

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054500.D
 Acq On : 21 Mar 2019 8:57
 Operator : JC/SP
 Sample : K1943-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190125-LOC-2

Quant Time: Mar 22 07:23:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 14:42:09 2019
 Response via : Initial Calibration

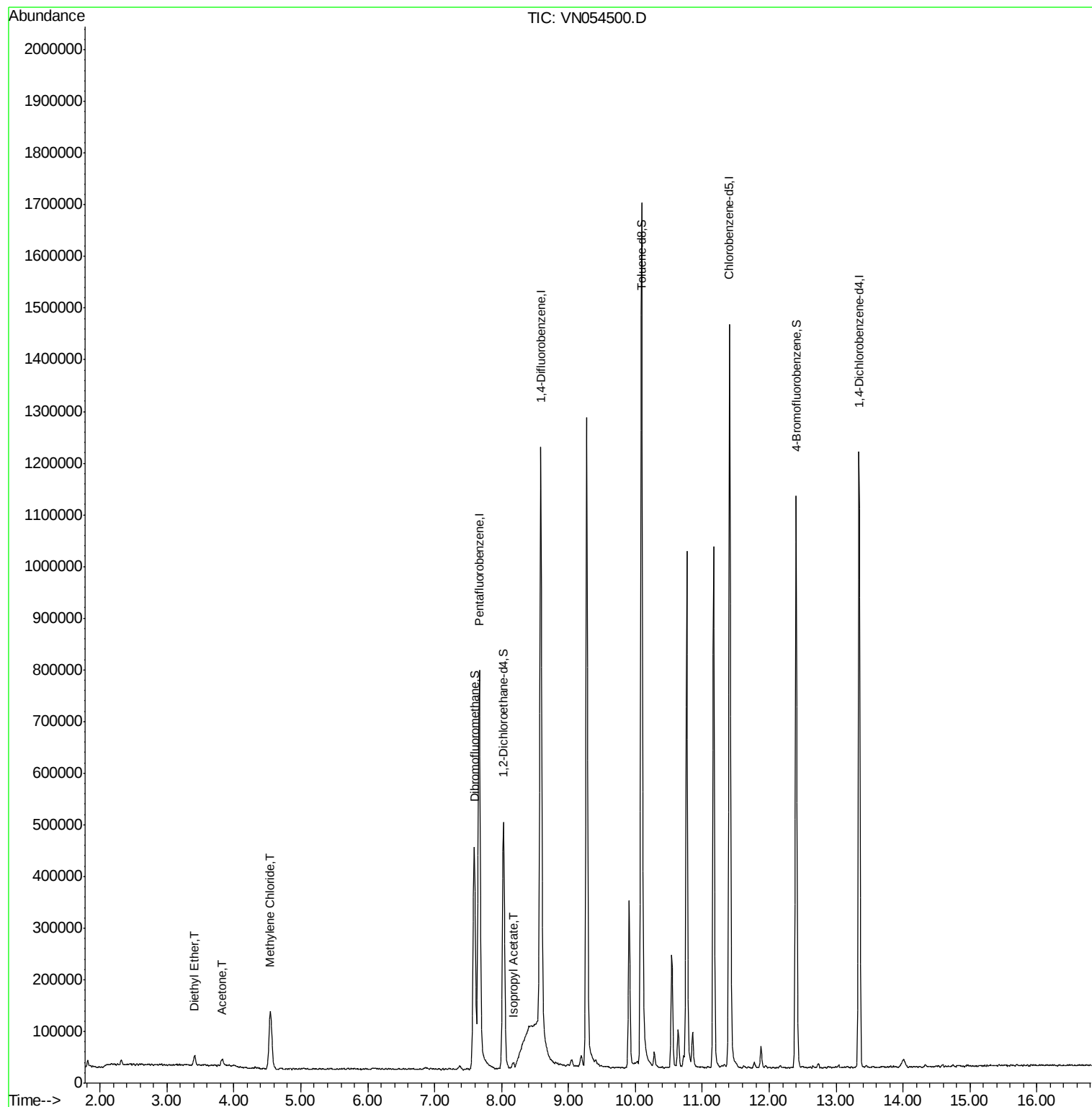
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	671299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1061493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	883845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	327213	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	414000	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
35) Dibromofluoromethane	7.59	113	322296	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
50) Toluene-d8	10.09	98	1263175	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.40	95	389549	44.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.06%	
Target Compounds						
8) Diethyl Ether	3.41	74	8956	2.187	ug/l	71
16) Acetone	3.82	43	22540	8.979	ug/l #	84
20) Methylene Chloride	4.54	84	78180	10.565	ug/l #	84
43) Isopropyl Acetate	8.17	43	15116	1.268	ug/l	97

