

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120519\
 Data File : VN059495.D
 Acq On : 5 Dec 2019 13:20
 Operator : JC/SP
 Sample : K6112-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-120419

Quant Time: Dec 06 00:51:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

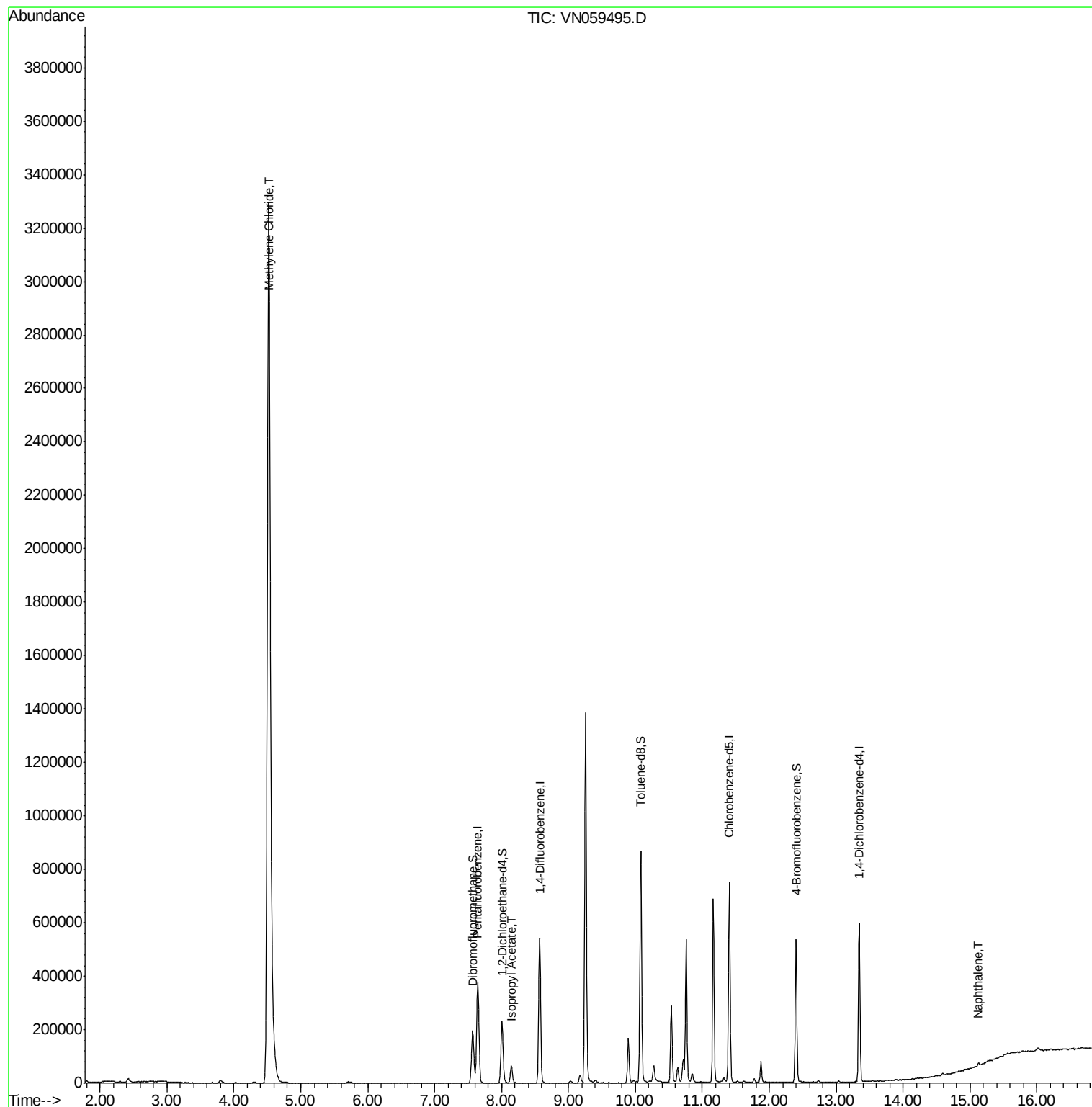
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	311040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	490608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	435123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	156414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	197952	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	7.57	113	151239	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
50) Toluene-d8	10.08	98	606035	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.40	95	190931	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
Target Compounds						
20) Methylene Chloride	4.52	84	2709687	761.594	ug/l	99
43) Isopropyl Acetate	8.15	43	76266	8.992	ug/l #	90
95) Naphthalene	15.13	128	9848	3.479	ug/l	99

