

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100319\
 Data File : VN058514.D
 Acq On : 3 Oct 2019 16:50
 Operator : JC/SP
 Sample : K5156-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EAST-ACCESS-SP

Quant Time: Oct 04 04:52:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

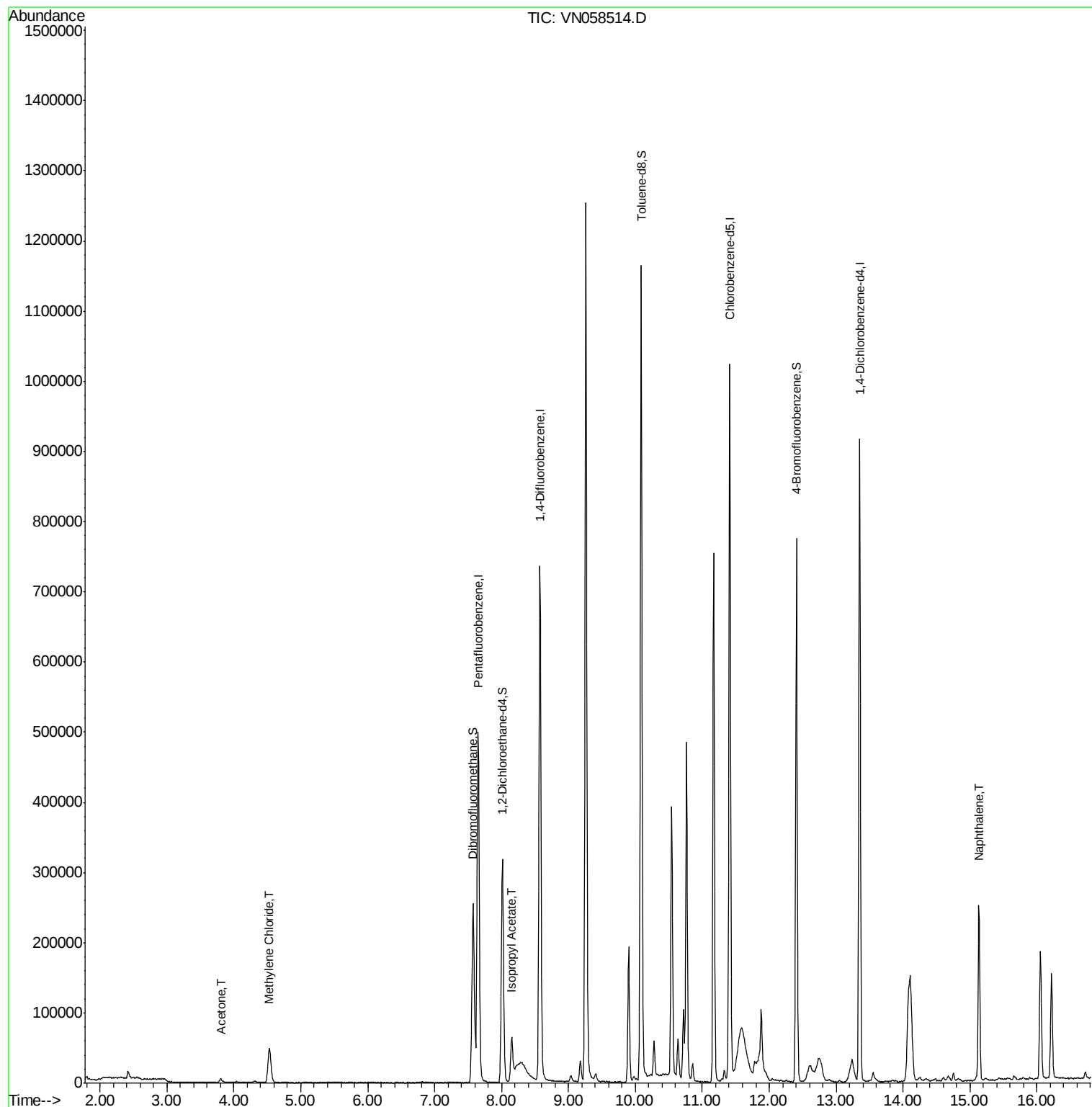
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	381616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	639078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	560390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	226893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	278922	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
35) Dibromofluoromethane	7.58	113	193608	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	10.08	98	800407	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.41	95	258255	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
Target Compounds						
16) Acetone	3.81	43	10048	5.286	ug/l	94
20) Methylene Chloride	4.53	84	36611	8.345	ug/l	91
43) Isopropyl Acetate	8.15	43	87985	9.031	ug/l	96
95) Naphthalene	15.13	128	195772	17.642	ug/l	98

