

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054535.D
 Acq On : 22 Mar 2019 3:11
 Operator : JC/SP
 Sample : K1694-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-032019-C

Quant Time: Mar 22 10:48:27 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

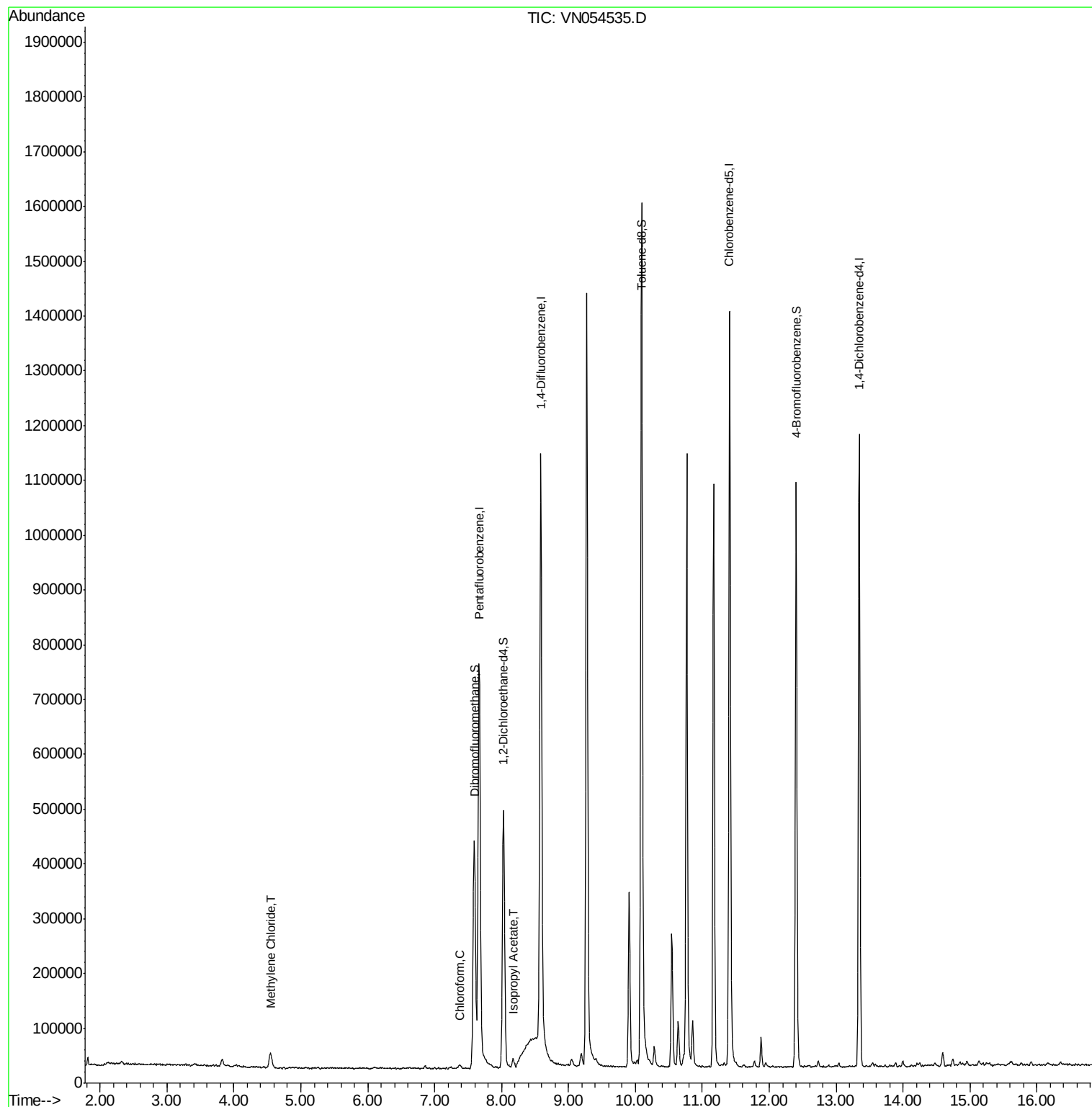
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	640199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1015067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	838390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	310834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	407079	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
35) Dibromofluoromethane	7.59	113	316653	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	10.09	98	1194327	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.40	95	369186	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	
Target Compounds						
20) Methylene Chloride	4.55	84	18649	2.643	ug/l #	81
30) Chloroform	7.38	83	7802	0.647	ug/l #	81
43) Isopropyl Acetate	8.17	43	19209	1.685	ug/l	94

