

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054375.D
 Acq On : 17 Mar 2019 9:39
 Operator : JC/SP
 Sample : K1691-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-031519-D

Quant Time: Mar 18 08:48:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

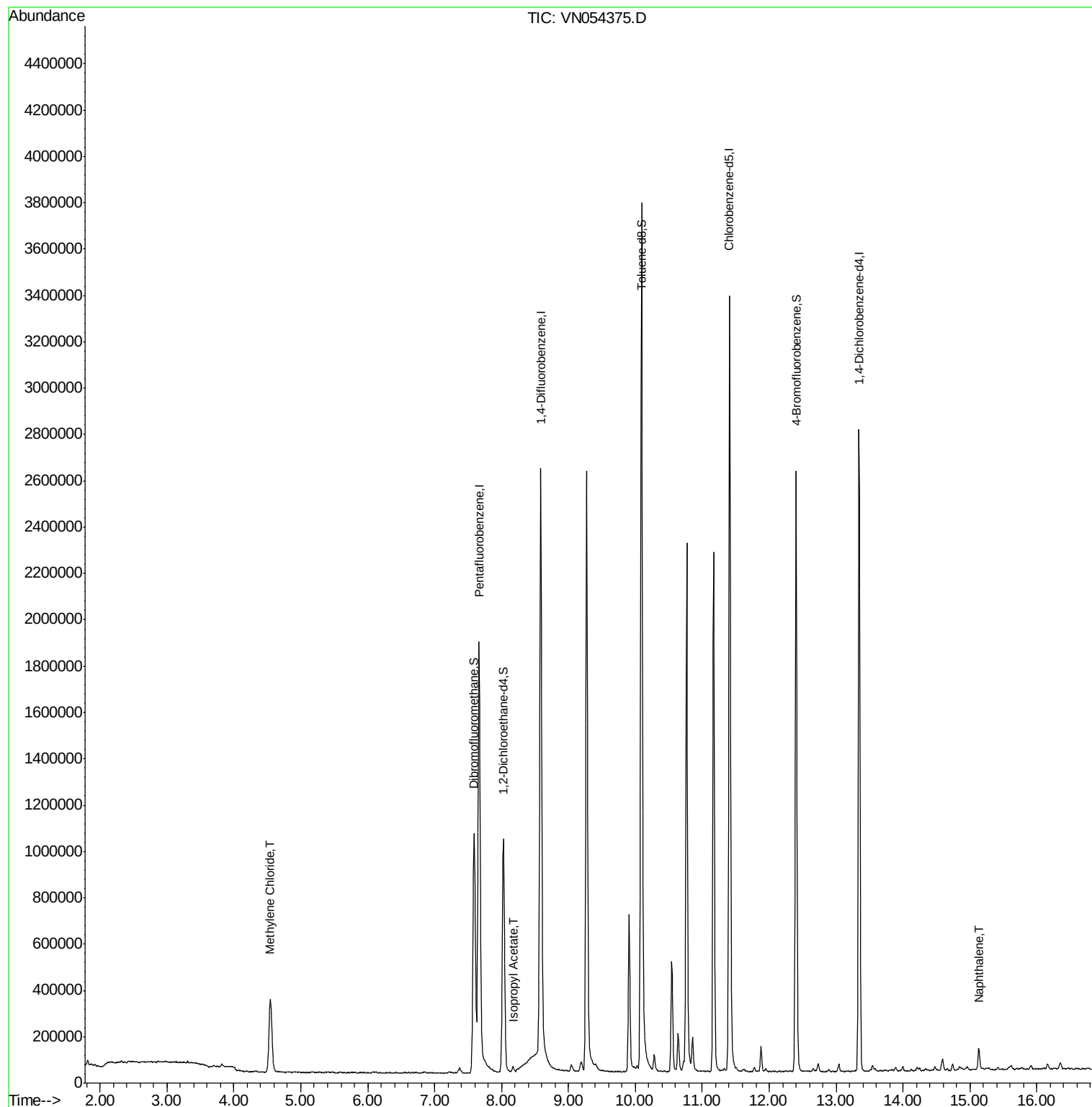
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1783289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2616092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2209609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	814234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	896836	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
35) Dibromofluoromethane	7.59	113	800509	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
50) Toluene-d8	10.09	98	3025183	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.40	95	896810	41.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.26%	
Target Compounds						
20) Methylene Chloride	4.55	84	255820	14.368	ug/l	98
43) Isopropyl Acetate	8.17	43	26646	1.097	ug/l	96
95) Naphthalene	15.13	128	88944	5.787	ug/l	99

