

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111819\
 Data File : VN059281.D
 Acq On : 18 Nov 2019 14:16
 Operator : JC/SP
 Sample : K5676-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-111519

Quant Time: Nov 19 01:10:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

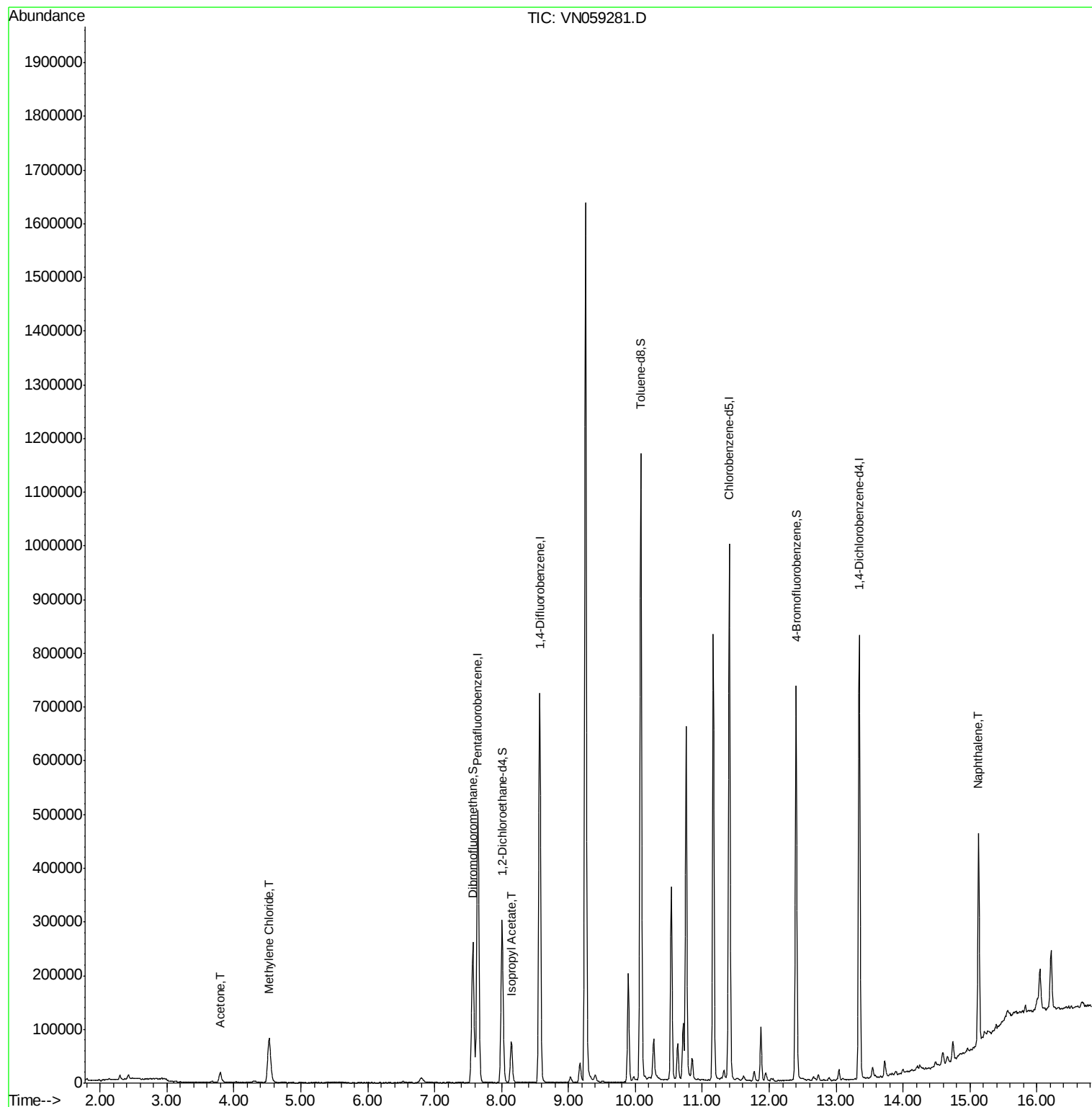
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	428319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	659003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	589186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	231580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	254245	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
35) Dibromofluoromethane	7.57	113	202745	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
50) Toluene-d8	10.08	98	814756	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.40	95	266383	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
Target Compounds						
16) Acetone	3.80	43	31135	11.372	ug/l	95
20) Methylene Chloride	4.53	84	66875	14.020	ug/l	99
43) Isopropyl Acetate	8.15	43	88490	8.100	ug/l #	92
95) Naphthalene	15.13	128	322755	28.302	ug/l	99