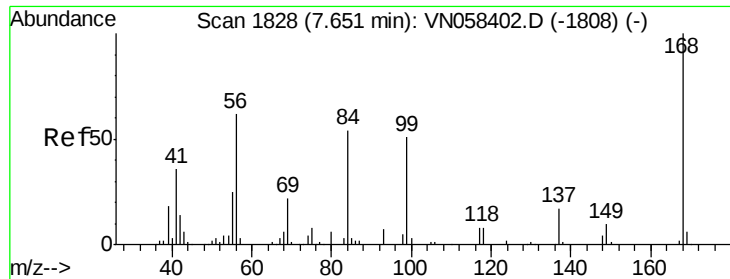
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100319\
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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058514.D

Acq: 3 Oct 2019 16:50

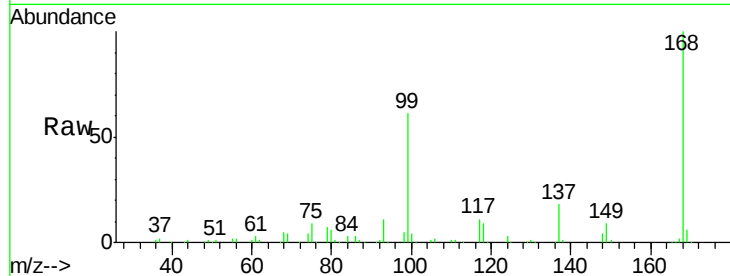
Instrument :
MSVOA_N
ClientSampleId :
EAST-ACCESS-SP

Tot Ion:168 Resp: 381616

Ion Ratio Lower Upper

168 100

99 60.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

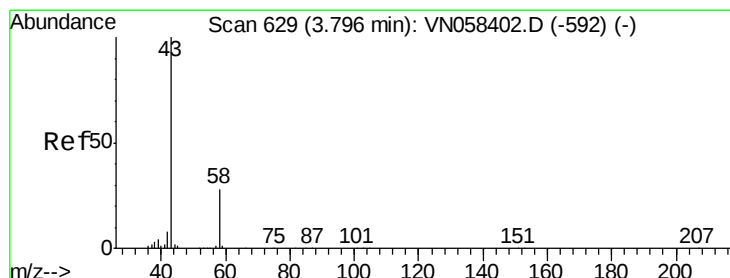
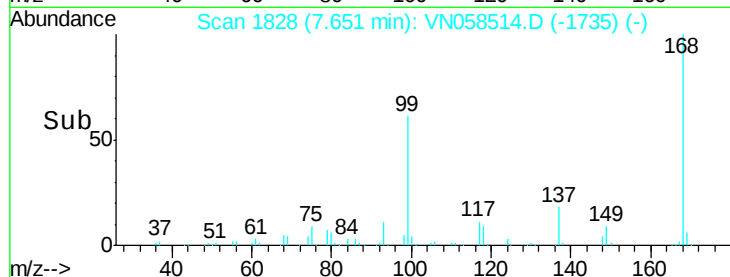
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 5.286 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058514.D

