

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054492.D
 Acq On : 21 Mar 2019 5:17
 Operator : JC/SP
 Sample : K1688-40
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

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

Quant Time: Mar 22 07:07:11 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

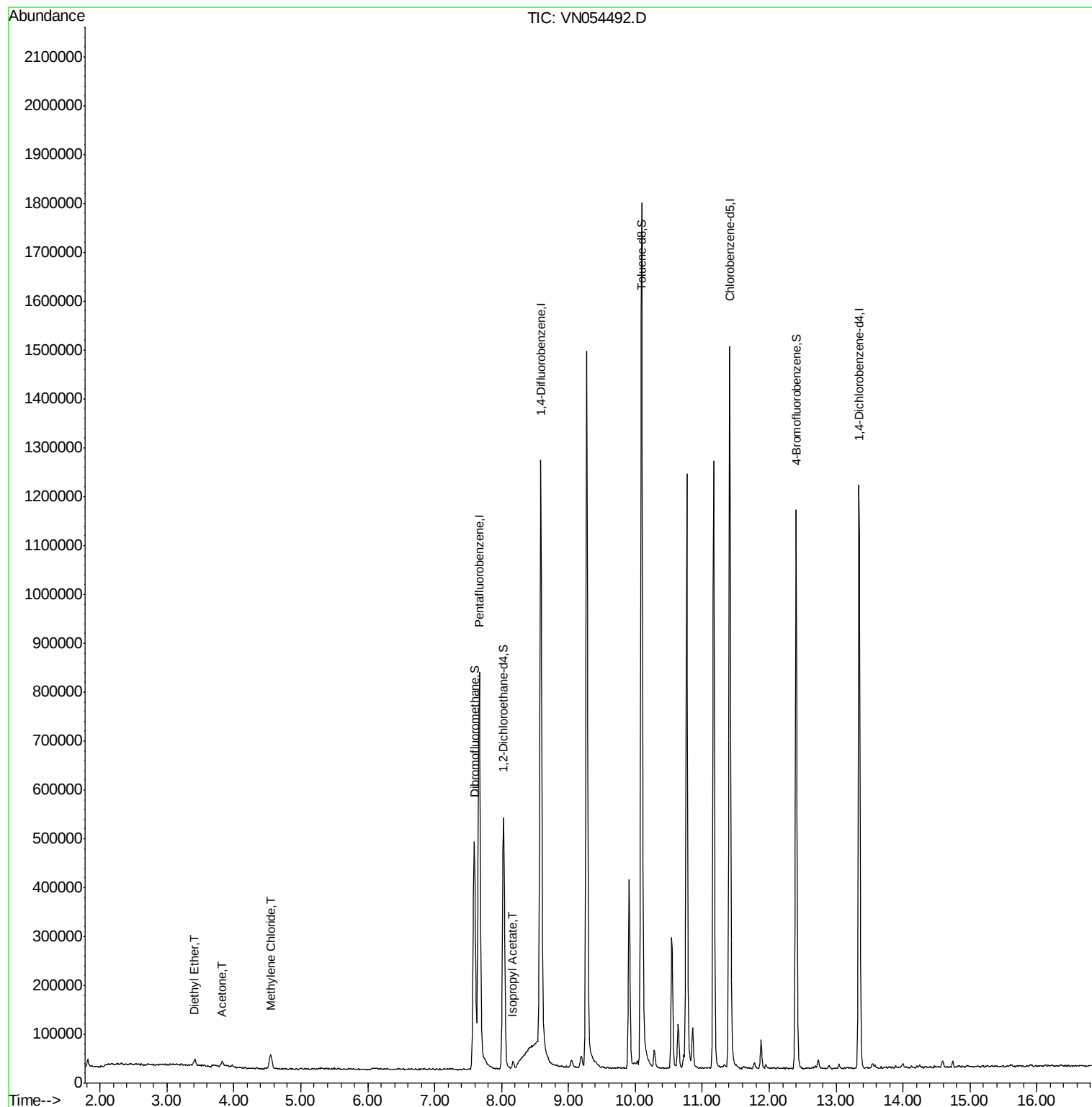
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	731970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1129953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	908572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	328486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	445528	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
35) Dibromofluoromethane	7.59	113	348216	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
50) Toluene-d8	10.09	98	1315753	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
62) 4-Bromofluorobenzene	12.40	95	396967	42.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.26%	
Target Compounds						
8) Diethyl Ether	3.41	74	6202	1.389	ug/l	71
16) Acetone	3.83	43	16514	6.033	ug/l	97
20) Methylene Chloride	4.55	84	20332	2.520	ug/l	88
43) Isopropyl Acetate	8.17	43	16934	1.334	ug/l #	92

