

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054502.D
 Acq On : 21 Mar 2019 9:52
 Operator : JC/SP
 Sample : K1943-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190126-LOC-3

Quant Time: Mar 22 07:27:48 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

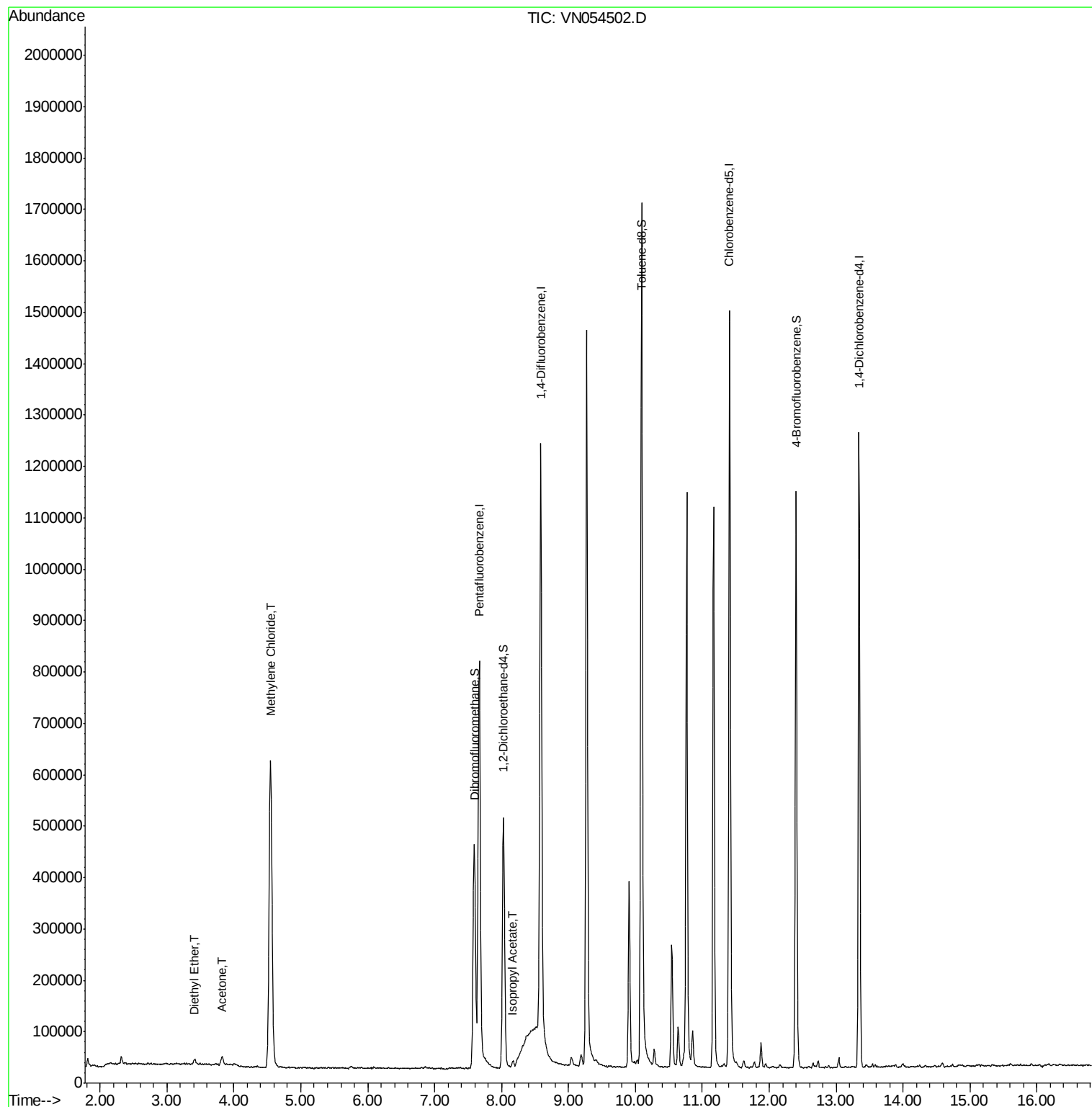
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	688426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1082330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	892160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	325396	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	424997	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
35) Dibromofluoromethane	7.59	113	339685	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
50) Toluene-d8	10.09	98	1279254	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.40	95	390869	43.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.64%	
Target Compounds						
8) Diethyl Ether	3.41	74	4671	1.112	ug/l	83
16) Acetone	3.82	43	23930	9.295	ug/l #	86
20) Methylene Chloride	4.55	84	431164	56.815	ug/l #	84
43) Isopropyl Acetate	8.17	43	17206	1.415	ug/l #	95