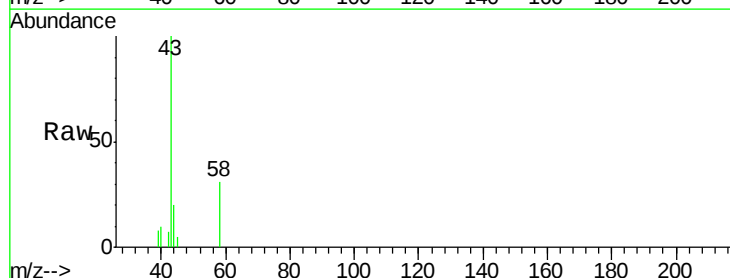
Acq: 3 Oct 2019 16:50

Tgt Ion: 43 Resp: 10048

Ion Ratio Lower Upper

43 100

58 31.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

4000

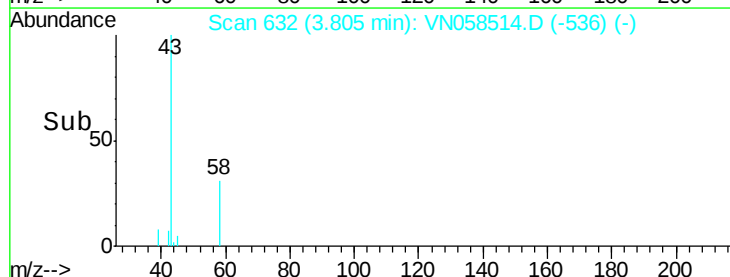
3000

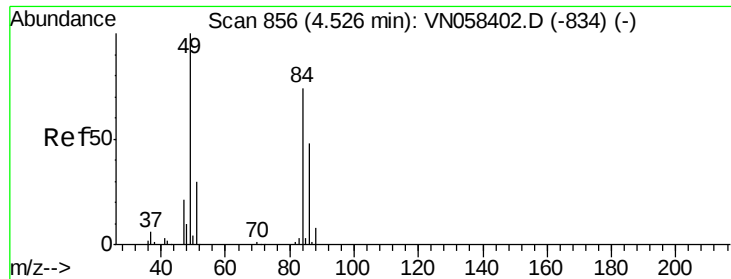
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

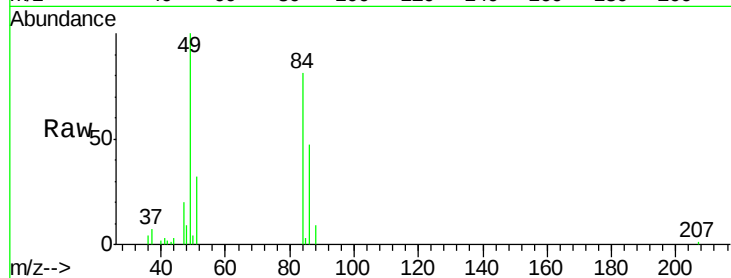




#20
Methylene Chloride
Concen: 8.345 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058514.D
Acq: 3 Oct 2019 16:50

Instrument :
MSVOA_N
ClientSampleId :
EAST-ACCESS-SP

Tot Ion:	84	Resp:	36611
Ion	Ratio	Lower	Upper
84	100		
49	122.1	107.9	161.9
51	39.2	32.8	49.2
86	57.7	51.5	77.3

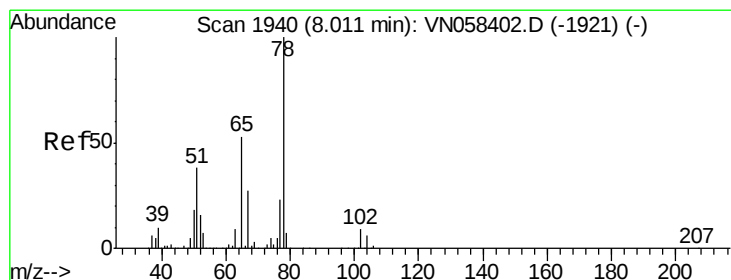
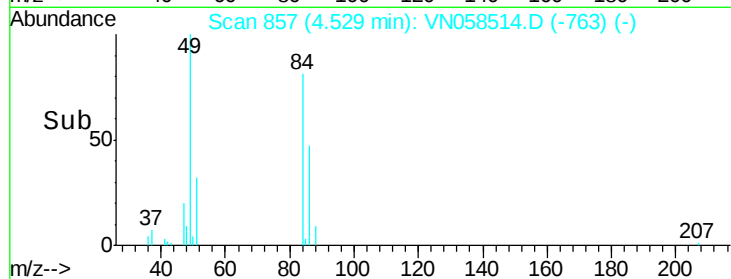
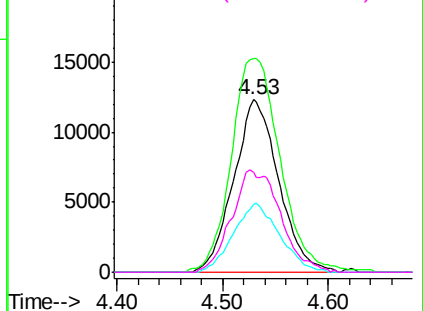


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

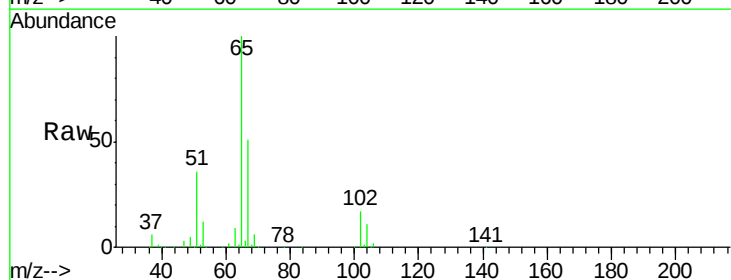
Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



