

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056617.D
 Acq On : 8 Jul 2019 18:14
 Operator : JC/SP
 Sample : K3622-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-070319-B

Quant Time: Jul 09 04:46:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	292548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	515212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	543214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	219109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	172488	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
35) Dibromofluoromethane	7.59	113	152406	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	10.09	98	649008	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.40	95	242770	58.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.46%	
Target Compounds						
16) Acetone	3.82	43	16270	10.016	ug/l	99
18) Methyl Acetate	4.34	43	7076	1.380	ug/l #	89
20) Methylene Chloride	4.55	84	52782	16.642	ug/l	98
43) Isopropyl Acetate	8.17	43	19597	2.852	ug/l #	88
95) Naphthalene	15.13	128	8194	5.976	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056617.D

Acq: 8 Jul 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

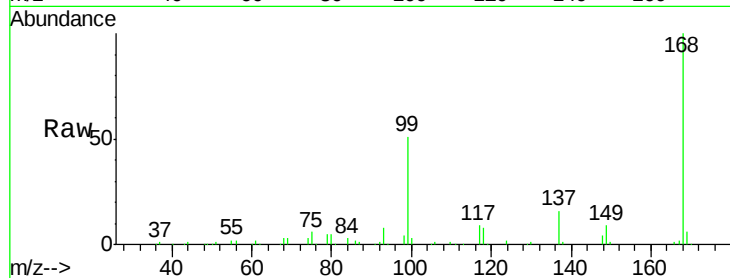
OR-02-070319-B

Tot Ion:168 Resp: 292548

Ion Ratio Lower Upper

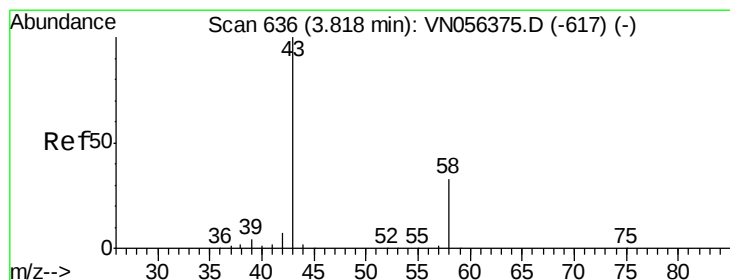
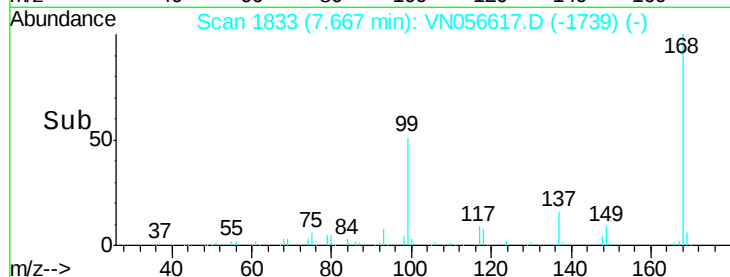
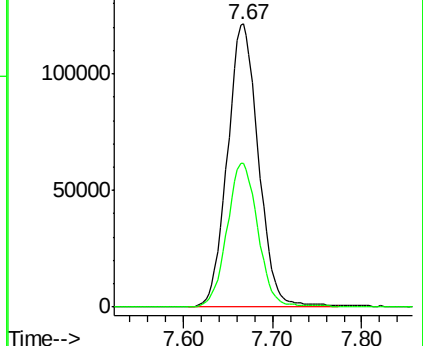
168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 10.016 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056617.D