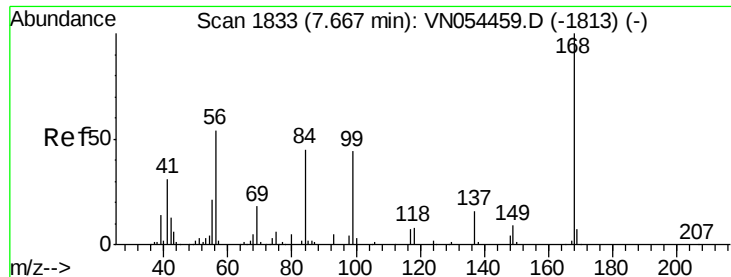
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032019\
Data File : VN054502.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 14:42:09 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: VN054502.D

Acq: 21 Mar 2019 9:52

Instrument :

MSVOA_N

ClientSampleId :

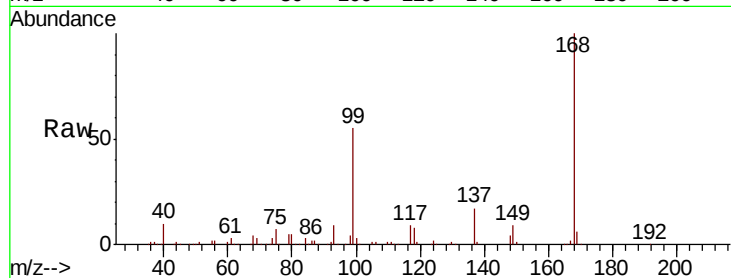
20190126-LOC-3

Tot Ion:168 Resp: 688426

Ion Ratio Lower Upper

168 100

99 54.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054459.D

Ion 98.90 (98.60 to 99.60): VN054459.D

7.67

300000

250000

200000

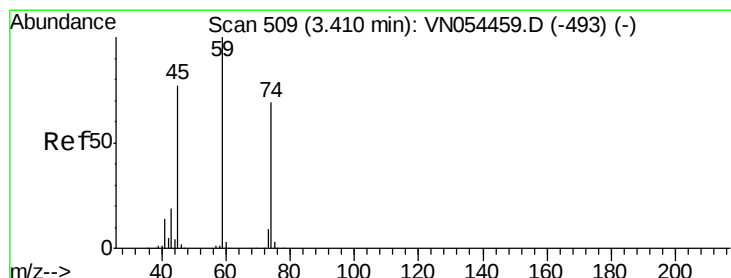
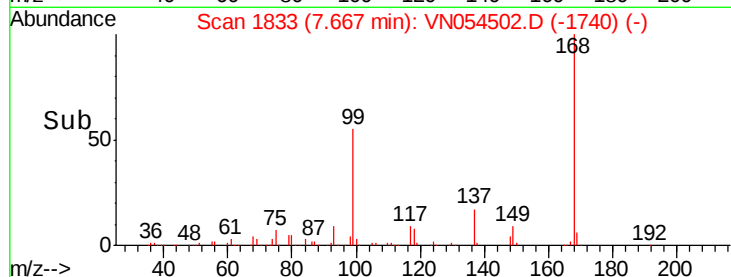
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.112 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN054502.D

