

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081420\
 Data File : VN062956.D
 Acq On : 15 Aug 2020 00:35
 Operator : JC/MD
 Sample : L3682-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20200513-2801-A

Quant Time: Aug 17 10:19:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

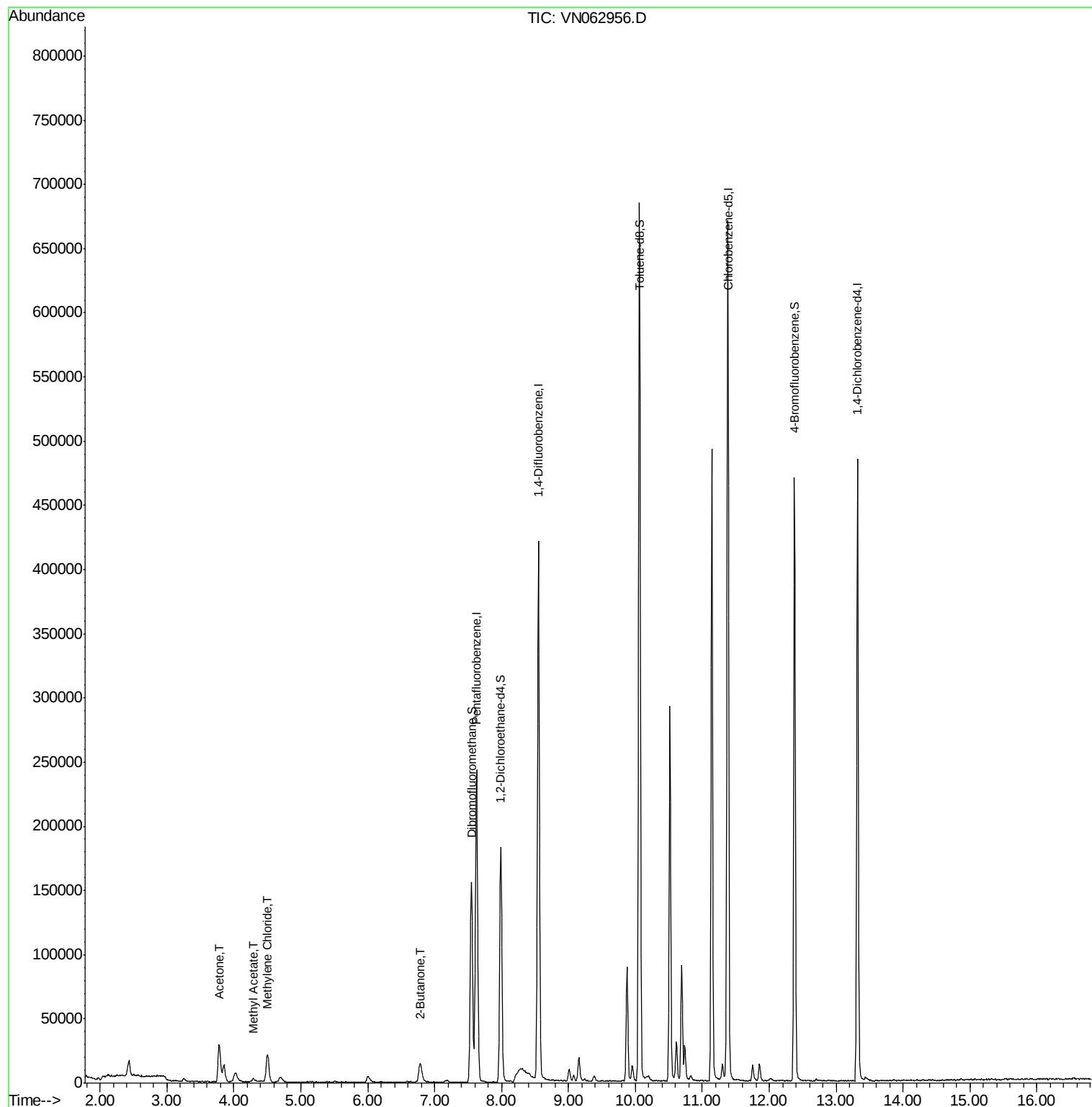
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	191709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	353066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	377519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127283	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	159543	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
35) Dibromofluoromethane	7.55	113	123122	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
50) Toluene-d8	10.06	98	465382	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.38	95	161012	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
Target Compounds						
16) Acetone	3.78	43	51632	45.072	ug/l	99
18) Methyl Acetate	4.29	43	5965	1.097	ug/l #	74
20) Methylene Chloride	4.50	84	16026	6.991	ug/l	97
25) 2-Butanone	6.80	43	11895	7.332	ug/l	92