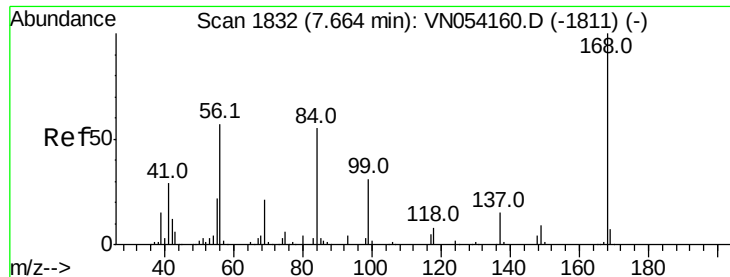
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031619\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 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: VN054375.D

Acq: 17 Mar 2019 9:39

Instrument :

MSVOA_N

ClientSampleId :

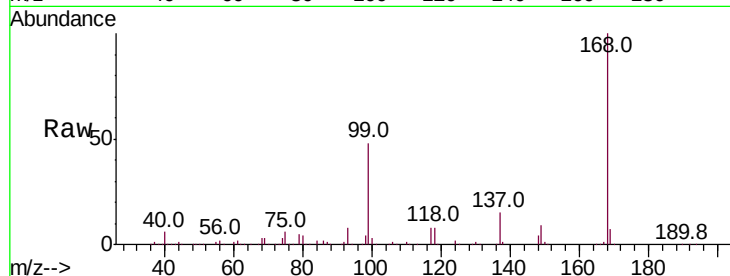
CL-01-031519-D

Tot Ion:168 Resp: 1783289

Ion Ratio Lower Upper

168 100

99 47.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054375.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN054375.D (-1739) (-)

7.67

800000

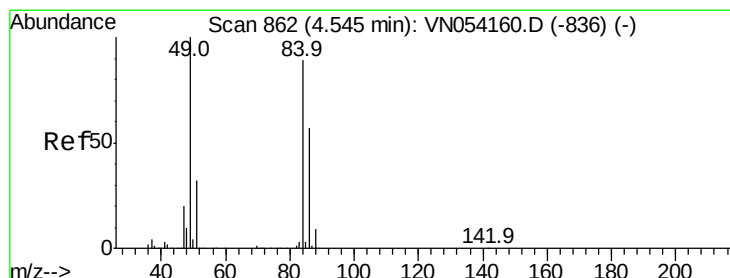
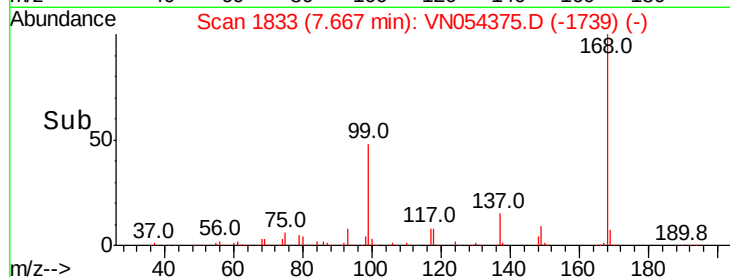
600000