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

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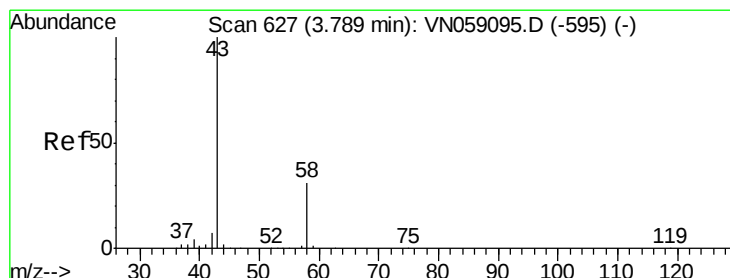
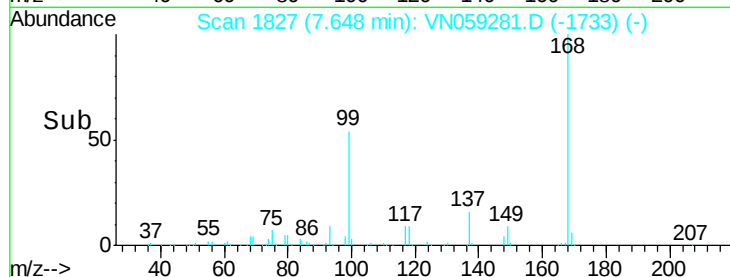
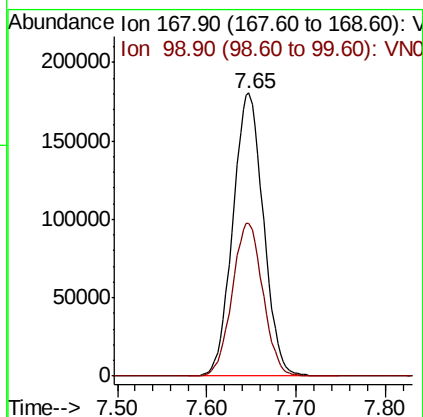
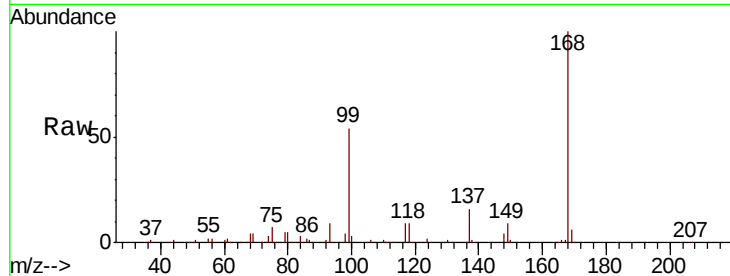




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN059281.D
Acq: 18 Nov 2019 14:16

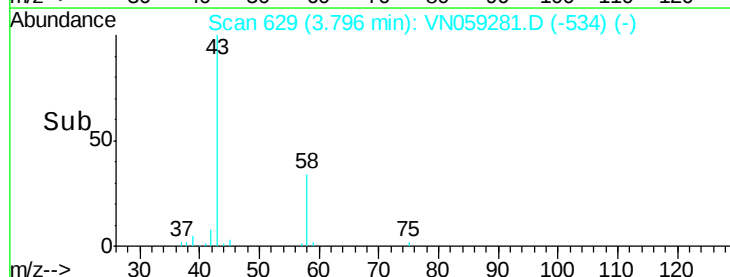
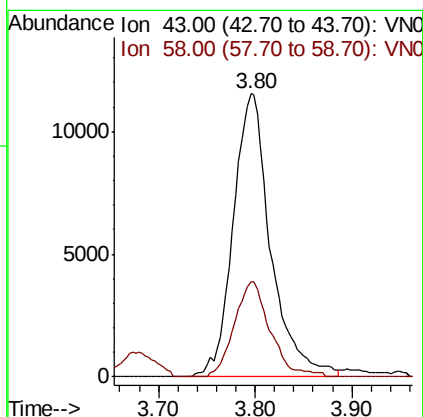
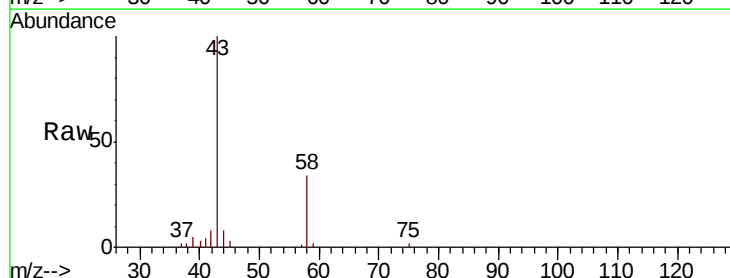
Instrument :
MSVOA_N
ClientSampleId :
SU-01-111519