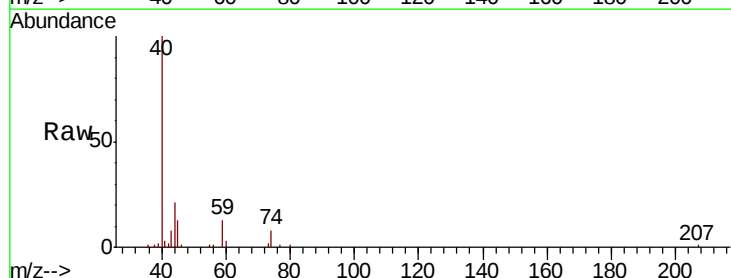
Acq: 21 Mar 2019 9:52

Tgt Ion: 74 Resp: 4671

Ion Ratio Lower Upper

74 100

45 102.1 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VN054459.D

Ion 45.00 (44.70 to 45.70): VN054459.D

4000

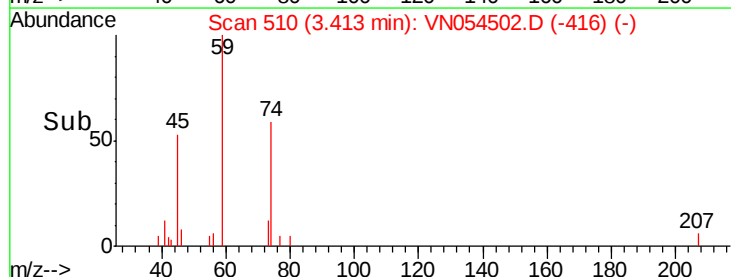
3000

2000

1000

0

Time-->

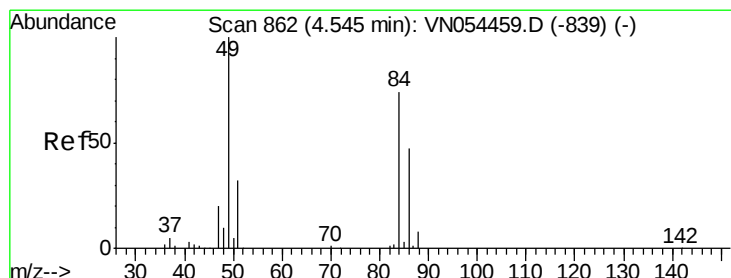
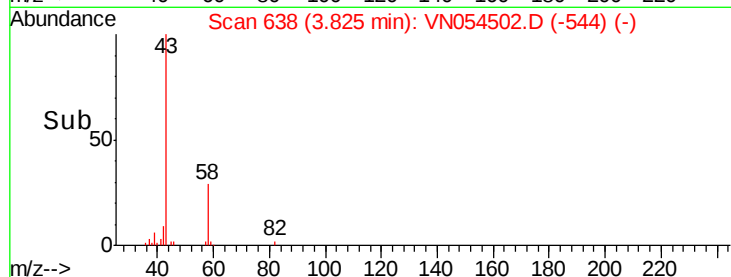
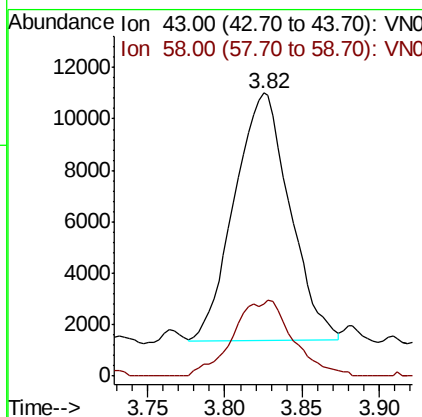
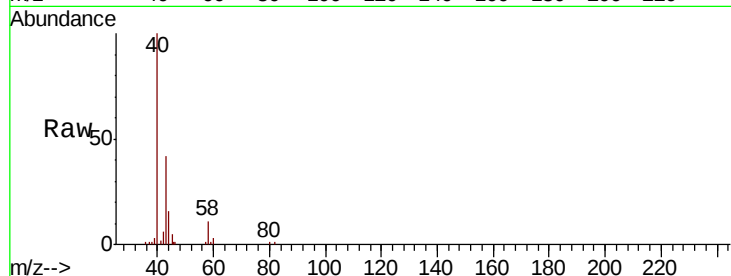




#16
Acetone
Concen: 9.295 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.00 min
Lab File: VN054502.D
Acq: 21 Mar 2019 9:52

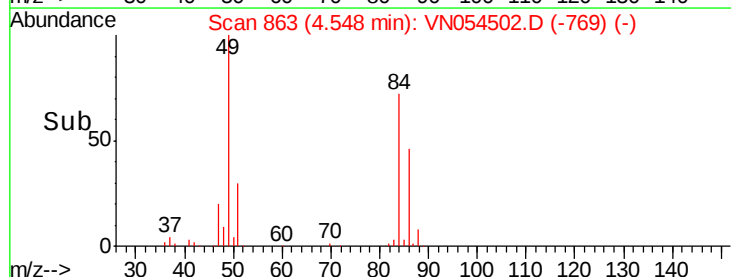
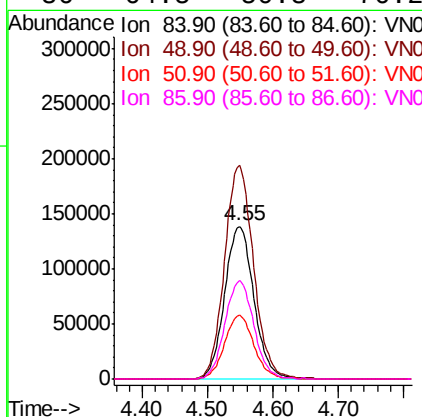
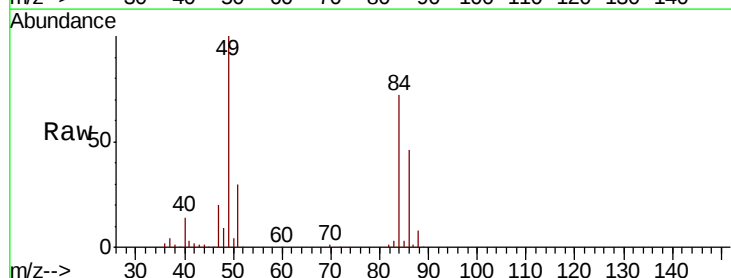
Instrument :
MSVOA_N
ClientSampleId :
20190126-LOC-3

