

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091619\
 Data File : VN058124.D
 Acq On : 16 Sep 2019 17:13
 Operator : JC/SP
 Sample : K4878-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-2-6

Quant Time: Sep 17 08:21:34 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

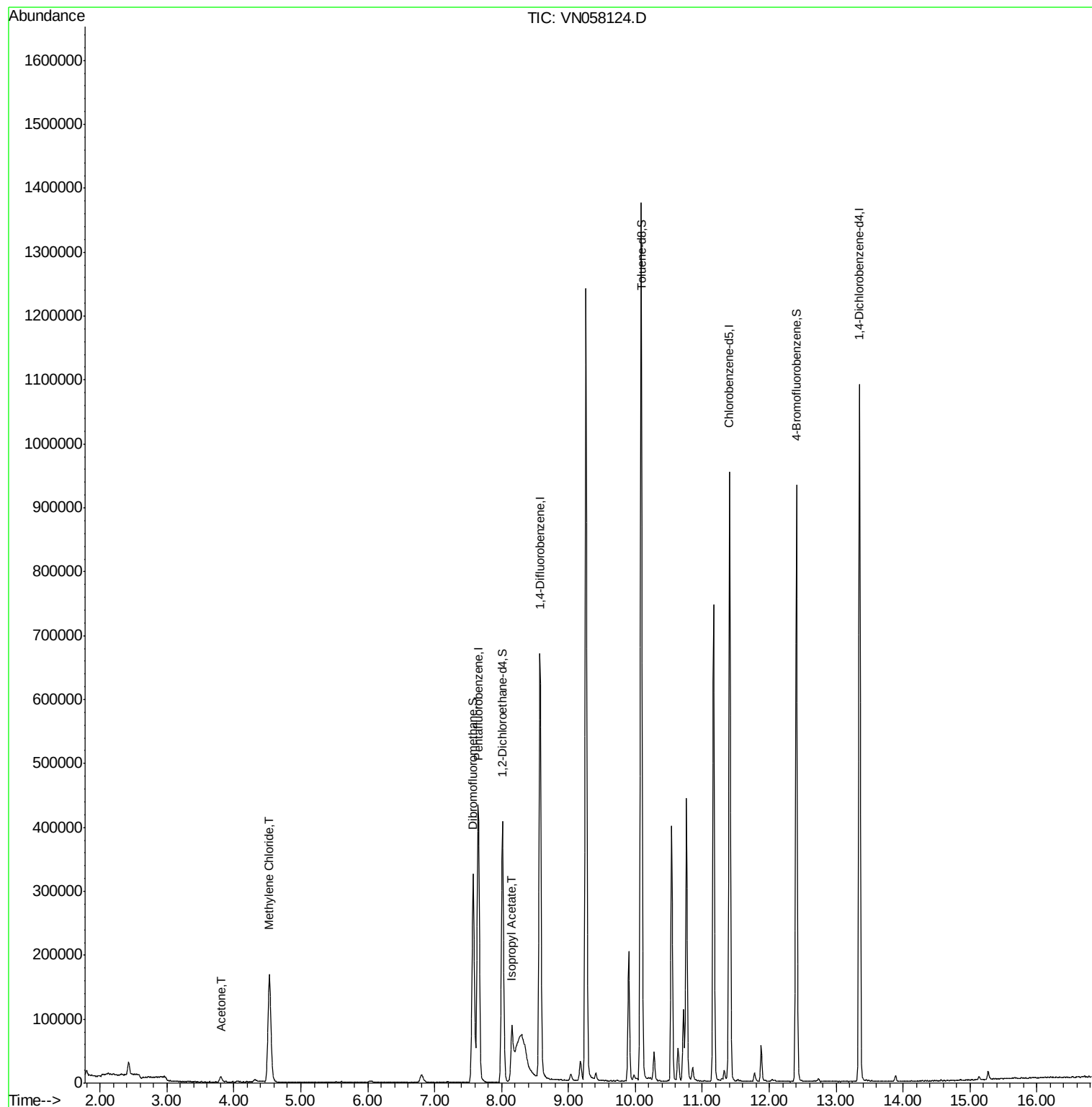
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	337954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	562879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	520583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	275262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	357261	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
35) Dibromofluoromethane	7.58	113	244321	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	10.08	98	930666	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
62) 4-Bromofluorobenzene	12.41	95	314826	40.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.92%	
Target Compounds						
16) Acetone	3.81	43	14242	6.347	ug/l	98
20) Methylene Chloride	4.53	84	121363	27.865	ug/l	98
43) Isopropyl Acetate	8.16	43	121067	10.674	ug/l #	82

