

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054485.D
 Acq On : 21 Mar 2019 2:05
 Operator : JC/SP
 Sample : K1688-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-031919-F

Quant Time: Mar 22 06:58:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

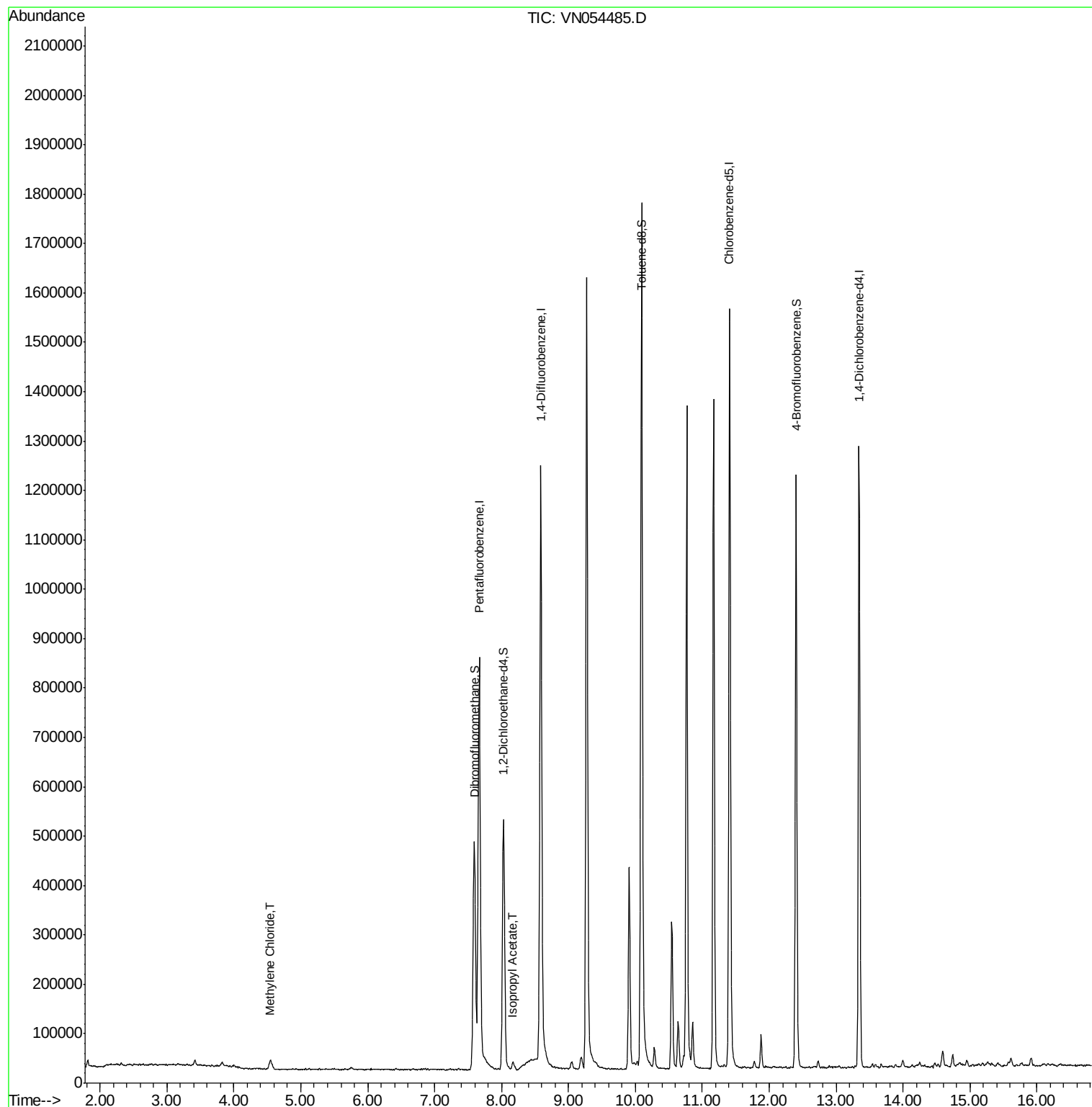
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	734968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1120251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	936961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	346724	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	440204	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
35) Dibromofluoromethane	7.59	113	352540	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
50) Toluene-d8	10.09	98	1337246	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.40	95	417611	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
Target Compounds						
20) Methylene Chloride	4.55	84	11063	1.365	ug/l #	75
43) Isopropyl Acetate	8.17	43	19819	1.575	ug/l #	82