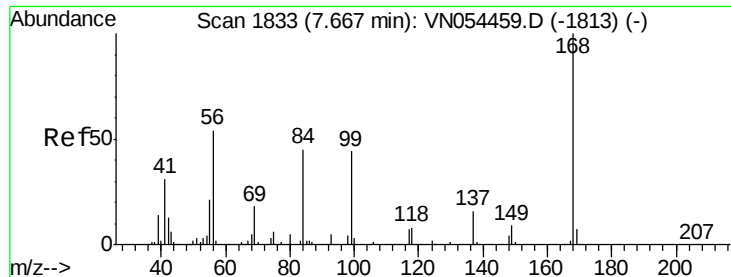
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054492.D

Acq: 21 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

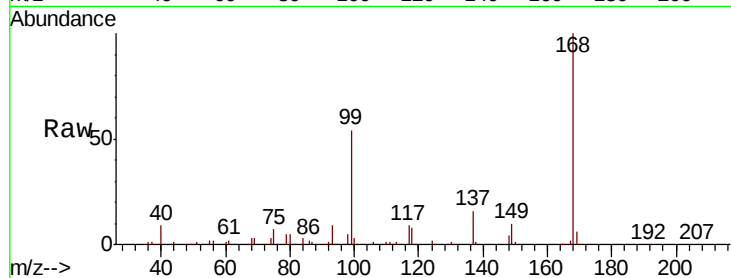
JC-02-031919-J

Tot Ion:168 Resp: 731970

Ion Ratio Lower Upper

168 100

99 54.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

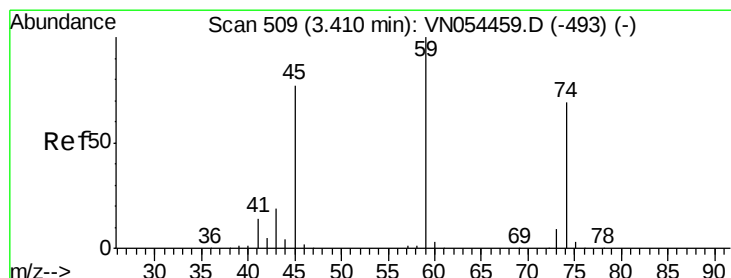
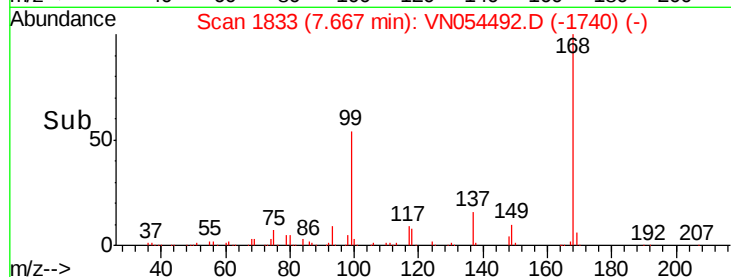
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#8

