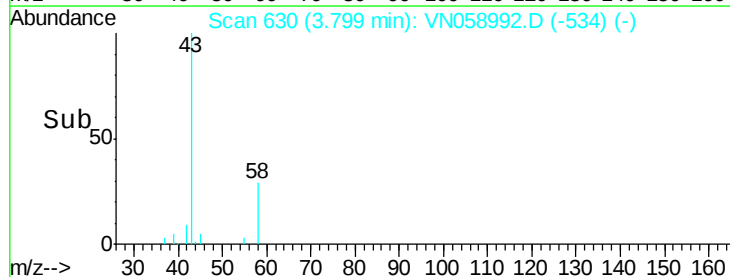
6000

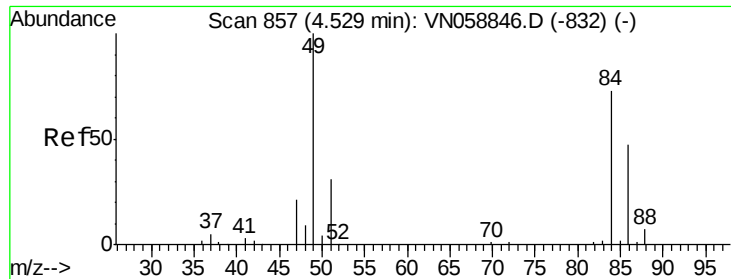
4000

2000

0

Time-->

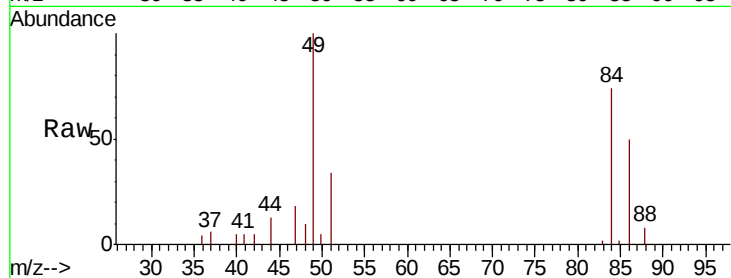




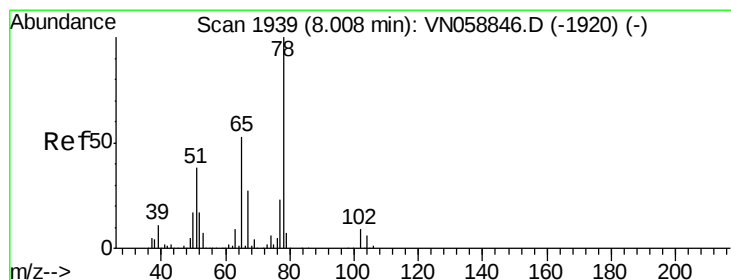
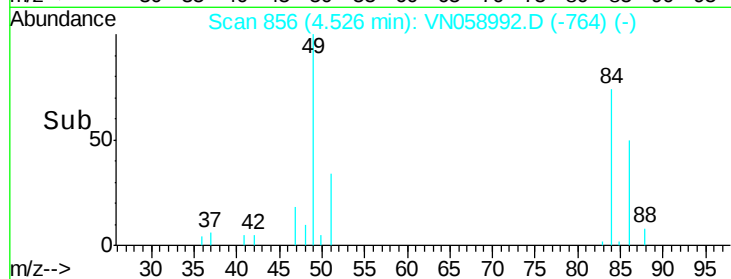
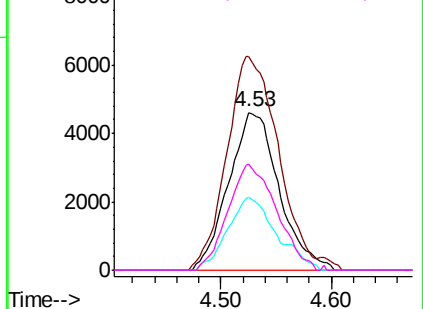
#20
Methylene Chloride
Concen: 3.327 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN058992.D
Acq: 28 Oct 2019 13:06