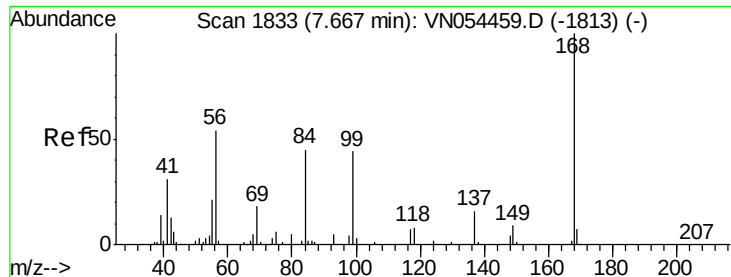
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054485.D

Acq: 21 Mar 2019 2:05

Instrument :

MSVOA_N

ClientSampleId :

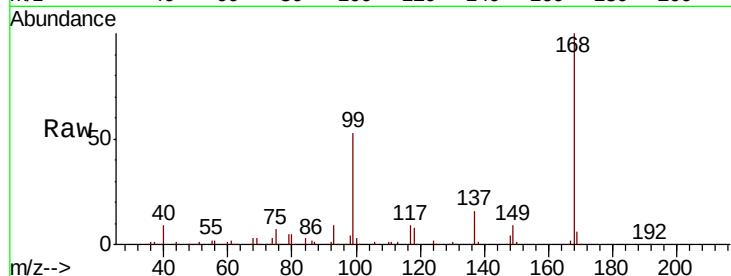
JC-02-031919-F

Tot Ion:168 Resp: 734968

Ion Ratio Lower Upper

168 100

99 53.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

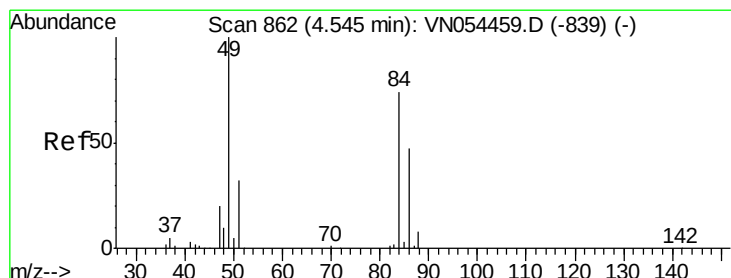
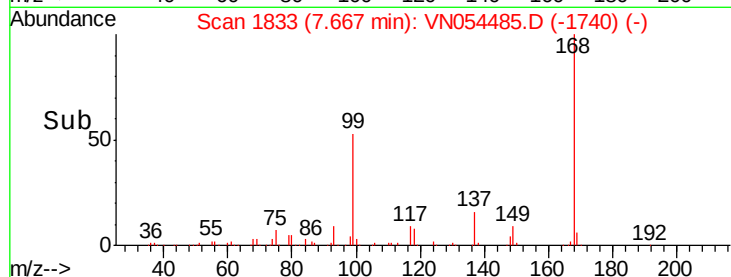
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.365 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054485.D