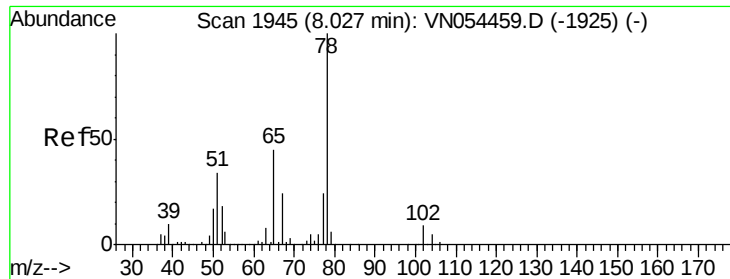
Tot Ion: 43 Resp: 23930
Ion Ratio Lower Upper
43 100
58 29.3 29.9 44.9#



#20
Methylene Chloride
Concen: 56.815 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054502.D
Acq: 21 Mar 2019 9:52

Tgt Ion: 84 Resp: 431164
Ion Ratio Lower Upper
84 100
49 139.8 89.7 134.5#
51 41.9 28.2 42.4
86 64.5 50.8 76.2





#33

1,2-Dichloroethane-d4

Concen: 49.632 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054502.D

Acq: 21 Mar 2019 9:52

Instrument :

MSVOA_N

ClientSampleId :

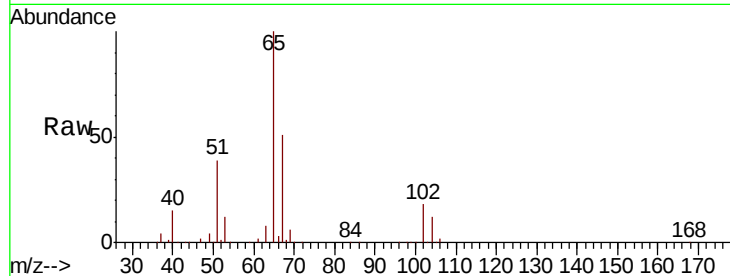
20190126-LOC-3

Tot Ion: 65 Resp: 424997

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054459.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN054459.D (-1925) (-)

8.03

200000

150000

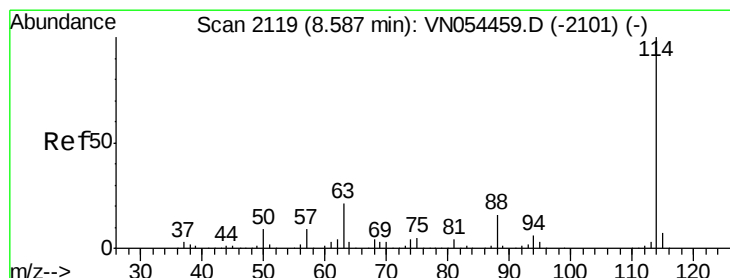
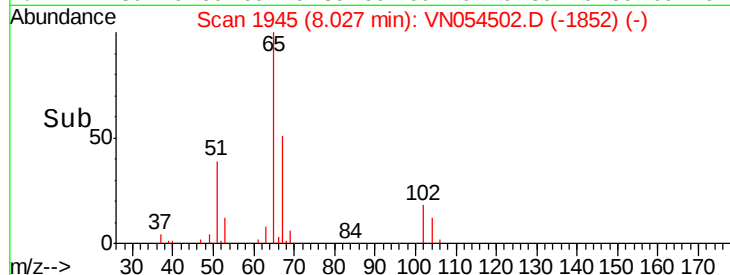
100000