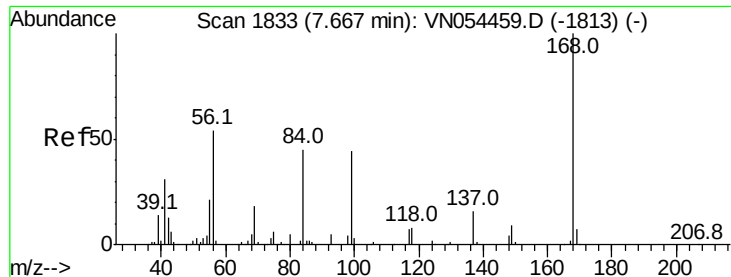
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054535.D

Acq: 22 Mar 2019 3:11

Instrument :

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ClientSampleId :

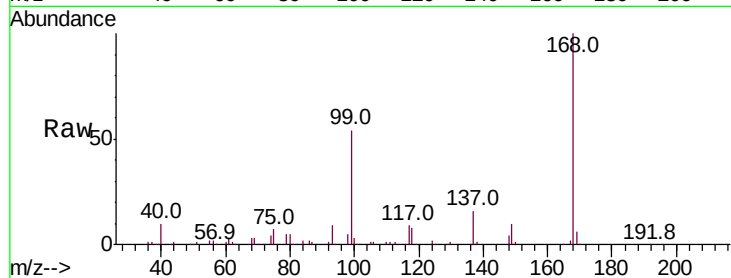
EO-02-032019-C

Tot Ion:168 Resp: 640199

Ion Ratio Lower Upper

168 100

99 54.1 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

250000

200000

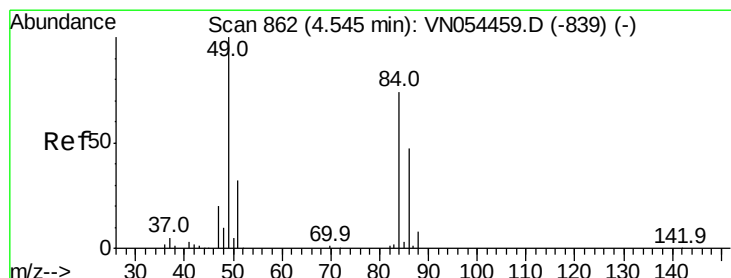
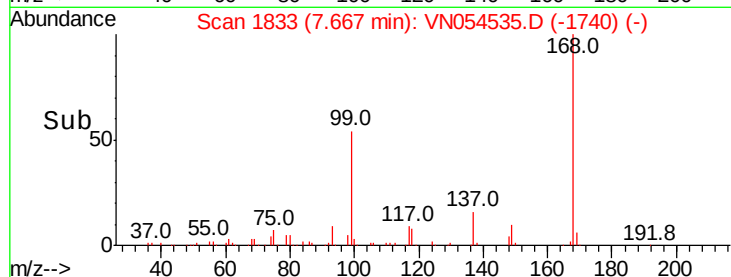
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.643 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054535.D