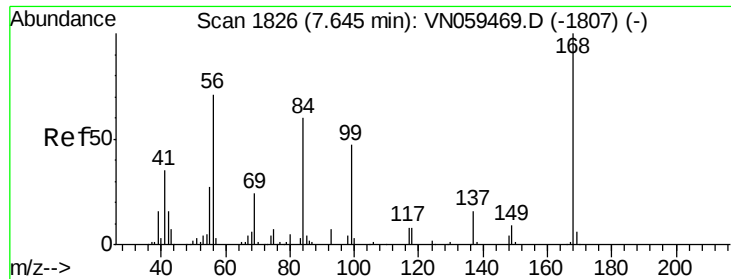
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 03 16:37:42 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059495.D

Acq: 5 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

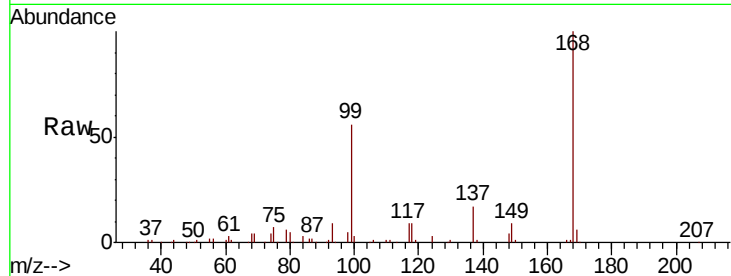
OK-02-120419

Tot Ion:168 Resp: 311040

Ion Ratio Lower Upper

168 100

99 56.4 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

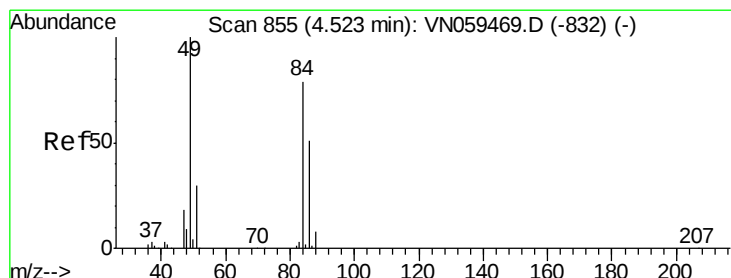
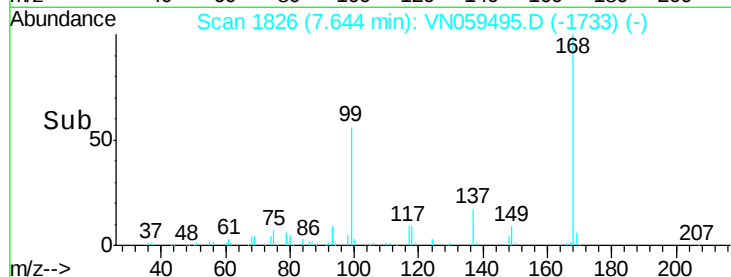
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 761.594 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN059495.D