Diethyl Ether

Concen: 1.389 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN054492.D

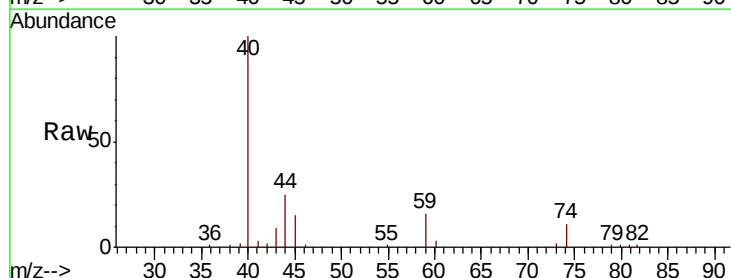
Acq: 21 Mar 2019 5:17

Tgt Ion: 74 Resp: 6202

Ion Ratio Lower Upper

74 100

45 113.2 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

3.41

4000

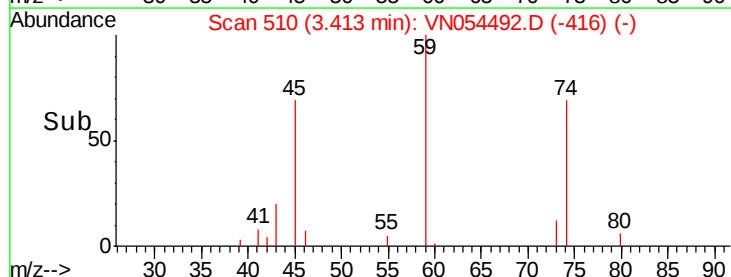
3000

2000

1000

0

Time--> 3.35 3.40 3.45





#16

Acetone

Concen: 6.033 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054492.D

Acq: 21 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

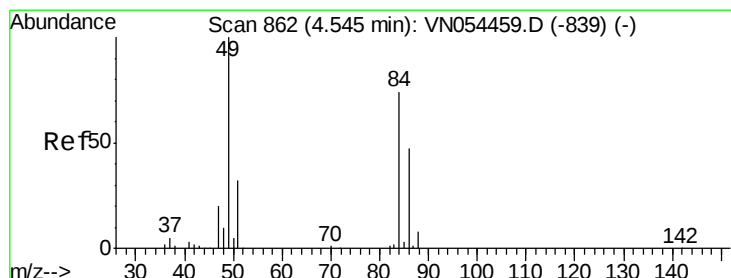
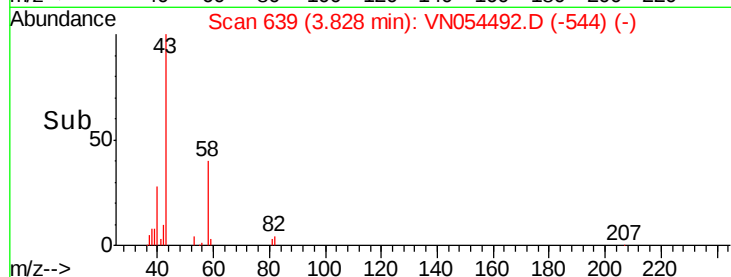
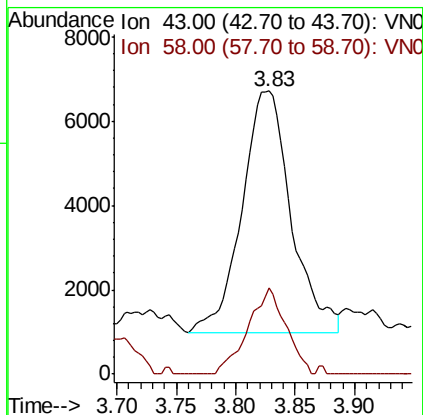
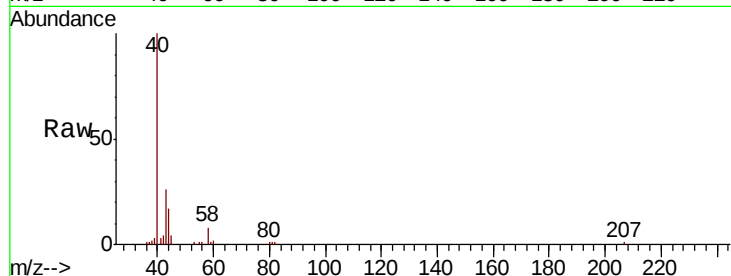
JC-02-031919-J

Tot Ion: 43 Resp: 16514

Ion Ratio Lower Upper

43 100

58 35.5 29.9 44.9



#20

Methylene Chloride

Concen: 2.520 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054492.D

Acq: 21 Mar 2019 5:17

Tgt Ion: 84 Resp: 20332

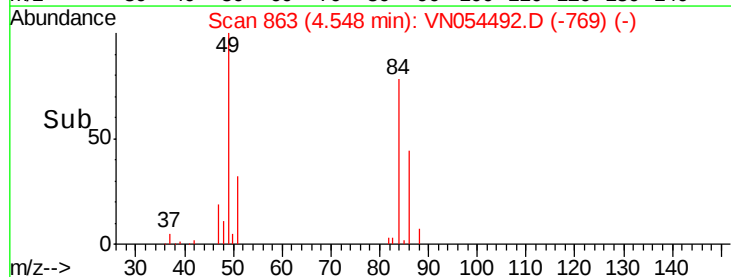
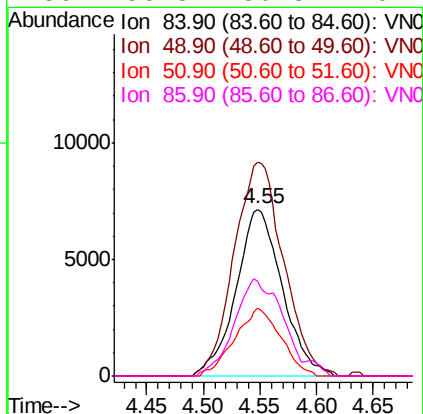
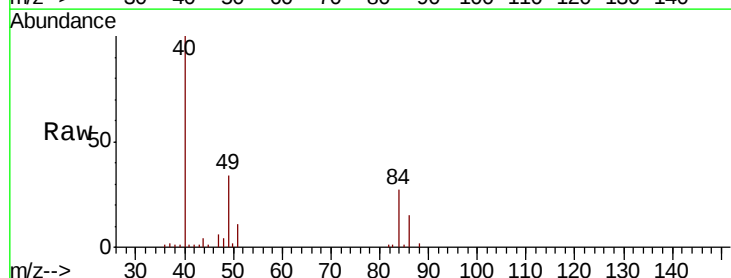
Ion Ratio Lower Upper