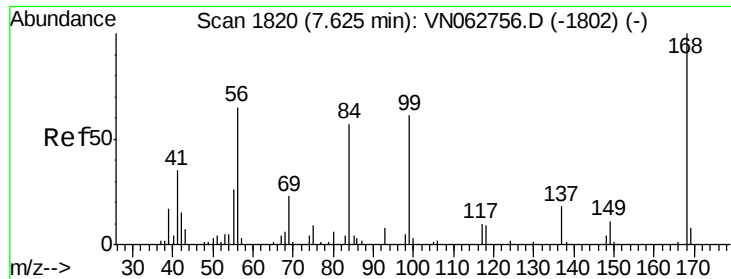
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062956.D

Acq: 15 Aug 2020 00:35

Instrument :

MSVOA_N

ClientSampleId :

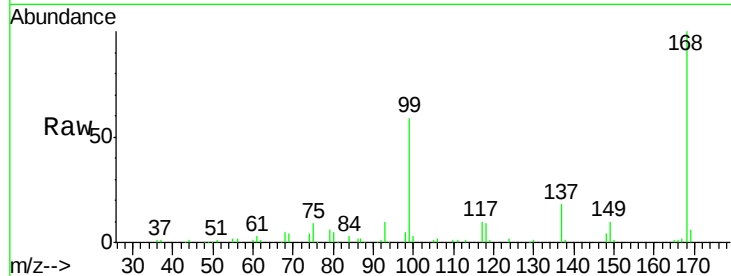
20200513-2801-A

Tot Ion:168 Resp: 191709

Ion Ratio Lower Upper

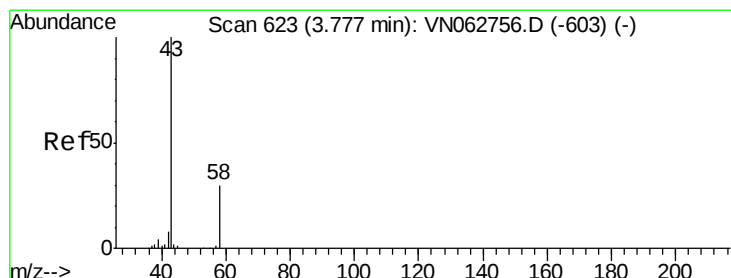
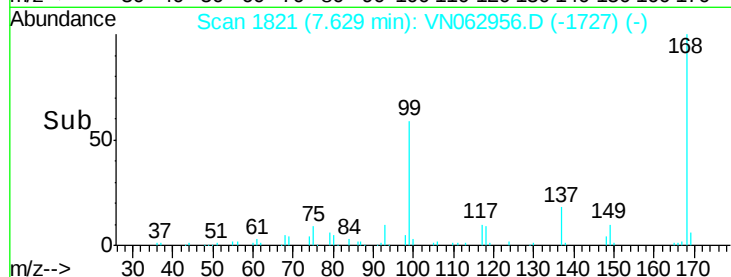
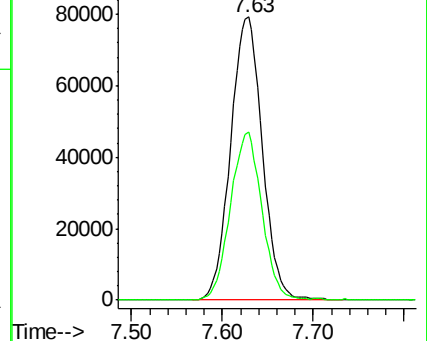
168 100

99 59.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 45.072 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062956.D