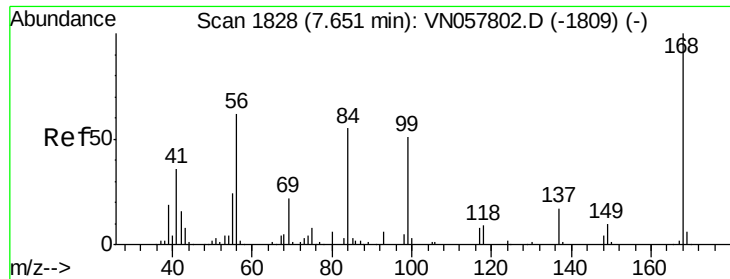
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091619\
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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: VN058124.D

Acq: 16 Sep 2019 17:13

Instrument :

MSVOA_N

ClientSampled :

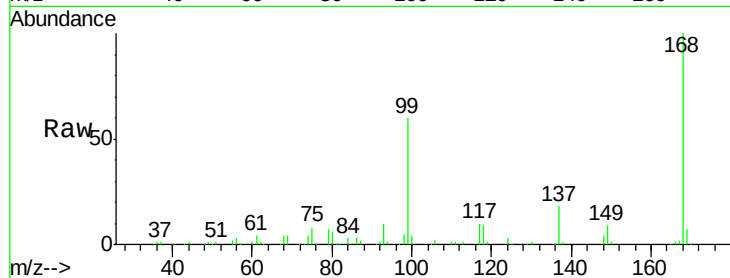
CSA-2-6

Tot Ion:168 Resp: 337954

Ion Ratio Lower Upper

168 100

99 59.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

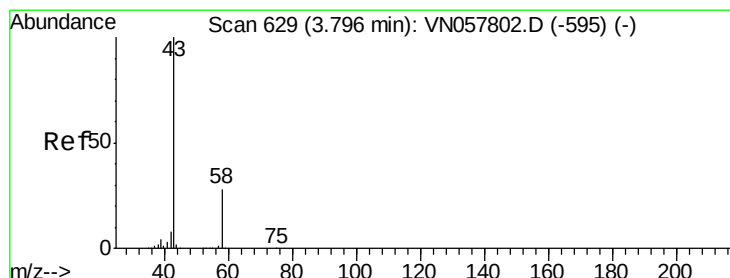
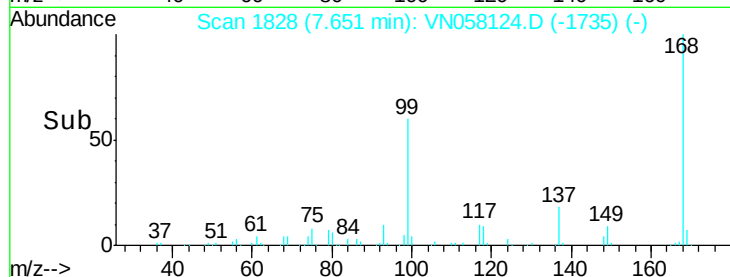
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.347 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058124.D