Acq: 5 Dec 2019 13:20

Tgt Ion: 84 Resp: 2709687

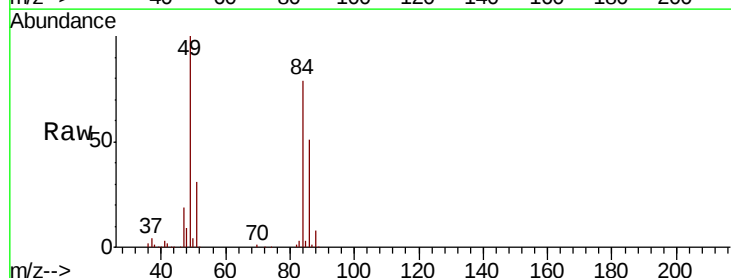
Ion Ratio Lower Upper

84 100

49 127.0 101.1 151.7

51 39.9 30.7 46.1

86 65.3 51.4 77.0



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

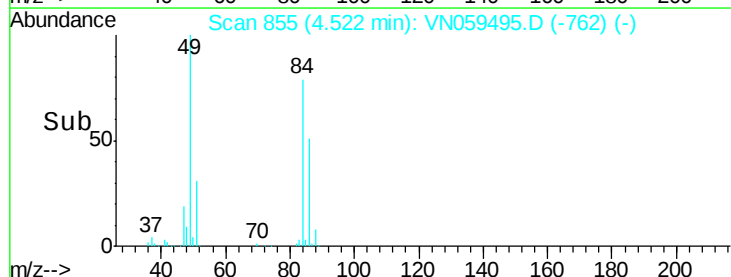
1500000

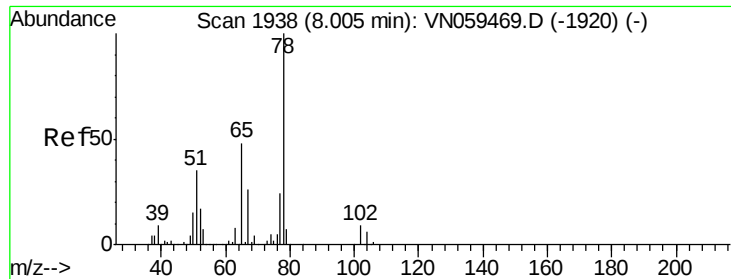
1000000

500000

0

Time--> 4.40 4.60 4.80





#33

1,2-Dichloroethane-d4

Concen: 51.230 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059495.D

Acq: 5 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

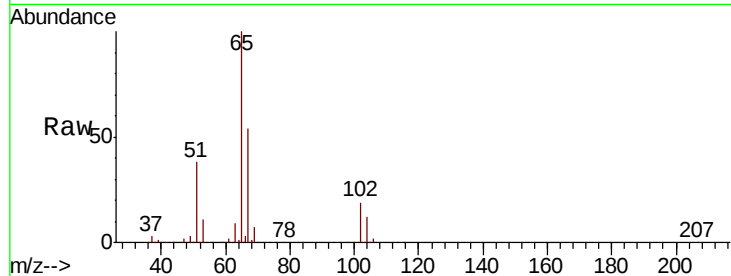
OK-02-120419

Tot Ion: 65 Resp: 197952

Ion Ratio Lower Upper

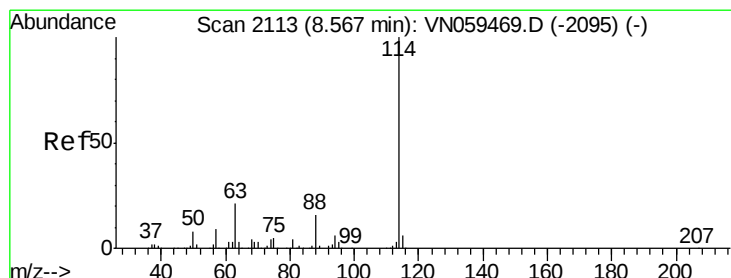
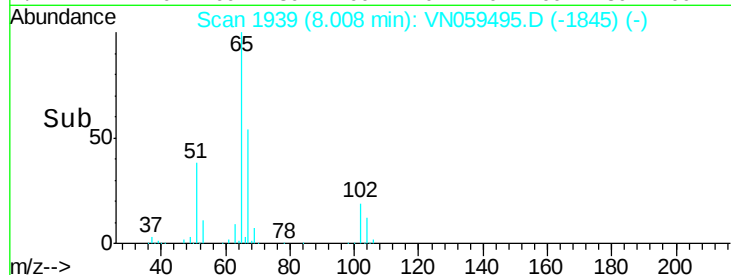
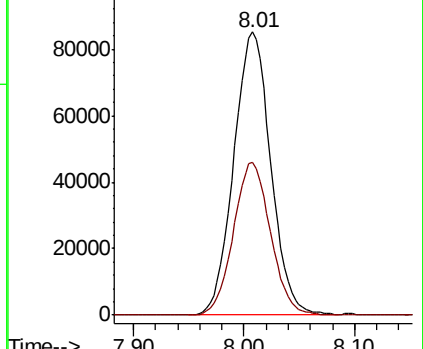
65 100