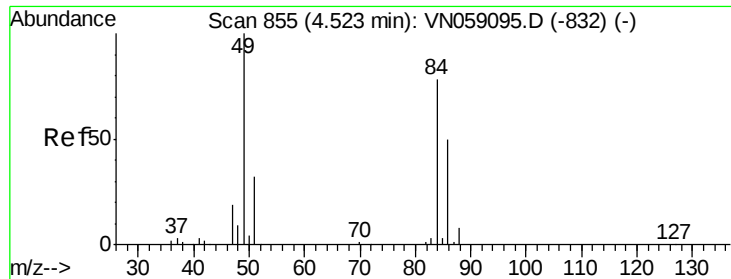
Tot Ion:168 Resp: 428319
Ion Ratio Lower Upper
168 100
99 54.1 45.7 68.5



#16
Acetone
Concen: 11.372 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.01 min
Lab File: VN059281.D
Acq: 18 Nov 2019 14:16

Tgt Ion: 43 Resp: 31135
Ion Ratio Lower Upper
43 100
58 33.7 24.9 37.3

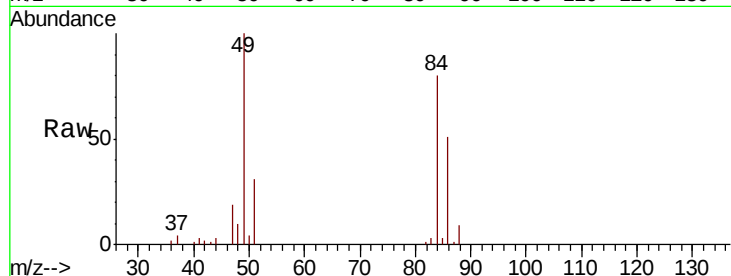




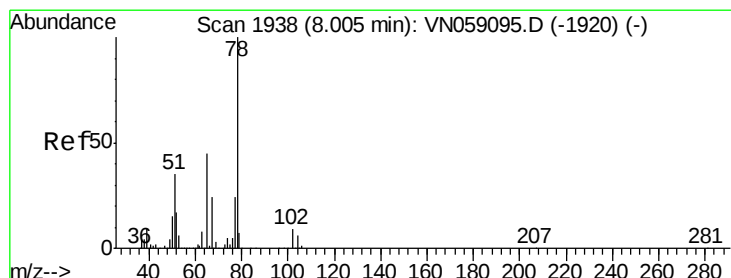
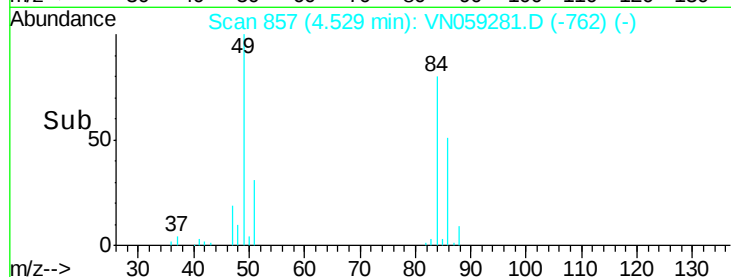
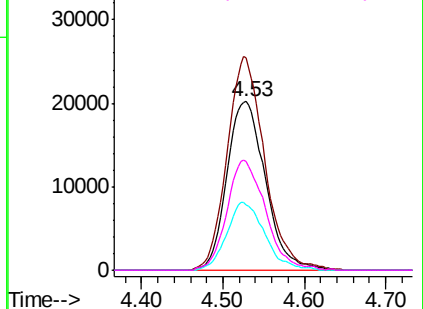
#20
Methylene Chloride
Concen: 14.020 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN059281.D
Acq: 18 Nov 2019 14:16

Instrument :
MSVOA_N
ClientSampleId :
SU-01-111519

Tot Ion: 84 Resp: 66875
Ion Ratio Lower Upper
84 100
49 125.7 102.0 153.0
51 39.0 32.2 48.2
86 64.1 50.7 76.1