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

Tot Ion: 84 Resp: 14638
Ion Ratio Lower Upper
84 100
49 135.4 109.6 164.4
51 46.3 33.8 50.6
86 67.5 51.5 77.3

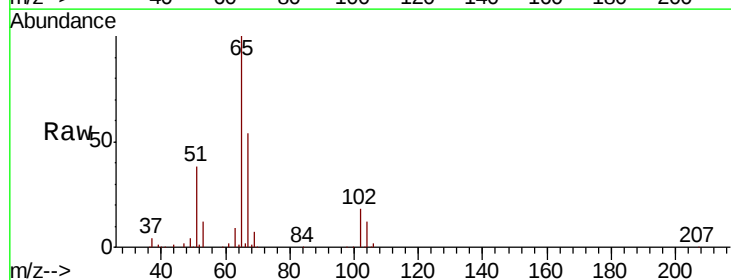


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

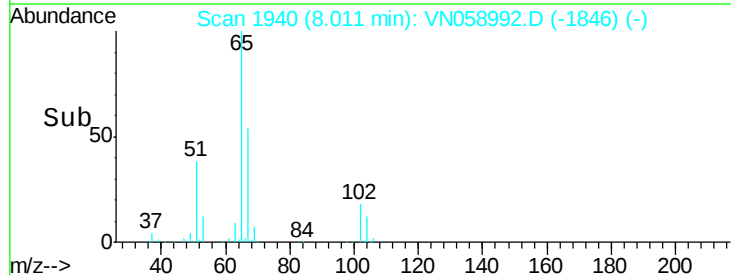
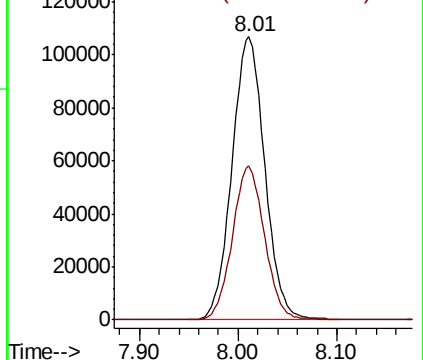


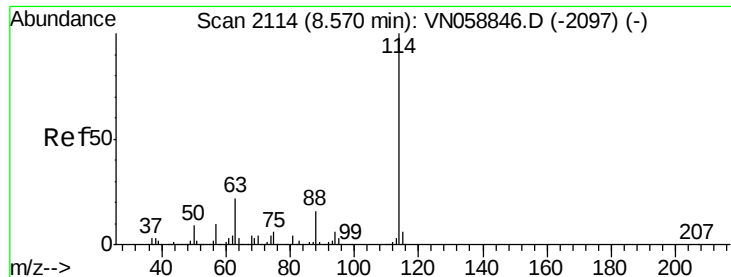
#33
1,2-Dichloroethane-d4
Concen: 47.444 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058992.D
Acq: 28 Oct 2019 13:06