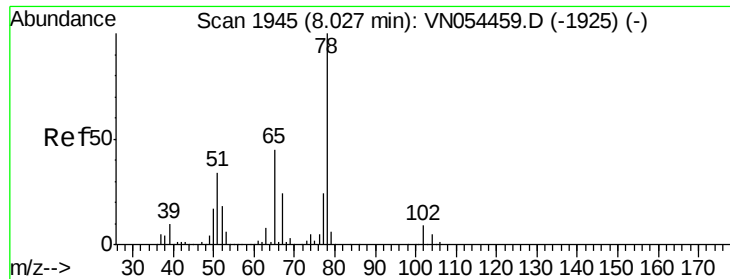
84 100

49 128.0 89.7 134.5

51 40.4 28.2 42.4

86 56.8 50.8 76.2

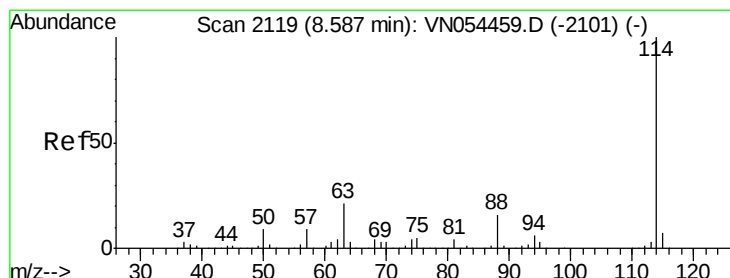
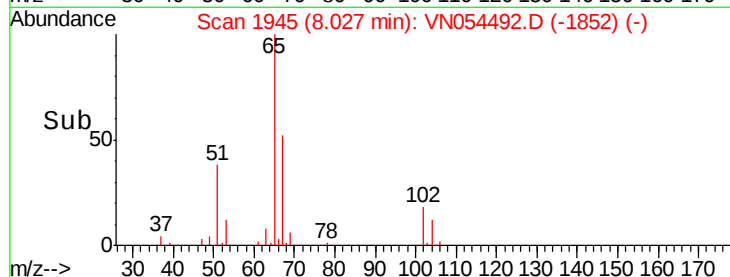
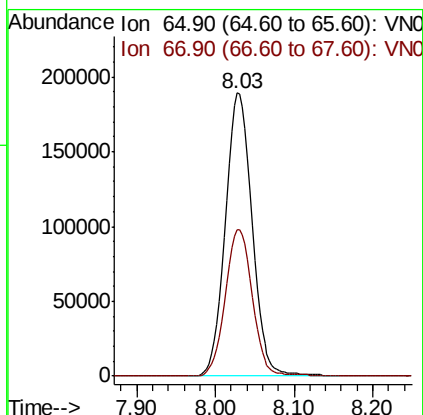
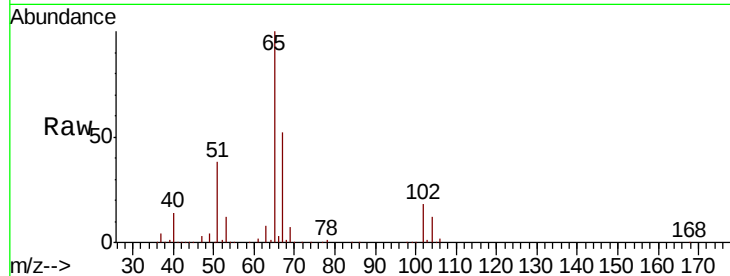




#33
 1,2-Dichloroethane-d4
 Concen: 48.935 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054492.D
 Acq: 21 Mar 2019 5:17

