

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061259.D
 Acq On : 2 May 2020 7:45
 Operator : JC/MD
 Sample : L2463-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JHDS-SOUTH-D

Quant Time: May 04 08:21:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

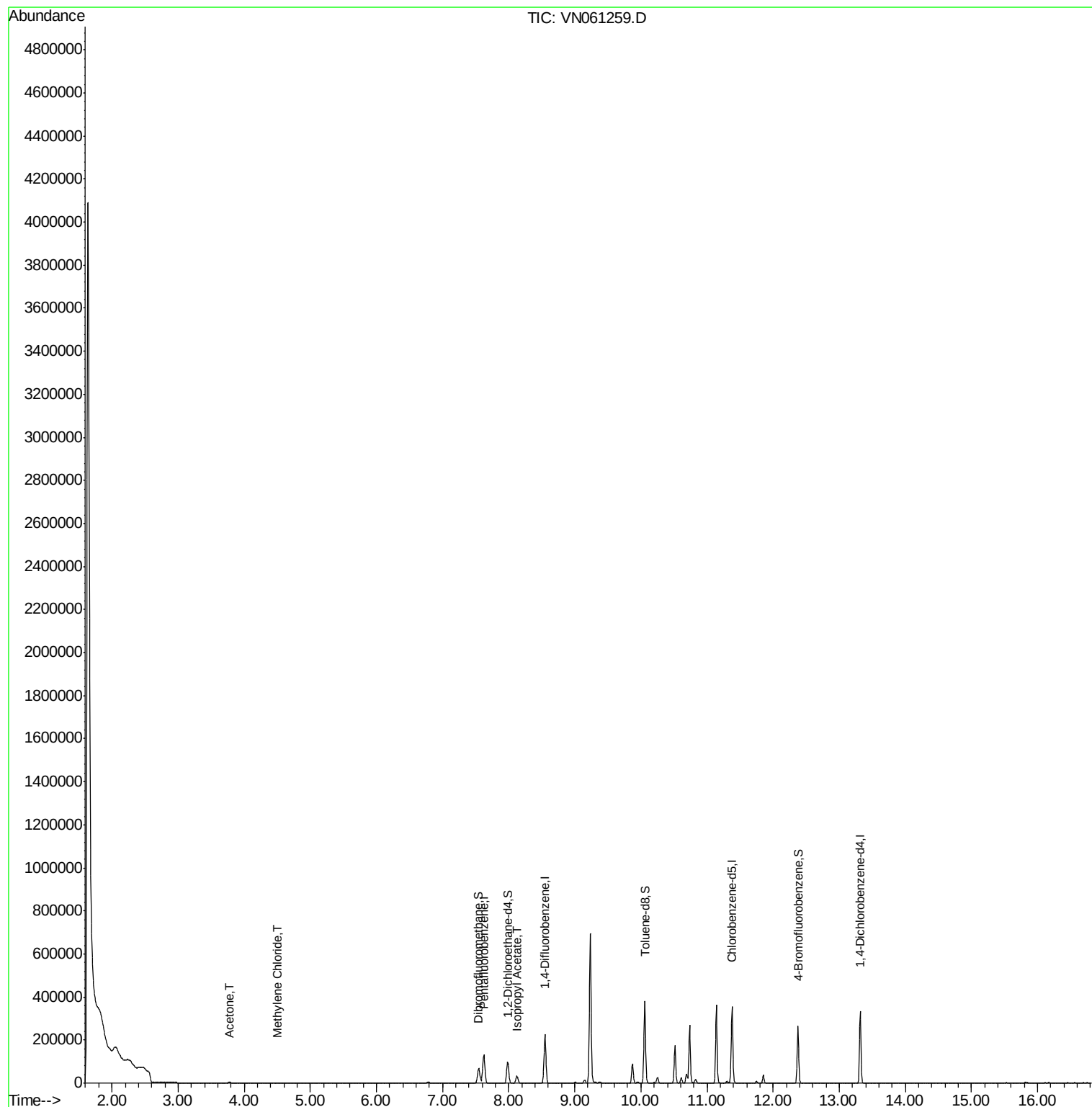
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	102689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	187930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	188702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	81311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	84805	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
35) Dibromofluoromethane	7.54	113	52808	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
50) Toluene-d8	10.06	98	243403	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.46%	
62) 4-Bromofluorobenzene	12.38	95	89607	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
Target Compounds						
16) Acetone	3.78	43	8637	8.405	ug/l	99
20) Methylene Chloride	4.50	84	1297	1.024	ug/l #	83
43) Isopropyl Acetate	8.13	43	38468	10.510	ug/l #	90