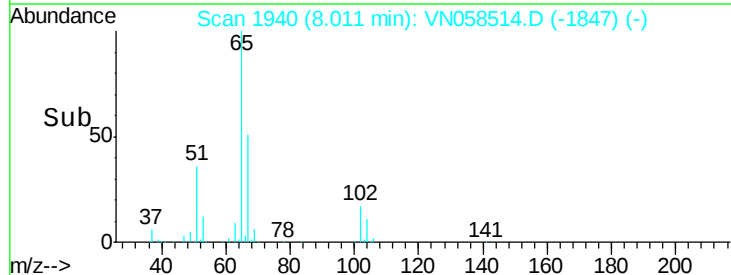
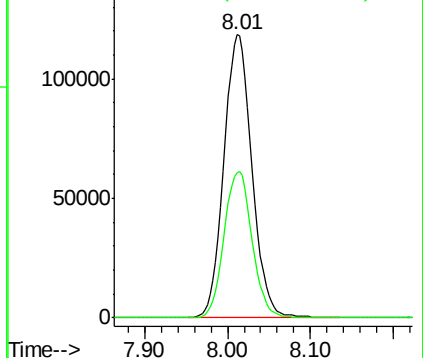
#33
1,2-Dichloroethane-d4
Concen: 50.016 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058514.D
Acq: 3 Oct 2019 16:50

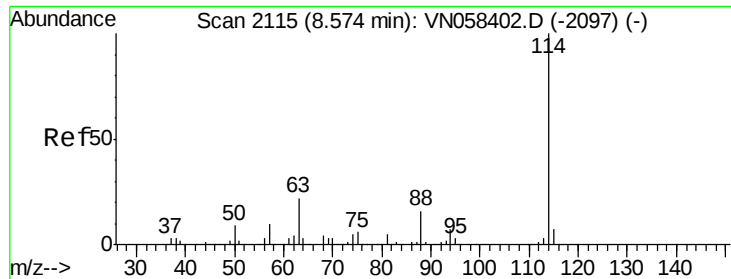
Tgt Ion:	65	Resp:	278922
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058514.D

Acq: 3 Oct 2019 16:50

Instrument :

MSVOA_N

ClientSampleId :

EAST-ACCESS-SP

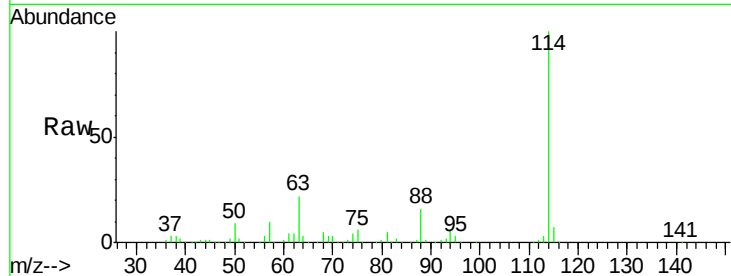
Tot Ion:114 Resp: 639078

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

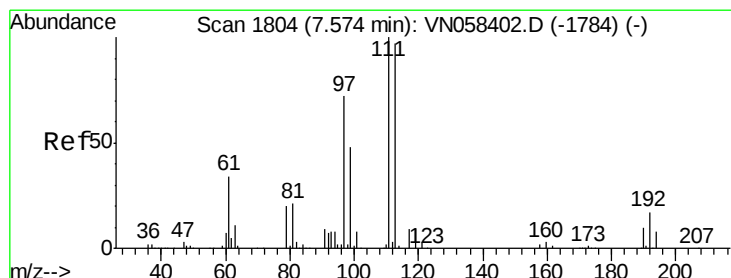
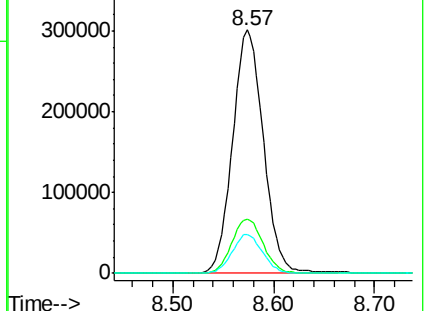
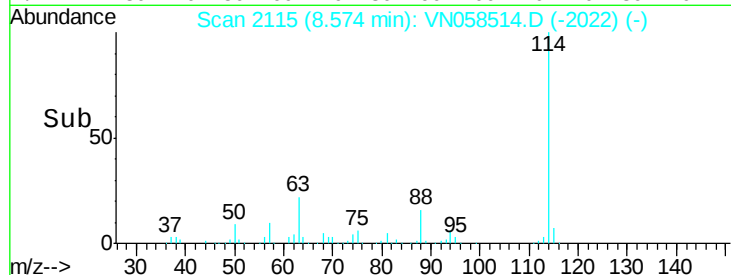
88 16.0 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.430 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058514.D