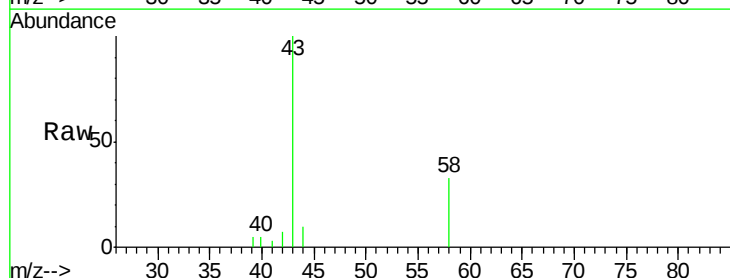
Acq: 8 Jul 2019 18:14

Tgt Ion: 43 Resp: 16270

Ion Ratio Lower Upper

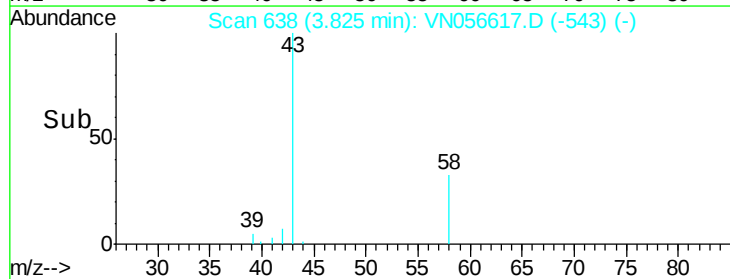
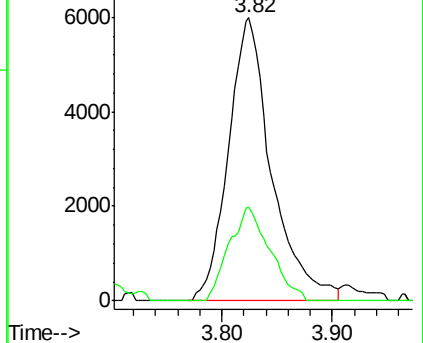
43 100

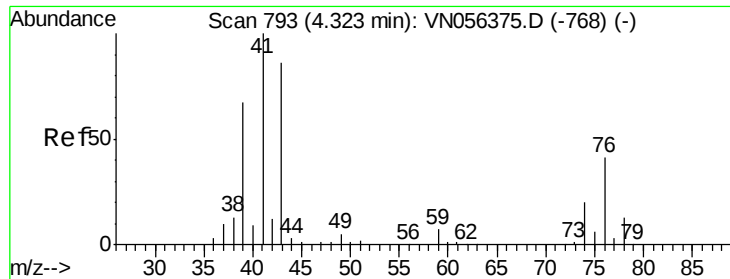
58 33.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

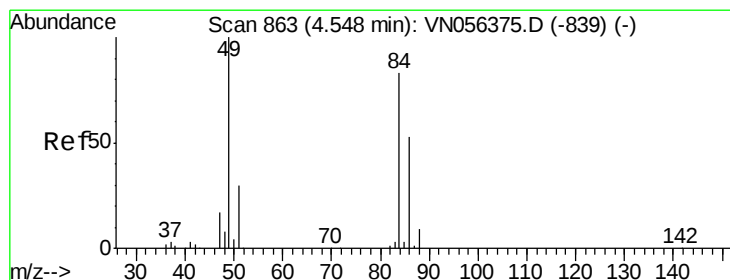
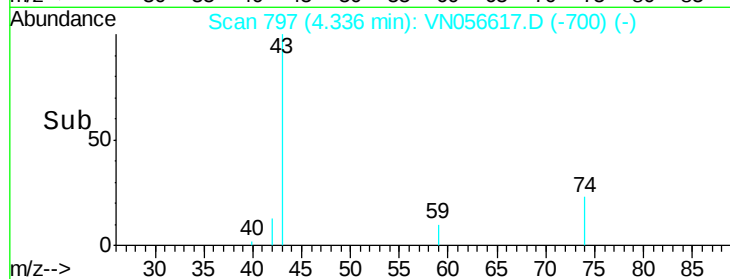
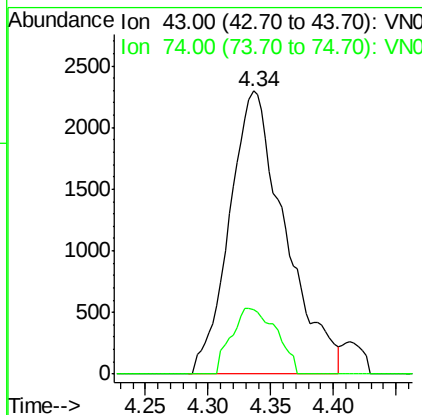
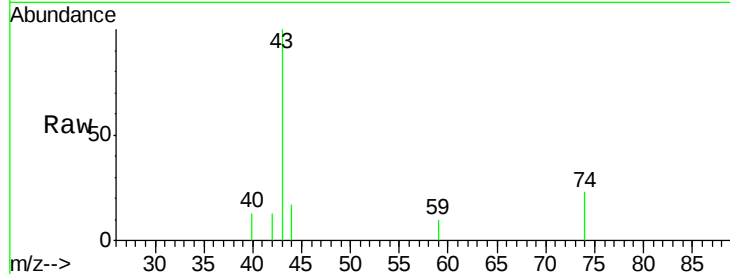