Acq: 21 Mar 2019 2:05

Tgt Ion: 84 Resp: 11063

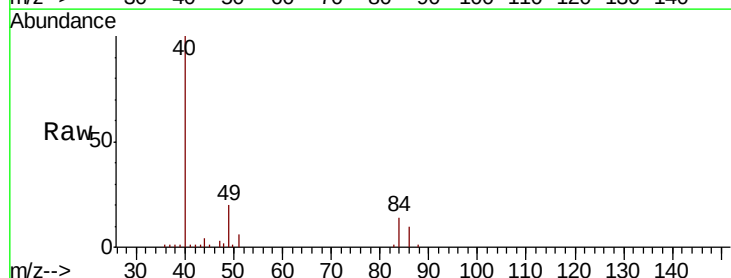
Ion Ratio Lower Upper

84 100

49 149.6 89.7 134.5#

51 44.2 28.2 42.4#

86 74.3 50.8 76.2



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

8000

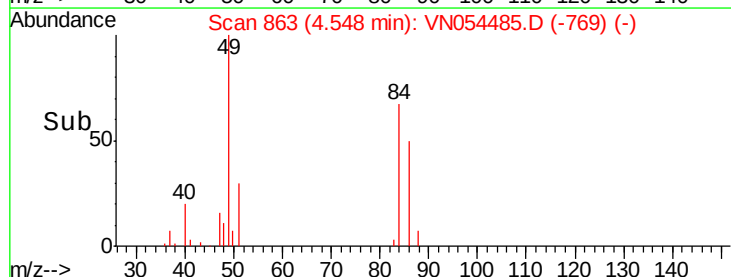
6000

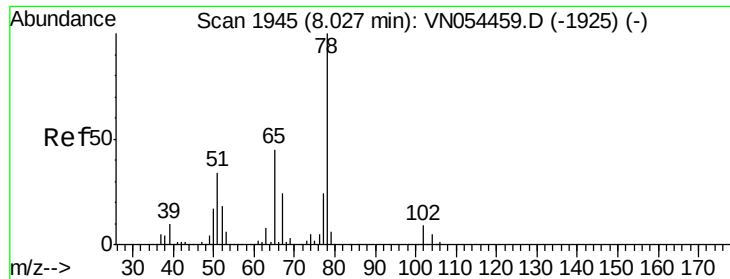
4000

2000

0

Time-->

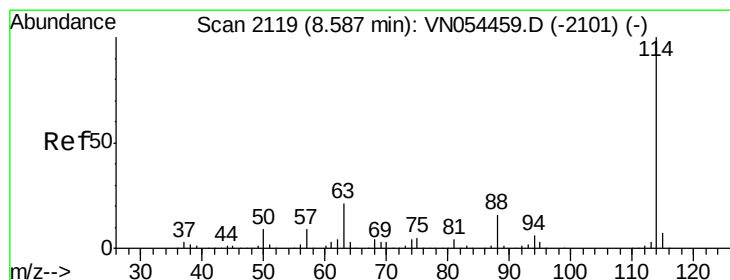
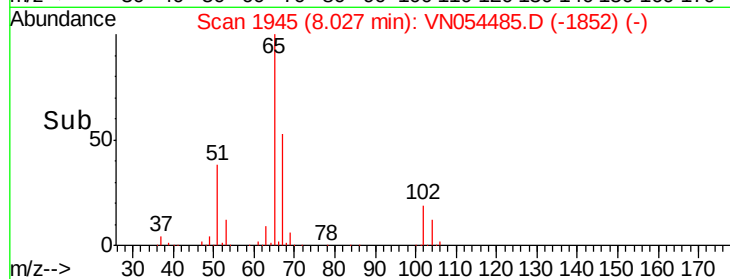
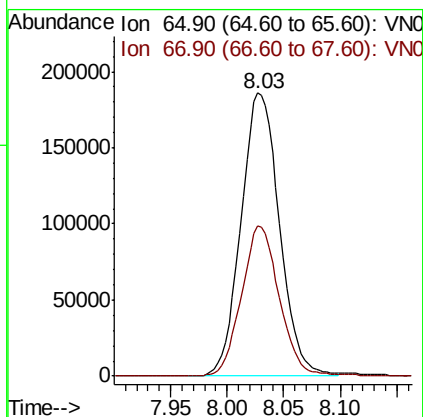
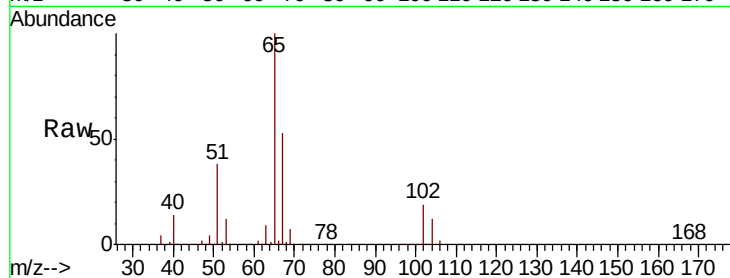




#33
 1,2-Dichloroethane-d4
 Concen: 48.153 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054485.D
 Acq: 21 Mar 2019 2:05