50000

0

7.90 8.00 8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054502.D

Acq: 21 Mar 2019 9:52

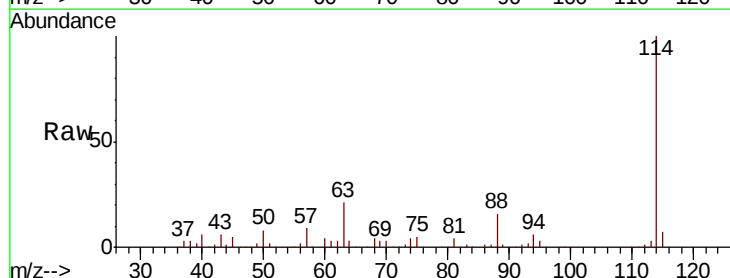
Tgt Ion: 114 Resp: 1082330

Ion Ratio Lower Upper

114 100

63 21.1 0.0 35.2

88 16.0 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN054459.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN054459.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN054459.D (-2101) (-)

8.59

600000

500000

400000

300000

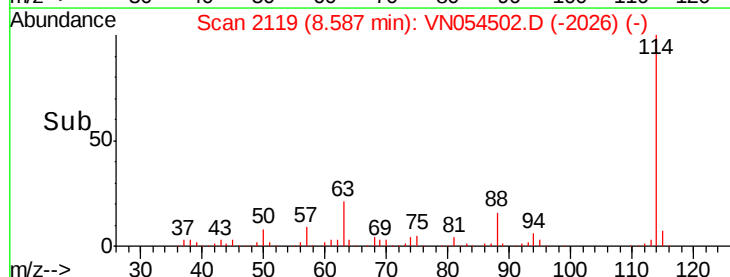
200000

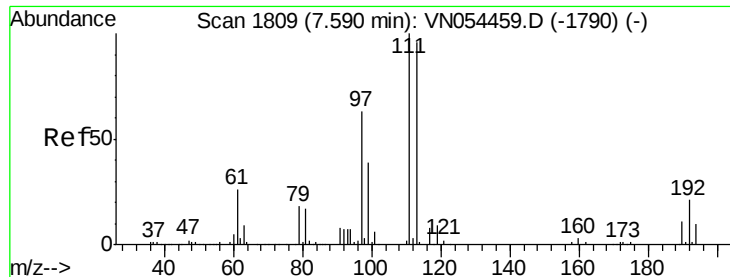
100000

0

8.50 8.60 8.70 8.80

Time-->

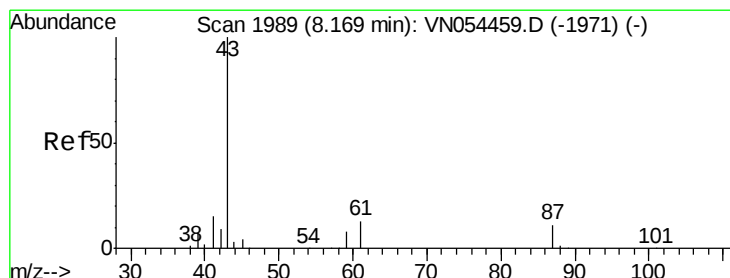
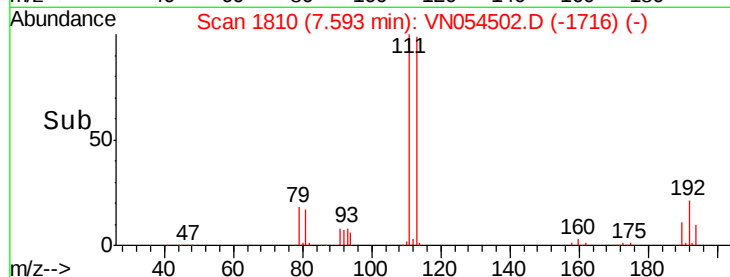
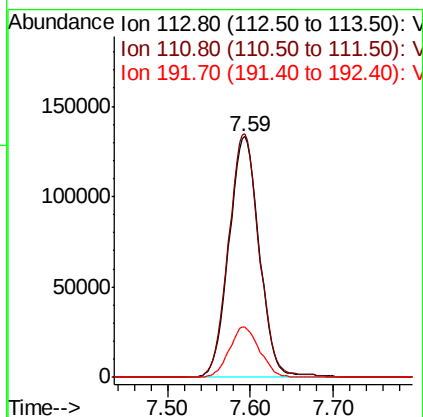
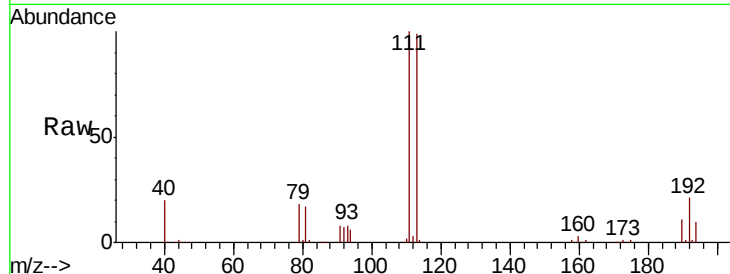