67 54.0 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059469.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN059469.D (-1920) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059495.D

Acq: 5 Dec 2019 13:20

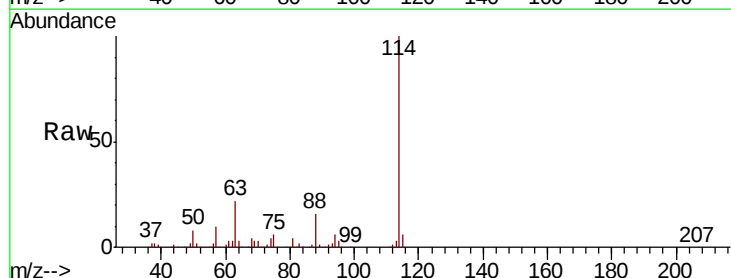
Tgt Ion: 114 Resp: 490608

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

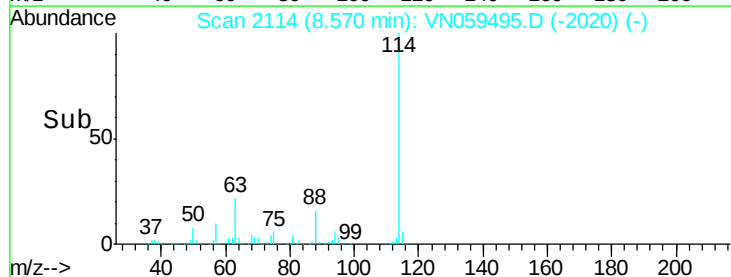
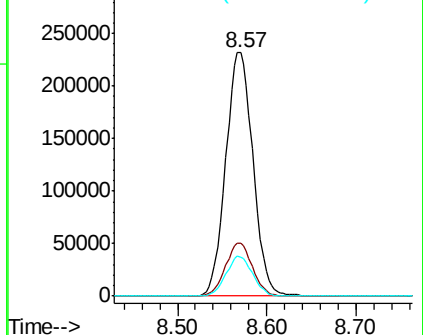
88 16.1 0.0 32.8

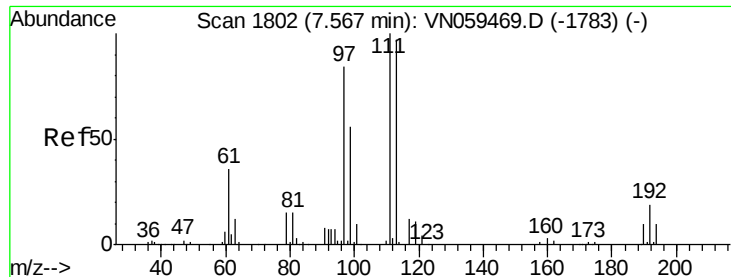


Abundance Ion 113.90 (113.60 to 114.60): VN059469.D (-2095) (-)

Ion 63.00 (62.70 to 63.70): VN059469.D (-2095) (-)

Ion 87.90 (87.60 to 88.60): VN059469.D (-2095) (-)