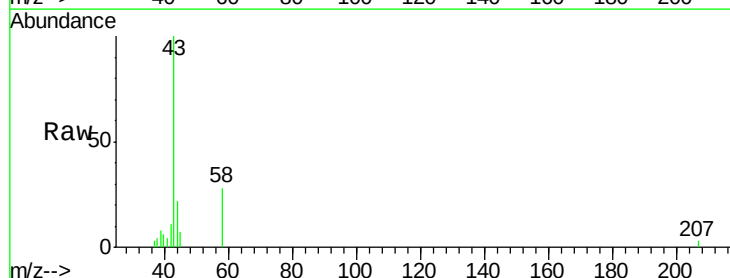
Acq: 16 Sep 2019 17:13

Tgt Ion: 43 Resp: 14242

Ion Ratio Lower Upper

43 100

58 29.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.81

6000

5000

4000

3000

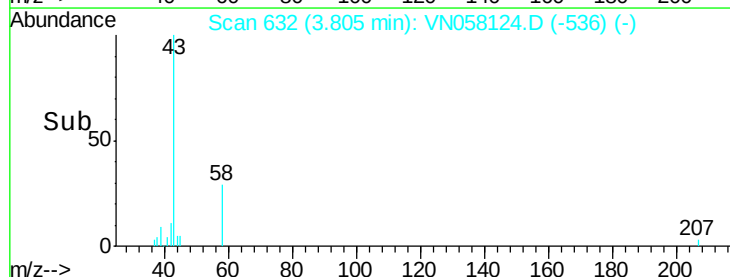
2000

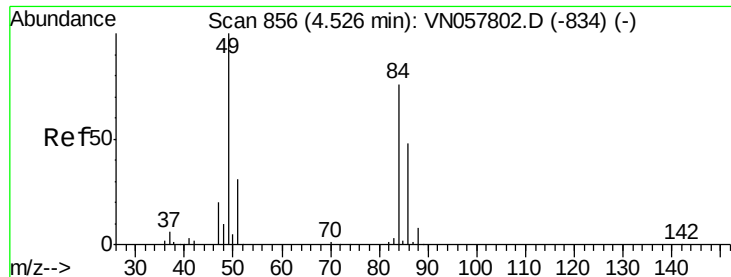
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->

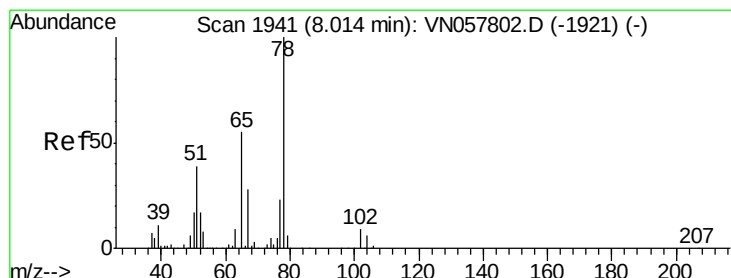
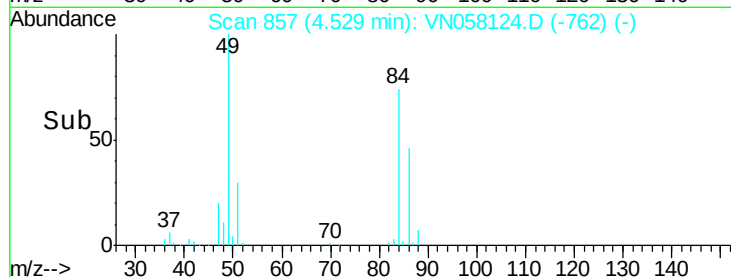
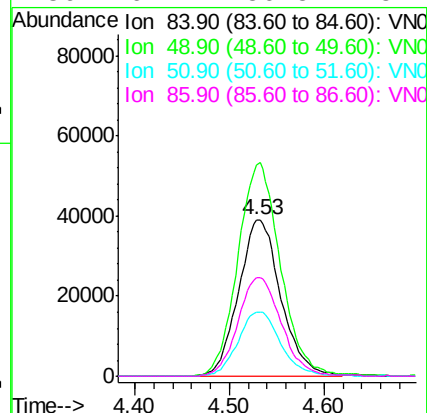
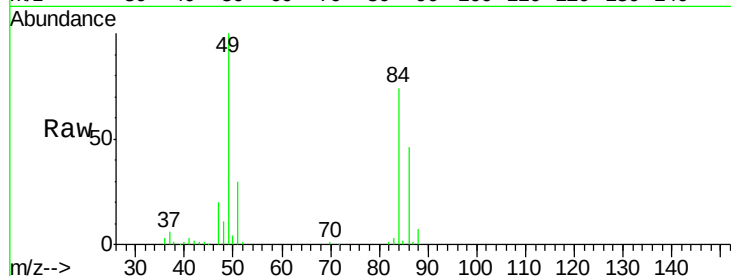




#20
Methylene Chloride
Concen: 27.865 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058124.D
Acq: 16 Sep 2019 17:13