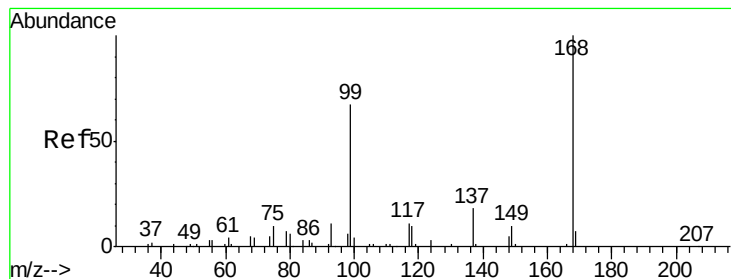
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061259.D

Acq: 2 May 2020 7:45

Instrument :

MSVOA_N

ClientSampleId :

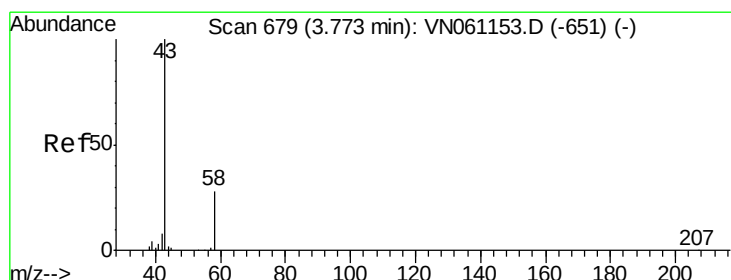
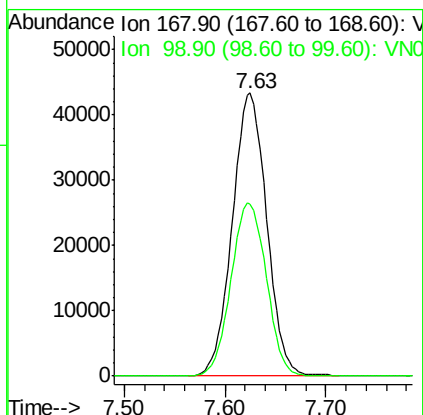
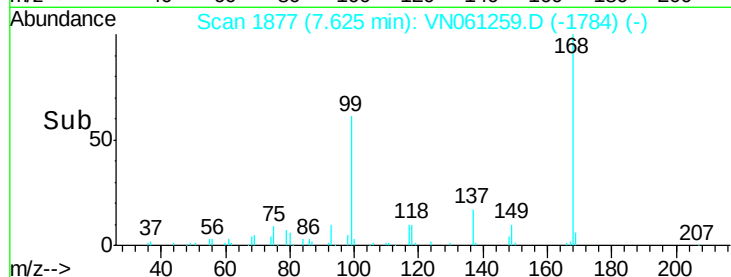
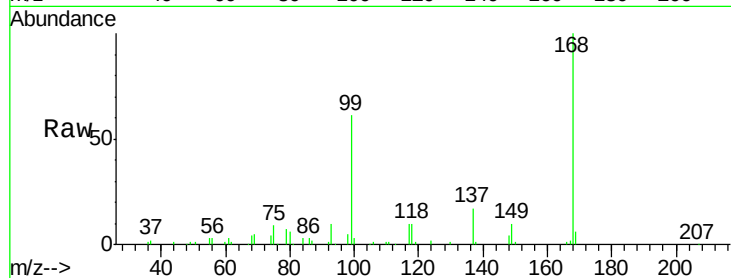
JHDS-SOUTH-D