Acq: 3 Oct 2019 16:50

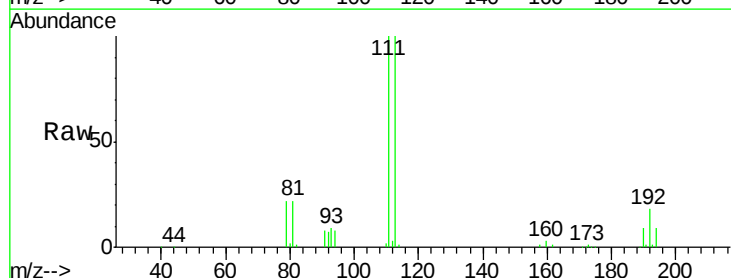
Tgt Ion:113 Resp: 193608

Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

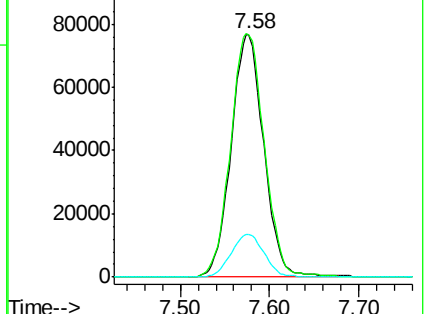
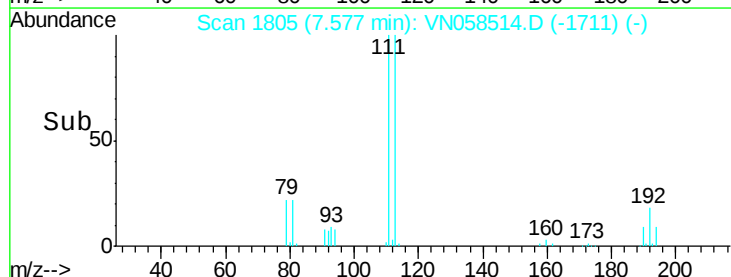
192 17.9 14.9 22.3

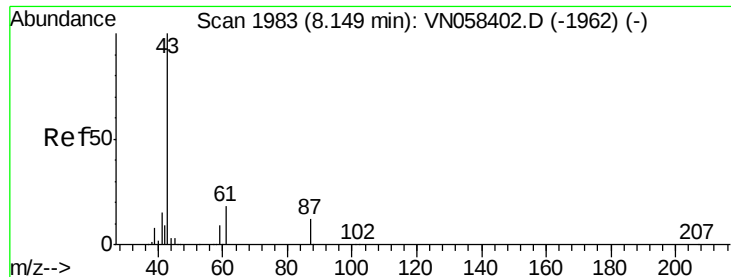


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.031 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058514.D

Acq: 3 Oct 2019 16:50

Instrument :

MSVOA_N

ClientSampleId :

EAST-ACCESS-SP

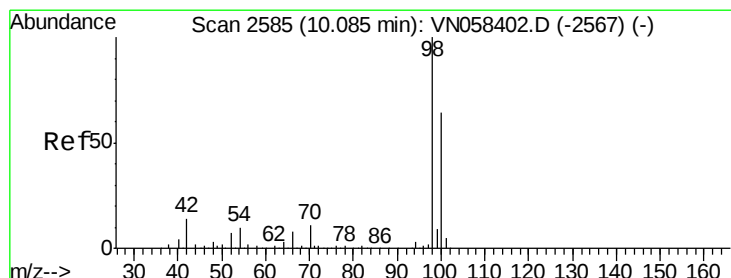
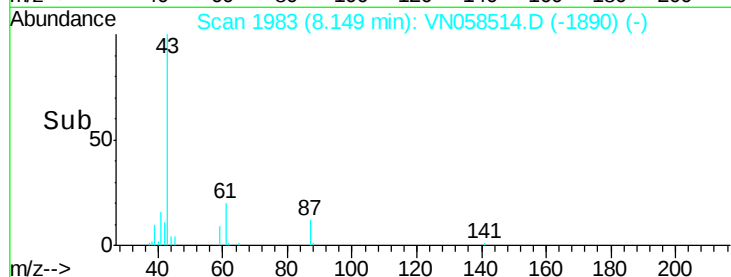
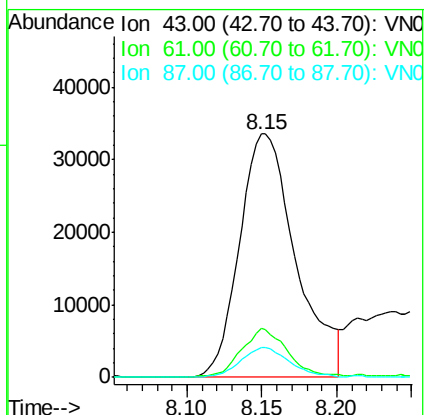
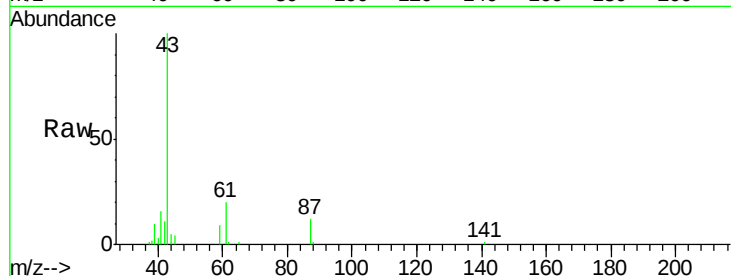
Tot Ion: 43 Resp: 87985