#35

Dibromofluoromethane

Concen: 49.495 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059495.D

Acq: 5 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

OK-02-120419

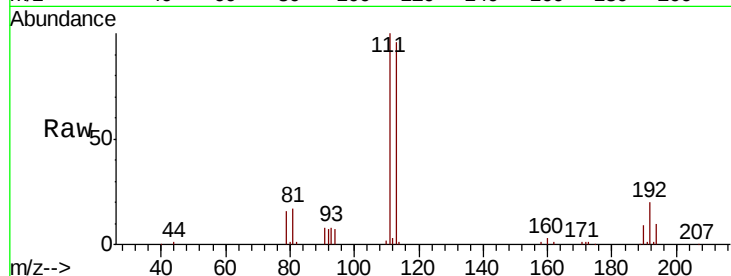
Tot Ion:113 Resp: 151239

Ion Ratio Lower Upper

113 100

111 103.4 82.5 123.7

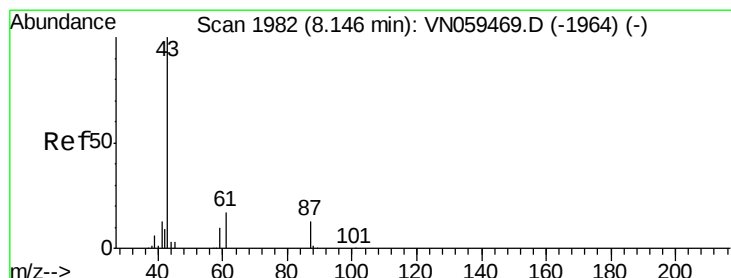
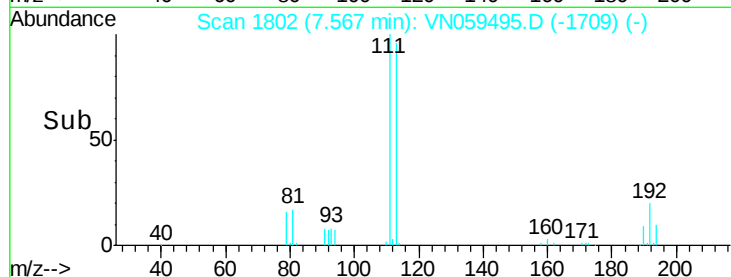
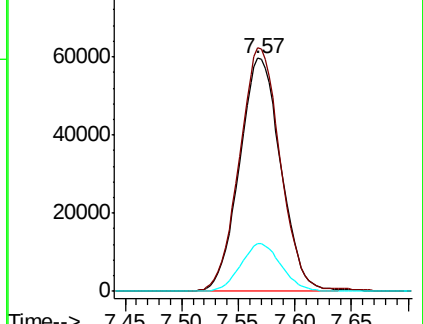
192 20.1 16.1 24.1



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: 8.992 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VN059495.D

Acq: 5 Dec 2019 13:20

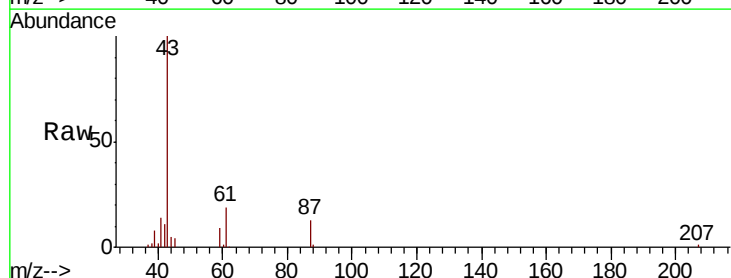
Tgt Ion: 43 Resp: 76266

Ion Ratio Lower Upper

43 100

61 18.9 21.0 31.6#

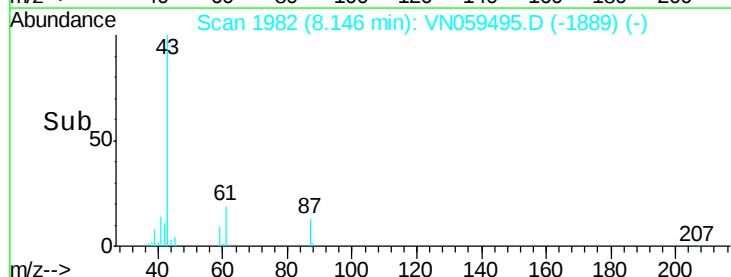
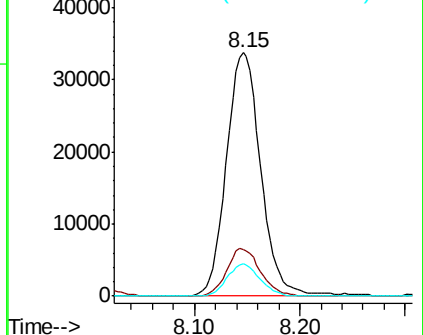
87 12.4 10.4 15.6

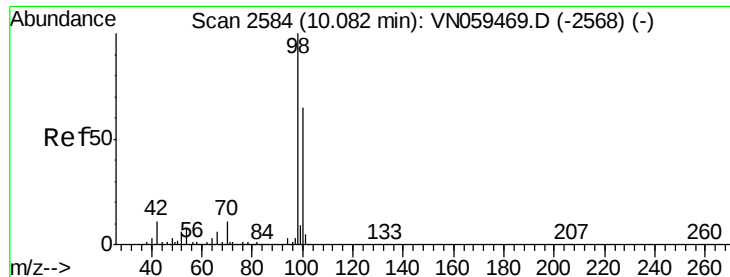


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.303 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059495.D