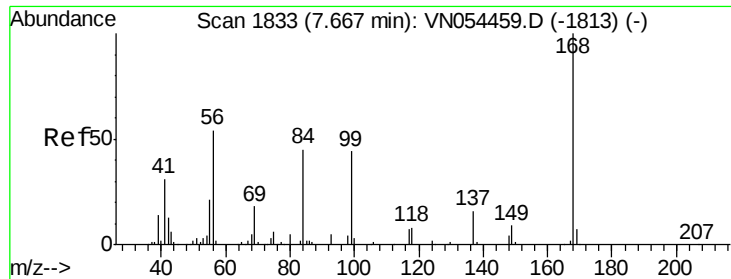
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054500.D

Acq: 21 Mar 2019 8:57

Instrument :

MSVOA_N

ClientSampleId :

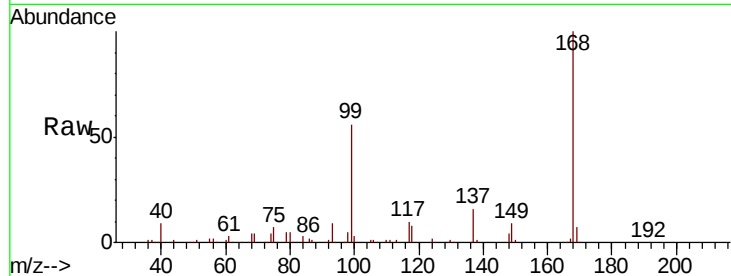
20190125-LOC-2

Tot Ion:168 Resp: 671299

Ion Ratio Lower Upper

168 100

99 55.8 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

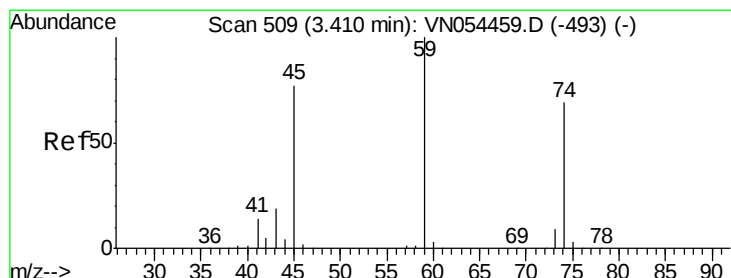
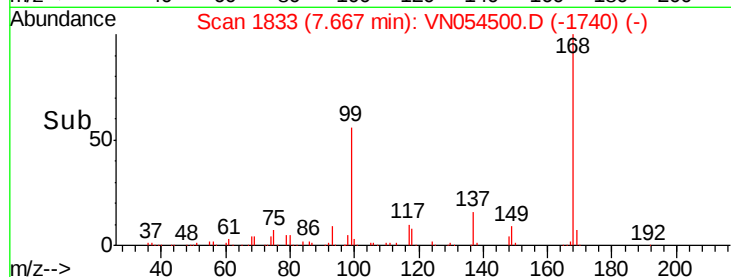
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.187 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN054500.D