400000

200000

0

Time-->



#20

Methylene Chloride

Concen: 14.368 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

Tgt Ion: 84 Resp: 255820

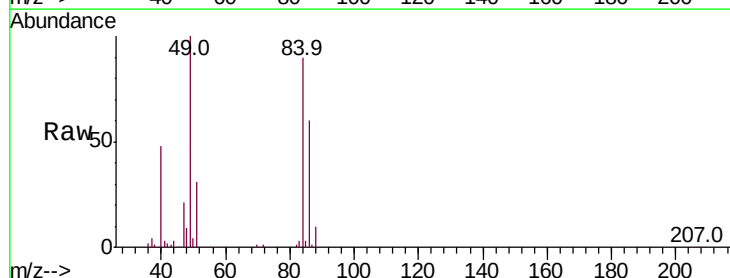
Ion Ratio Lower Upper

84 100

49 110.8 89.7 134.5

51 34.8 28.2 42.4

86 66.3 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN054375.D (-769) (-)

Ion 48.90 (48.60 to 49.60): VN054375.D (-769) (-)

Ion 50.90 (50.60 to 51.60): VN054375.D (-769) (-)

Ion 85.90 (85.60 to 86.60): VN054375.D (-769) (-)

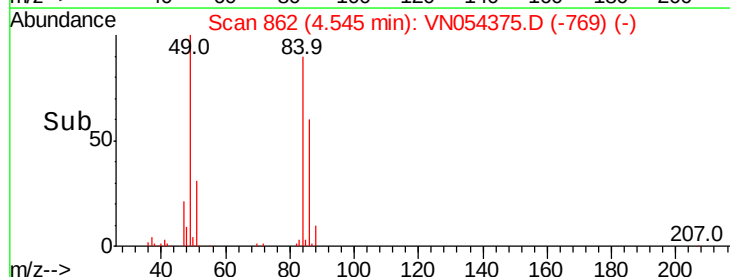
4.55

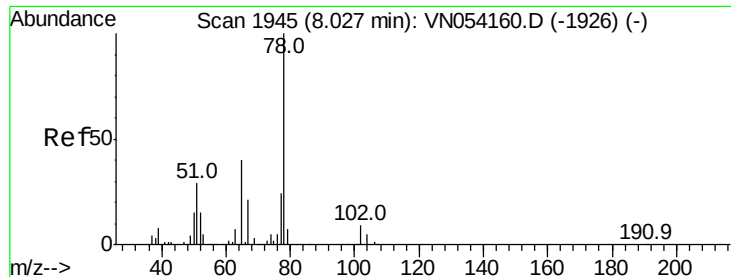
100000

50000

0

Time-->

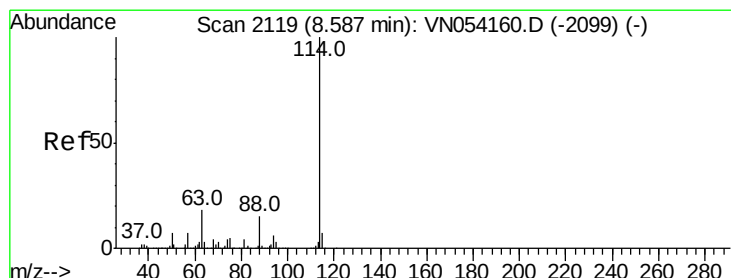
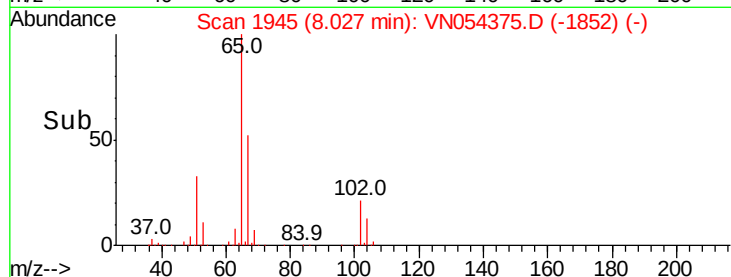
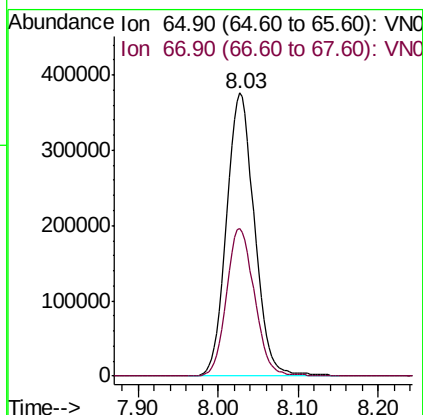
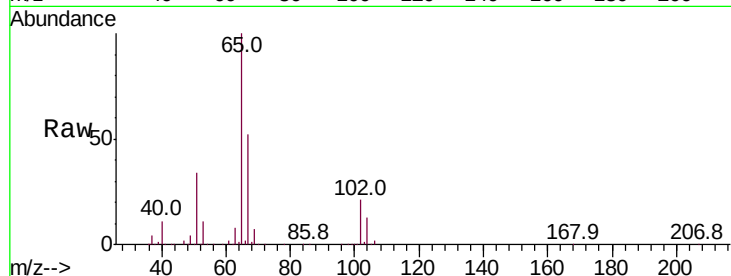