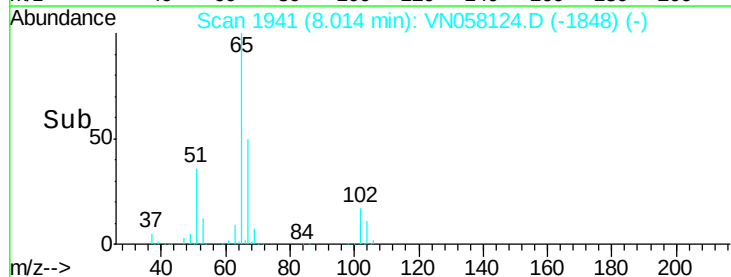
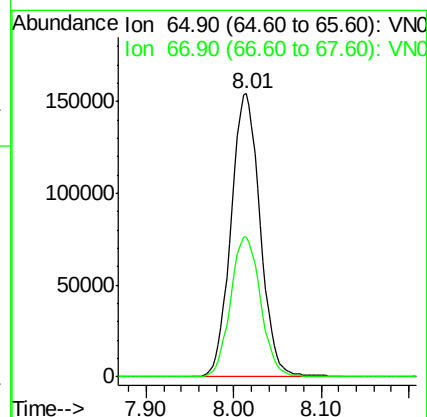
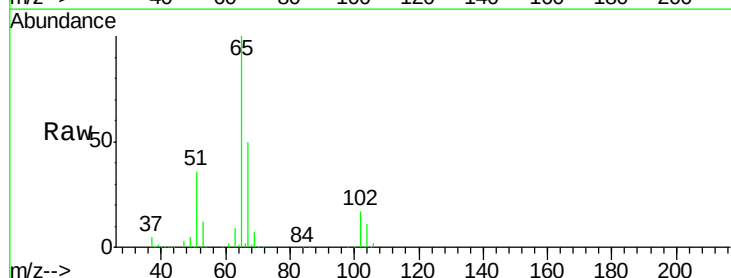
Instrument :
MSVOA_N
ClientSampled :
CSA-2-6

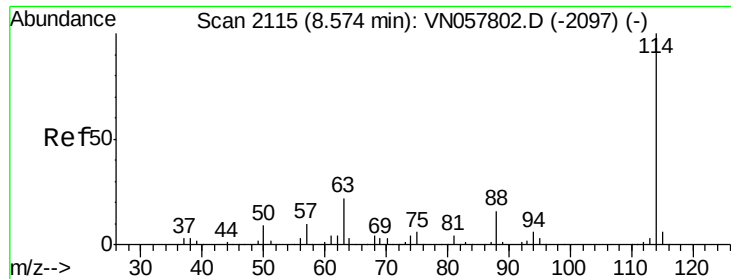
Tot Ion: 84 Resp: 121363
Ion Ratio Lower Upper
84 100
49 135.3 104.8 157.2
51 40.7 33.0 49.4
86 62.7 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 52.193 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058124.D
Acq: 16 Sep 2019 17:13

Tgt Ion: 65 Resp: 357261
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0

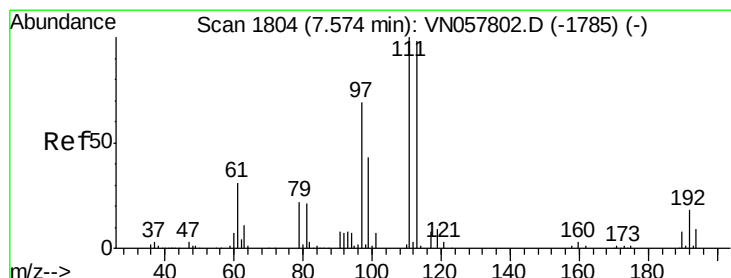
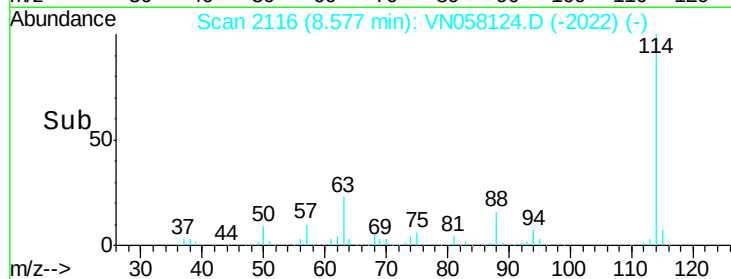
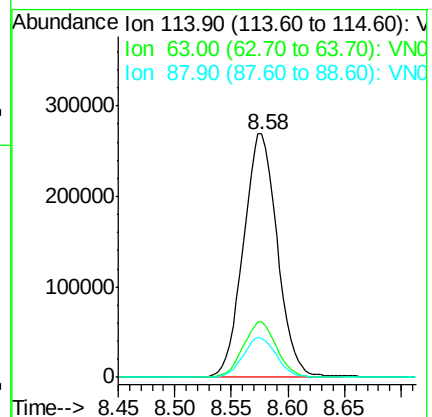
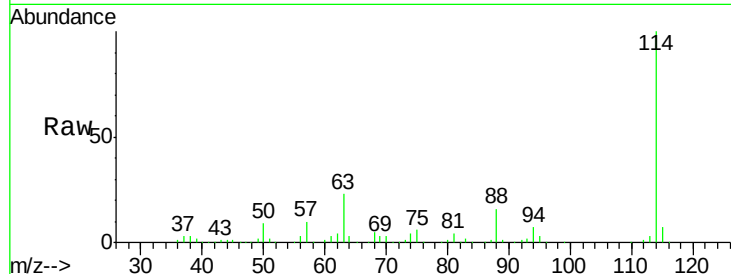