Acq: 22 Mar 2019 3:11

Tgt Ion: 84 Resp: 18649

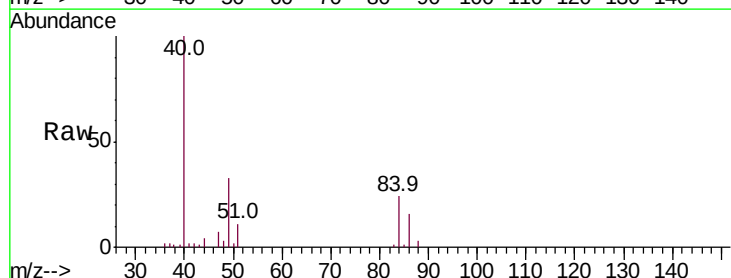
Ion Ratio Lower Upper

84 100

49 140.8 89.7 134.5#

51 47.4 28.2 42.4#

86 67.0 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

12000

10000

8000

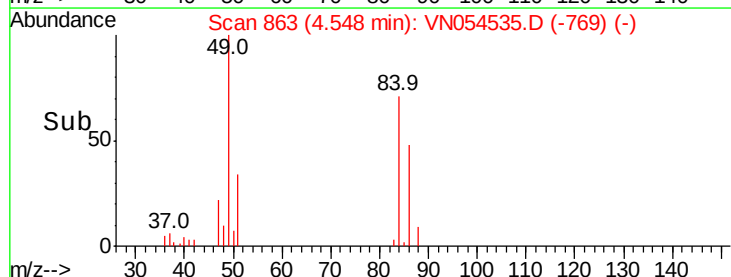
6000

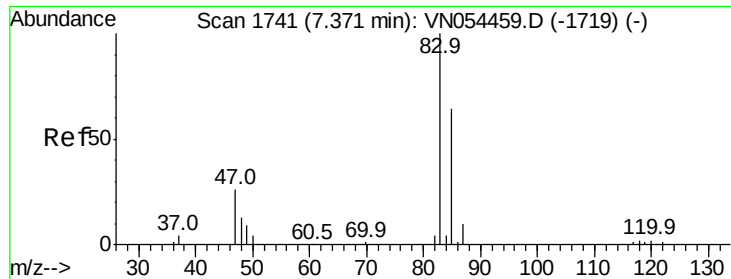
4000

2000

0

Time-->





#30

Chloroform

Concen: 0.647 ug/l

RT: 7.38 min Scan# 1744

Delta R.T. 0.01 min

Lab File: VN054535.D

Acq: 22 Mar 2019 3:11

Instrument :

MSVOA_N

ClientSampleId :

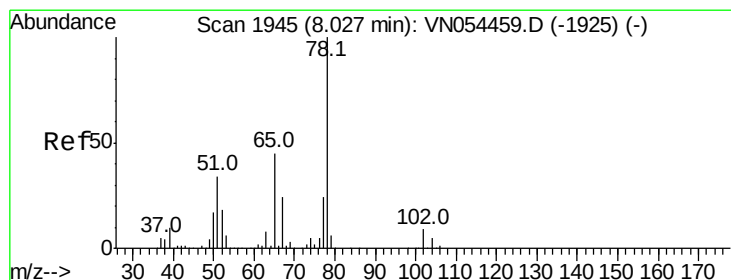
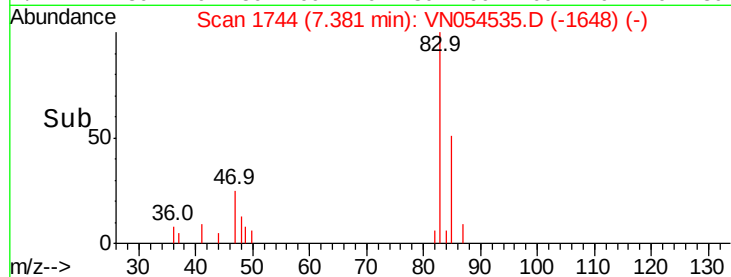
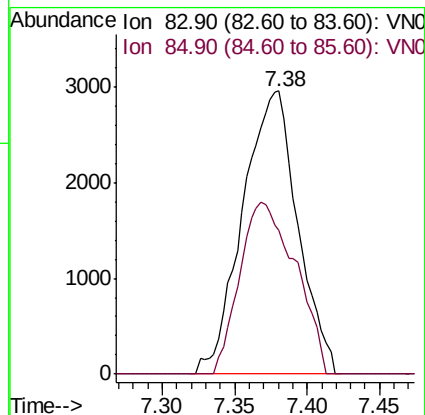
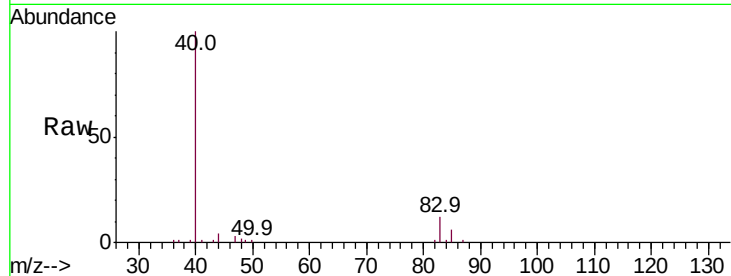
EO-02-032019-C