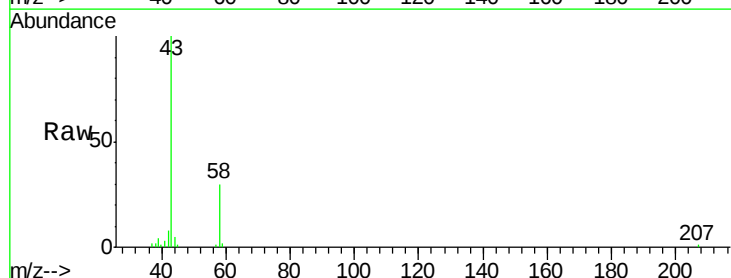
Acq: 15 Aug 2020 00:35

Tgt Ion: 43 Resp: 51632

Ion Ratio Lower Upper

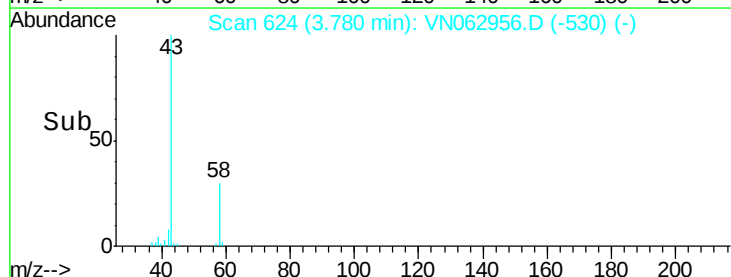
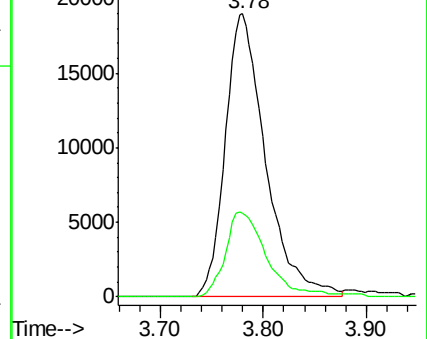
43 100

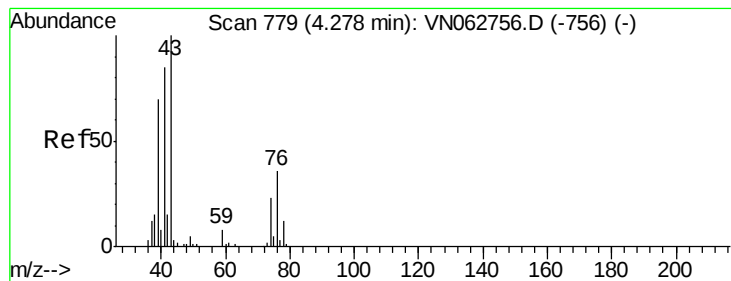
58 29.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#18

Methyl Acetate

Concen: 1.097 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.01 min

Lab File: VN062956.D

Acq: 15 Aug 2020 00:35

Instrument :

MSVOA_N

ClientSampleId :

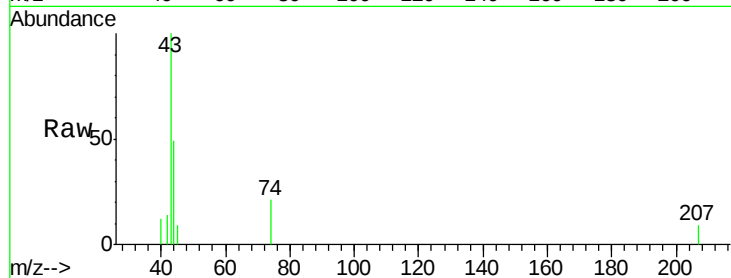
20200513-2801-A

Tot Ion: 43 Resp: 5965

Ion Ratio Lower Upper

43 100

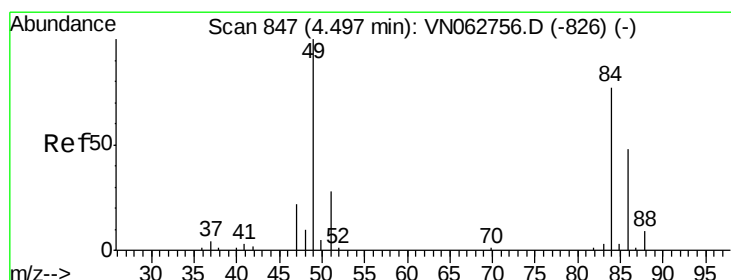
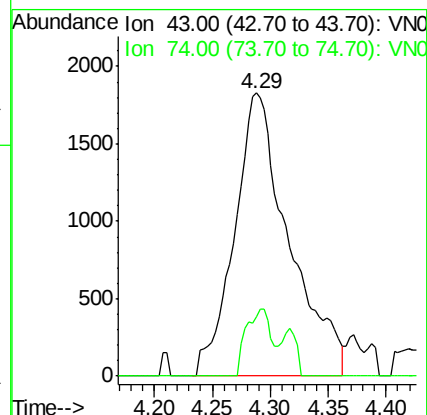
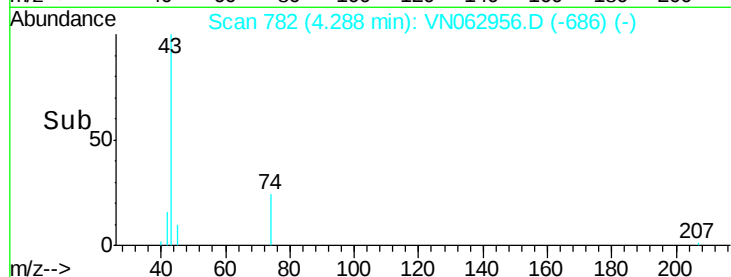
74 10.5 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-756) (-)