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN058124.D
Acq: 16 Sep 2019 17:13

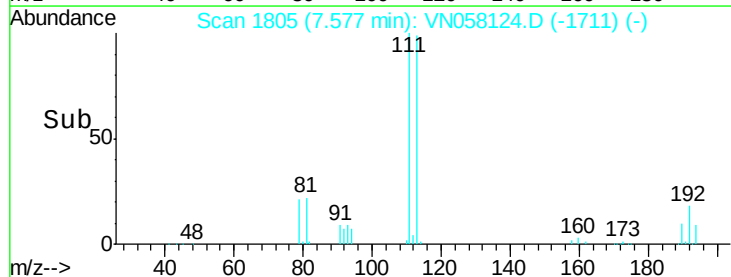
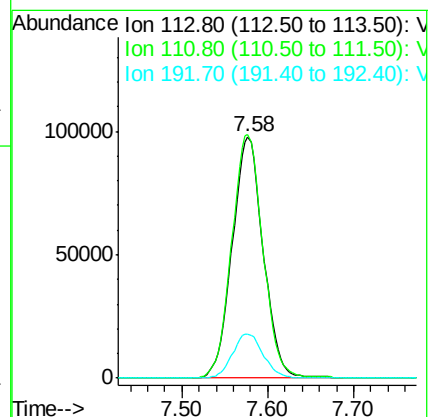
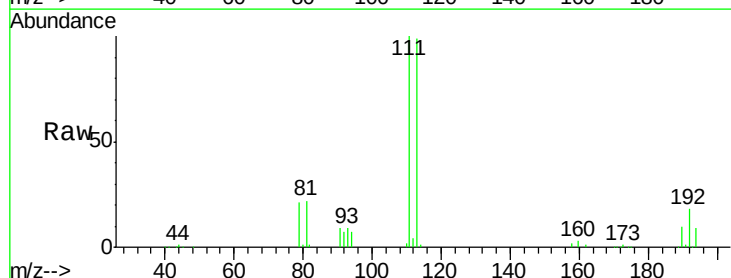
Instrument :
MSVOA_N
ClientSampleId :
CSA-2-6

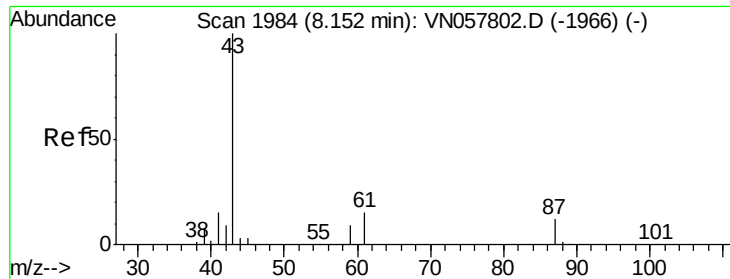
Tot Ion:114 Resp: 562879
Ion Ratio Lower Upper
114 100
63 22.9 0.0 44.0
88 16.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 47.029 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058124.D
Acq: 16 Sep 2019 17:13