Tot Ion:168 Resp: 102689

Ion Ratio Lower Upper

168 100

99 60.8 51.2 76.8



#16

Acetone

Concen: 8.405 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061259.D

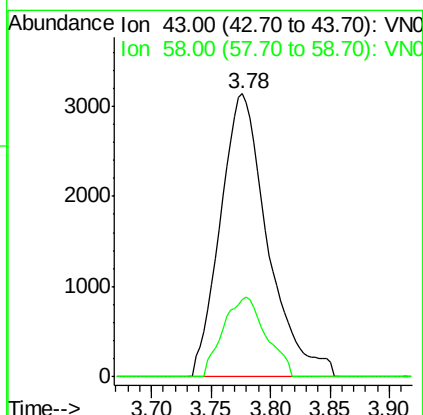
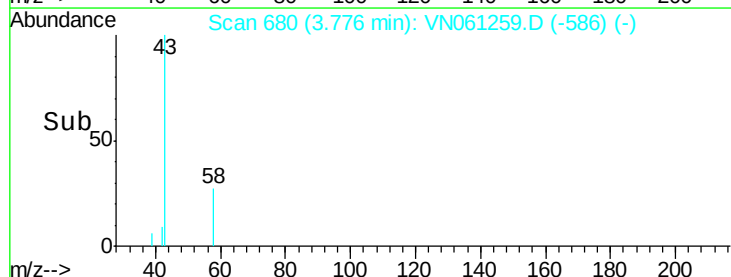
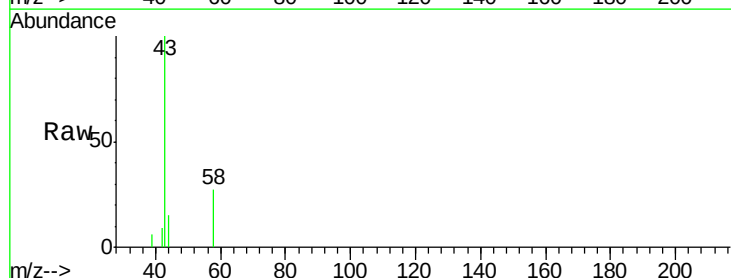
Acq: 2 May 2020 7:45

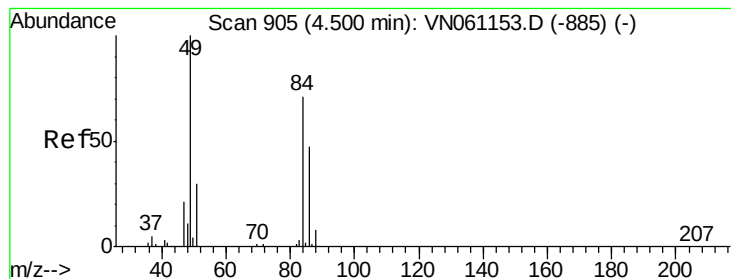
Tgt Ion: 43 Resp: 8637

Ion Ratio Lower Upper

43 100

58 27.4 22.2 33.2





#20

Methvlene Chloride

Concen: 1.024 ug/l

RT: 4.50 min Scan# 905

Delta R.T. 0.00 min

Lab File: VN061259.D

Acq: 2 May 2020 7:45

Instrument :

MSVOA_N

ClientSampleId :

JHDS-SOUTH-D

Tot Ion: 84 Resp: 1297

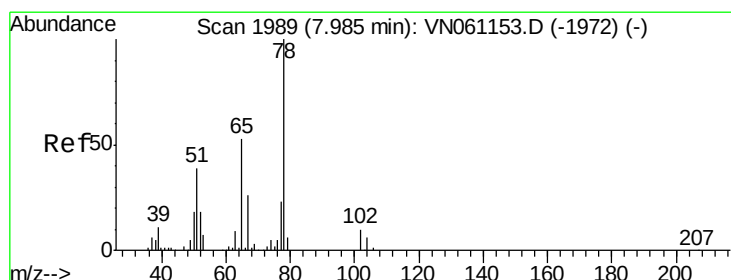
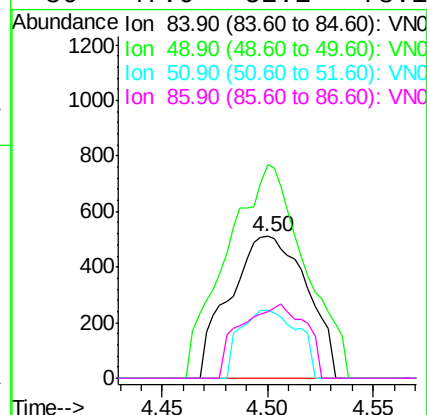
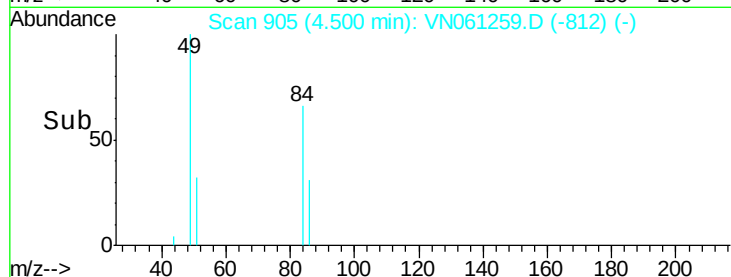
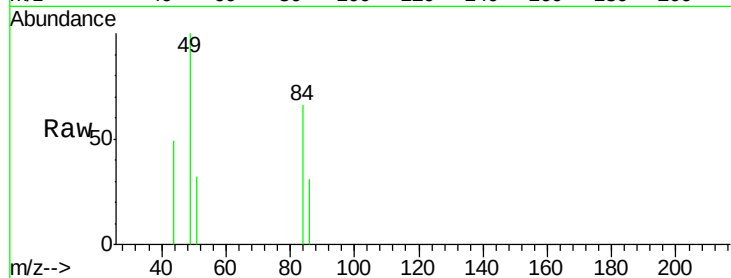
Ion Ratio Lower Upper