#18
Methyl Acetate
Concen: 1.380 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056617.D
Acq: 8 Jul 2019 18:14

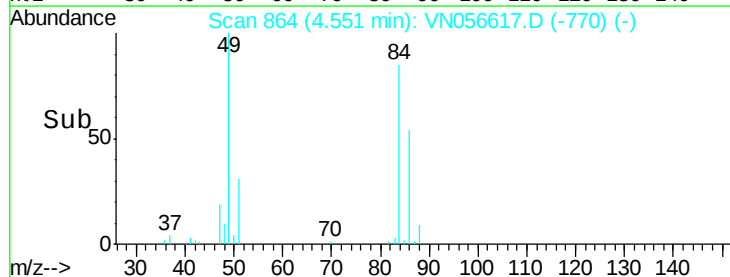
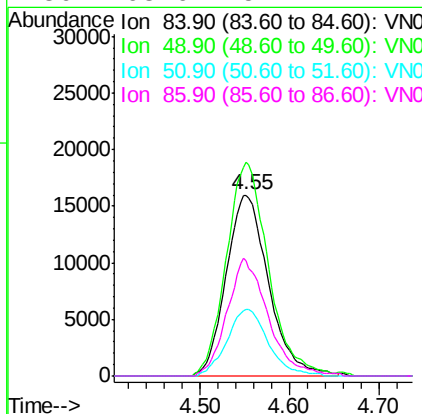
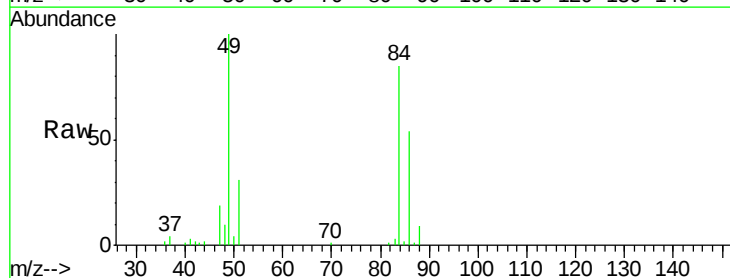
Instrument :
MSVOA_N
ClientSampleId :
OR-02-070319-B

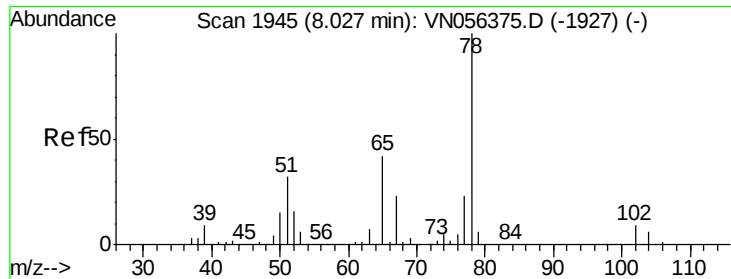
Tot Ion: 43 Resp: 7076
Ion Ratio Lower Upper
43 100
74 18.6 19.2 28.8#



#20
Methylene Chloride
Concen: 16.642 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056617.D
Acq: 8 Jul 2019 18:14

Tgt Ion: 84 Resp: 52782
Ion Ratio Lower Upper
84 100
49 118.3 96.4 144.6
51 37.0 28.6 43.0
86 63.6 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 53.199 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056617.D

Acq: 8 Jul 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

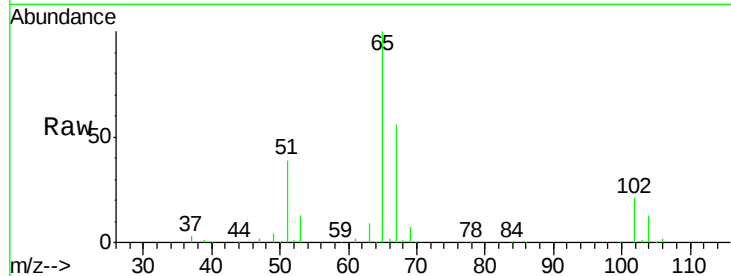
OR-02-070319-B

Tot Ion: 65 Resp: 172488

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056617.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN056617.D (-1852) (-)