#35
 Dibromofluoromethane
 Concen: 48.715 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054502.D
 Acq: 21 Mar 2019 9:52

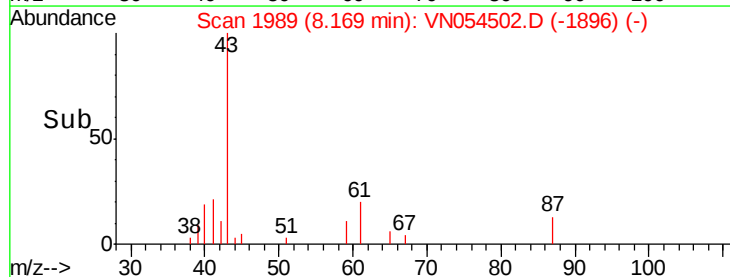
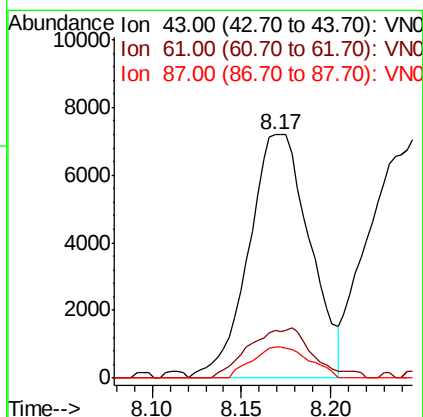
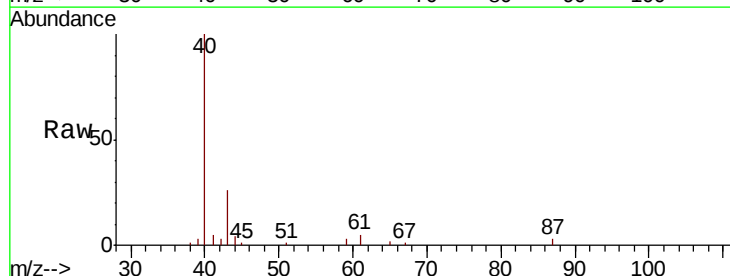
Instrument :
 MSVOA_N
 ClientSampleId :
 20190126-LOC-3

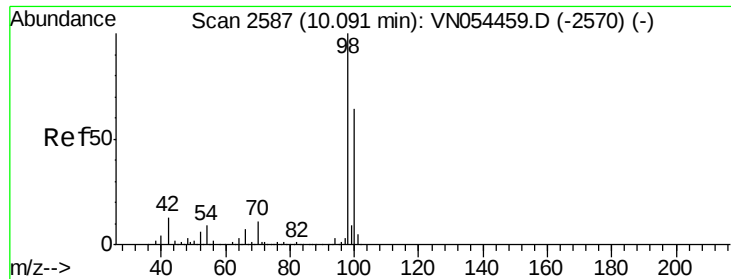
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	20.9	19.2	28.8



#43
 Isopropyl Acetate
 Concen: 1.415 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN054502.D
 Acq: 21 Mar 2019 9:52

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.4	15.8	23.8
87	11.9	12.0	18.0#





#50

Toluene-d8

Concen: 48.801 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054502.D

Acq: 21 Mar 2019 9:52

Instrument :

MSVOA_N

ClientSampleId :