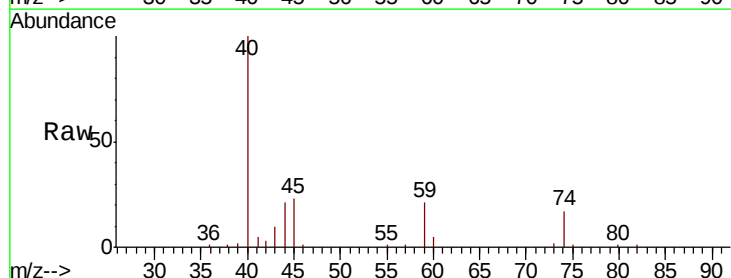
Acq: 21 Mar 2019 8:57

Tgt Ion: 74 Resp: 8956

Ion Ratio Lower Upper

74 100

45 113.0 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.41

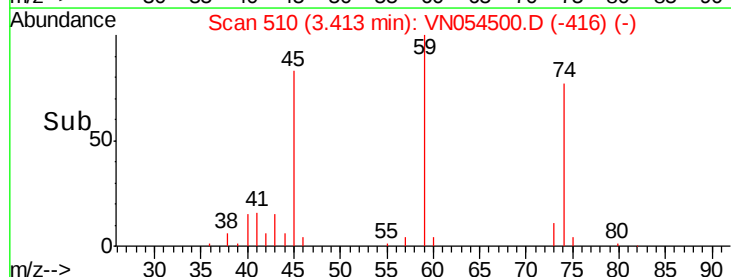
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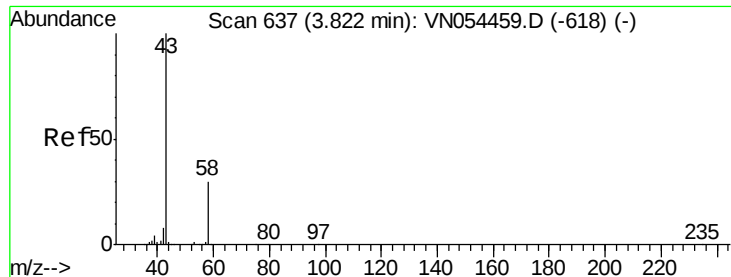
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2000

0

Time-->

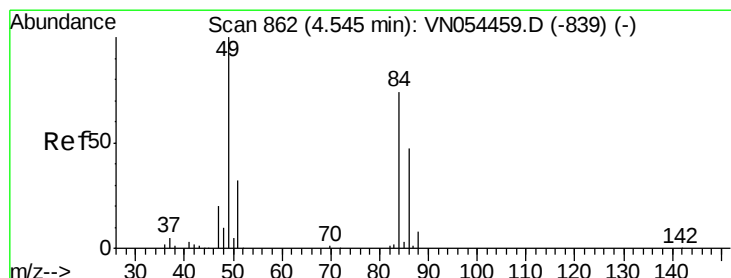
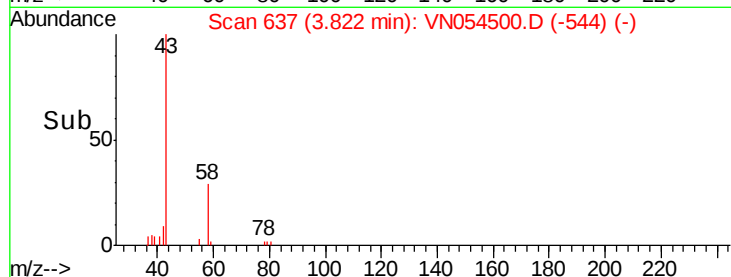
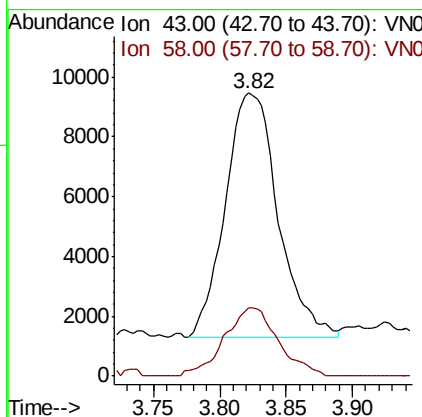
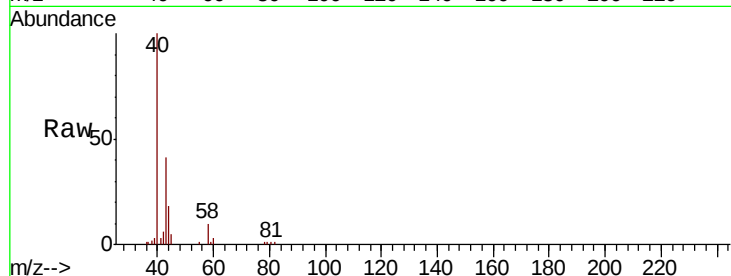




#16
Acetone
Concen: 8.979 ug/l
RT: 3.82 min Scan# 637
Delta R.T. -0.00 min
Lab File: VN054500.D
Acq: 21 Mar 2019 8:57