Ion 74.00 (73.70 to 74.70): VN062756.D (-756) (-)

Time-->



#20

Methylene Chloride

Concen: 6.991 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.01 min

Lab File: VN062956.D

Acq: 15 Aug 2020 00:35

Tgt Ion: 84 Resp: 16026

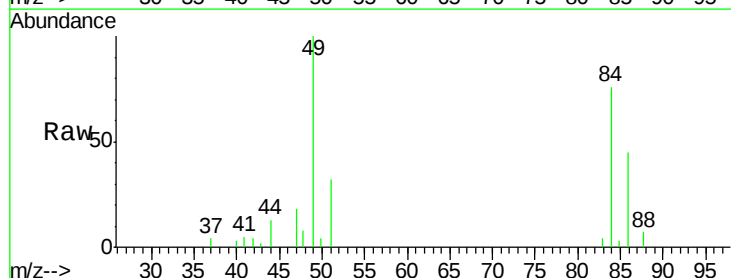
Ion Ratio Lower Upper

84 100

49 131.0 103.4 155.2

51 41.4 29.3 43.9

86 58.6 49.9 74.9



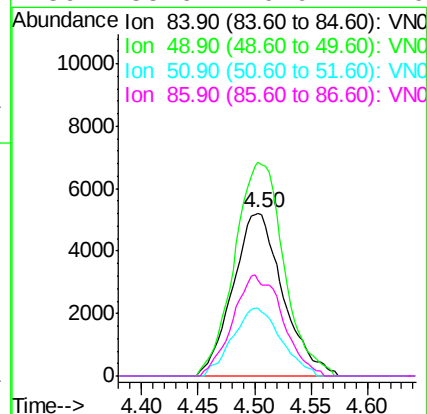
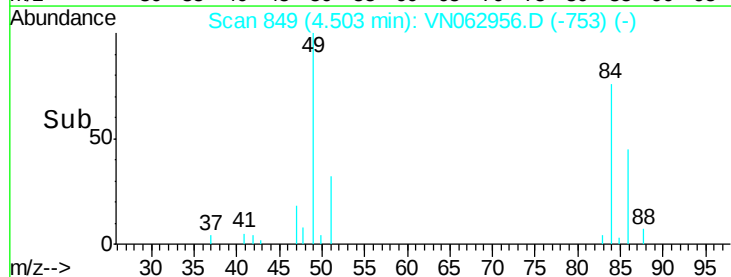
Abundance Ion 83.90 (83.60 to 84.60): VN062756.D (-826) (-)

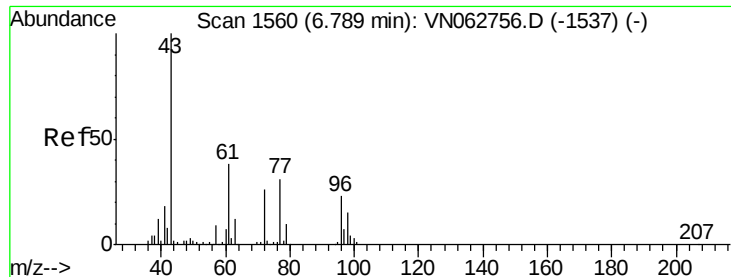
Ion 48.90 (48.60 to 49.60): VN062756.D (-826) (-)

Ion 50.90 (50.60 to 51.60): VN062756.D (-826) (-)

Ion 85.90 (85.60 to 86.60): VN062756.D (-826) (-)