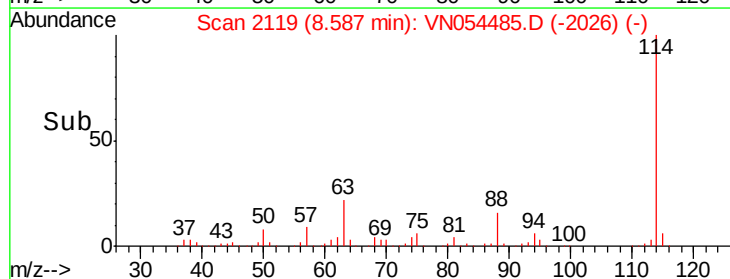
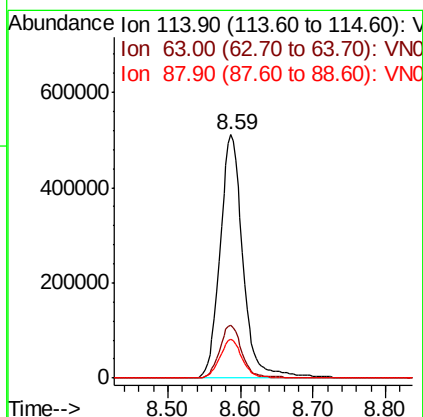
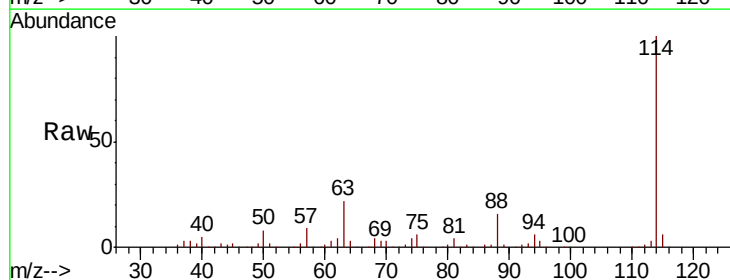
Instrument :
 MSVOA_N
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 JC-02-031919-F

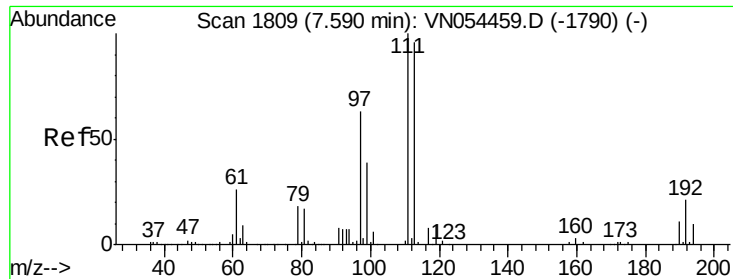
Tot Ion: 65 Resp: 440204
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054485.D
 Acq: 21 Mar 2019 2:05

Tgt Ion: 114 Resp: 1120251
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 35.2
 88 15.8 0.0 30.2

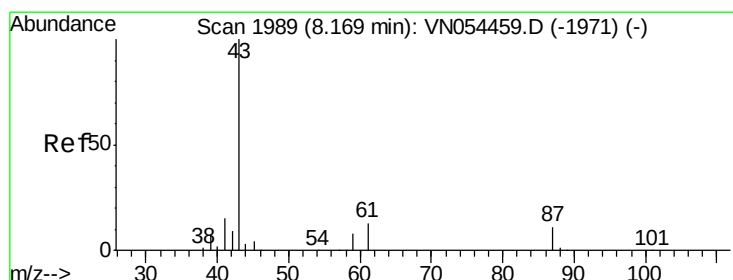
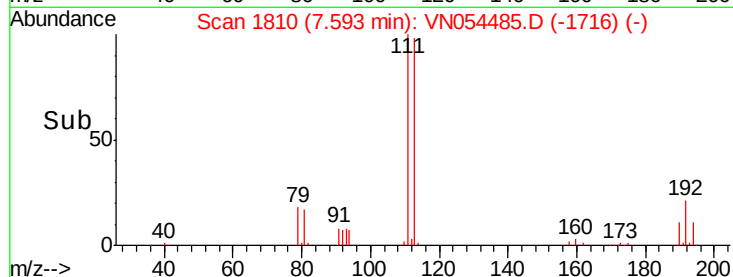
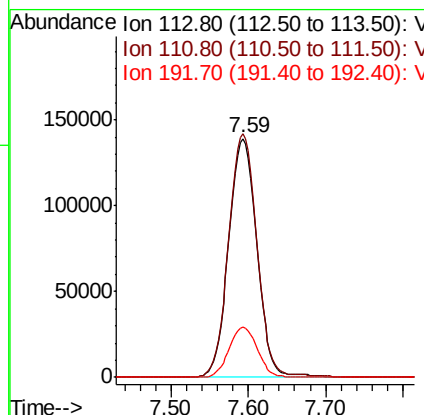
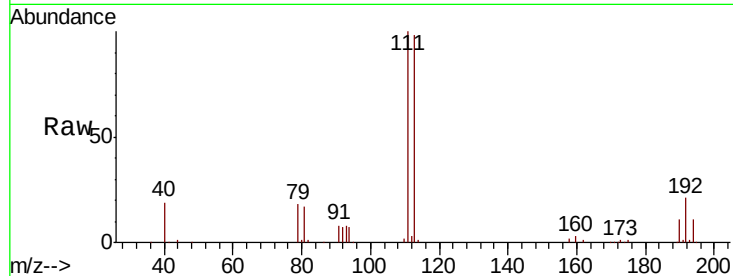