Ion Ratio Lower Upper

43 100

61 16.5 14.8 22.2

87 10.5 9.7 14.5



#50

Toluene-d8

Concen: 52.164 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058514.D

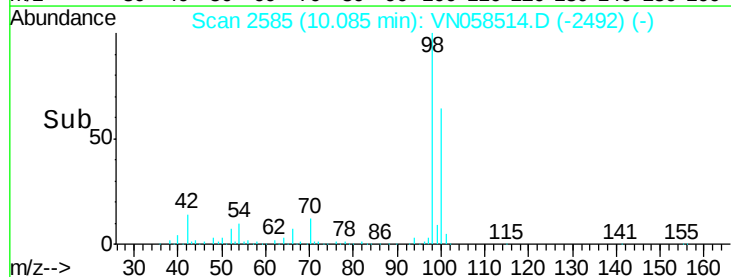
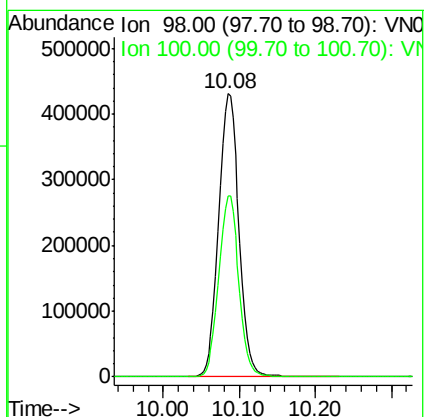
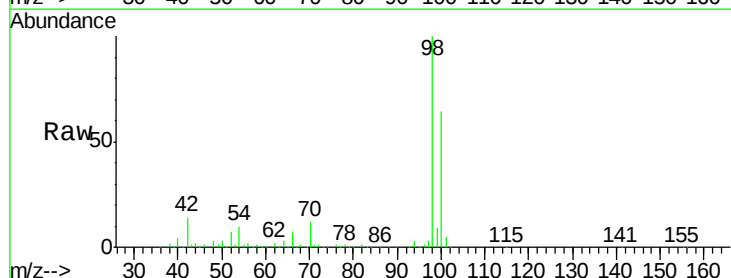
Acq: 3 Oct 2019 16:50

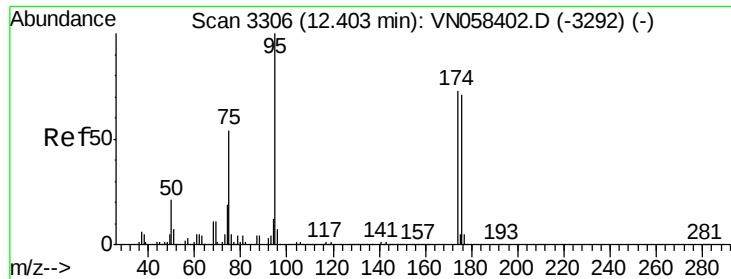
Tgt Ion: 98 Resp: 800407

Ion Ratio Lower Upper

98 100

100 63.3 51.0 76.6





#62

4-Bromofluorobenzene

Concen: 46.549 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058514.D

Acq: 3 Oct 2019 16:50

Instrument :

MSVOA_N

ClientSampleId :