84 100

49 120.4 112.0 168.0

51 47.9 33.6 50.4

86 47.0 52.1 78.1#



#33

1,2-Dichloroethane-d4

Concen: 52.192 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061259.D

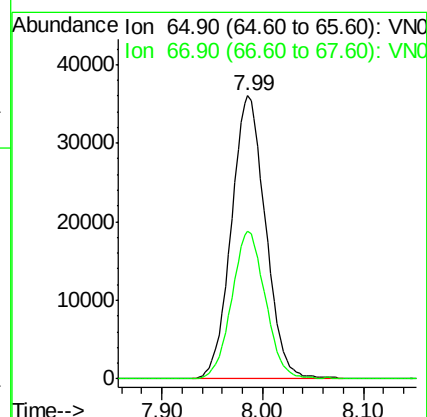
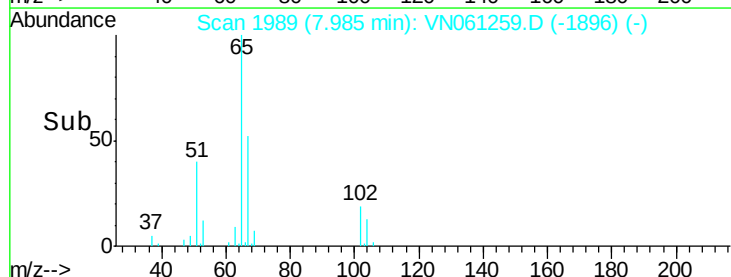
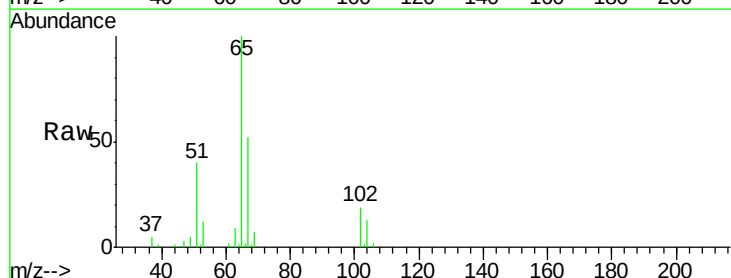
Acq: 2 May 2020 7:45