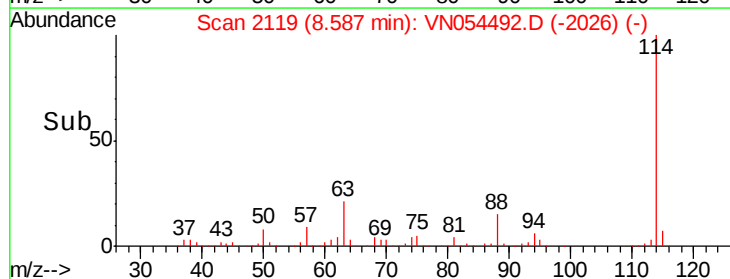
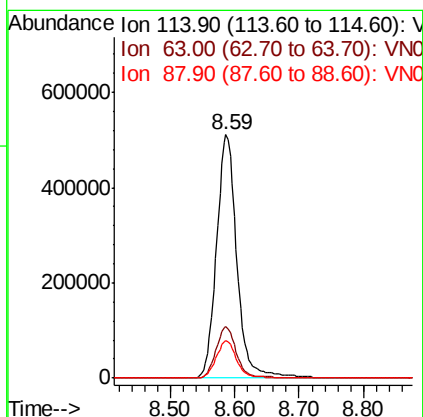
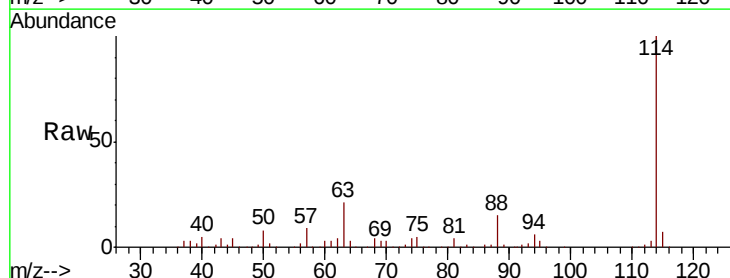
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-031919-J

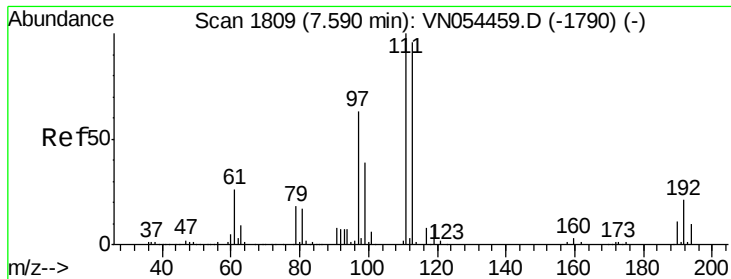
Tot Ion: 65 Resp: 44528
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054492.D
 Acq: 21 Mar 2019 5:17

Tgt Ion: 114 Resp: 1129953
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 35.2
 88 15.2 0.0 30.2

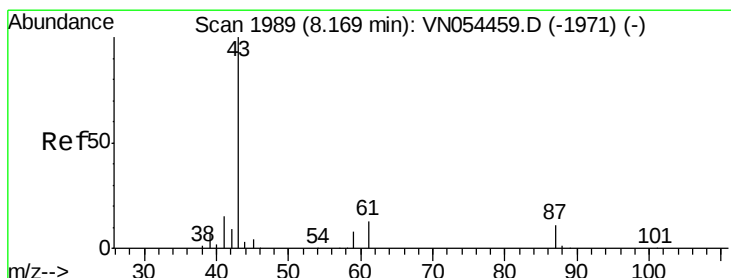
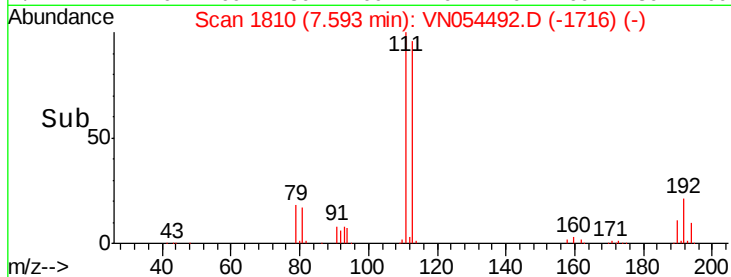
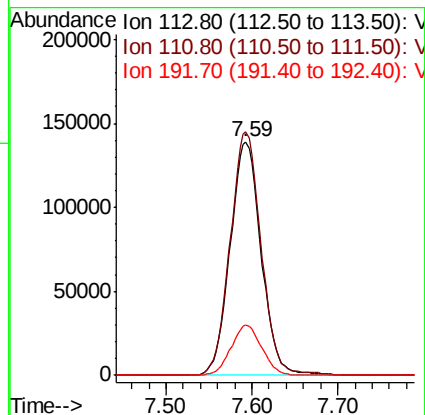
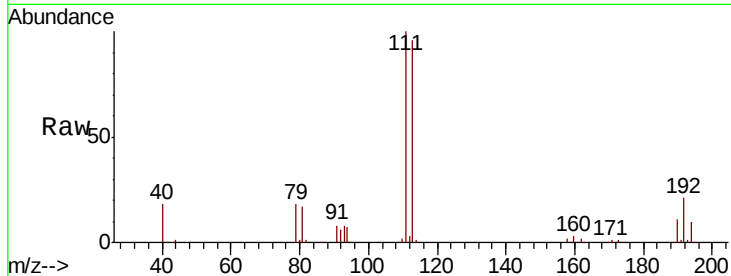