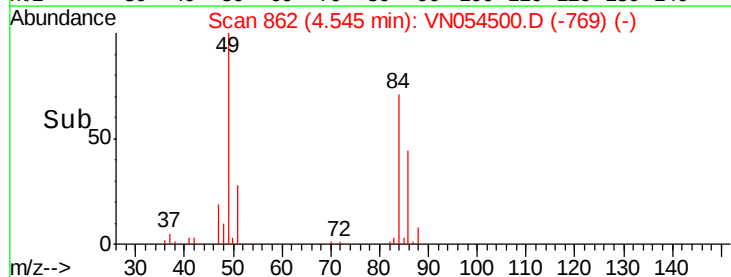
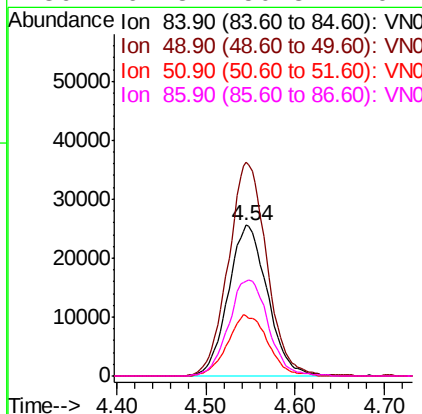
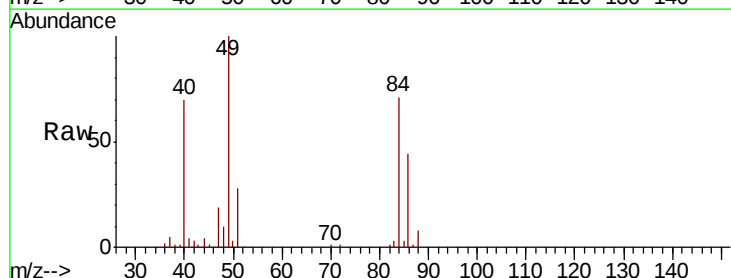
Instrument :
MSVOA_N
ClientSampleId :
20190125-LOC-2

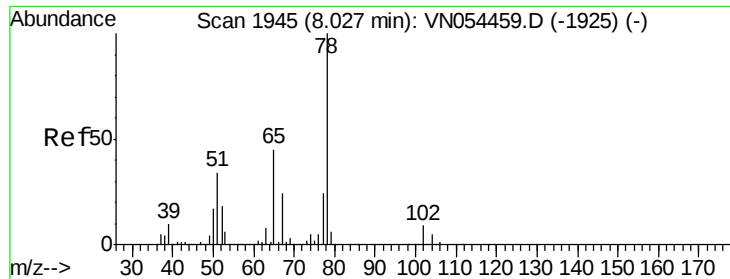
Tot Ion: 43 Resp: 22540
Ion Ratio Lower Upper
43 100
58 27.9 29.9 44.9#



#20
Methylene Chloride
Concen: 10.565 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054500.D
Acq: 21 Mar 2019 8:57

Tgt Ion: 84 Resp: 78180
Ion Ratio Lower Upper
84 100
49 140.8 89.7 134.5#
51 40.2 28.2 42.4
86 62.8 50.8 76.2

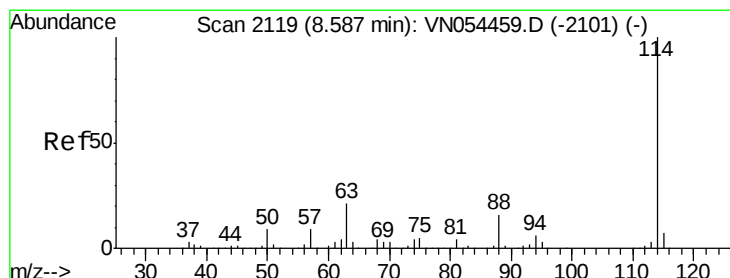
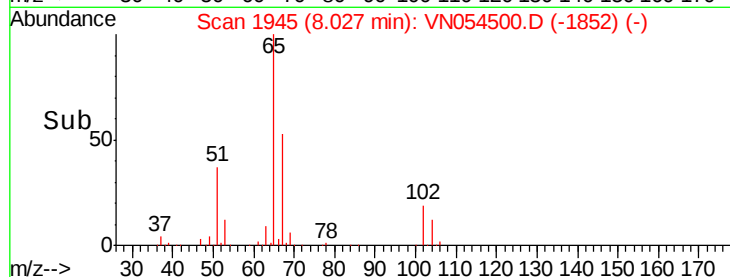
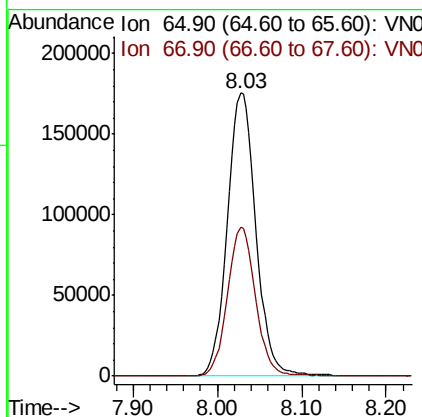
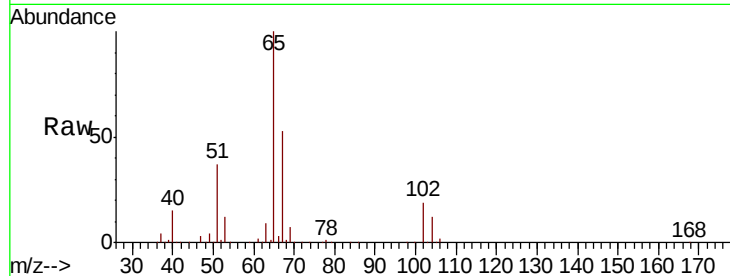