Acq: 5 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

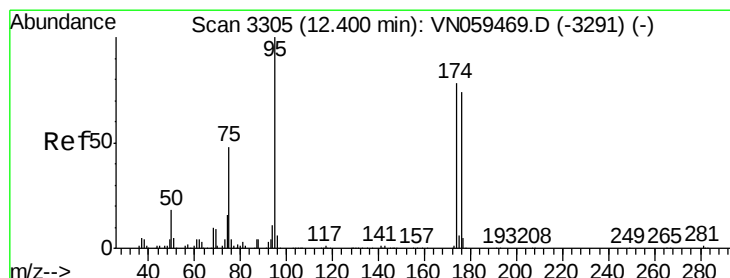
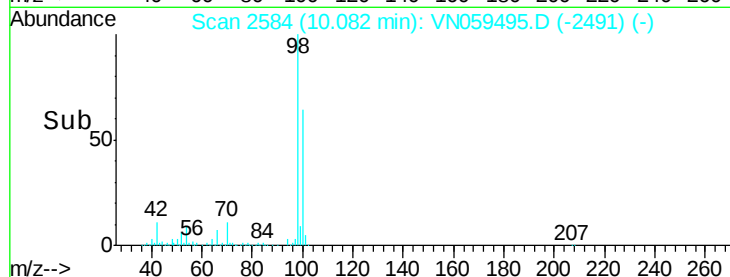
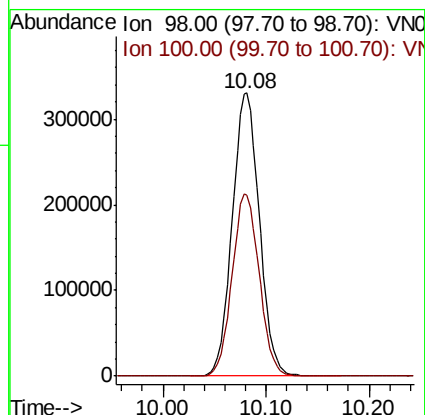
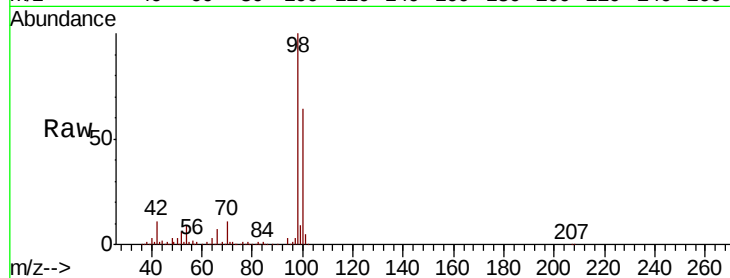
OK-02-120419

Tot Ion: 98 Resp: 606035

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 45.380 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059495.D

Acq: 5 Dec 2019 13:20

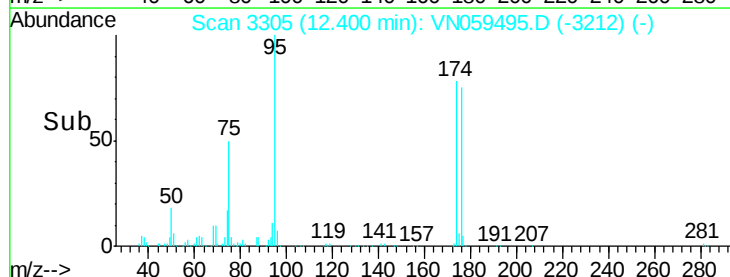
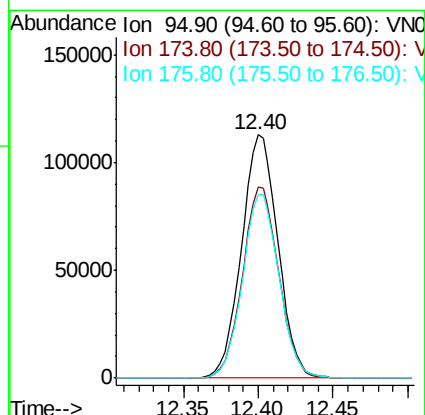
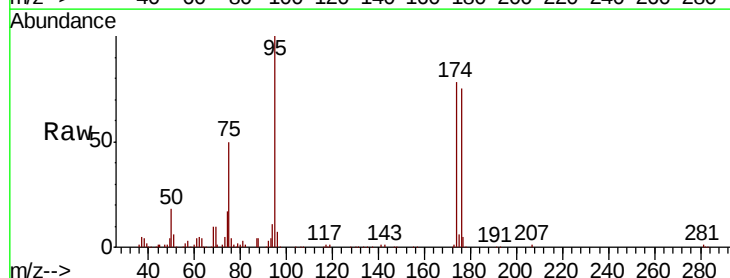
Tgt Ion: 95 Resp: 190931