#33
 1,2-Dichloroethane-d4
 Concen: 47.355 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054375.D
 Acq: 17 Mar 2019 9:39

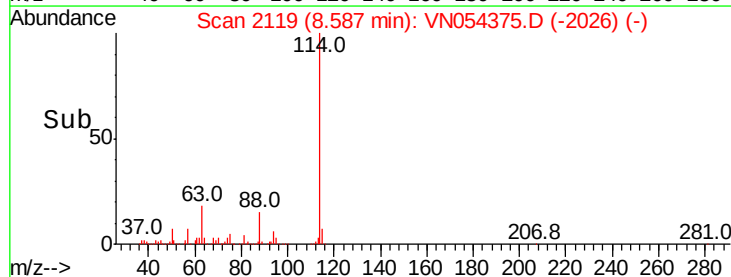
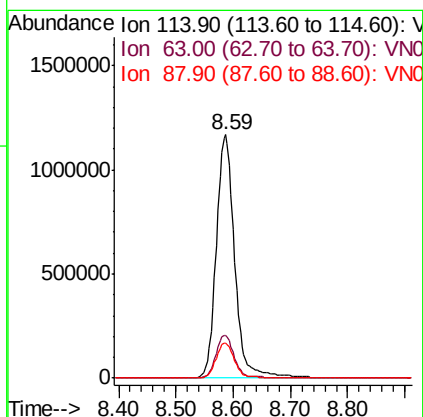
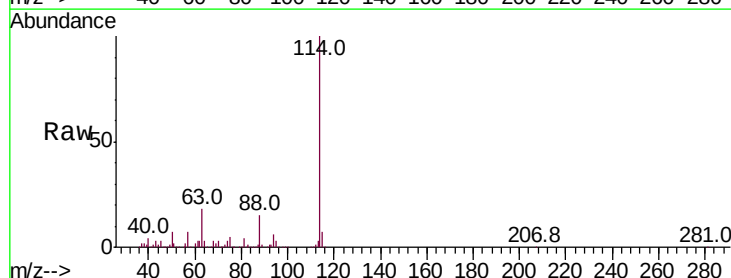
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-031519-D

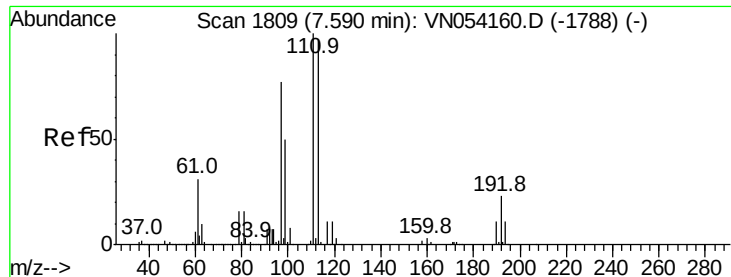
Tot Ion: 65 Resp: 896836
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054375.D
 Acq: 17 Mar 2019 9:39

Tgt Ion: 114 Resp: 2616092
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 14.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.444 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-D