#33
 1,2-Dichloroethane-d4
 Concen: 49.582 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054500.D
 Acq: 21 Mar 2019 8:57

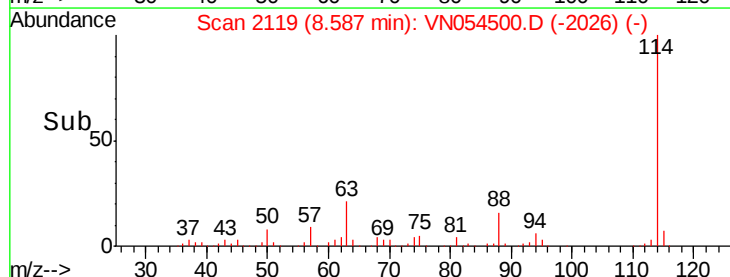
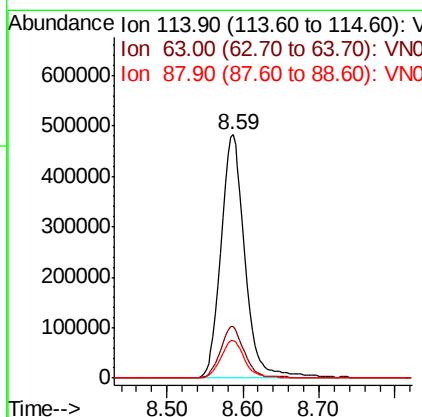
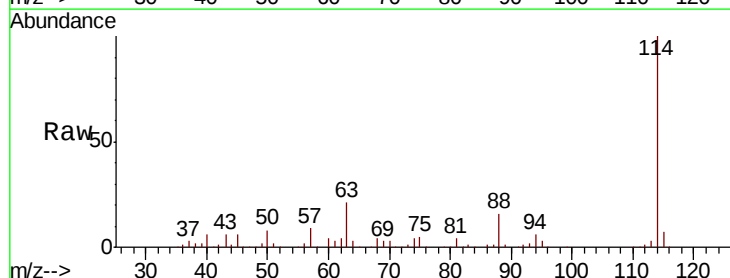
Instrument :
 MSVOA_N
 ClientSampleId :
 20190125-LOC-2

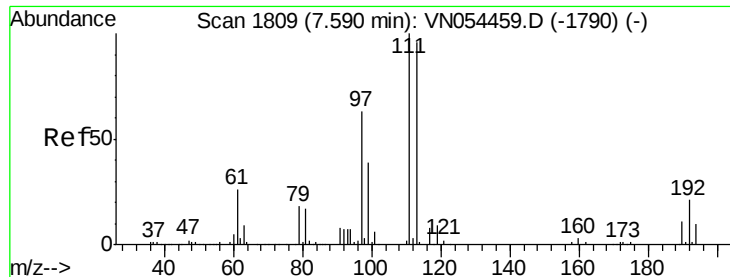
Tot Ion: 65 Resp: 414000
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054500.D
 Acq: 21 Mar 2019 8:57

Tgt Ion: 114 Resp: 1061493
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 35.2
 88 15.6 0.0 30.2