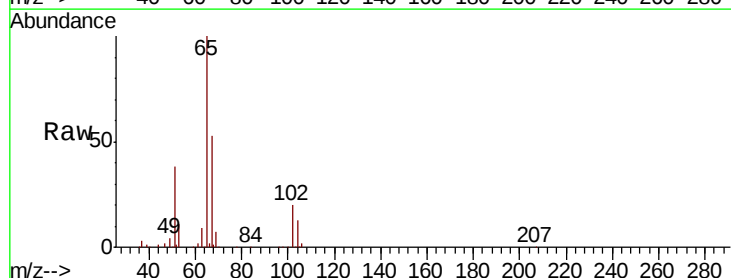


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

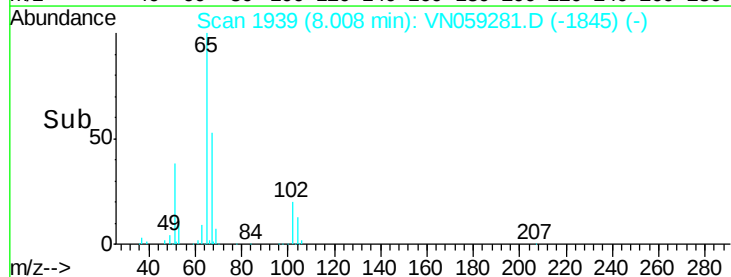
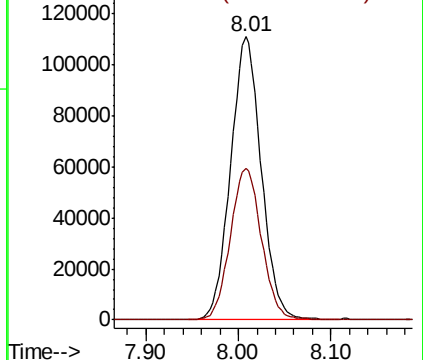


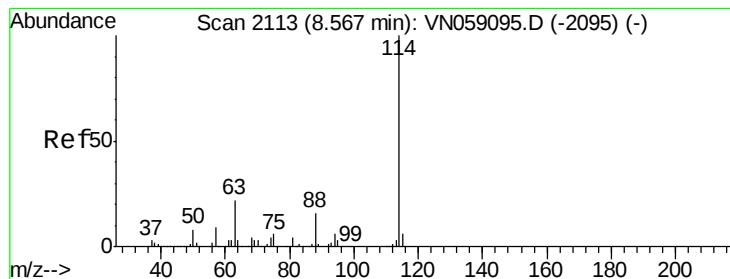
#33
1,2-Dichloroethane-d4
Concen: 48.288 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059281.D
Acq: 18 Nov 2019 14:16

Tgt Ion: 65 Resp: 254245
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.4



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# 2114

Delta R.T. 0.00 min

Lab File: VN059281.D

Acq: 18 Nov 2019 14:16

Instrument :

MSVOA_N

ClientSampleId :