Tgt Ion:113 Resp: 244321
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 18.2 14.6 22.0





#43

Isopropyl Acetate

Concen: 10.674 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058124.D

Acq: 16 Sep 2019 17:13

Instrument :

MSVOA_N

ClientSampled :

CSA-2-6

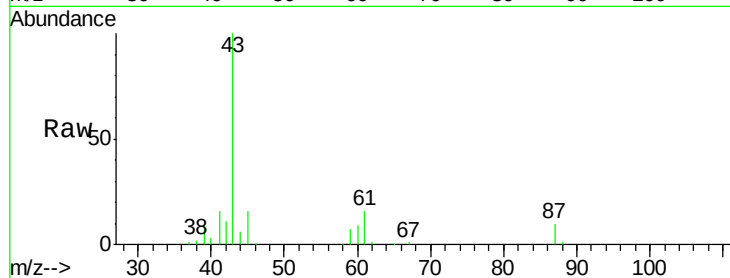
Tot Ion: 43 Resp: 121067

Ion Ratio Lower Upper

43 100

61 13.7 20.1 30.1#

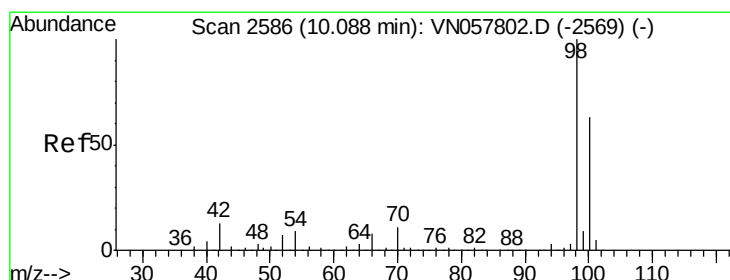
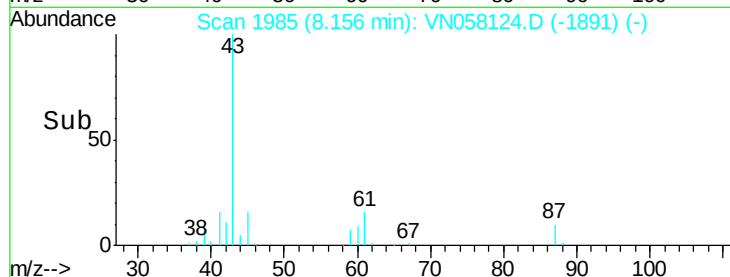
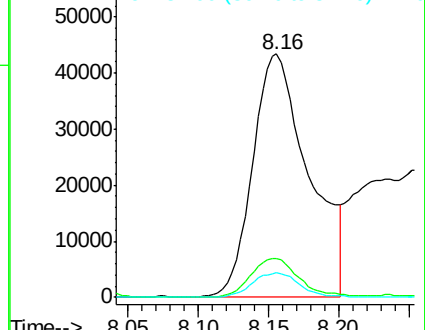
87 8.4 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN058124.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN058124.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN058124.D (-1966) (-)