Tgt Ion: 65 Resp: 247417
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.2



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

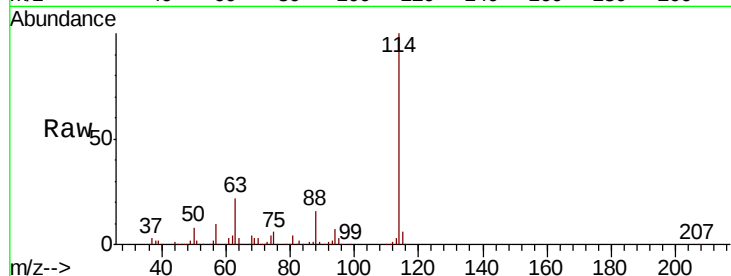




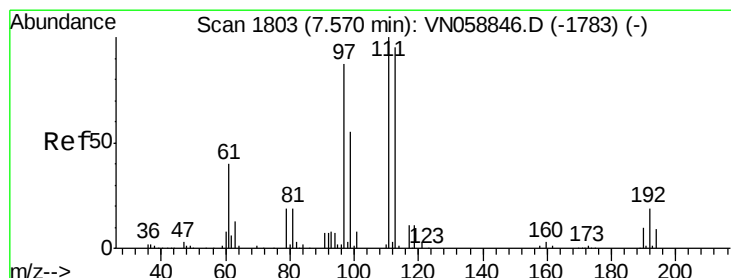
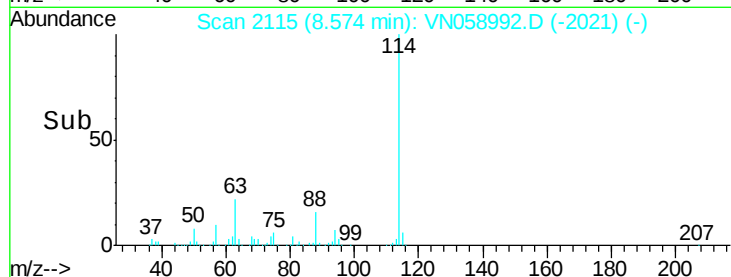
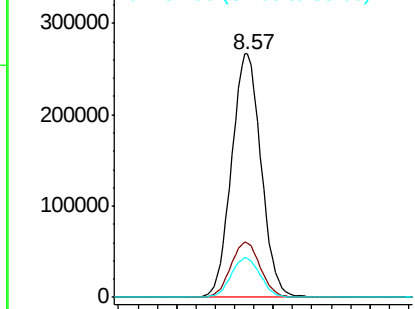
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058992.D
Acq: 28 Oct 2019 13:06

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

Tot Ion:114 Resp: 565343
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.4
88 16.0 0.0 31.4

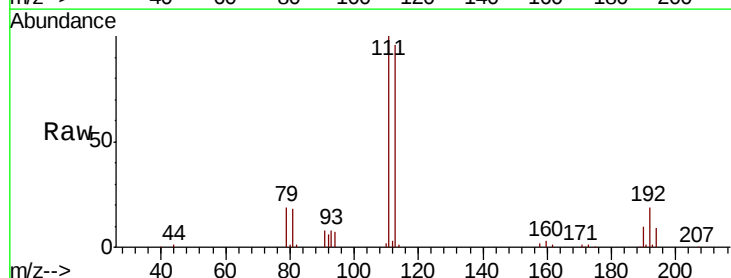


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

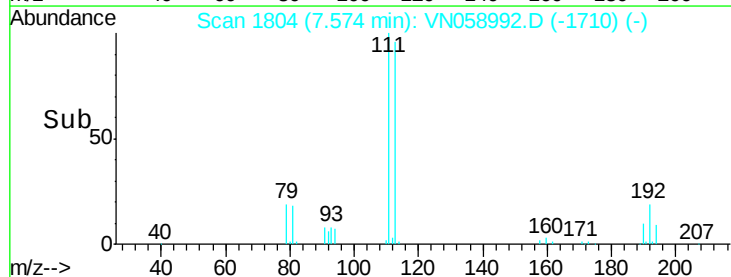
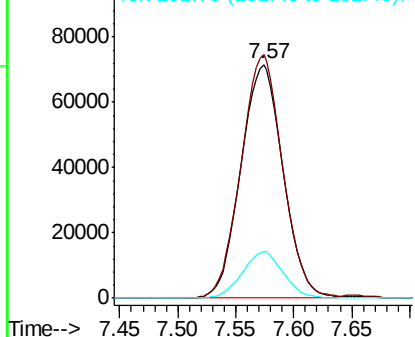


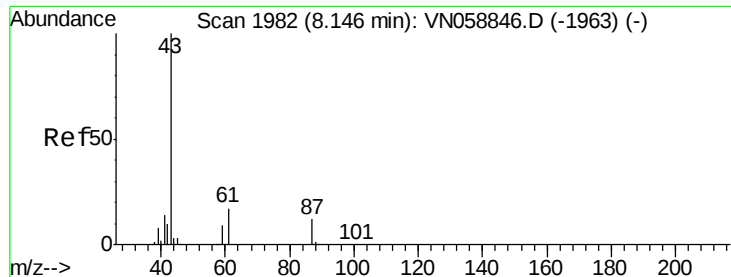
#35
Dibromofluoromethane
Concen: 48.767 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058992.D
Acq: 28 Oct 2019 13:06