SU-01-111519

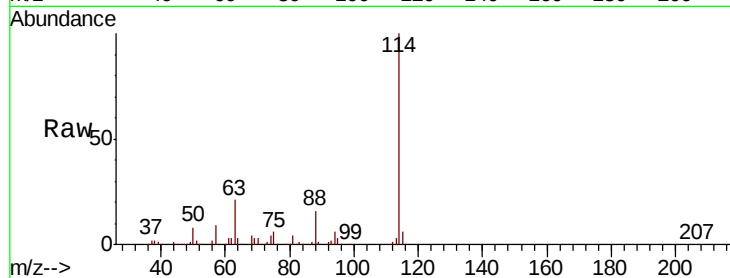
Tot Ion:114 Resp: 659003

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.4

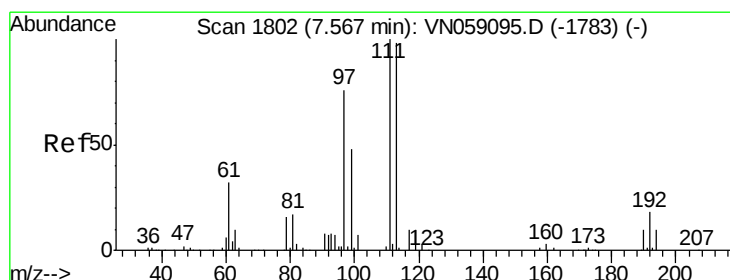
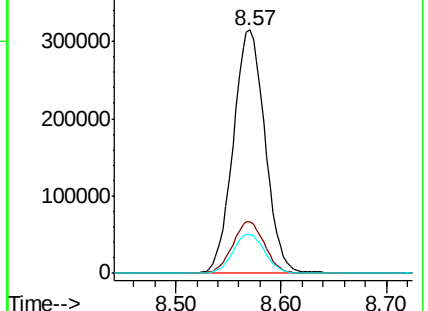
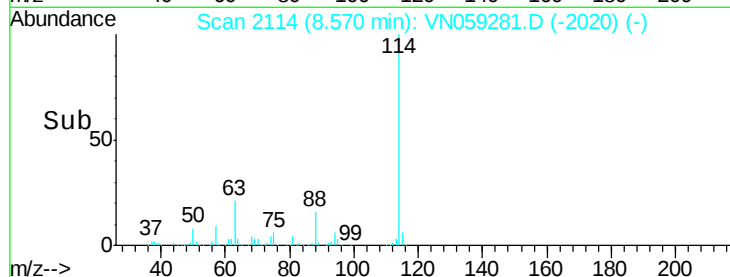
88 16.0 0.0 32.2



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: 51.525 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059281.D

Acq: 18 Nov 2019 14:16

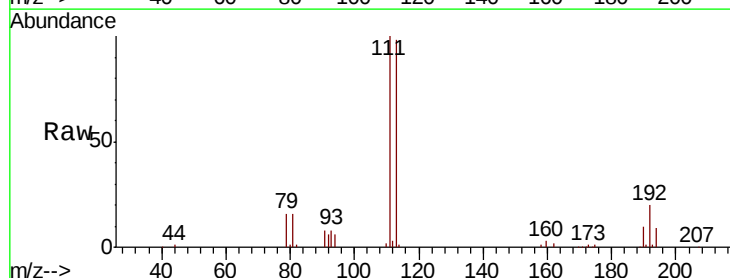
Tgt Ion:113 Resp: 202745

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

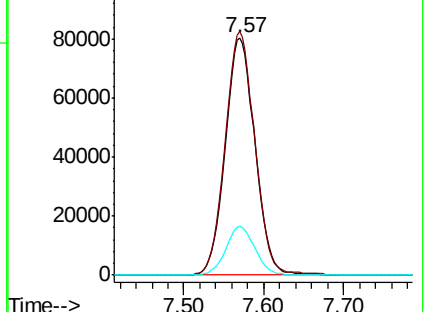
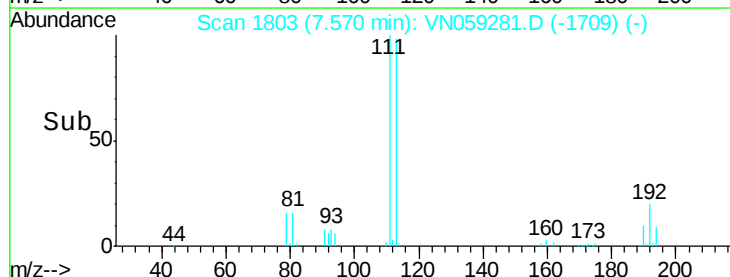
192 20.1 16.1 24.1

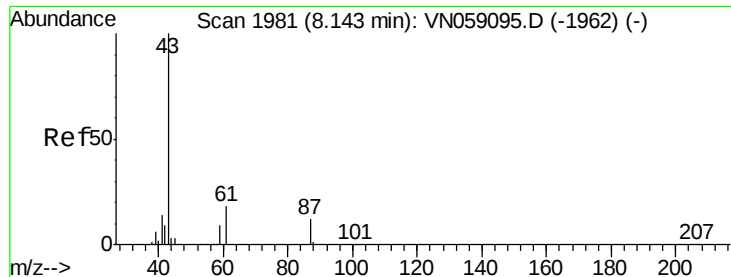


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.100 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059281.D

Acq: 18 Nov 2019 14:16

Instrument :

MSVOA_N

ClientSampleId :