#50

Toluene-d8

Concen: 46.140 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058124.D

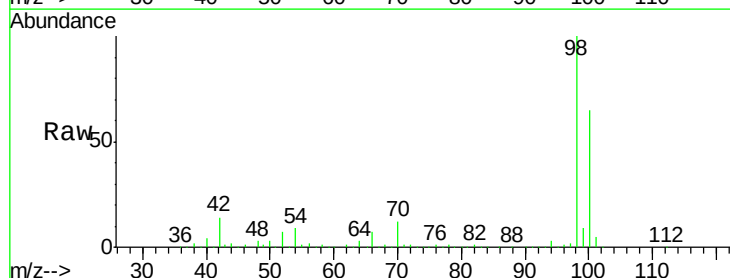
Acq: 16 Sep 2019 17:13

Tgt Ion: 98 Resp: 930666

Ion Ratio Lower Upper

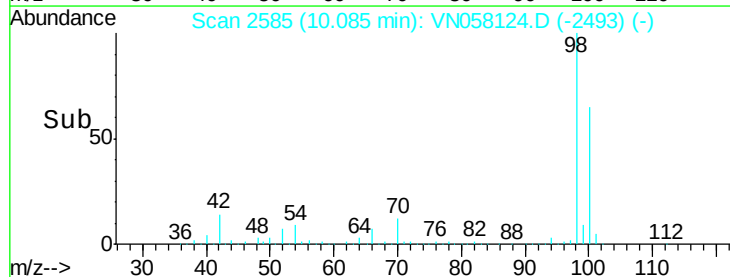
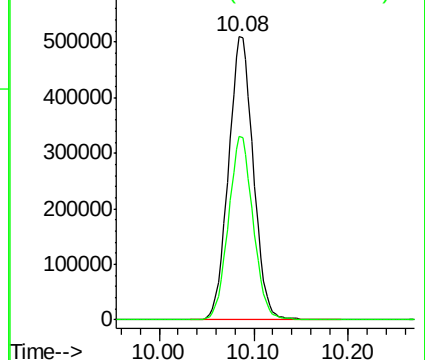
98 100

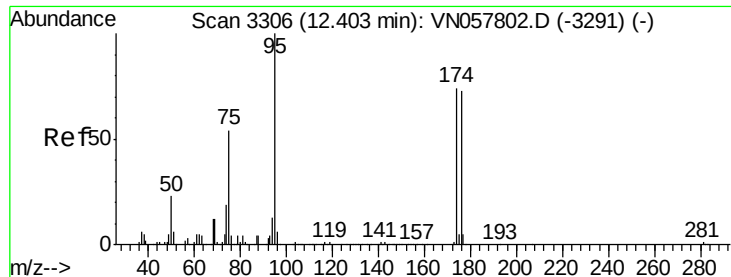
100 64.4 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN058124.D (-2493) (-)

Ion 100.00 (99.70 to 100.70): VN058124.D (-2493) (-)





#62

4-Bromofluorobenzene

Concen: 40.957 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058124.D

Acq: 16 Sep 2019 17:13

Instrument :

MSVOA_N

ClientSampleId :

CSA-2-6

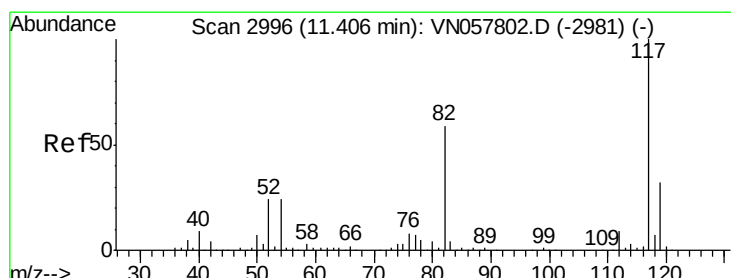
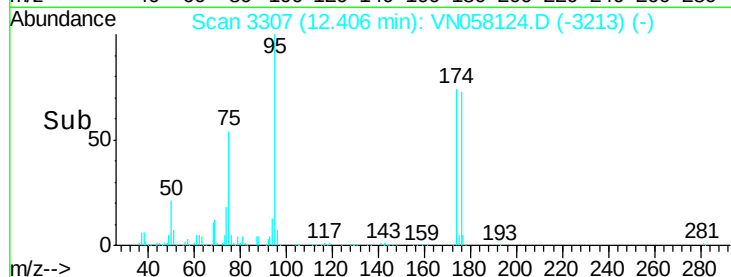
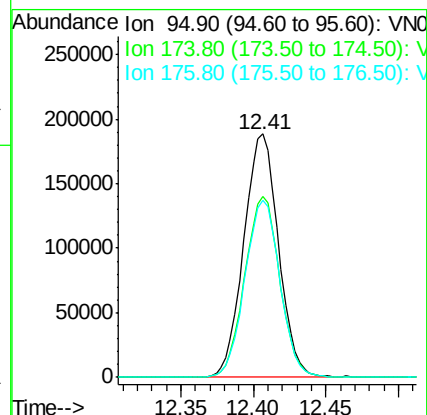
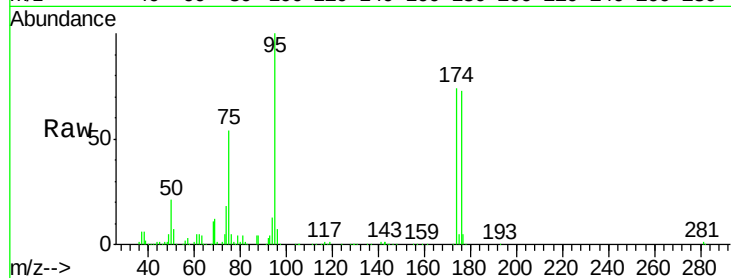
Tot Ion: 95 Resp: 314826