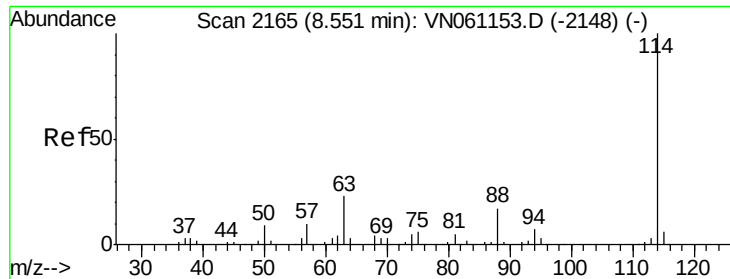
Tgt Ion: 65 Resp: 84805

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.6

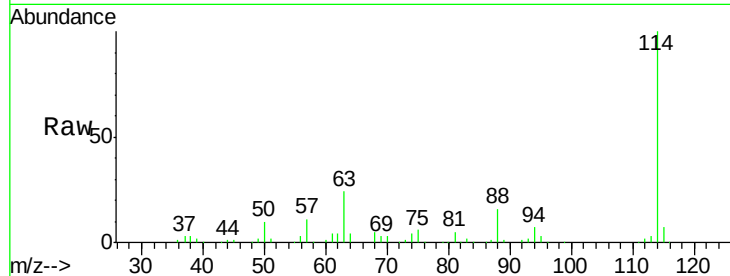




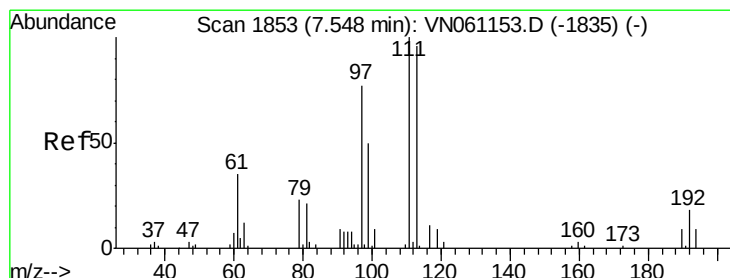
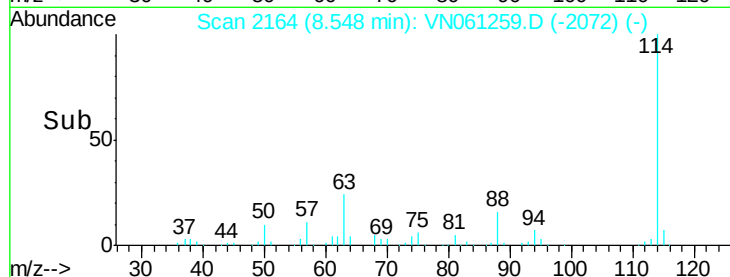
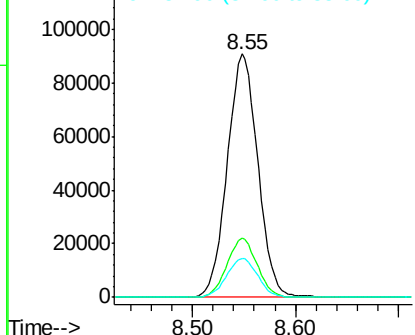
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061259.D
 Acq: 2 May 2020 7:45

Instrument :
 MSVOA_N
 ClientSampleId :
 JHDS-SOUTH-D

Tot Ion:114 Resp: 187930
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 46.6
 88 16.1 0.0 33.4

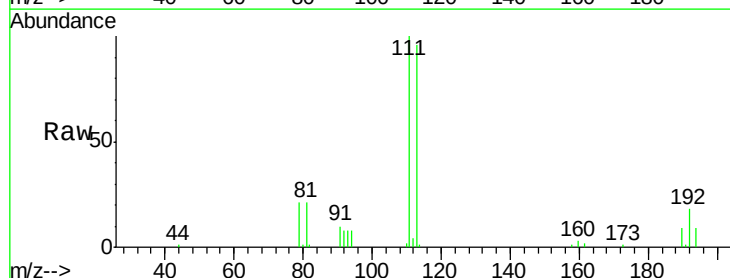


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

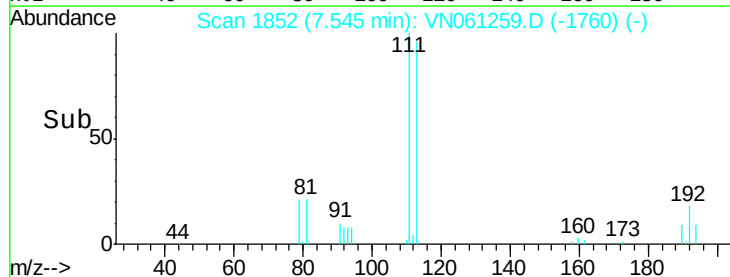
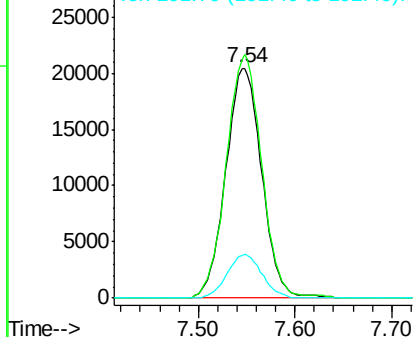