SU-01-111519

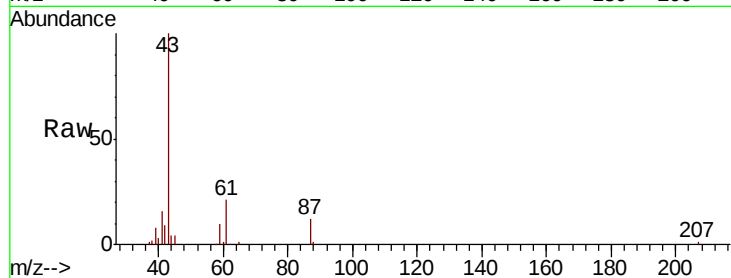
Tot Ion: 43 Resp: 88490

Ion Ratio Lower Upper

43 100

61 20.7 21.0 31.6#

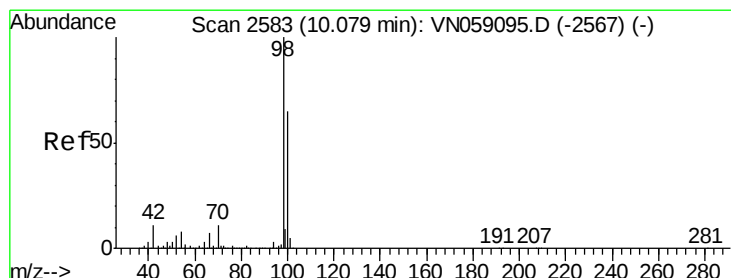
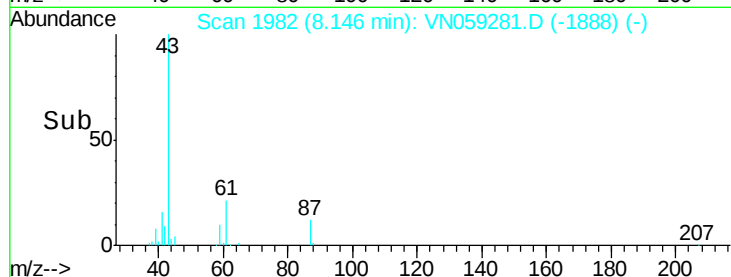
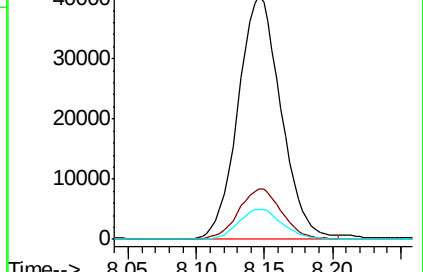
87 12.4 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059281.D (-1888) (-)

Ion 61.00 (60.70 to 61.70): VN059281.D (-1888) (-)

Ion 87.00 (86.70 to 87.70): VN059281.D (-1888) (-)



#50

Toluene-d8

Concen: 52.568 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059281.D

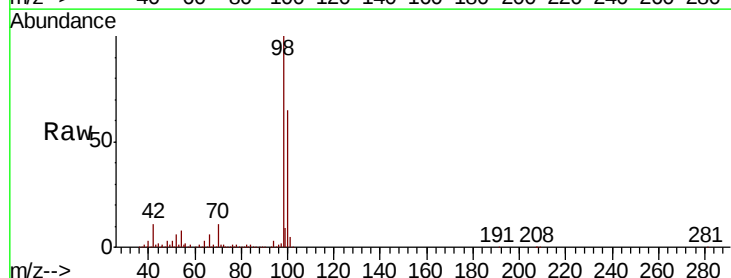
Acq: 18 Nov 2019 14:16

Tgt Ion: 98 Resp: 814756

Ion Ratio Lower Upper

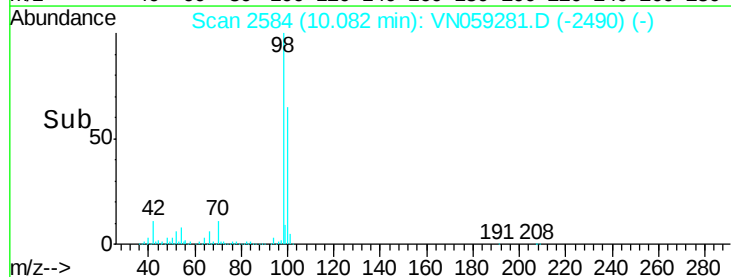
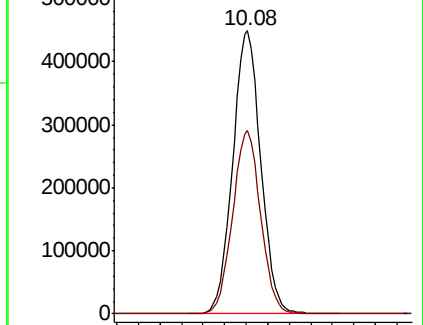
98 100