EAST-ACCESS-SP

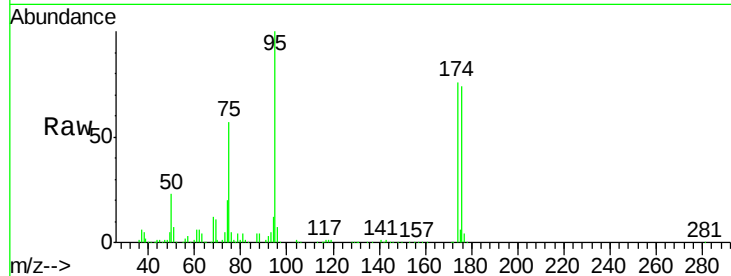
Tot Ion: 95 Resp: 258255

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.6

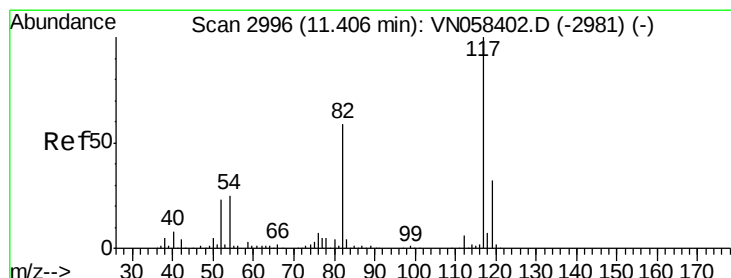
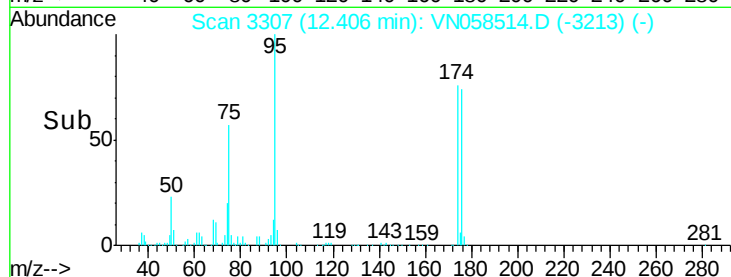
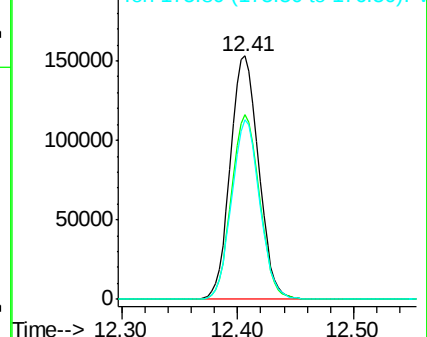
176 73.1 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058514.D

Acq: 3 Oct 2019 16:50

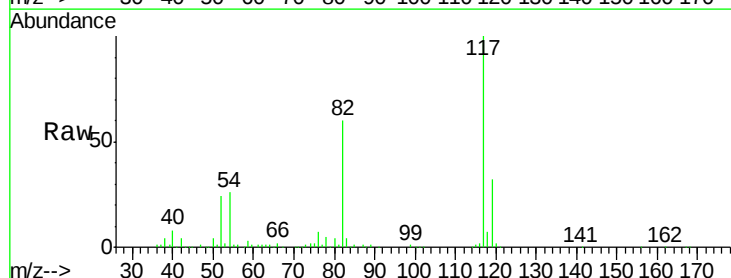
Tgt Ion: 117 Resp: 560390

Ion Ratio Lower Upper

117 100

82 59.9 47.4 71.0

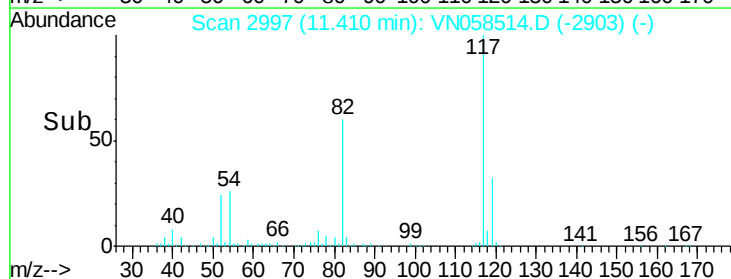
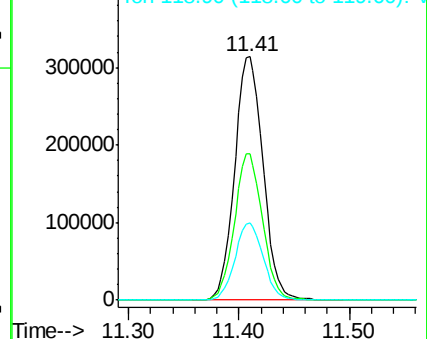
119 31.9 25.5 38.3