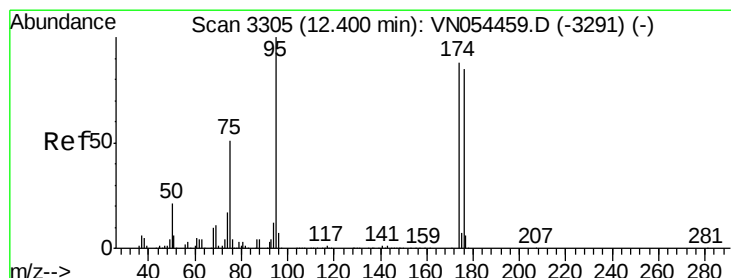
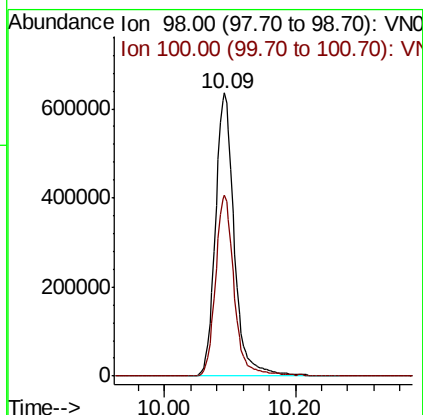
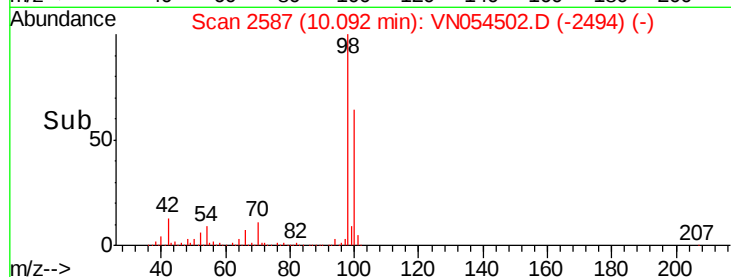
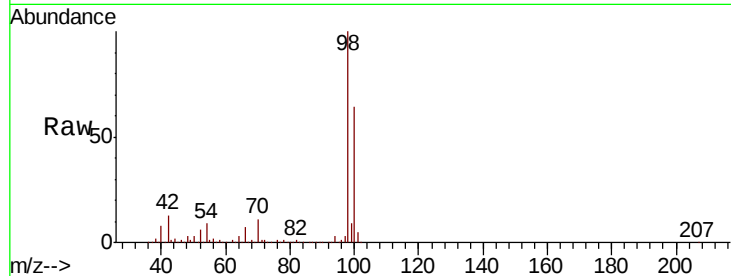
20190126-LOC-3

Tot Ion: 98 Resp: 1279254

Ion Ratio Lower Upper

98 100

100 63.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 43.819 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054502.D

Acq: 21 Mar 2019 9:52

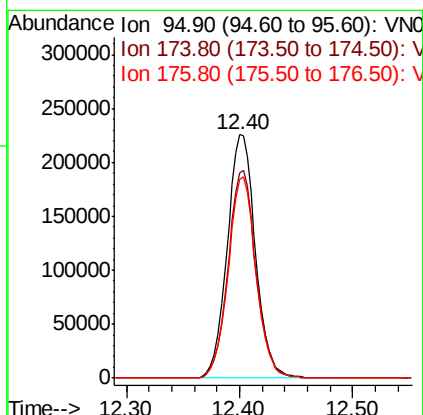
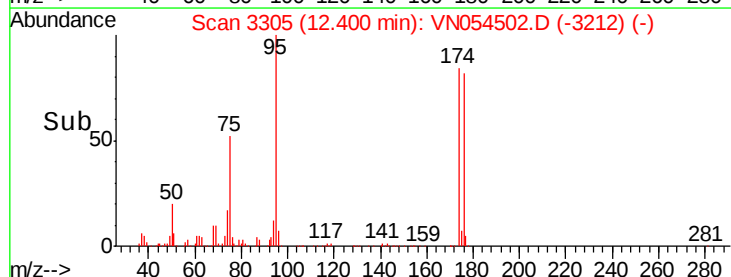
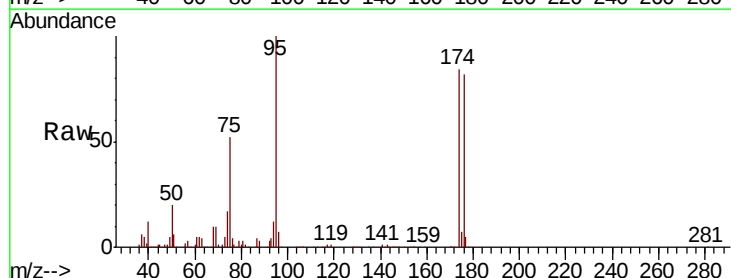
Tgt Ion: 95 Resp: 390869