Tgt Ion:113 Resp: 181265
Ion Ratio Lower Upper
113 100
111 102.9 82.0 123.0
192 19.4 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: 12.209 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058992.D

Acq: 28 Oct 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

CSA-2-1-1

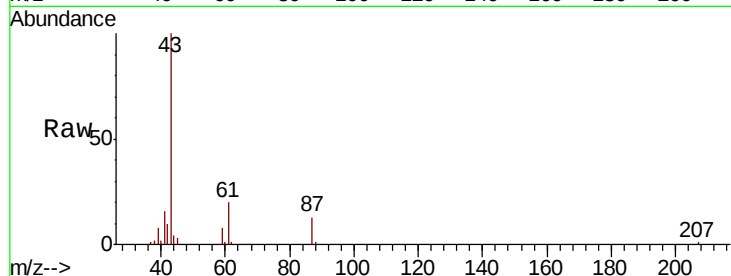
Tot Ion: 43 Resp: 123488

Ion Ratio Lower Upper

43 100

61 19.7 20.2 30.2#

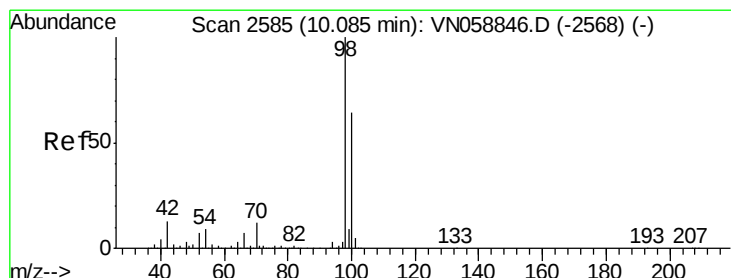
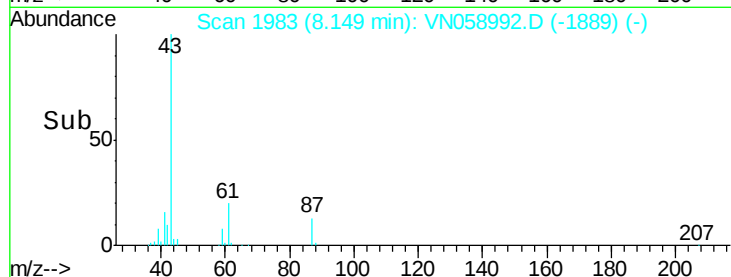
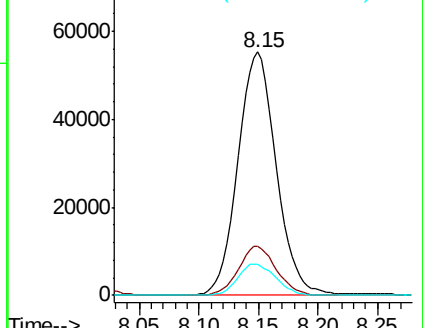
87 12.7 9.5 14.3



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: 50.283 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN058992.D