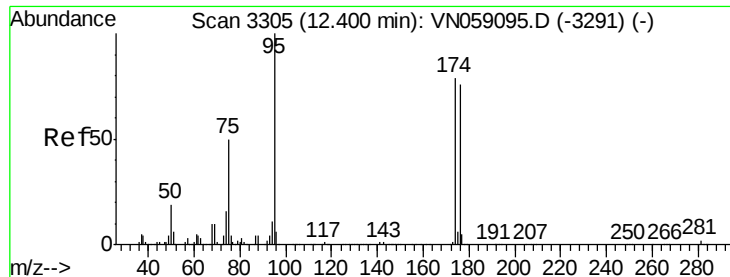
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059281.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059281.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 47.667 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059281.D

Acq: 18 Nov 2019 14:16

Instrument :

MSVOA_N

ClientSampleId :

SU-01-111519

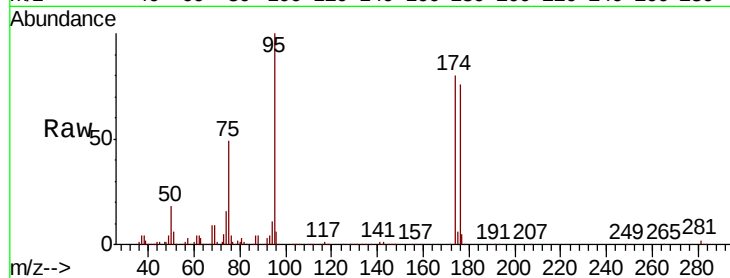
Tot Ion: 95 Resp: 266383

Ion Ratio Lower Upper

95 100

174 80.0 0.0 158.2

176 77.2 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059281.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059281.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059281.D (-3212) (-)

12.40

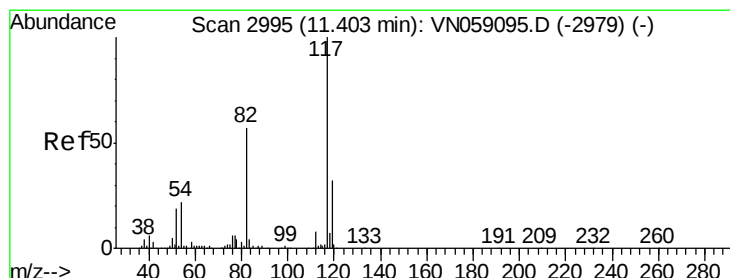
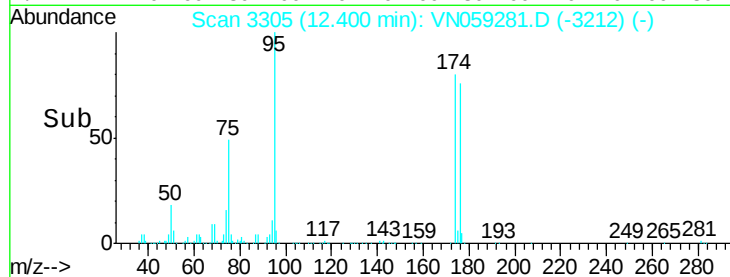
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059281.D

Acq: 18 Nov 2019 14:16

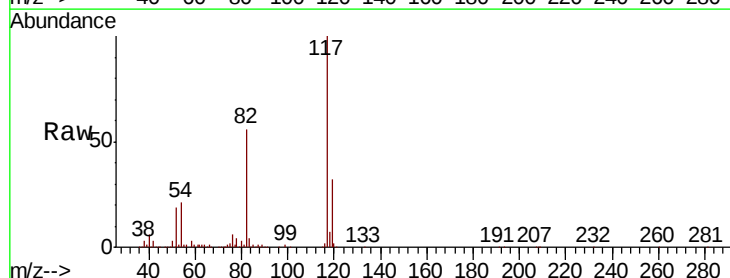
Tgt Ion: 117 Resp: 589186

Ion Ratio Lower Upper

117 100

82 56.1 45.8 68.8

119 31.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN059281.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059281.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059281.D (-2902) (-)