#35
 Dibromofluoromethane
 Concen: 47.834 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054492.D
 Acq: 21 Mar 2019 5:17

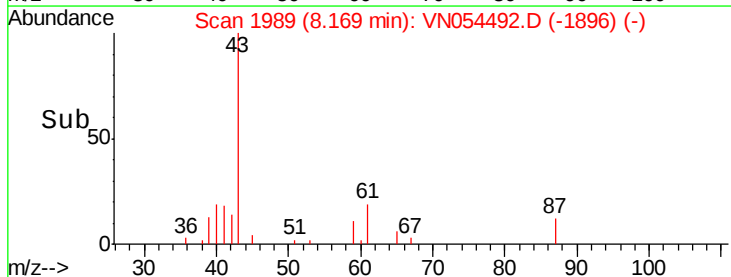
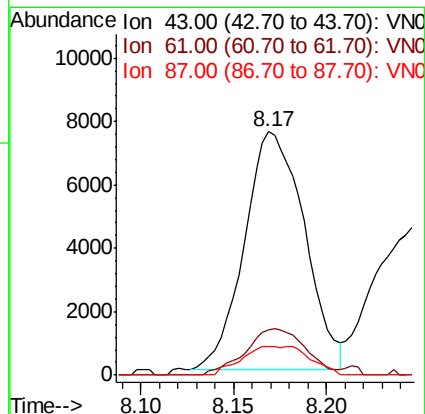
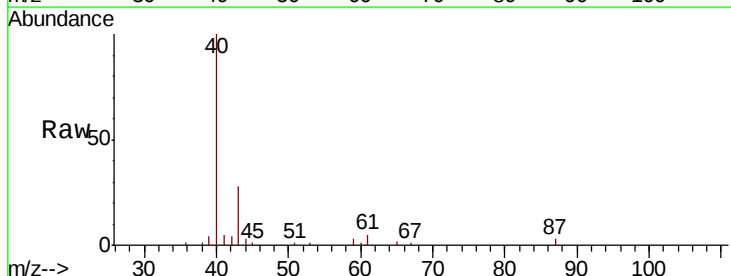
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-031919-J

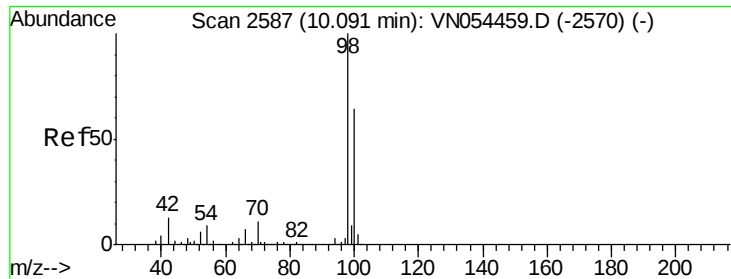
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	21.4	19.2	28.8



#43
 Isopropyl Acetate
 Concen: 1.334 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: VN054492.D
 Acq: 21 Mar 2019 5:17

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.8	23.8
87	7.9	12.0	18.0#





#50

Toluene-d8

Concen: 48.078 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054492.D

Acq: 21 Mar 2019 5:17

Instrument :

MSVOA_N

ClientSampleId :