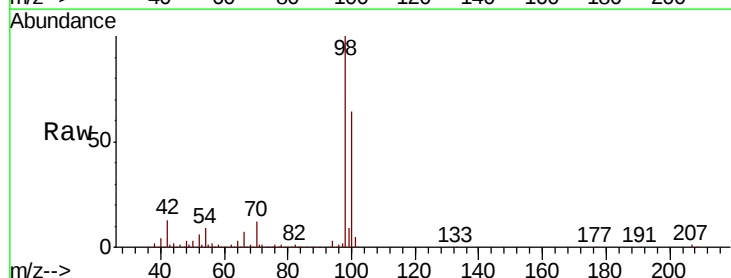
Acq: 28 Oct 2019 13:06

Tgt Ion: 98 Resp: 725527

Ion Ratio Lower Upper

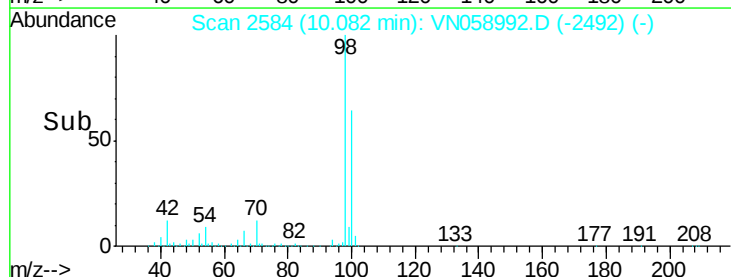
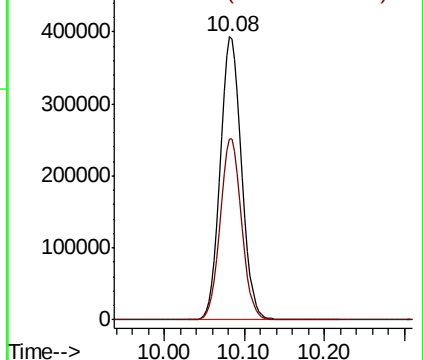
98 100

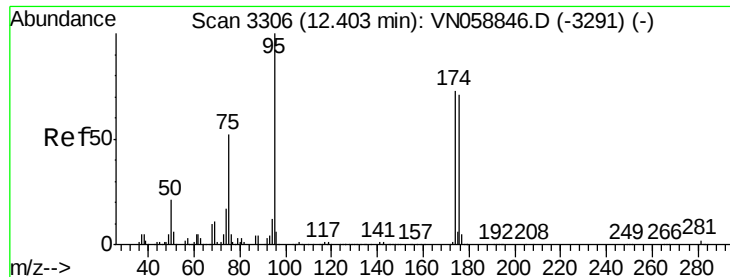
100 64.1 51.4 77.2



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

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

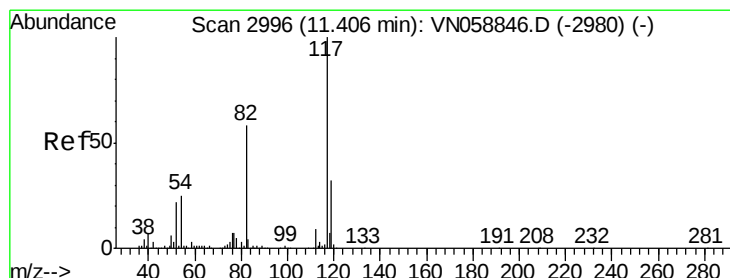
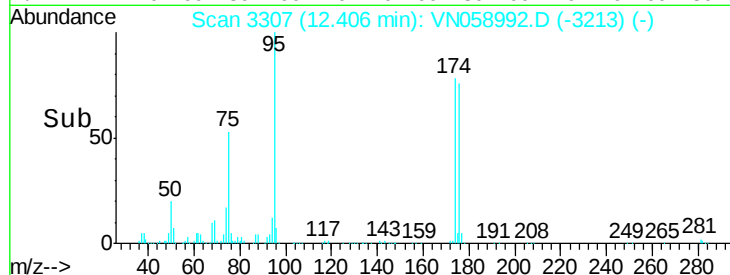
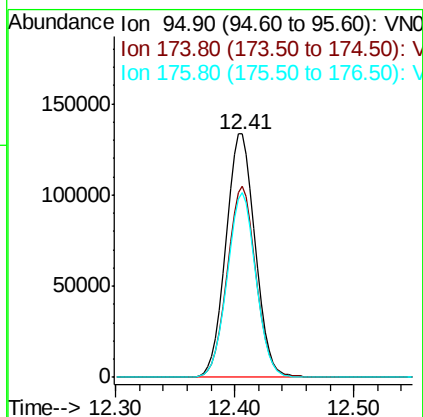
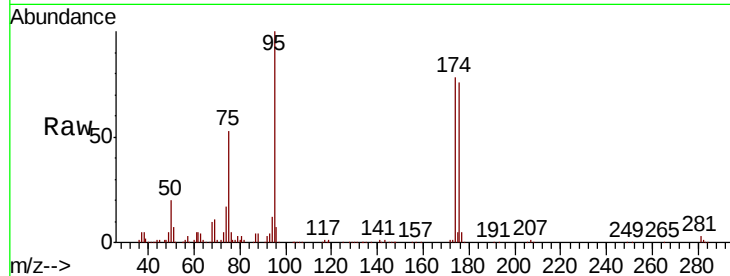