Time-->

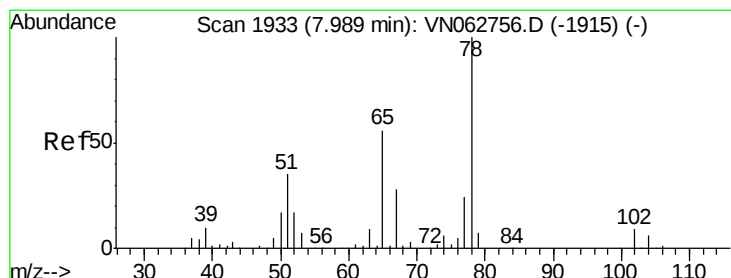
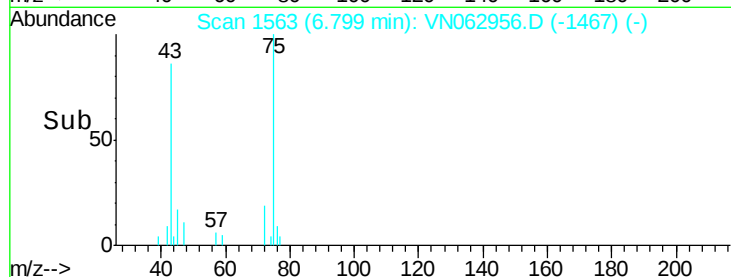
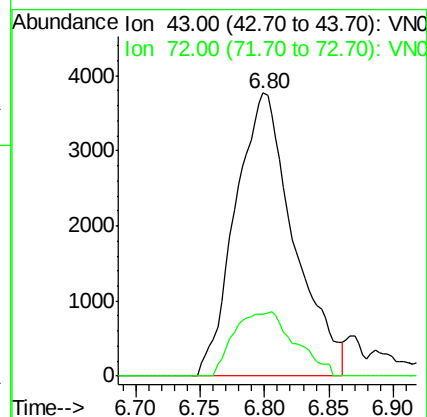
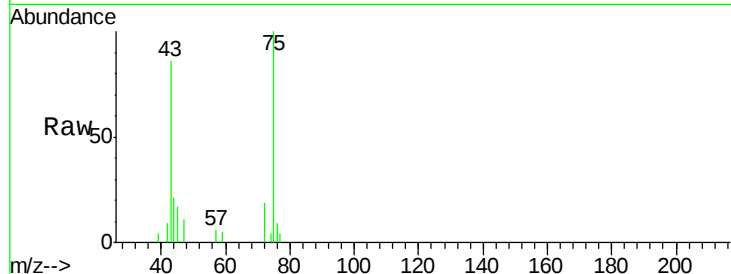




#25
2-Butanone
Concen: 7.332 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.01 min
Lab File: VN062956.D
Acq: 15 Aug 2020 00:35

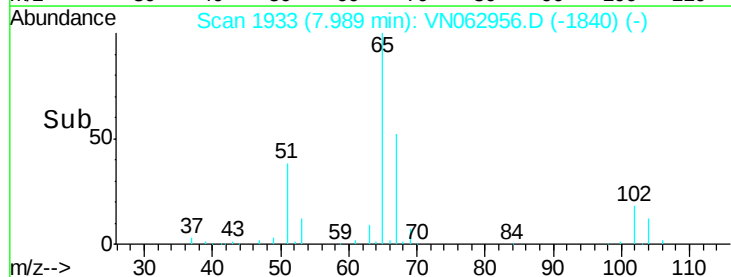
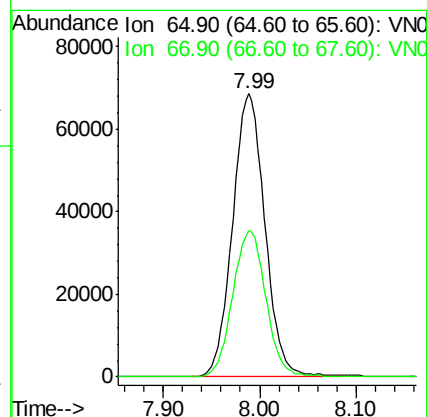
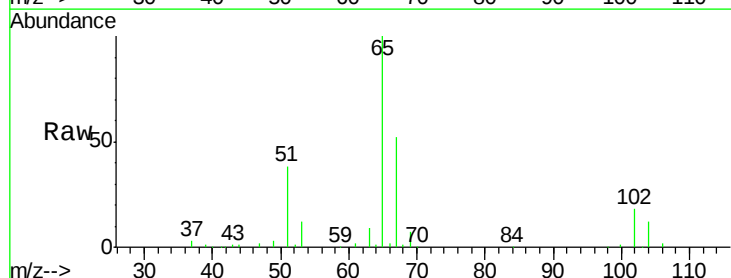
Instrument :
MSVOA_N
ClientSampleId :
20200513-2801-A