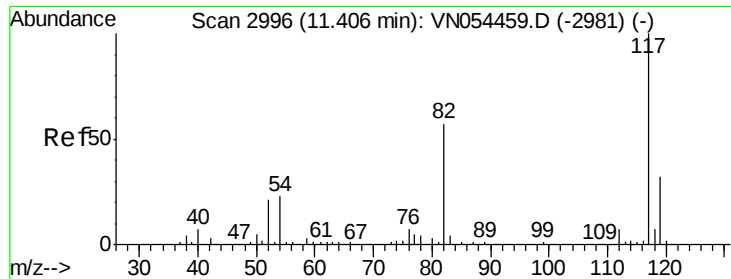
Ion Ratio Lower Upper

95 100

174 84.6 0.0 191.0

176 81.2 0.0 187.4

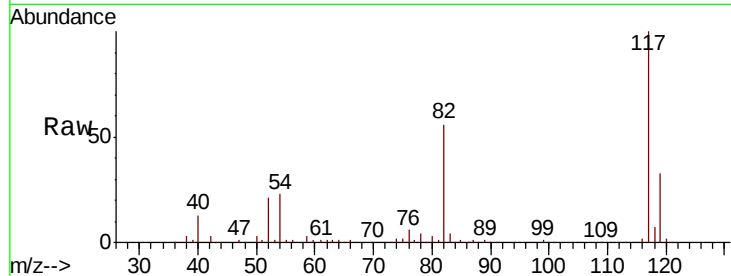




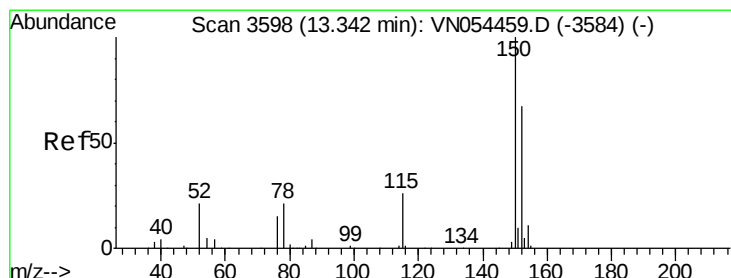
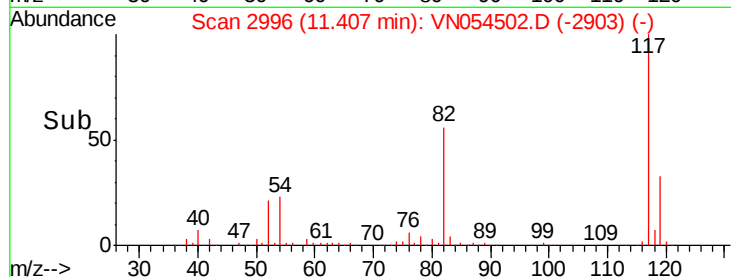
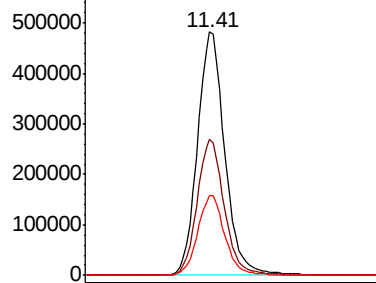
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054502.D
Acq: 21 Mar 2019 9:52

Instrument :
MSVOA_N
ClientSampleId :
20190126-LOC-3

Tot Ion:117 Resp: 892160
Ion Ratio Lower Upper
117 100
82 55.8 40.0 60.0
119 32.7 25.8 38.6

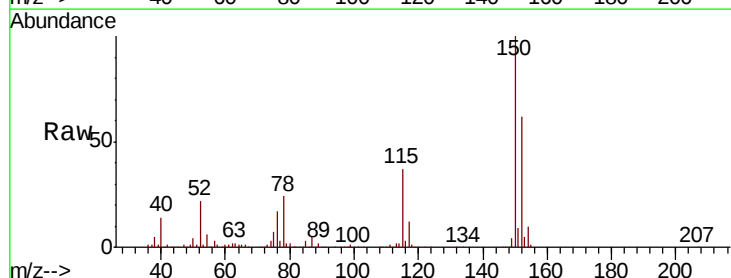


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054502.D
Acq: 21 Mar 2019 9:52

Tgt Ion:152 Resp: 325396
Ion Ratio Lower Upper
152 100
115 58.4 27.2 81.6
150 157.7 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