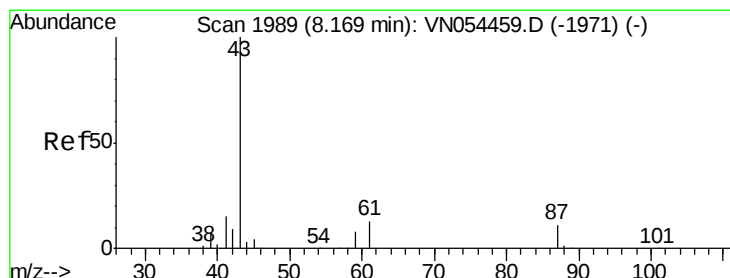
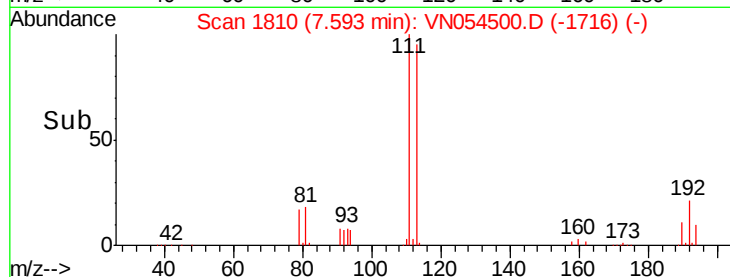
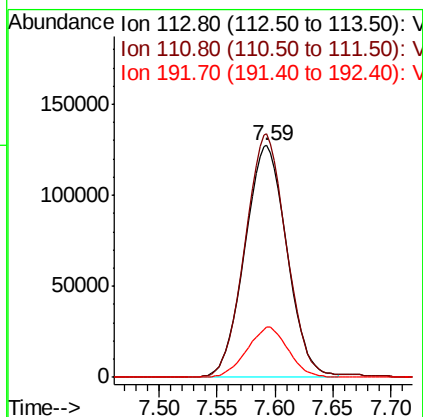
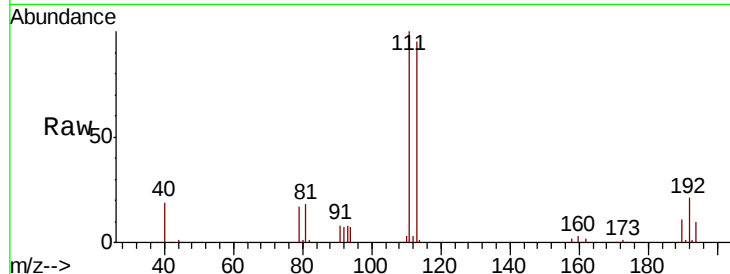




#35
 Dibromofluoromethane
 Concen: 47.129 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054500.D
 Acq: 21 Mar 2019 8:57

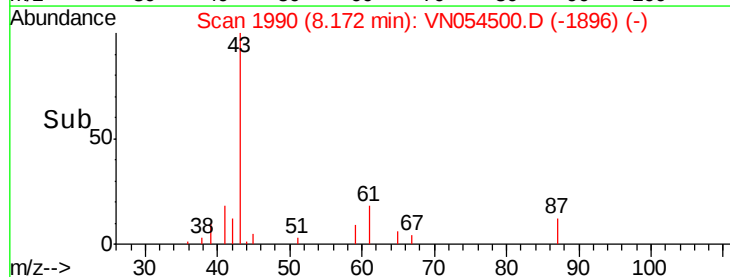
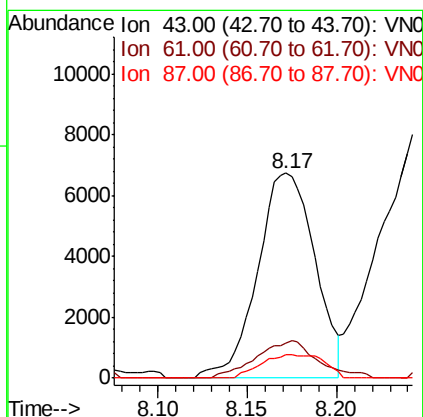
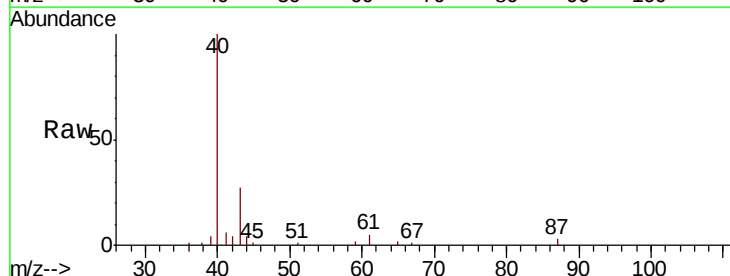
Instrument :
 MSVOA_N
 ClientSampleId :
 20190125-LOC-2