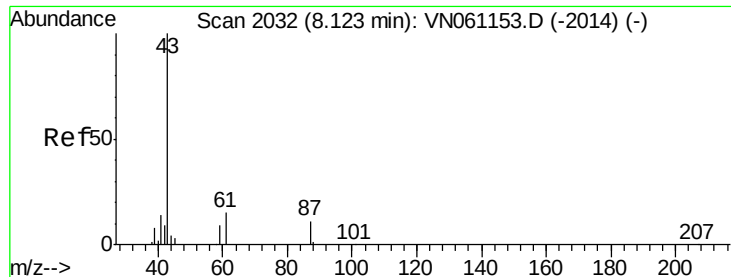
#35
 Dibromofluoromethane
 Concen: 47.520 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061259.D
 Acq: 2 May 2020 7:45

Tgt Ion:113 Resp: 52808
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.9 124.3
 192 18.3 14.7 22.1



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: 10.510 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061259.D

Acq: 2 May 2020 7:45

Instrument :

MSVOA_N

ClientSampleId :

JHDS-SOUTH-D

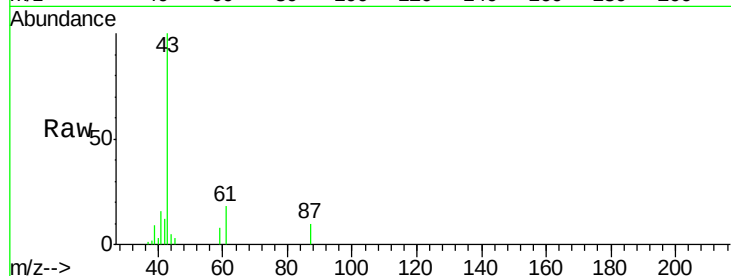
Tot Ion: 43 Resp: 38468

Ion Ratio Lower Upper

43 100

61 17.7 19.5 29.3#

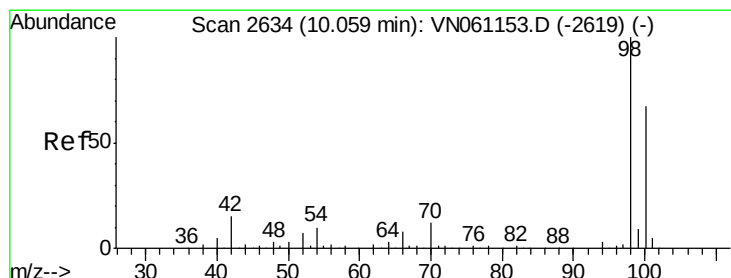
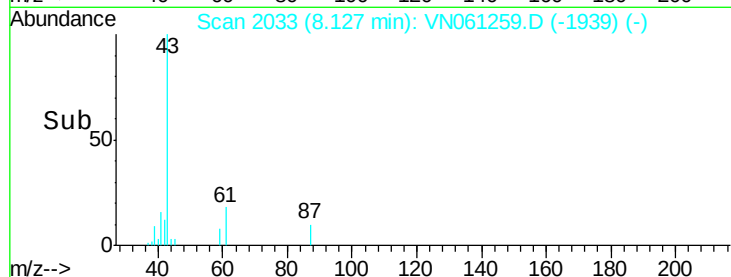
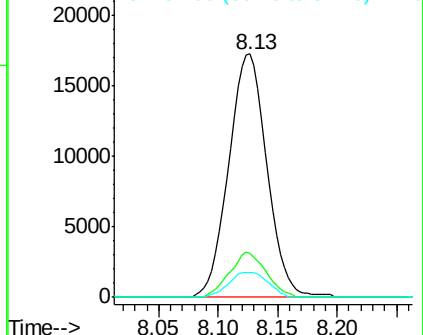
87 10.6 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#50