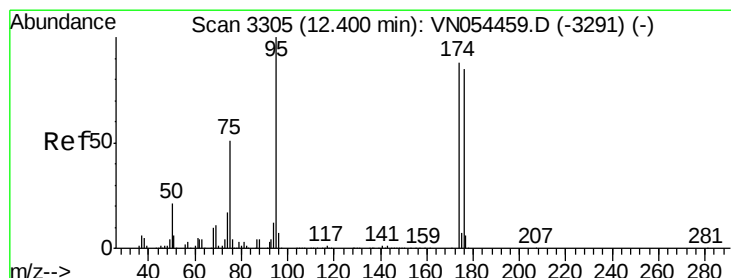
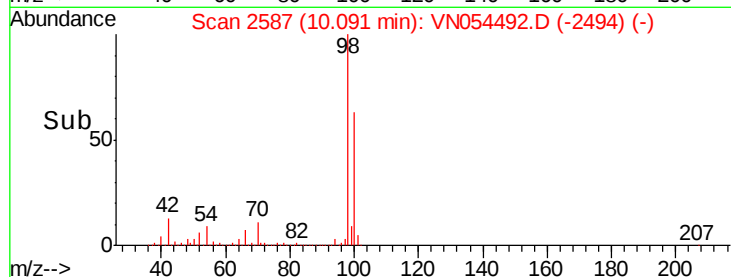
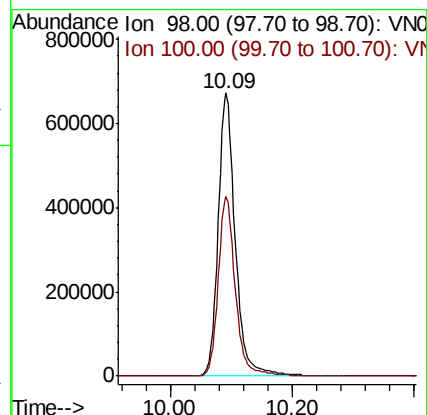
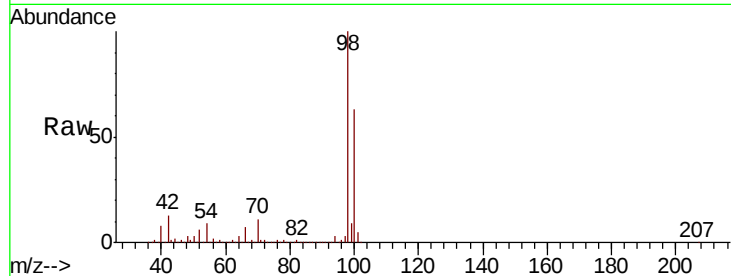
JC-02-031919-J

Tot Ion: 98 Resp: 1315753

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 42.627 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054492.D

Acq: 21 Mar 2019 5:17

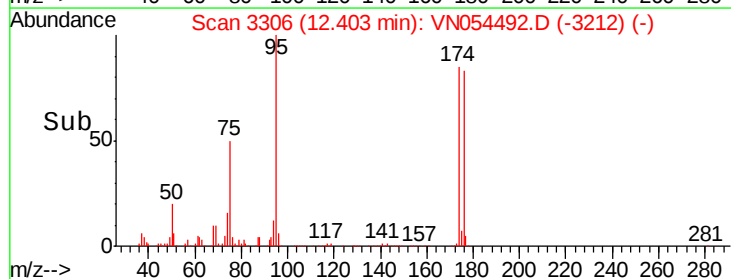
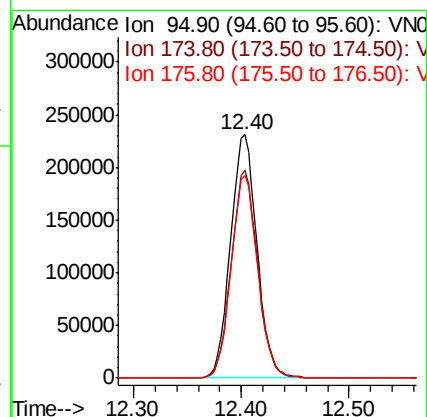
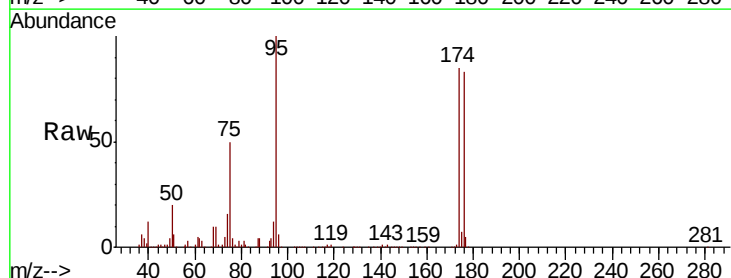
Tgt Ion: 95 Resp: 396967