8.03

80000

60000

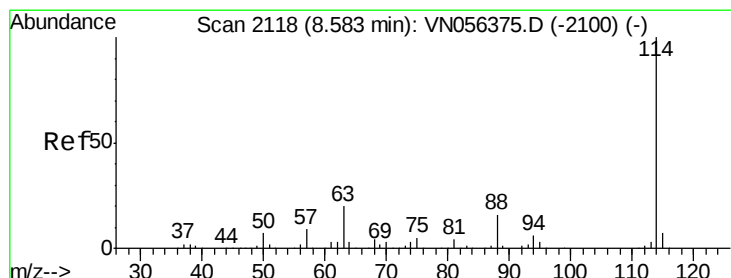
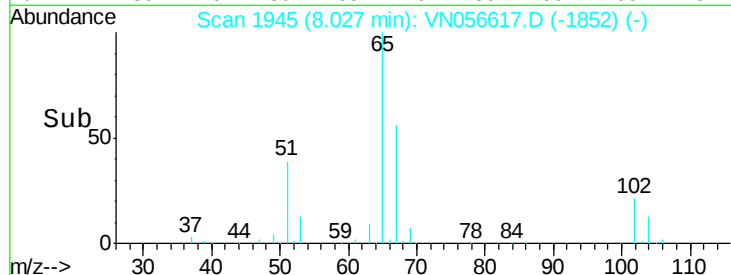
40000

20000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056617.D

Acq: 8 Jul 2019 18:14

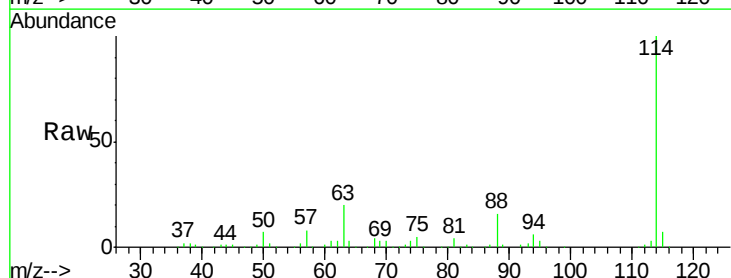
Tgt Ion: 114 Resp: 515212

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 15.9 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN056617.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN056617.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN056617.D (-2025) (-)

8.59

300000

250000

200000

150000

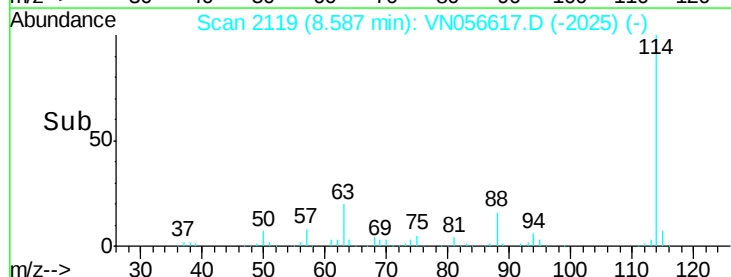
100000

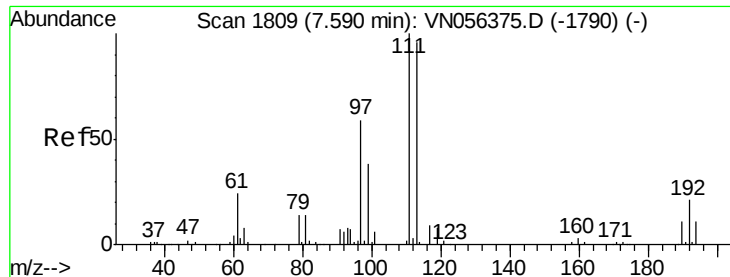
50000

0

8.50 8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 47.418 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056617.D