Tot Ion: 83 Resp: 7802

Ion Ratio Lower Upper

83 100

85 50.6 52.2 78.4#



#33

1,2-Dichloroethane-d4

Concen: 51.121 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054535.D

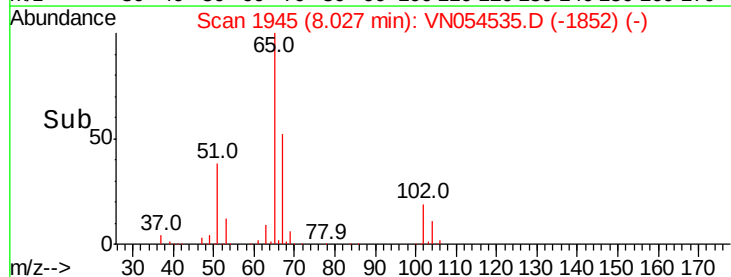
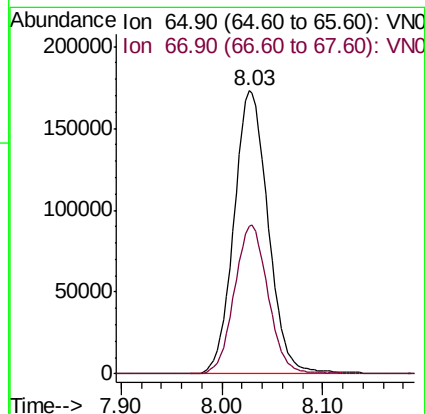
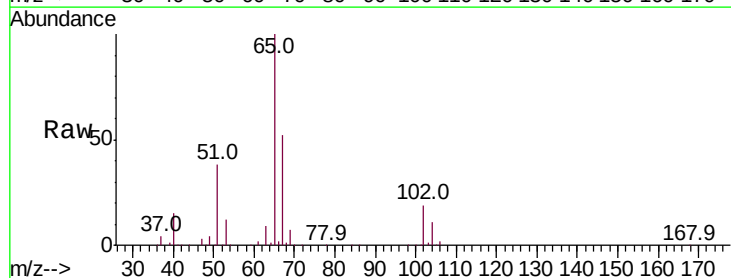
Acq: 22 Mar 2019 3:11

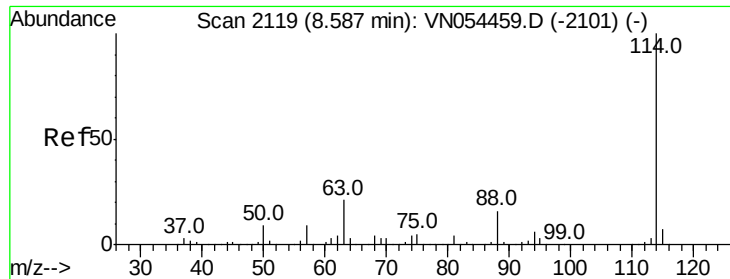
Tgt Ion: 65 Resp: 407079

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.6



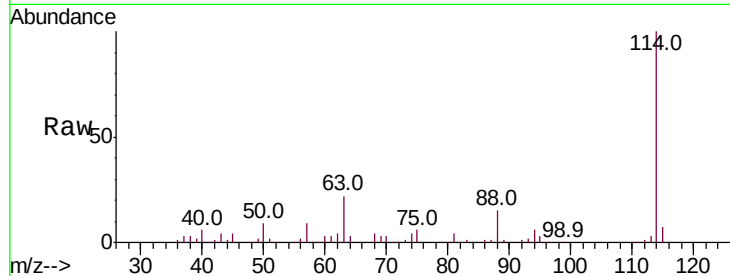


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054535.D
 Acq: 22 Mar 2019 3:11