#35
 Dibromofluoromethane
 Concen: 48.847 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054485.D
 Acq: 21 Mar 2019 2:05

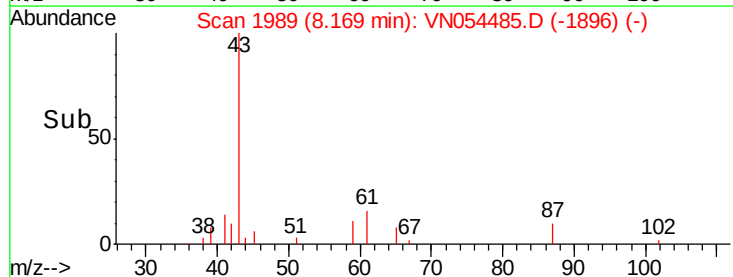
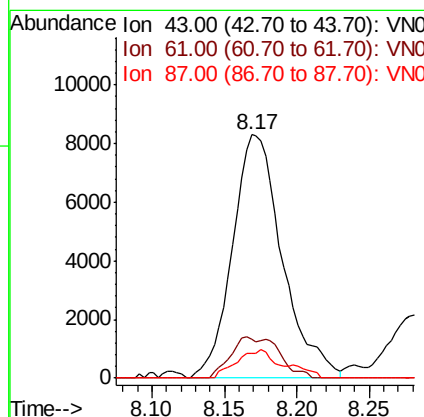
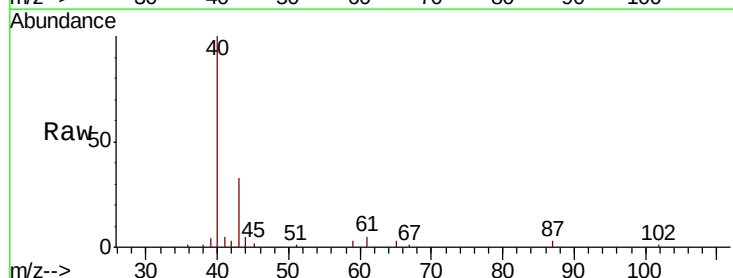
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-031919-F

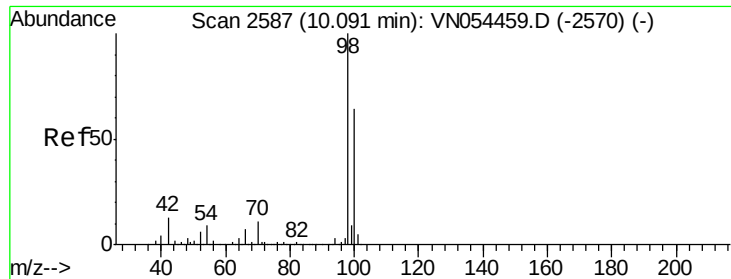
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.4
192	21.0	19.2	28.8



#43
 Isopropyl Acetate
 Concen: 1.575 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: VN054485.D
 Acq: 21 Mar 2019 2:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	8.7	15.8	23.8#
87	11.0	12.0	18.0#





#50

Toluene-d8

Concen: 49.286 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054485.D

Acq: 21 Mar 2019 2:05

Instrument :