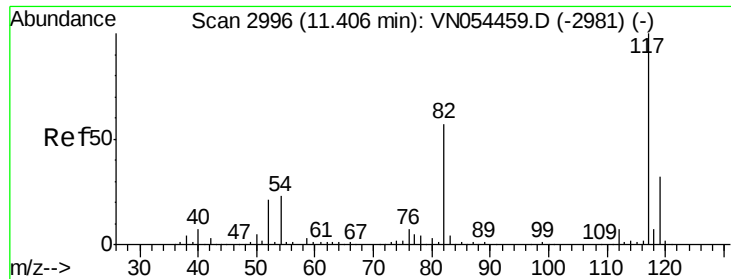
Ion Ratio Lower Upper

95 100

174 85.1 0.0 191.0

176 83.0 0.0 187.4

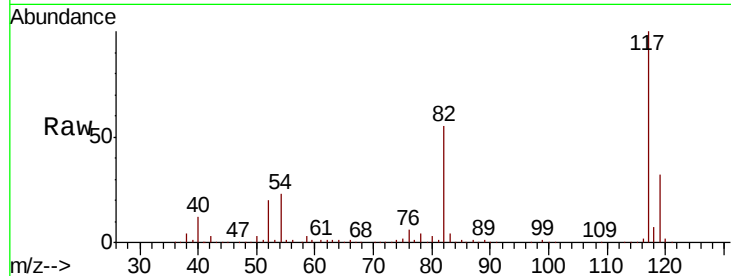




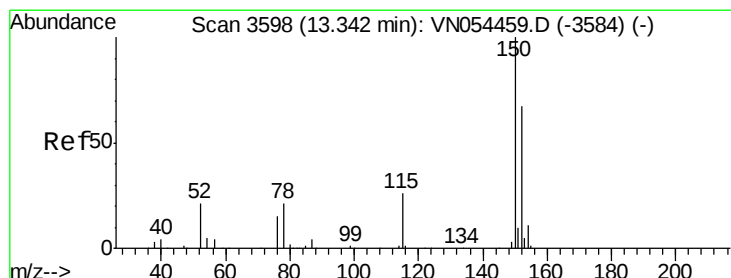
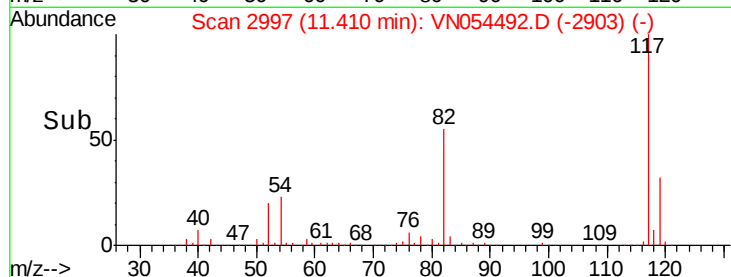
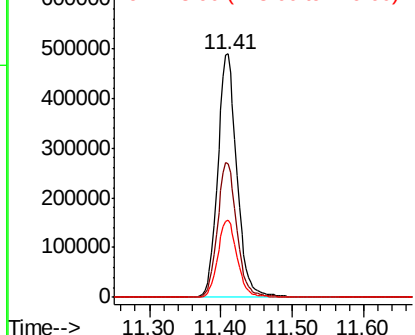
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054492.D
Acq: 21 Mar 2019 5:17

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

Tot Ion:117 Resp: 908572
Ion Ratio Lower Upper
117 100
82 55.1 40.0 60.0
119 31.8 25.8 38.6

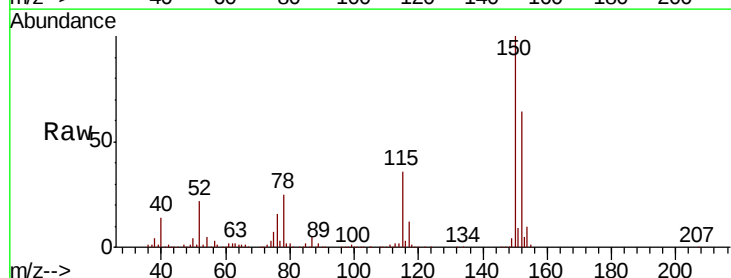


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054492.D
Acq: 21 Mar 2019 5:17

Tgt Ion:152 Resp: 328486
Ion Ratio Lower Upper
152 100
115 57.9 27.2 81.6
150 157.6 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