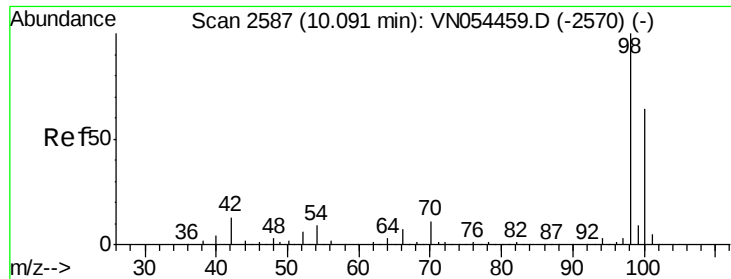
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	21.3	19.2	28.8



#43
 Isopropyl Acetate
 Concen: 1.268 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054500.D
 Acq: 21 Mar 2019 8:57

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.8	23.8
87	12.3	12.0	18.0





#50

Toluene-d8

Concen: 49.133 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054500.D

Acq: 21 Mar 2019 8:57

Instrument :

MSVOA_N

ClientSampleId :

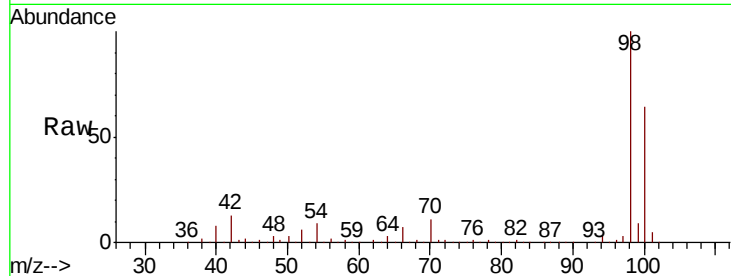
20190125-LOC-2

Tot Ion: 98 Resp: 1263175

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)

10.09

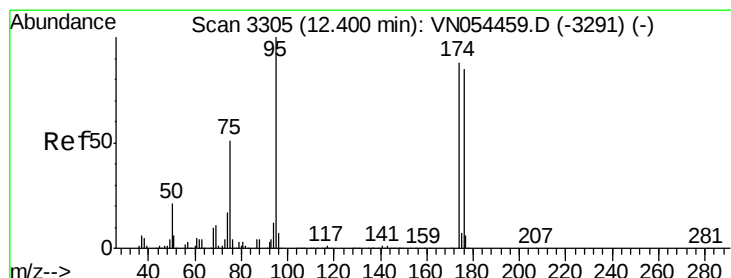
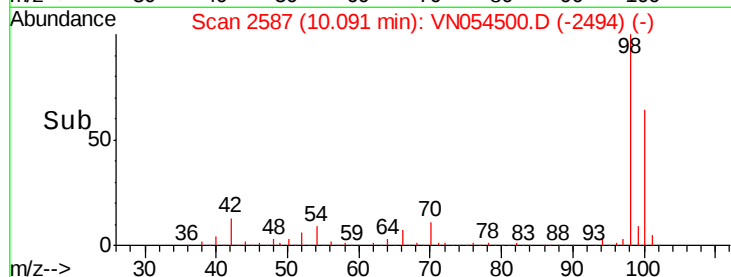
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.528 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054500.D