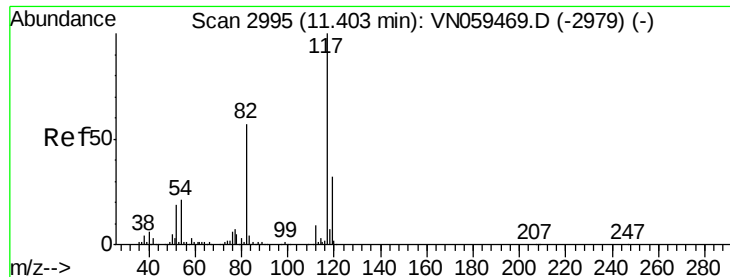
Ion Ratio Lower Upper

95 100

174 78.3 0.0 157.0

176 76.0 0.0 152.4

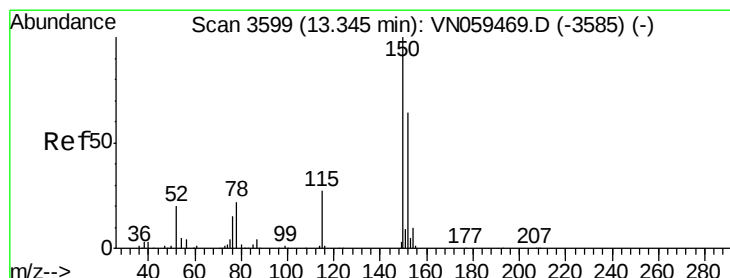
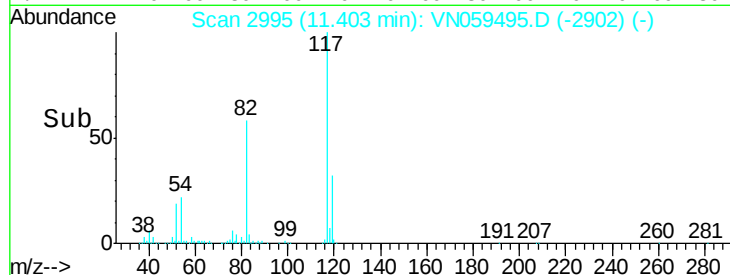
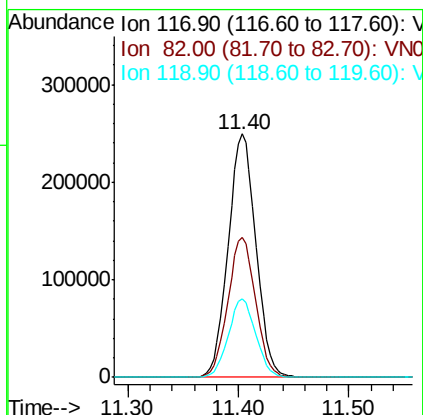
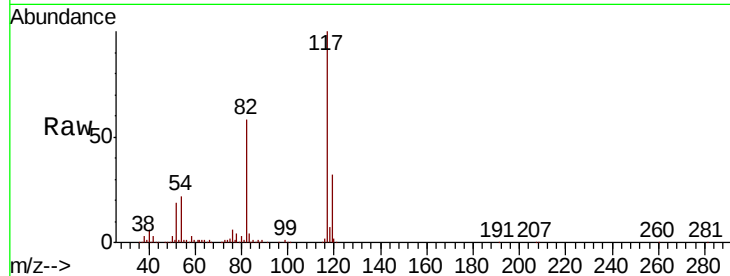