Acq: 8 Jul 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

OR-02-070319-B

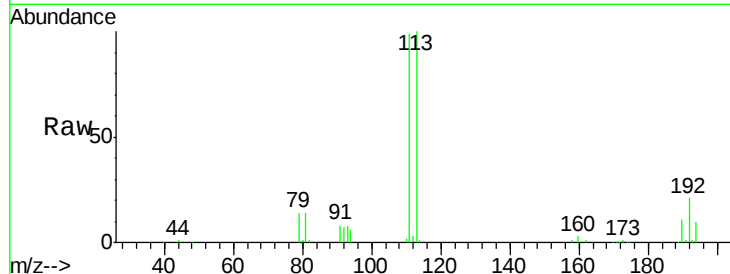
Tot Ion:113 Resp: 152406

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

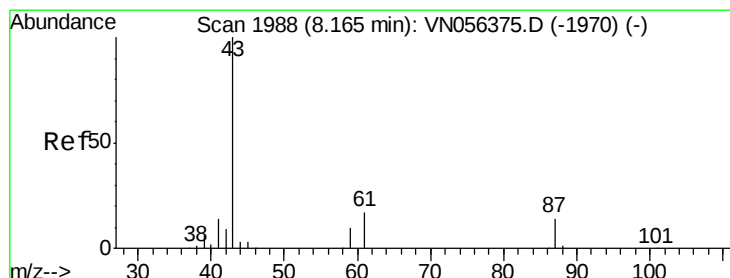
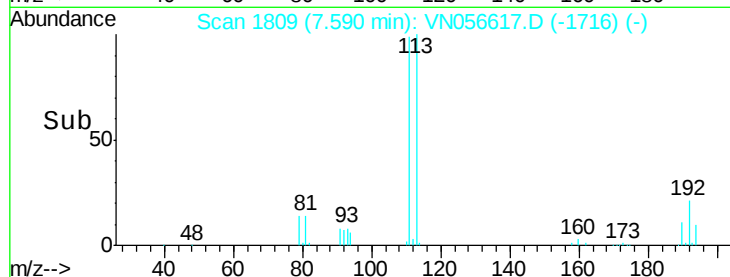
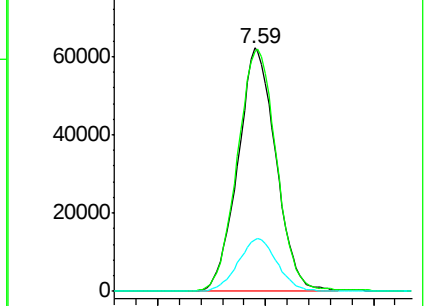
192 22.1 17.7 26.5



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: 2.852 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056617.D

Acq: 8 Jul 2019 18:14

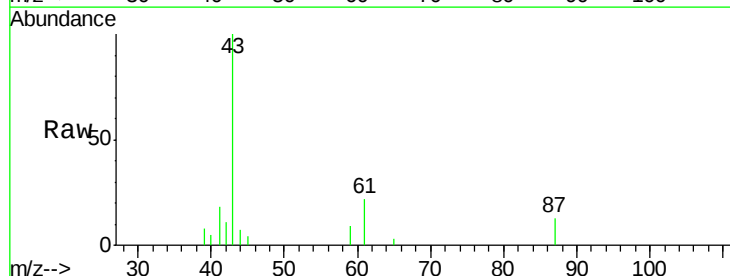
Tgt Ion: 43 Resp: 19597

Ion Ratio Lower Upper

43 100

61 19.5 22.0 33.0#

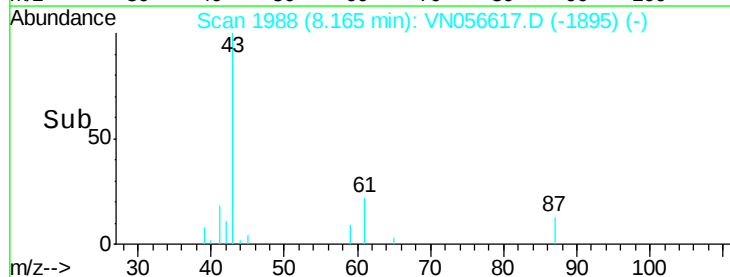
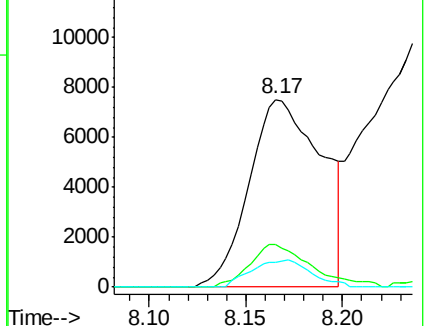
87 11.8 11.0 16.4