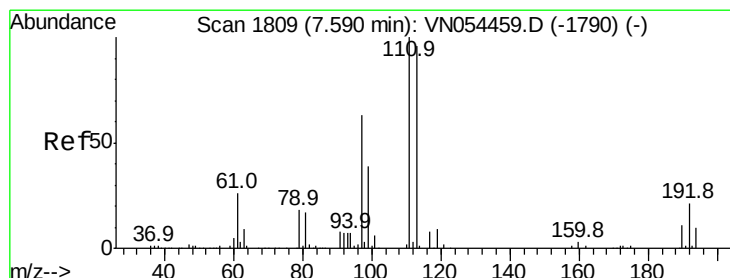
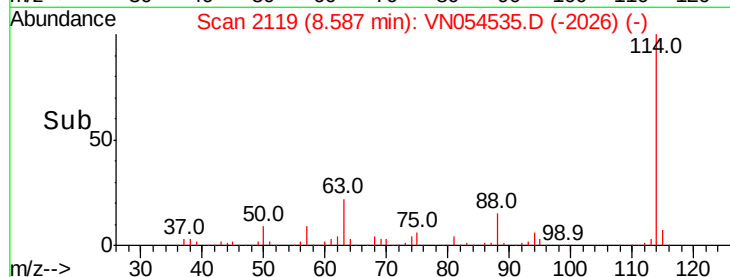
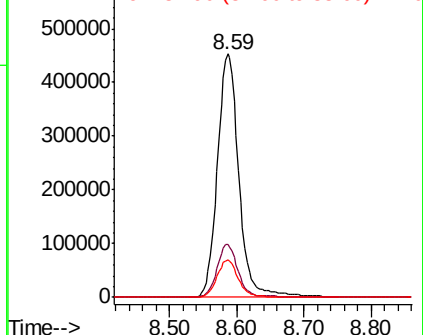
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-032019-C

Tot Ion:114 Resp: 1015067

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	35.2
88	15.3	0.0	30.2



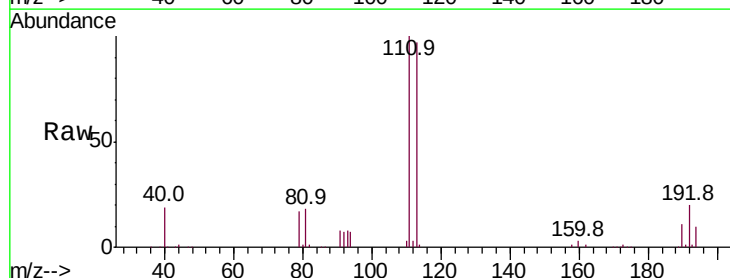
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



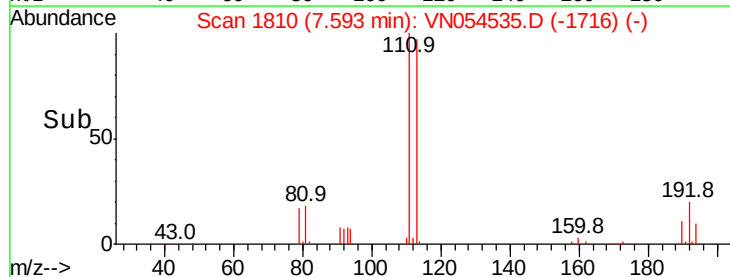
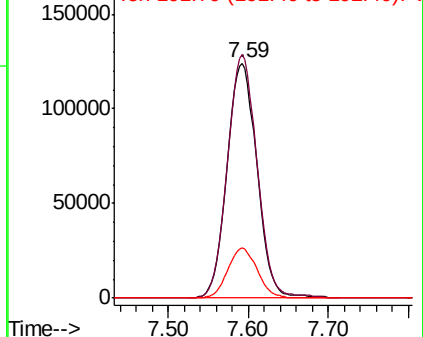
#35
 Dibromofluoromethane
 Concen: 48.421 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054535.D
 Acq: 22 Mar 2019 3:11