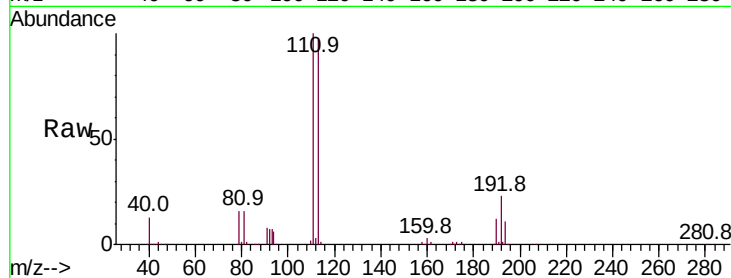
Tot Ion:113 Resp: 800509

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

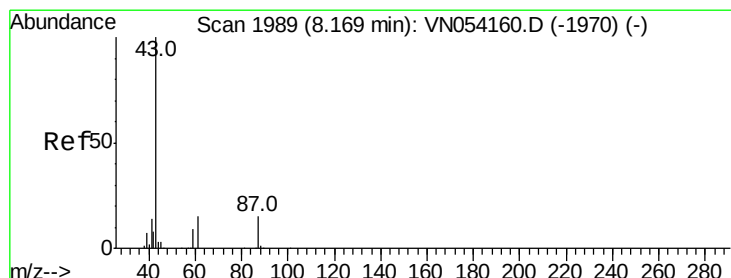
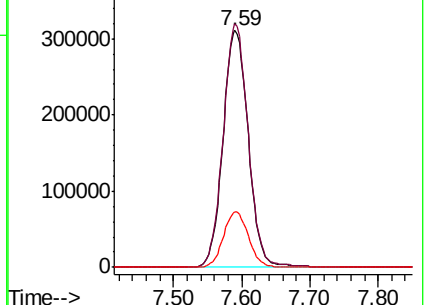
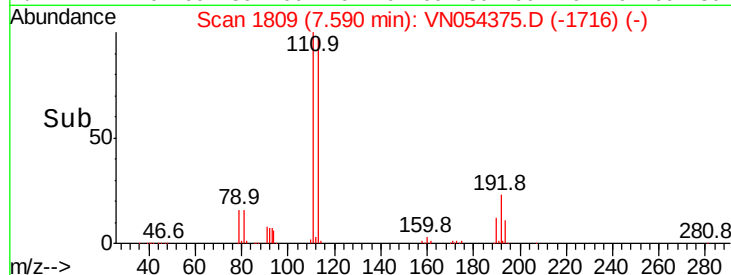
192 23.3 19.2 28.8



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: 1.097 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

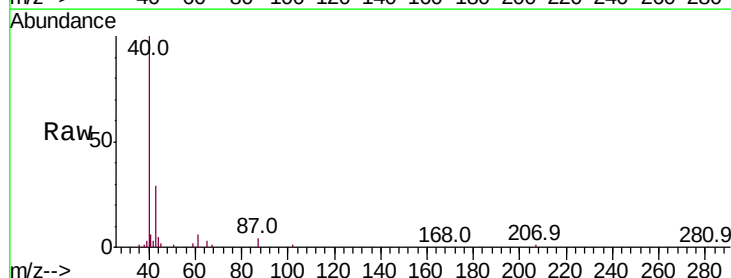
Tgt Ion: 43 Resp: 26646

Ion Ratio Lower Upper

43 100

61 23.4 15.8 23.8

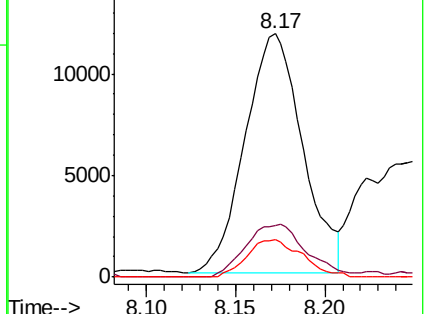
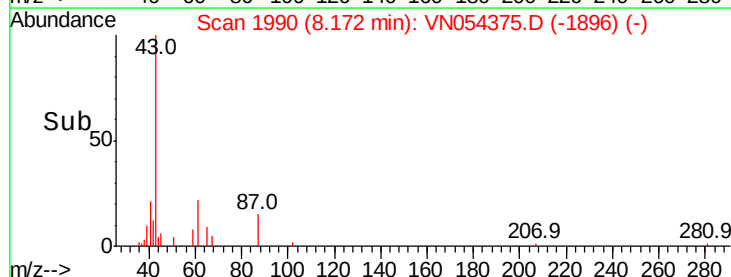
87 15.0 12.0 18.0