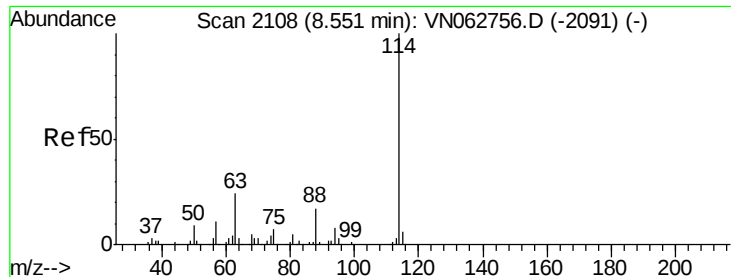
Tot Ion: 43 Resp: 11895
Ion Ratio Lower Upper
43 100
72 22.1 21.1 31.7



#33
1,2-Dichloroethane-d4
Concen: 50.325 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062956.D
Acq: 15 Aug 2020 00:35

Tgt Ion: 65 Resp: 159543
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.4

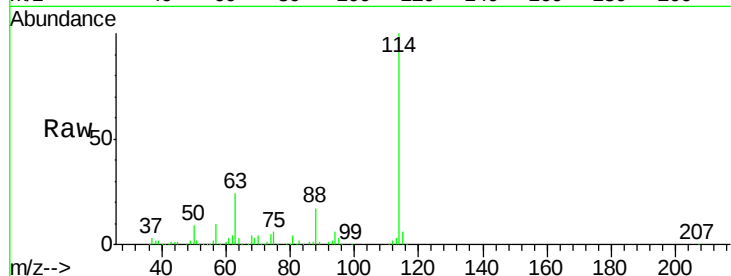




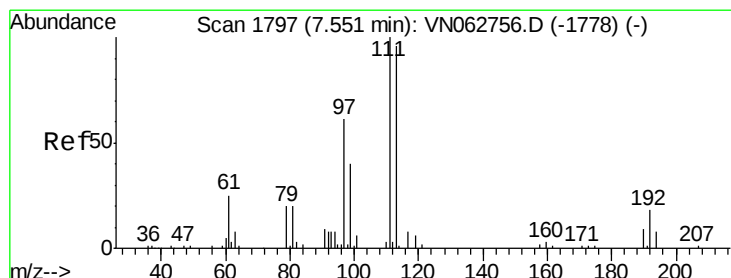
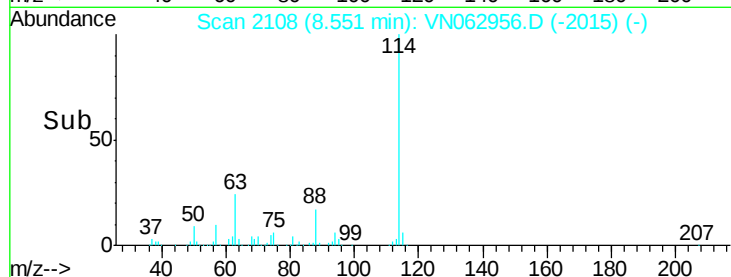
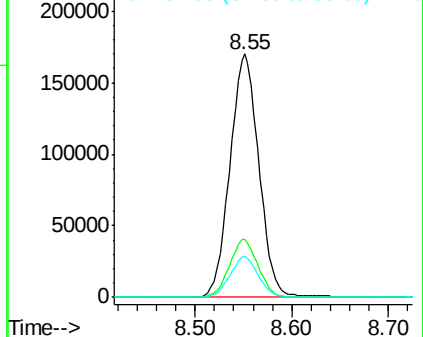
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062956.D
 Acq: 15 Aug 2020 00:35

Instrument :
 MSVOA_N
 ClientSampleId :
 20200513-2801-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	47.6
88	17.0	0.0	34.4