MSVOA_N

ClientSampleId :

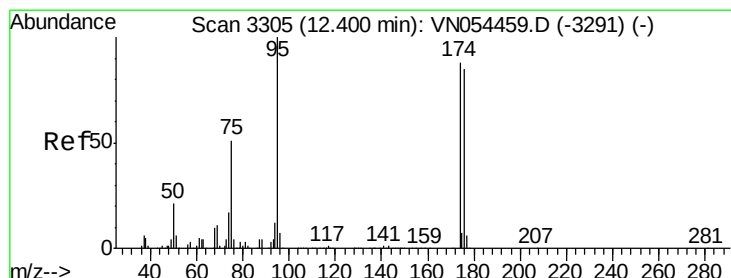
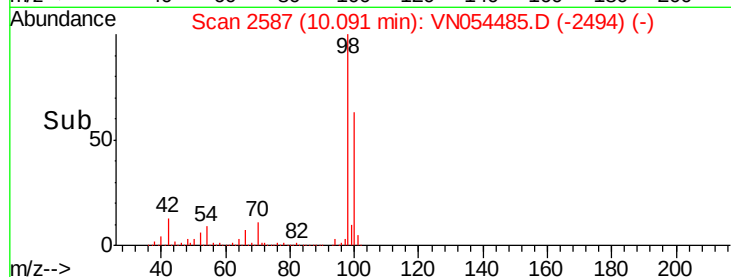
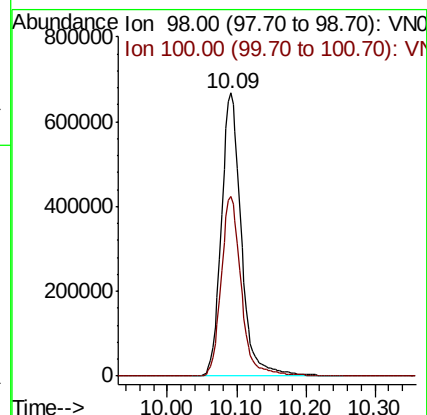
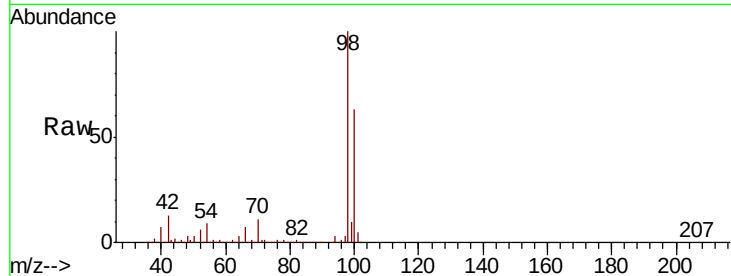
JC-02-031919-F

Tot Ion: 98 Resp: 1337246

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.232 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054485.D

Acq: 21 Mar 2019 2:05

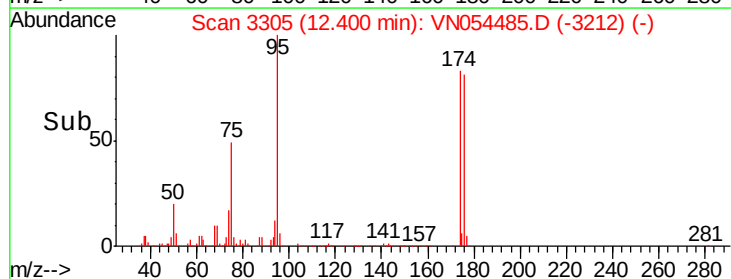
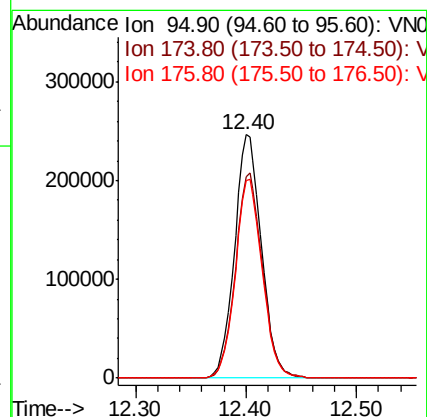
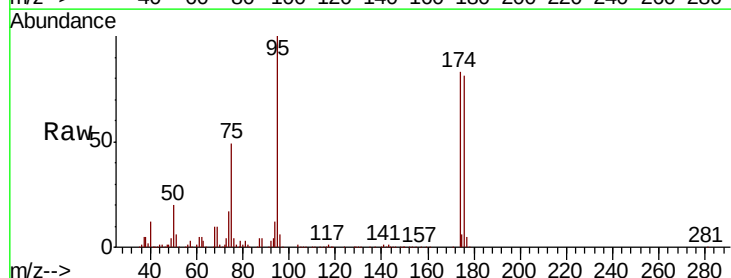
Tgt Ion: 95 Resp: 417611