11.40

400000

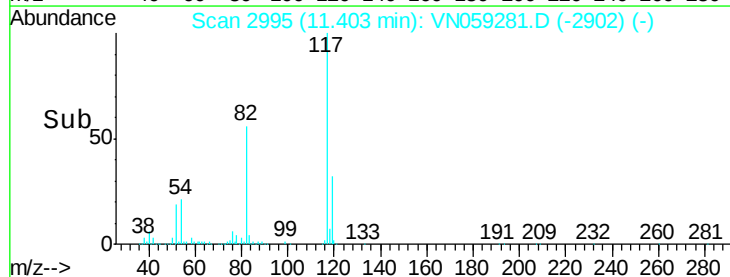
300000

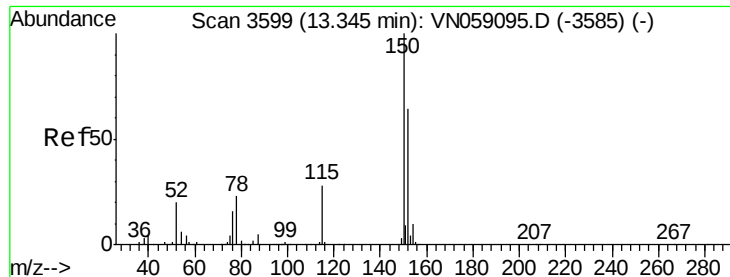
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059281.D

Acq: 18 Nov 2019 14:16

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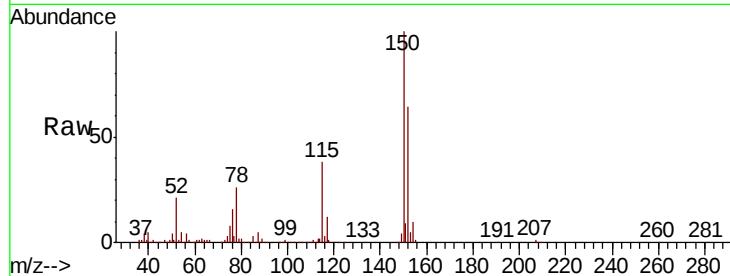
Tot Ion:152 Resp: 231580

Ion Ratio Lower Upper

152 100

115 59.4 29.4 88.2

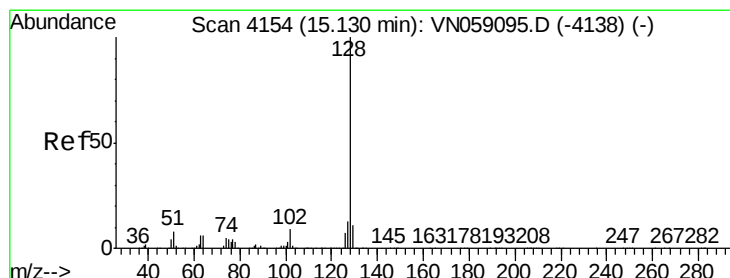
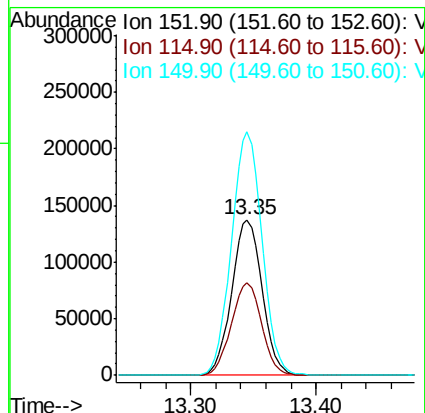
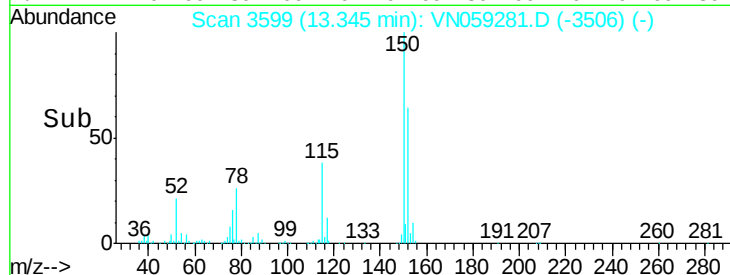
150 157.5 0.0 345.8



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: 28.302 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059281.D

Acq: 18 Nov 2019 14:16

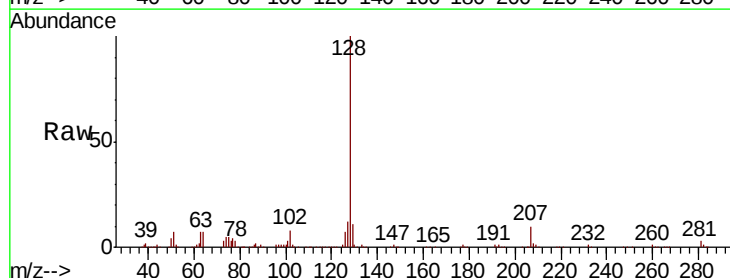
Tgt Ion:128 Resp: 322755

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.2

129 11.3 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