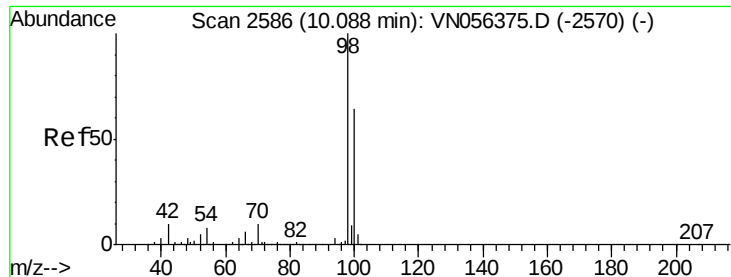


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 51.895 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056617.D

Acq: 8 Jul 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

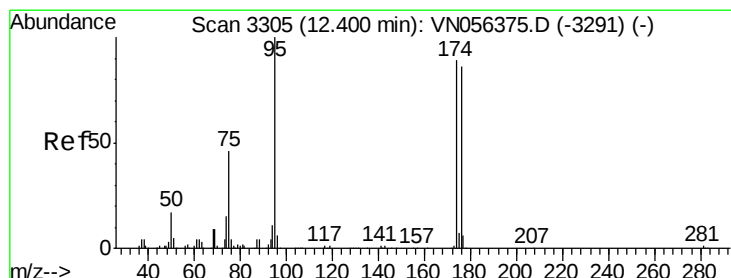
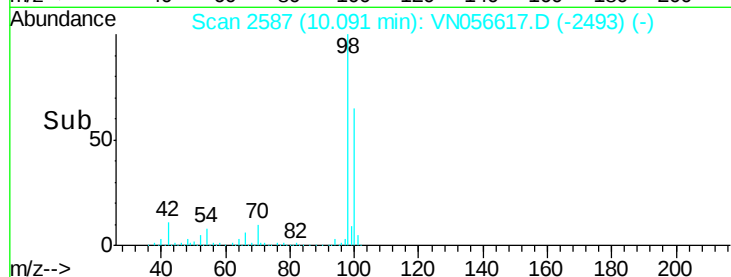
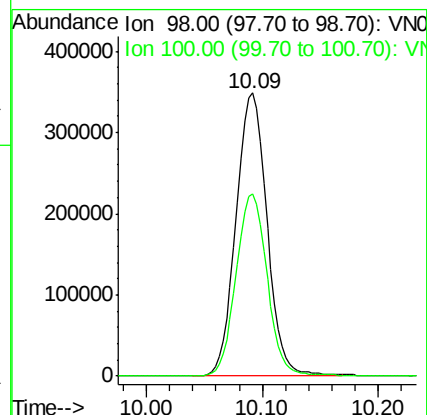
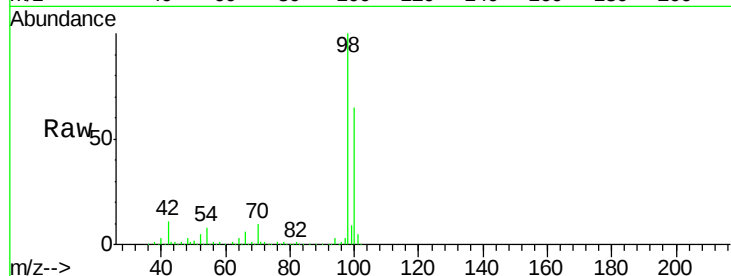
OR-02-070319-B

Tot Ion: 98 Resp: 649008

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 58.232 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056617.D