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.2

176 73.2 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: VN058124.D

Acq: 16 Sep 2019 17:13

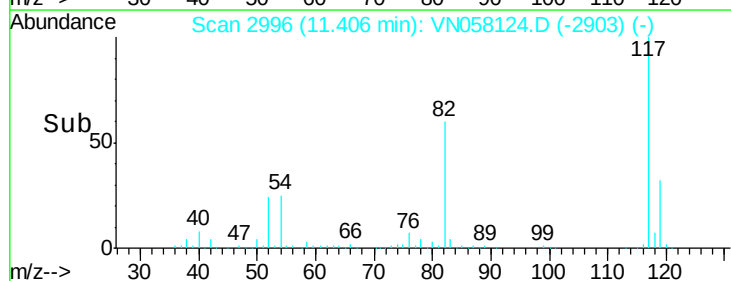
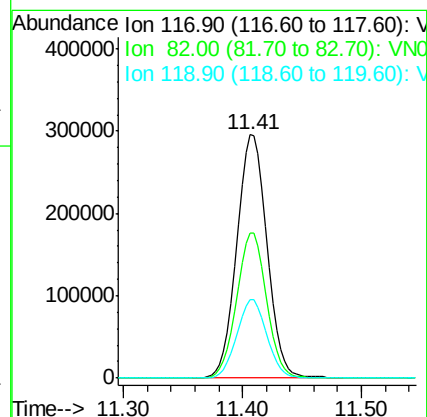
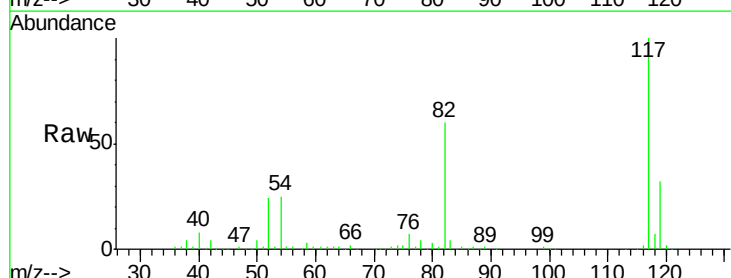
Tgt Ion: 117 Resp: 520583

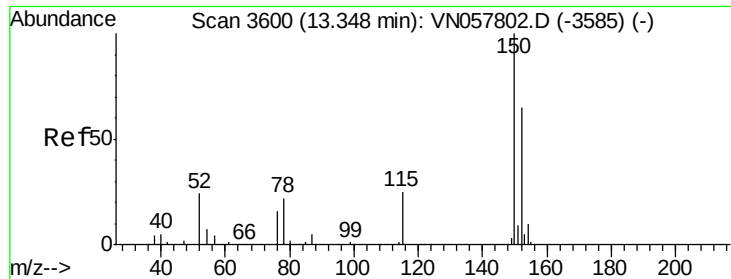
Ion Ratio Lower Upper

117 100

82 59.6 47.2 70.8

119 32.2 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058124.D

Acq: 16 Sep 2019 17:13

Instrument :

MSVOA_N

ClientSampleId :

CSA-2-6

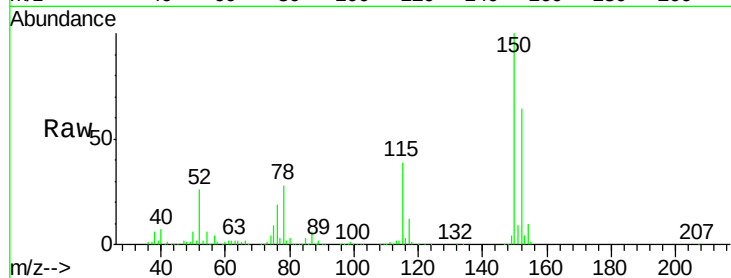
Tot Ion:152 Resp: 275262

Ion Ratio Lower Upper

152 100

115 61.2 30.3 91.0

150 157.2 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