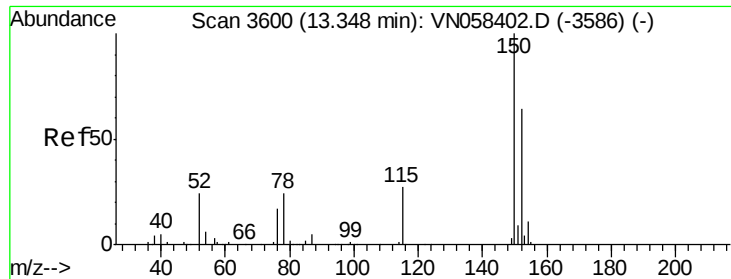


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)



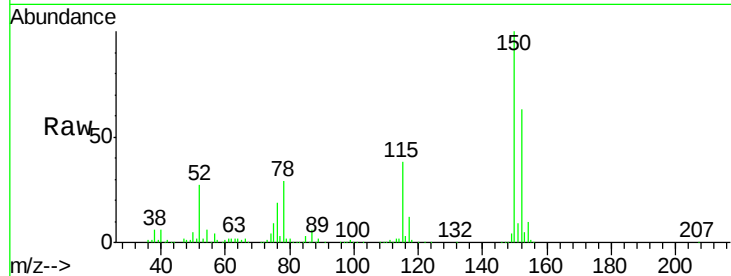


#72

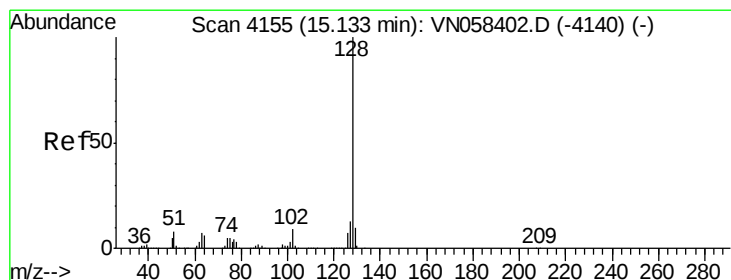
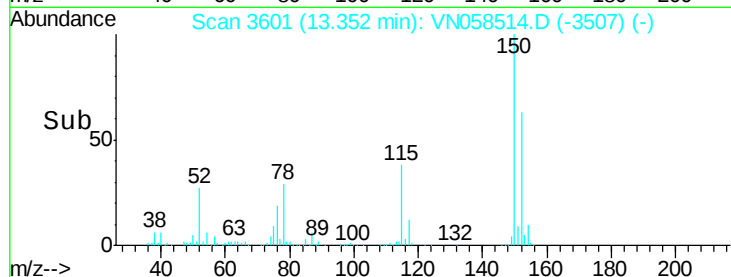
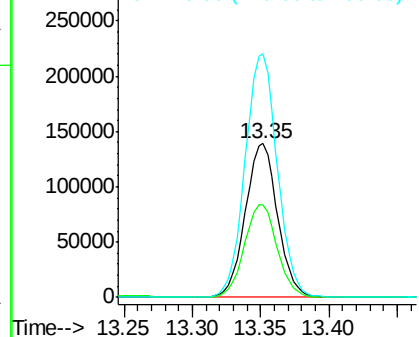
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058514.D
Acq: 3 Oct 2019 16:50

Instrument :
MSVOA_N
ClientSampleId :
EAST-ACCESS-SP

Tot Ion:152 Resp: 226893
Ion Ratio Lower Upper
152 100
115 61.0 30.0 90.0
150 159.9 0.0 348.2



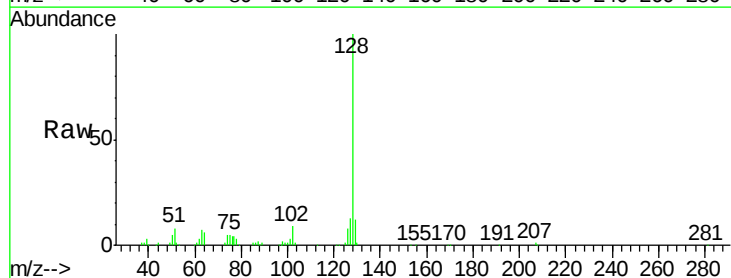
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 17.642 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058514.D
Acq: 3 Oct 2019 16:50

Tgt Ion:128 Resp: 195772
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.3 8.3 12.5



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