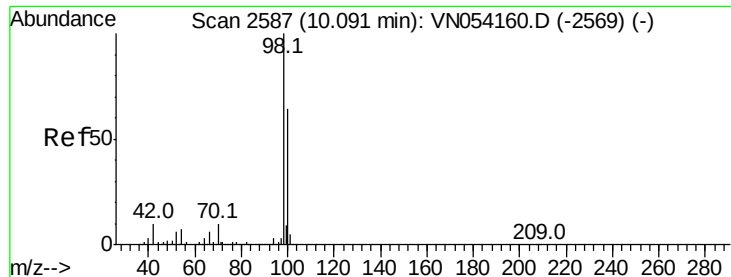


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.548 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

Instrument :

MSVOA_N

ClientSampleId :

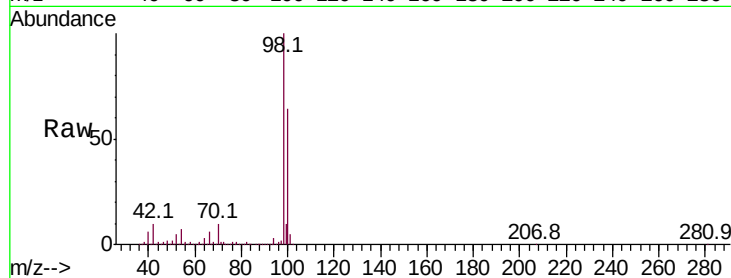
CL-01-031519-D

Tot Ion: 98 Resp: 3025183

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1500000

1000000

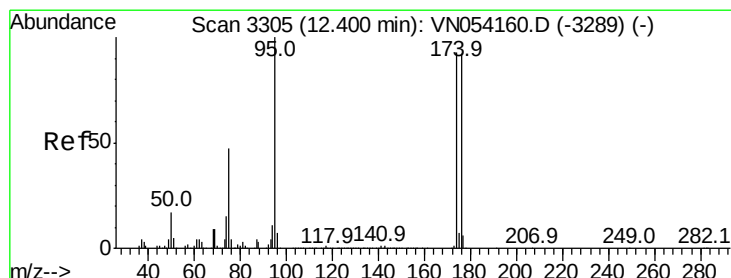
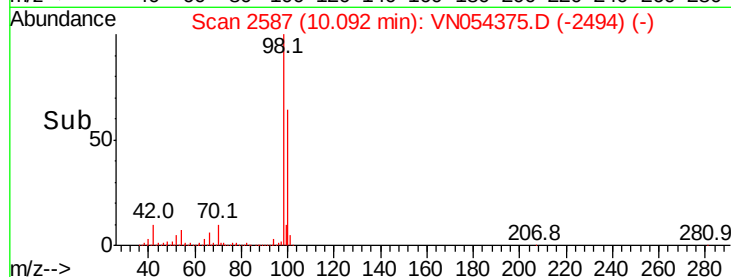
500000

0

10.09

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 41.131 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