Toluene-d8

Concen: 53.730 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061259.D

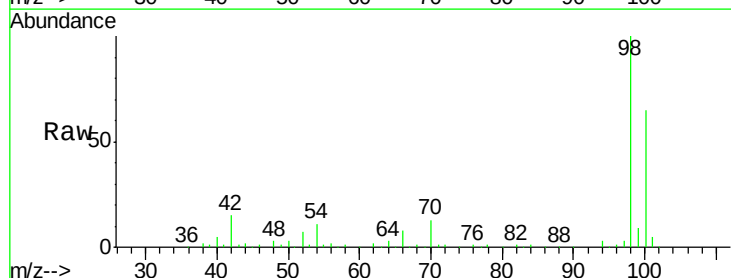
Acq: 2 May 2020 7:45

Tgt Ion: 98 Resp: 243403

Ion Ratio Lower Upper

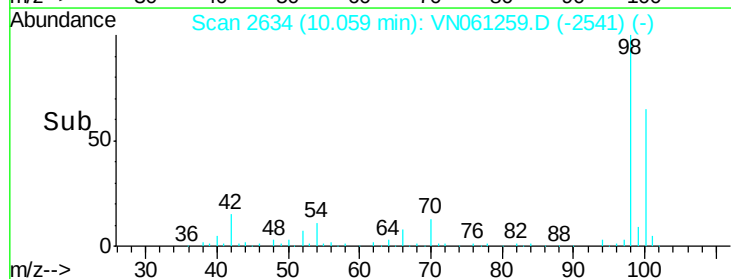
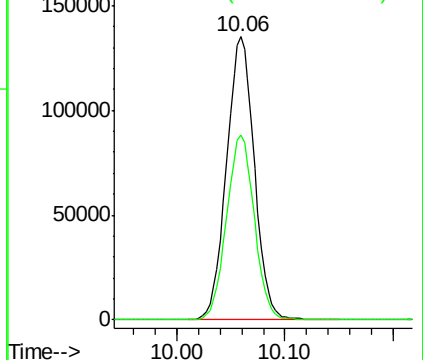
98 100

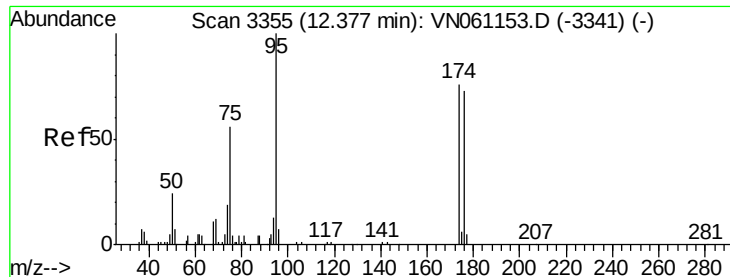
100 65.1 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)

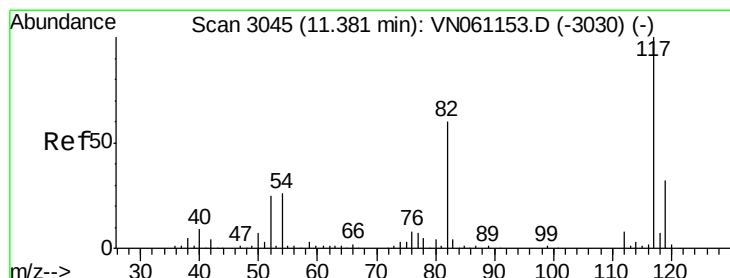
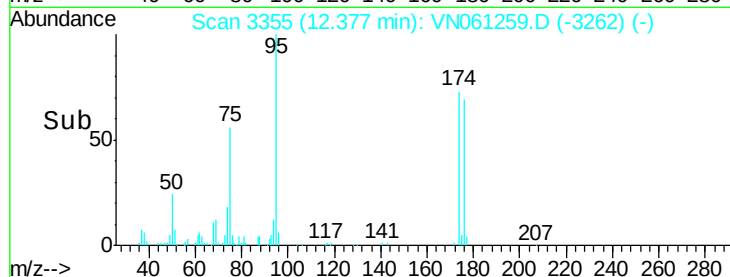
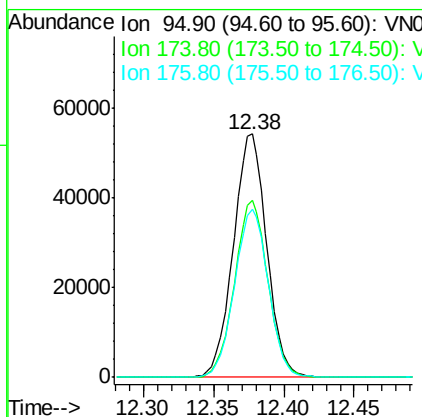
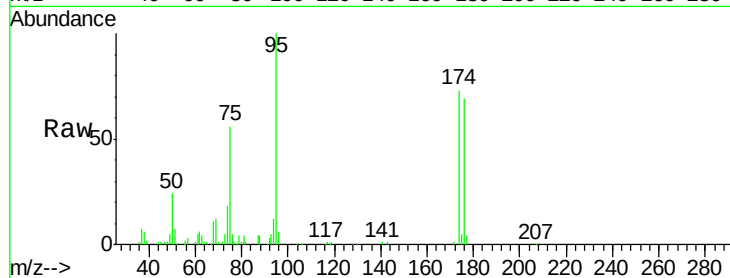