#62
4-Bromofluorobenzene
Concen: 42.991 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058992.D
Acq: 28 Oct 2019 13:06

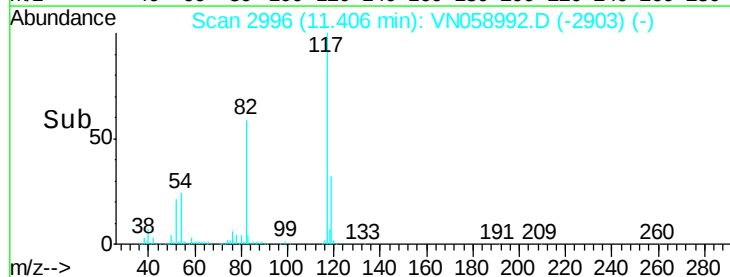
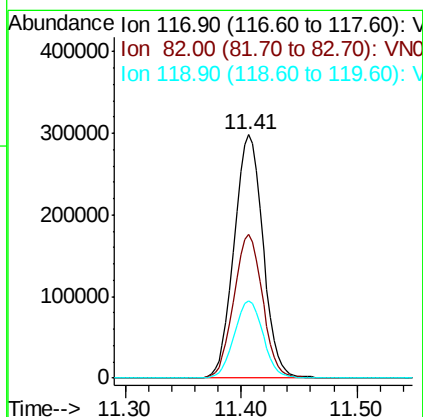
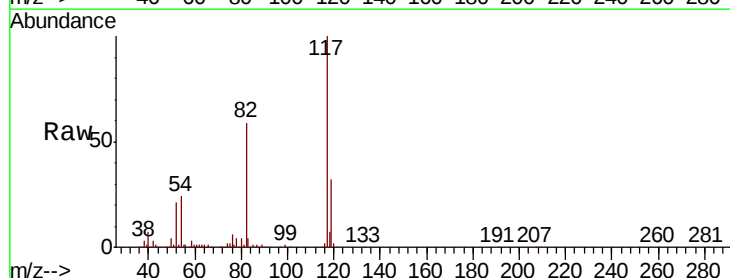
Instrument :
MSVOA_N
ClientSampleId :
CSA-2-1-1

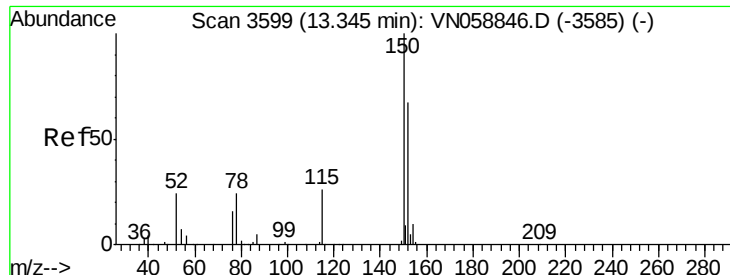
Tot Ion: 95 Resp: 227792
Ion Ratio Lower Upper
95 100
174 76.8 0.0 147.6
176 73.9 0.0 143.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058992.D
Acq: 28 Oct 2019 13:06

Tgt Ion: 117 Resp: 513871
Ion Ratio Lower Upper
117 100
82 58.9 46.6 69.8
119 32.0 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058992.D

Acq: 28 Oct 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

CSA-2-1-1

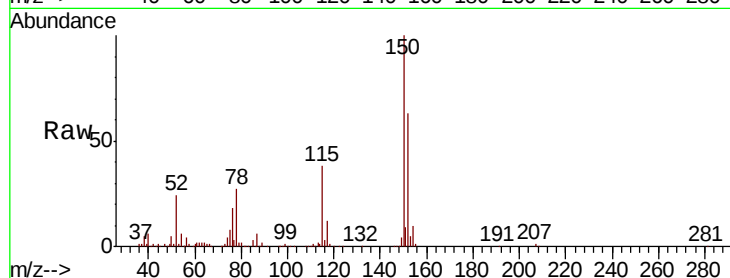
Tot Ion:152 Resp: 185669

Ion Ratio Lower Upper

152 100

115 60.4 30.5 91.5

150 157.7 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