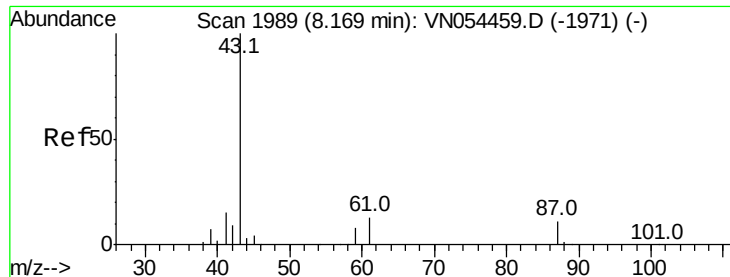
Tgt Ion:113 Resp: 316653

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	21.1	19.2	28.8



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: 1.685 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054535.D

Acq: 22 Mar 2019 3:11

Instrument :

MSVOA_N

ClientSampleId :

EO-02-032019-C

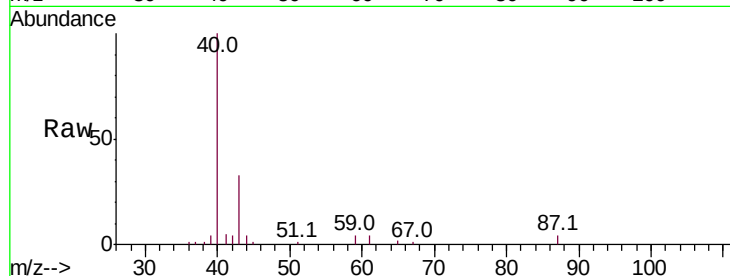
Tot Ion: 43 Resp: 19209

Ion Ratio Lower Upper

43 100

61 17.1 15.8 23.8

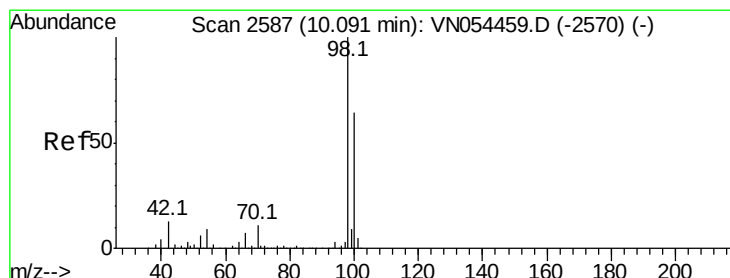
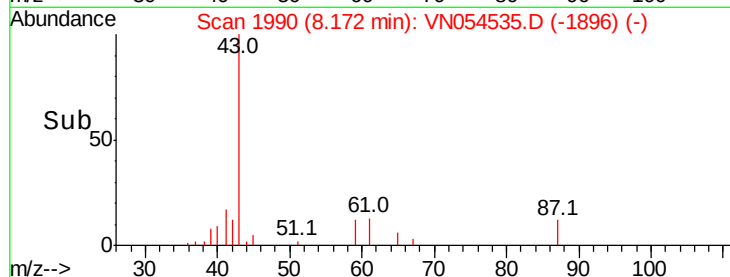
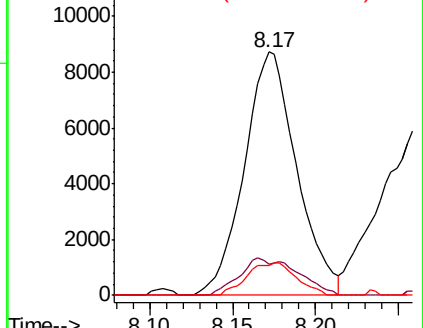
87 12.6 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 48.580 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054535.D