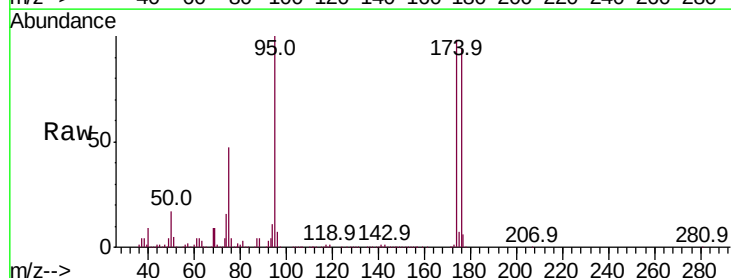
Tgt Ion: 95 Resp: 896810

Ion Ratio Lower Upper

95 100

174 96.5 0.0 191.0

176 93.8 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

600000

400000

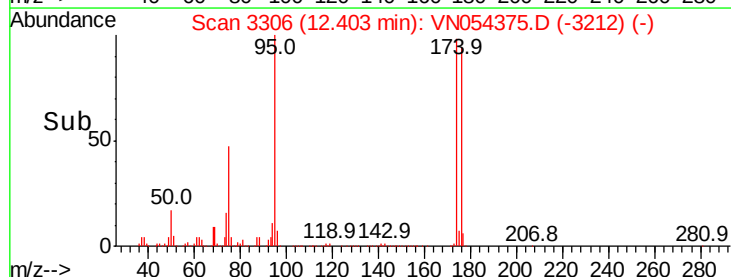
200000

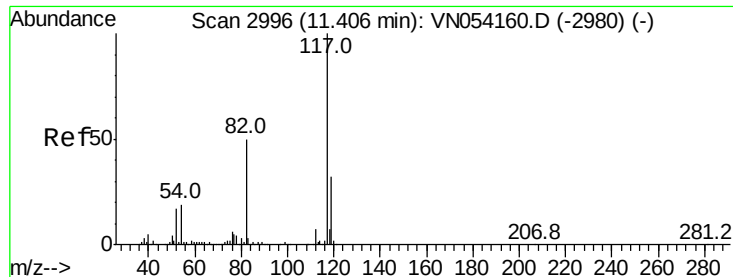
0

12.40

12.50

Time-->

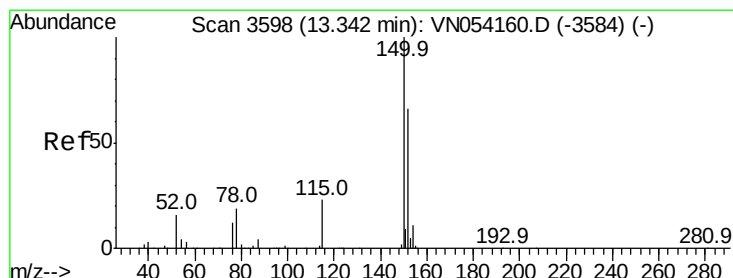
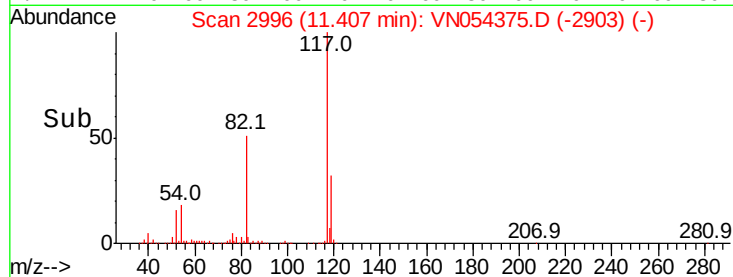
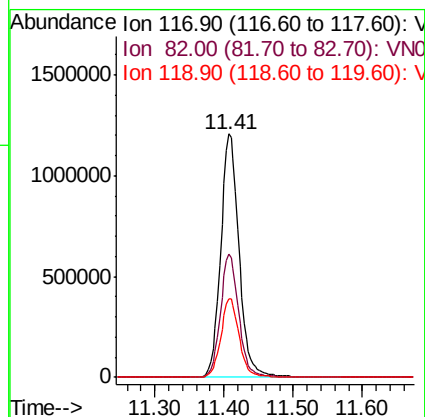
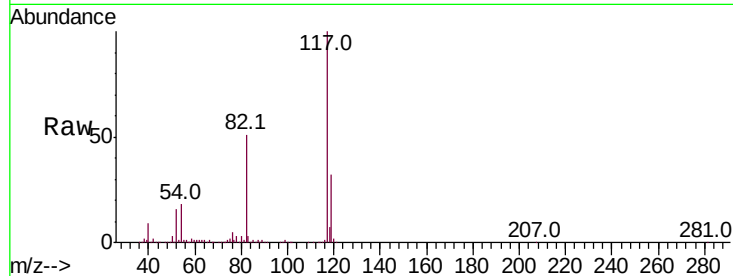