Acq: 21 Mar 2019 8:57

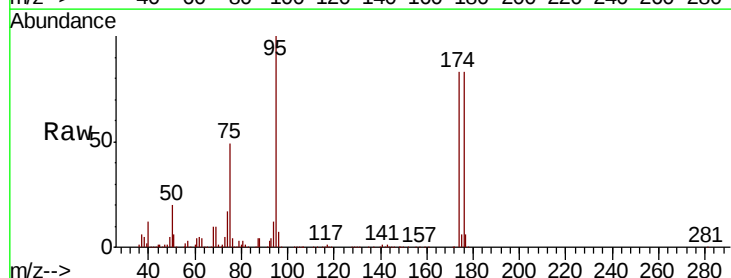
Tgt Ion: 95 Resp: 389549

Ion Ratio Lower Upper

95 100

174 84.5 0.0 191.0

176 83.2 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

300000

250000

200000

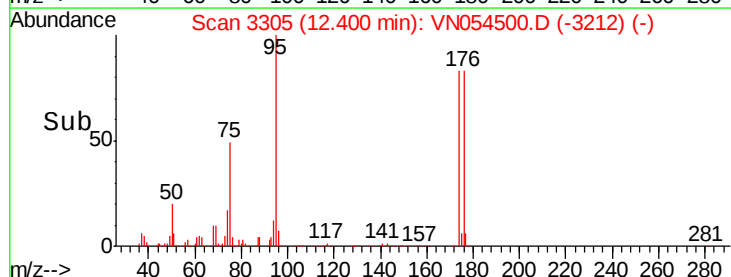
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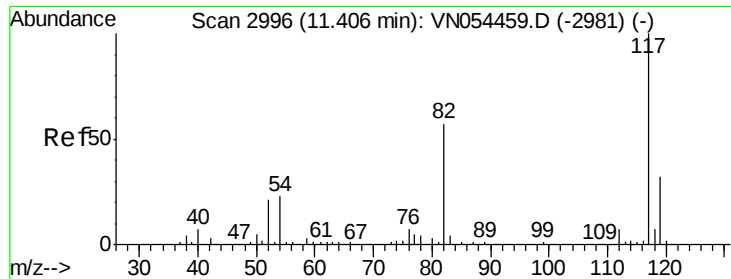
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Time-->

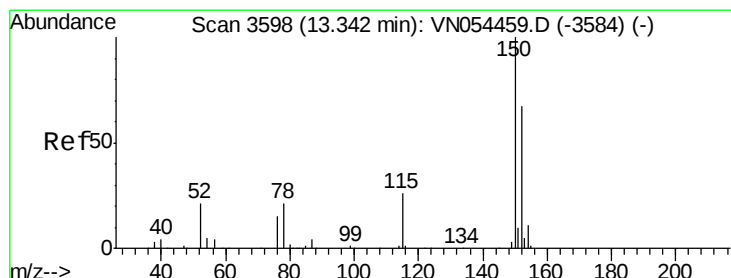
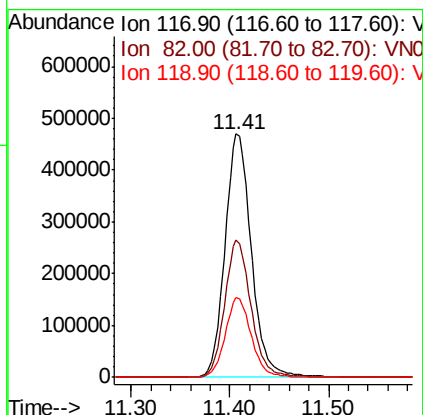
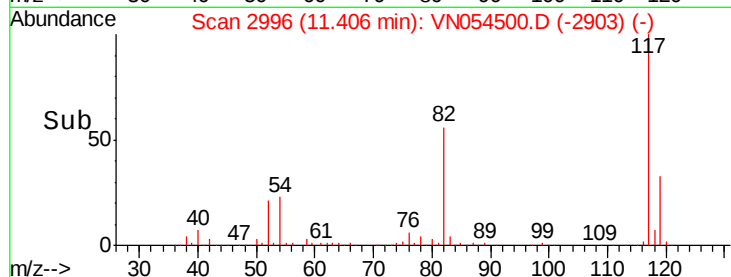
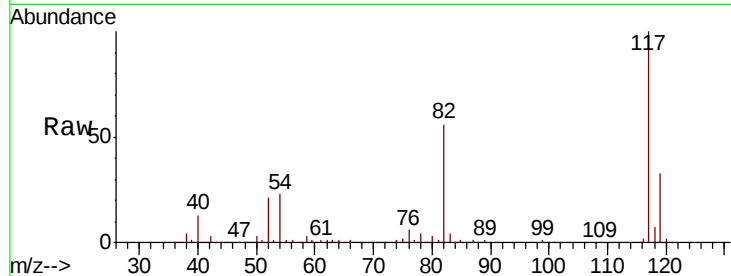




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054500.D
Acq: 21 Mar 2019 8:57

Instrument :
MSVOA_N
ClientSampleId :
20190125-LOC-2

Tot Ion:117 Resp: 883845
Ion Ratio Lower Upper
117 100
82 56.4 40.0 60.0
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054500.D
Acq: 21 Mar 2019 8:57

Tgt Ion:152 Resp: 327213
Ion Ratio Lower Upper
152 100
115 57.2 27.2 81.6
150 158.0 0.0 349.2