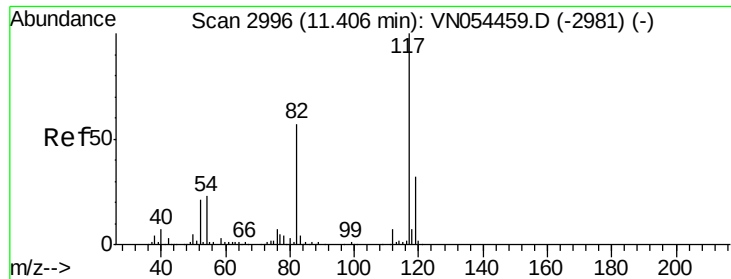
Ion Ratio Lower Upper

95 100

174 84.2 0.0 191.0

176 81.5 0.0 187.4

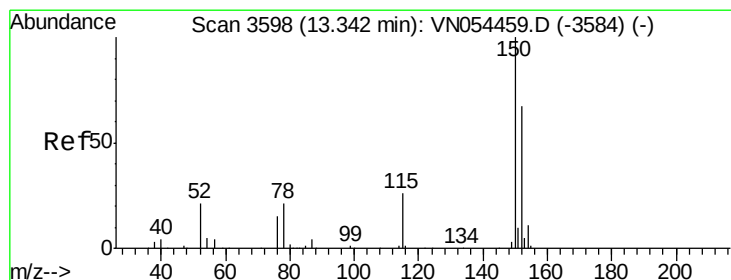
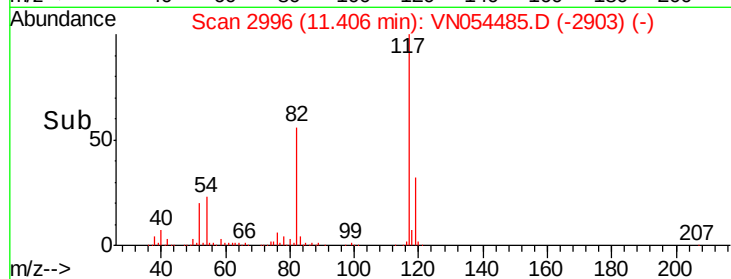
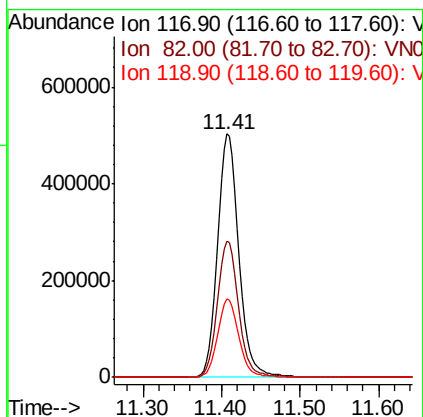
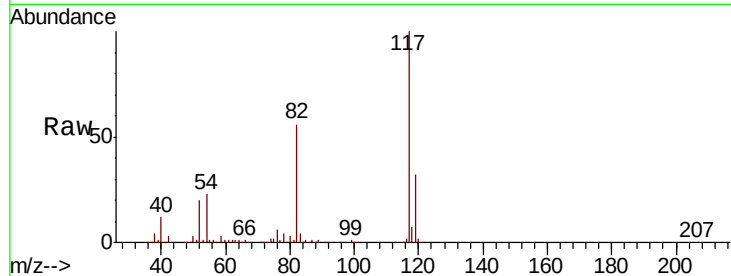




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054485.D
Acq: 21 Mar 2019 2:05

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-F

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	40.0	60.0
119	32.4	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054485.D
Acq: 21 Mar 2019 2:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	27.2	81.6
150	156.4	0.0	349.2