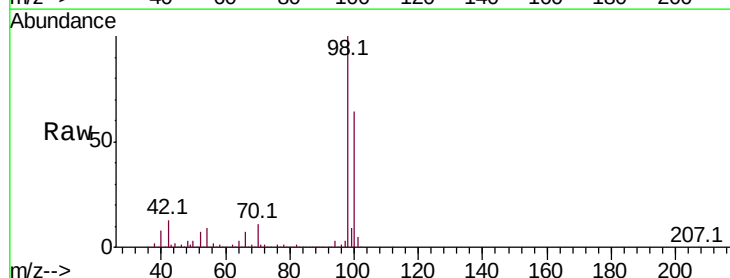
Acq: 22 Mar 2019 3:11

Tgt Ion: 98 Resp: 1194327

Ion Ratio Lower Upper

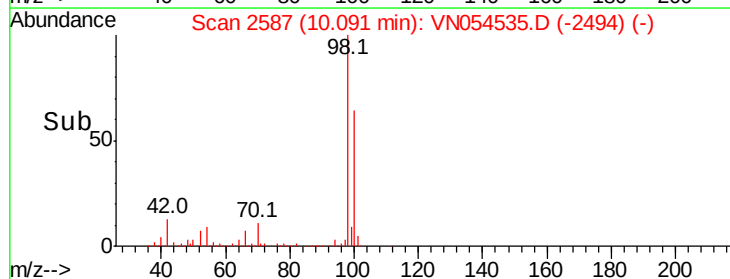
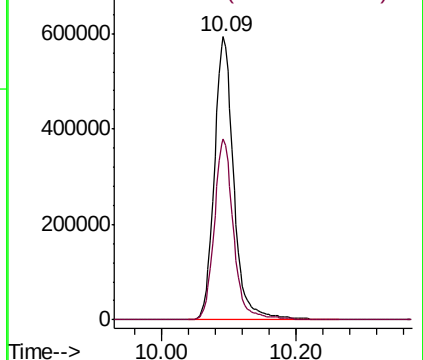
98 100

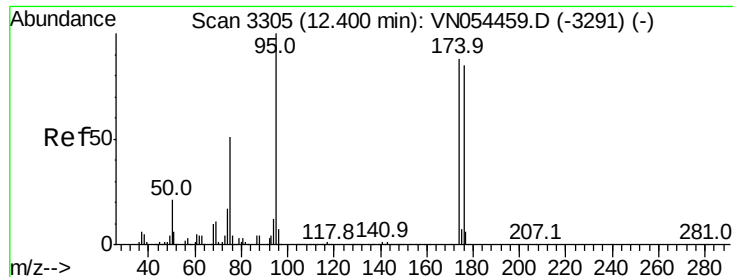
100 63.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.131 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054535.D

Acq: 22 Mar 2019 3:11

Instrument :

MSVOA_N

ClientSampleId :