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054375.D
Acq: 17 Mar 2019 9:39

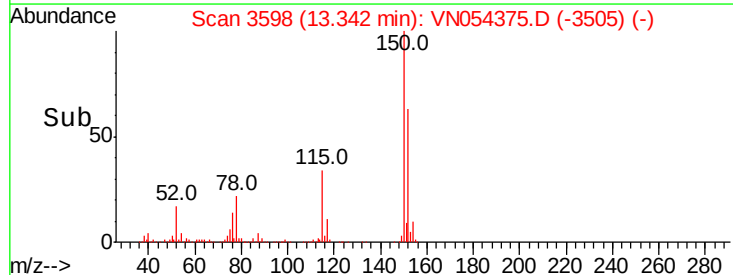
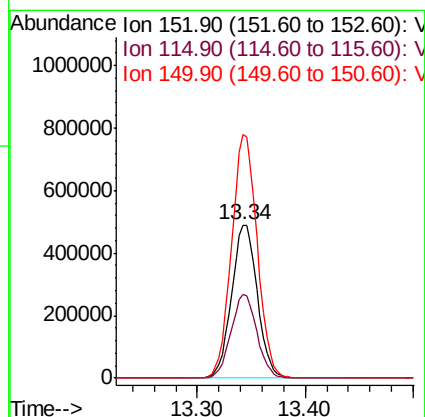
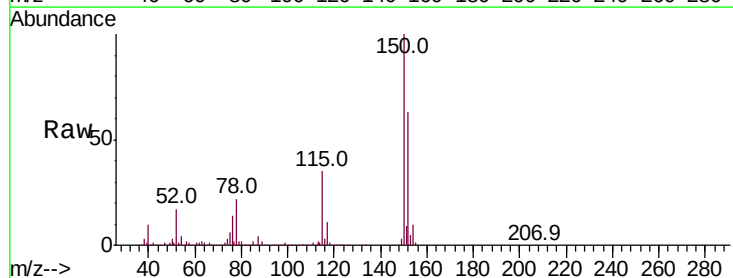
Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-D

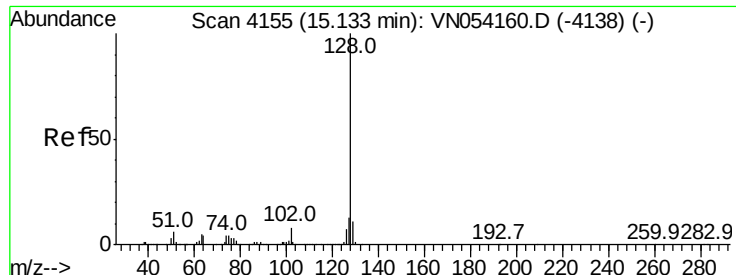
Tot Ion:117 Resp: 2209609
Ion Ratio Lower Upper
117 100
82 50.5 40.0 60.0
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054375.D
Acq: 17 Mar 2019 9:39

Tgt Ion:152 Resp: 814234
Ion Ratio Lower Upper
152 100
115 55.3 27.2 81.6
150 158.2 0.0 349.2





#95

Naphthalene

Concen: 5.787 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054375.D

Acq: 17 Mar 2019 9:39

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-D

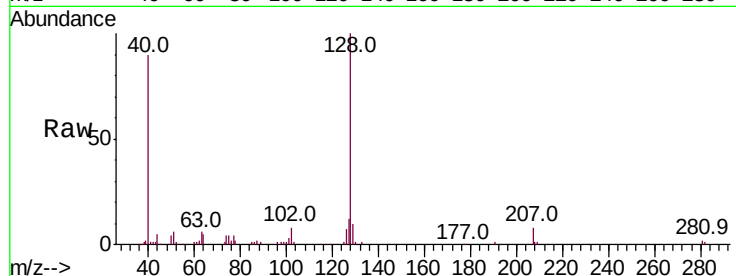
Tot Ion:128 Resp: 88944

Ion Ratio Lower Upper

128 100

127 12.1 10.1 15.1

129 10.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