#62
4-Bromofluorobenzene
Concen: 52.563 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061259.D
Acq: 2 May 2020 7:45

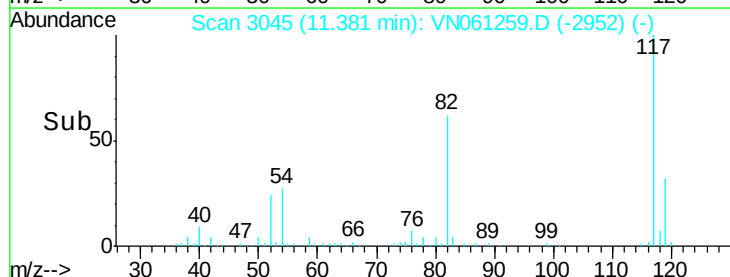
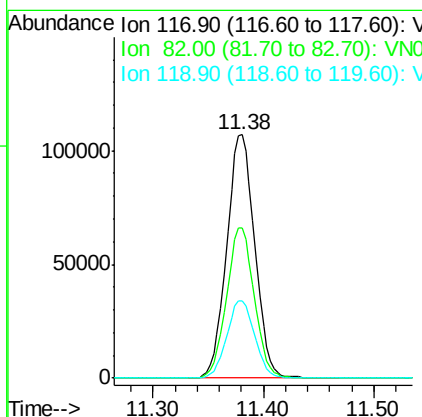
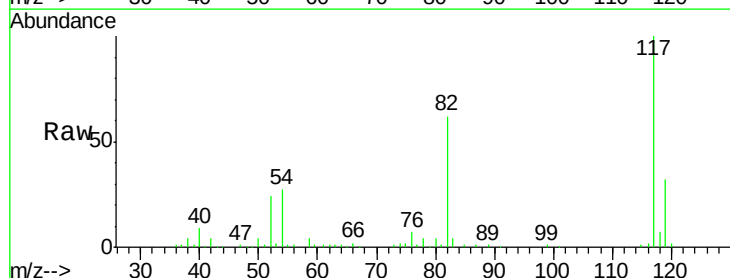
Instrument :
MSVOA_N
ClientSampled :
JHDS-SOUTH-D

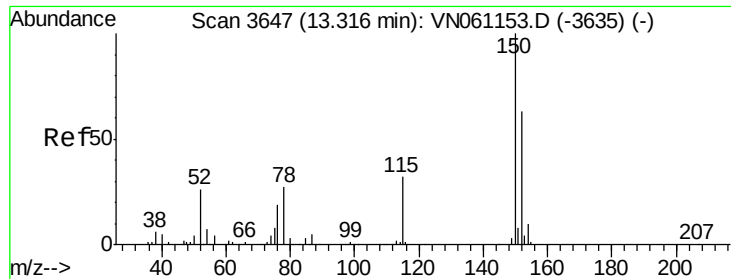
Tot Ion	95	Resp	89607
Ion Ratio	100		
174	72.6	0.0	149.4
176	70.0	0.0	144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061259.D
Acq: 2 May 2020 7:45

Tgt Ion	117	Resp	188702
Ion Ratio	100		
82	61.5	47.8	71.8
119	31.8	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061259.D

Acq: 2 May 2020 7:45

Instrument :

MSVOA_N

ClientSampleId :

JHDS-SOUTH-D

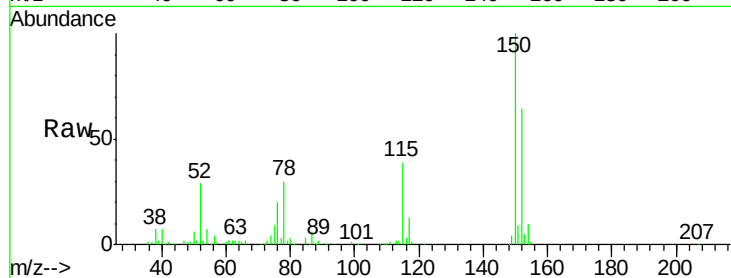
Tot Ion:152 Resp: 81311

Ion Ratio Lower Upper

152 100

115 61.7 31.0 93.0

150 156.6 0.0 351.8



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