Acq: 8 Jul 2019 18:14

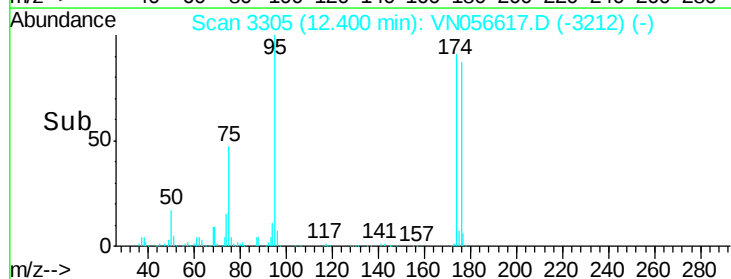
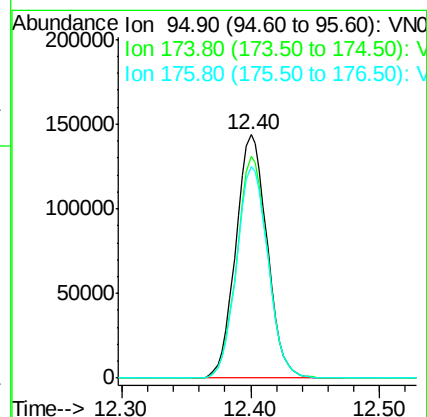
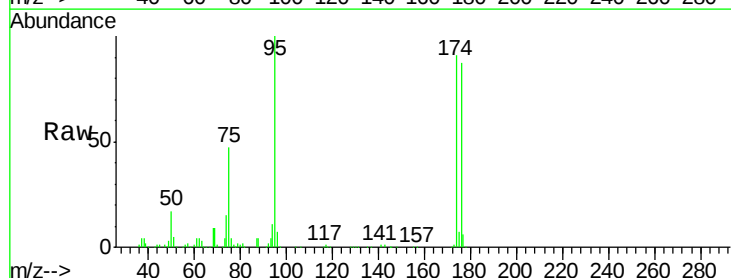
Tgt Ion: 95 Resp: 242770

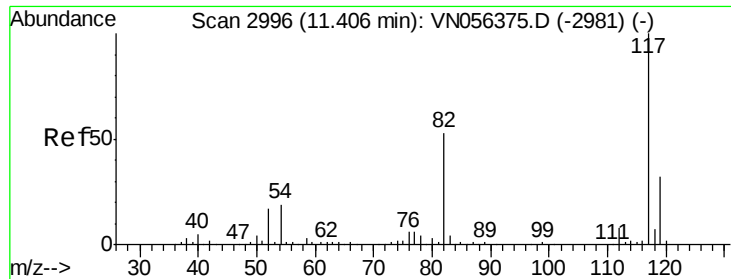
Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.4

176 87.4 0.0 173.4

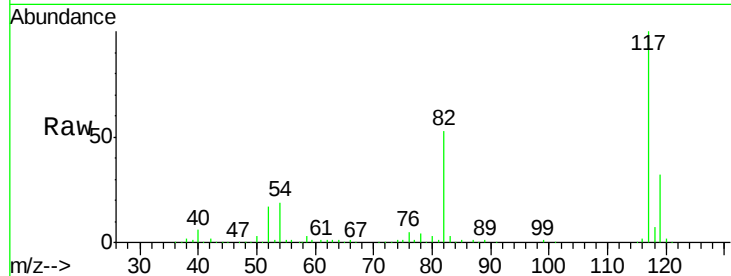




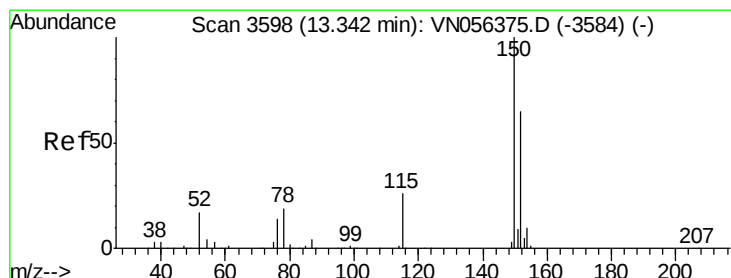
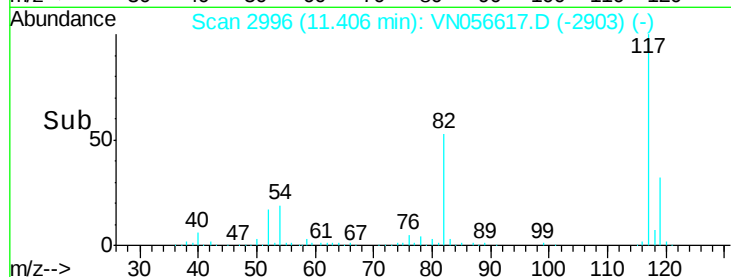
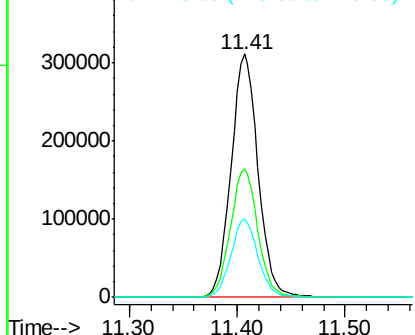
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056617.D
Acq: 8 Jul 2019 18:14