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059495.D
Acq: 5 Dec 2019 13:20

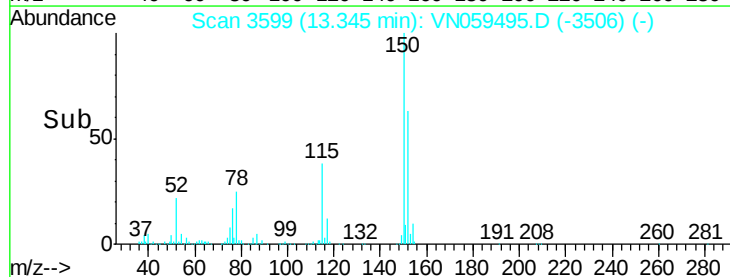
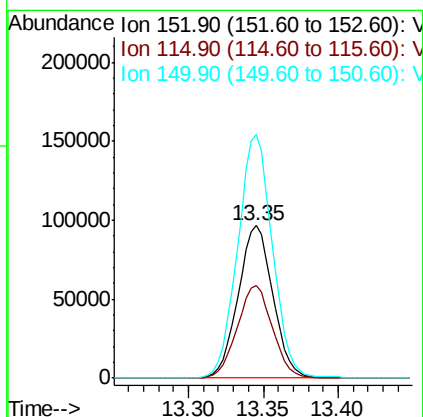
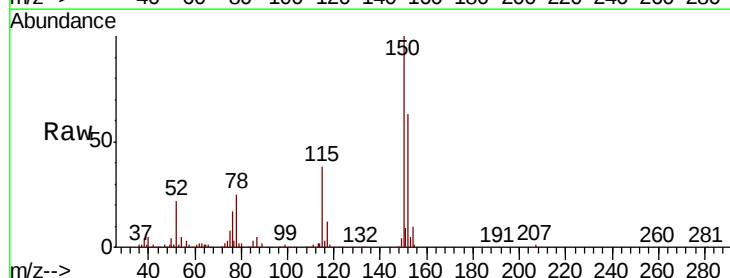
Instrument :
MSVOA_N
ClientSampleId :
OK-02-120419

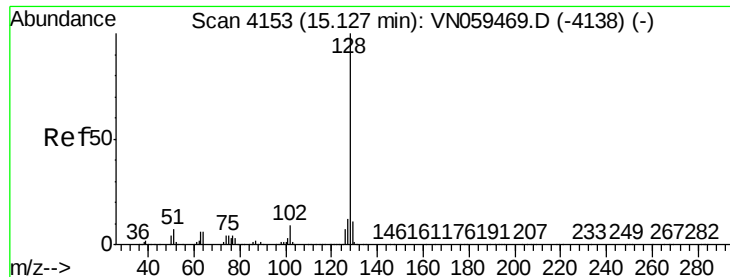
Tot Ion:117 Resp: 435123
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.8
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059495.D
Acq: 5 Dec 2019 13:20

Tgt Ion:152 Resp: 156414
Ion Ratio Lower Upper
152 100
115 61.3 29.2 87.6
150 159.5 0.0 352.8





#95

Naphthalene

Concen: 3.479 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059495.D

Acq: 5 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

OK-02-120419

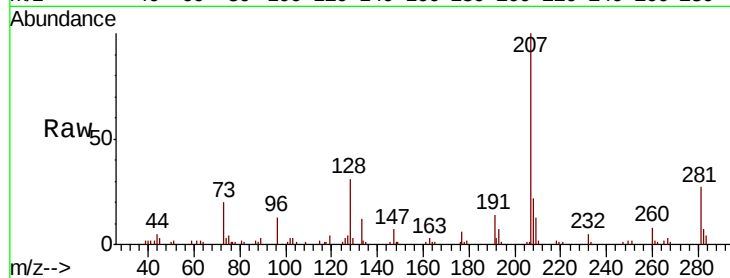
Tot Ion:128 Resp: 9848

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.7 8.8 13.2



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