EO-02-032019-C

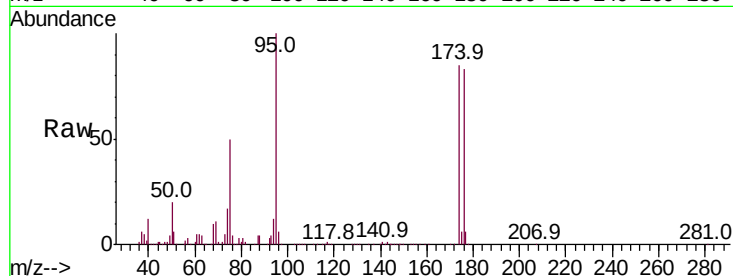
Tot Ion: 95 Resp: 369186

Ion Ratio Lower Upper

95 100

174 84.6 0.0 191.0

176 82.0 0.0 187.4

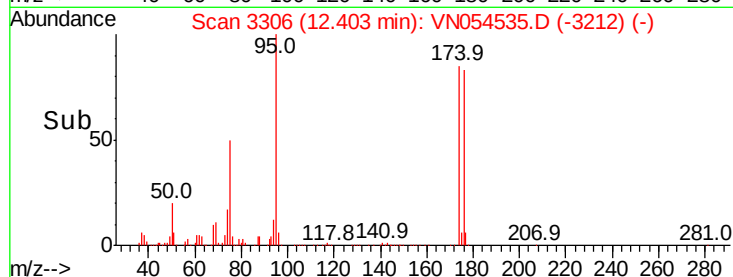


Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

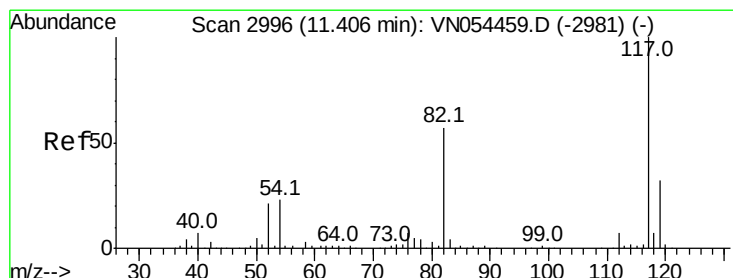
Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)

12.40



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054535.D

Acq: 22 Mar 2019 3:11

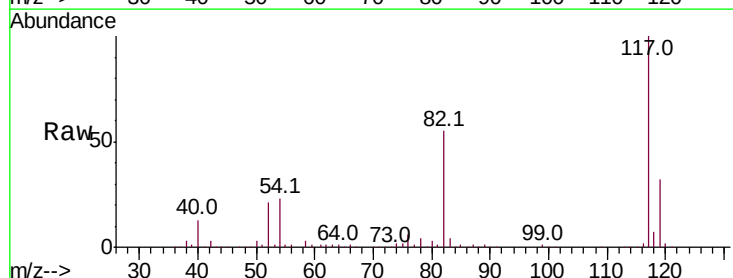
Tgt Ion: 117 Resp: 838390

Ion Ratio Lower Upper

117 100

82 55.3 40.0 60.0

119 31.7 25.8 38.6

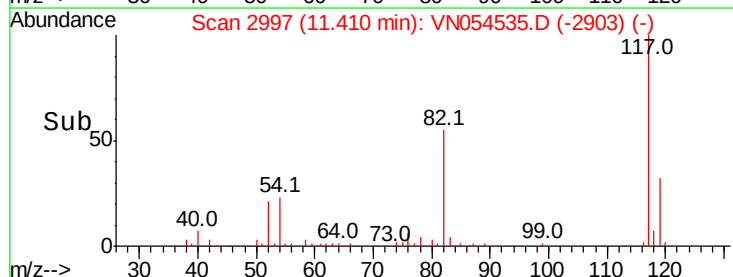


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

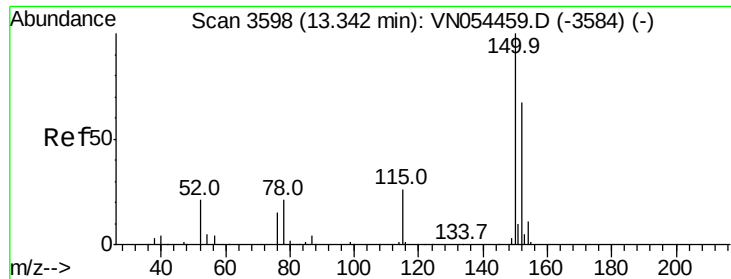
Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)

11.41



Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054535.D

Acq: 22 Mar 2019 3:11

Instrument :

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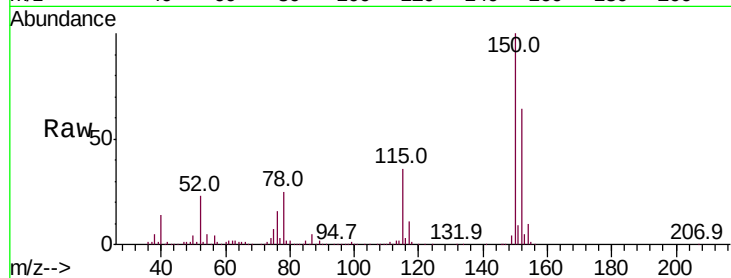
Tot Ion:152 Resp: 310834

Ion Ratio Lower Upper

152 100

115 57.5 27.2 81.6

150 157.2 0.0 349.2



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