Instrument :
MSVOA_N
ClientSampleId :
OR-02-070319-B

Tot Ion:117 Resp: 543214
Ion Ratio Lower Upper
117 100
82 53.0 42.0 63.0
119 32.2 25.3 37.9

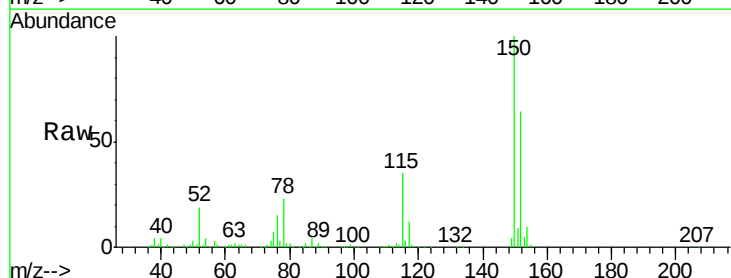


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

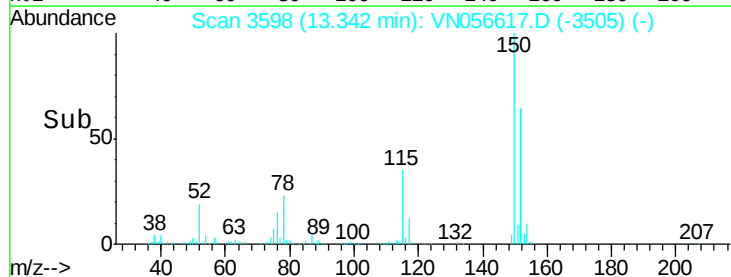
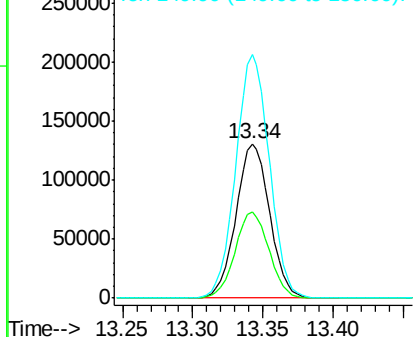


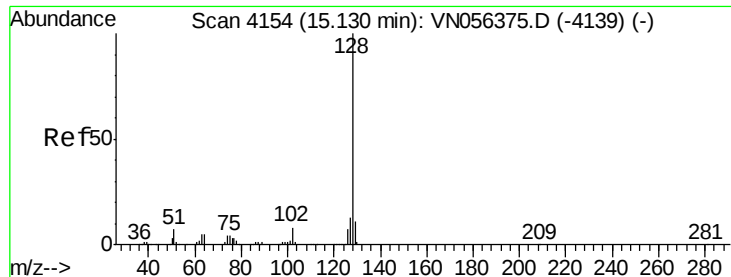
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056617.D
Acq: 8 Jul 2019 18:14

Tgt Ion:152 Resp: 219109
Ion Ratio Lower Upper
152 100
115 56.2 28.1 84.4
150 157.2 0.0 348.4



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





#95

Naphthalene

Concen: 5.976 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056617.D

Acq: 8 Jul 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

OR-02-070319-B

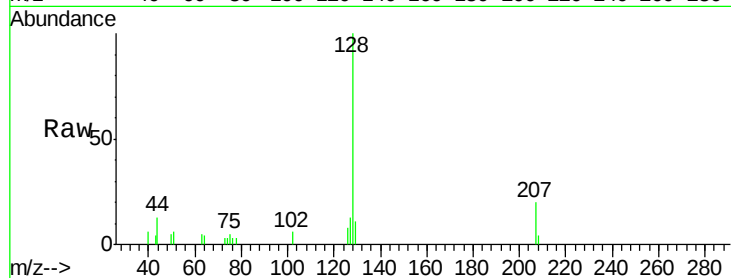
Tot Ion:128 Resp: 8194

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 9.8 8.6 12.8



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