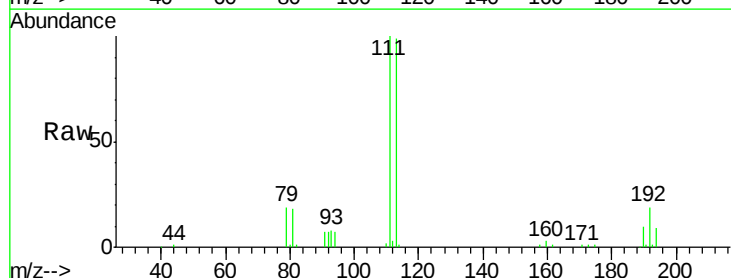


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

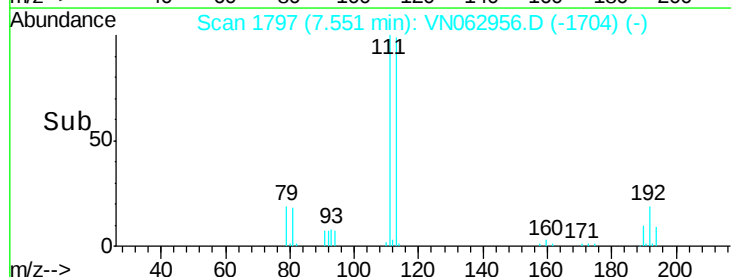
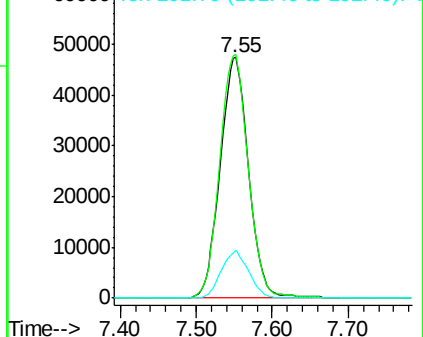


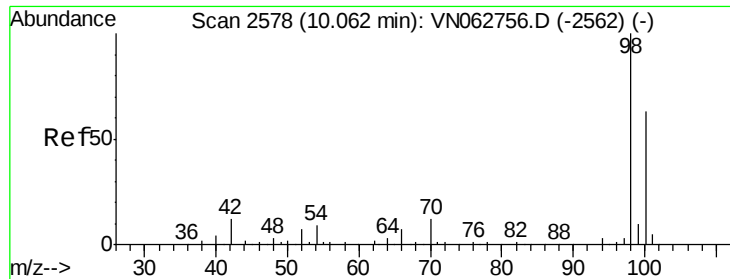
#35
 Dibromofluoromethane
 Concen: 50.979 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062956.D
 Acq: 15 Aug 2020 00:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.8	122.6
192	19.0	15.0	22.4



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





#50

Toluene-d8

Concen: 49.356 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062956.D

Acq: 15 Aug 2020 00:35

Instrument :

MSVOA_N

ClientSampleId :

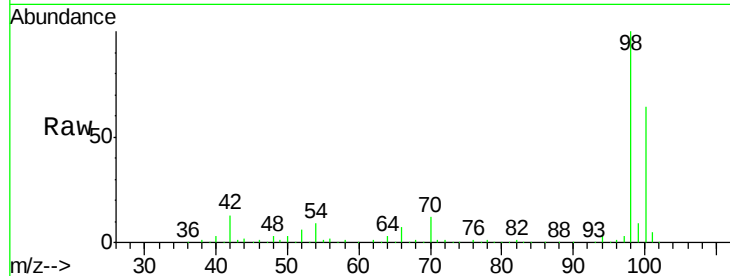
20200513-2801-A

Tot Ion: 98 Resp: 465382

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062756.D (-2562) (-)

10.06

250000

200000

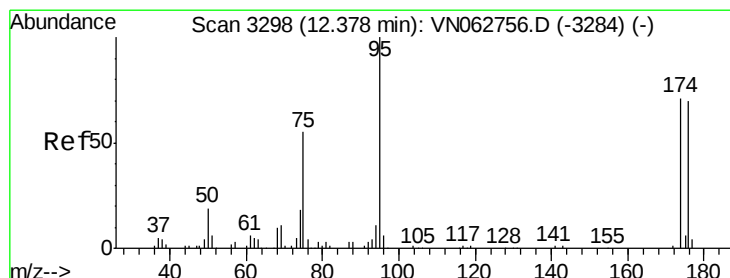
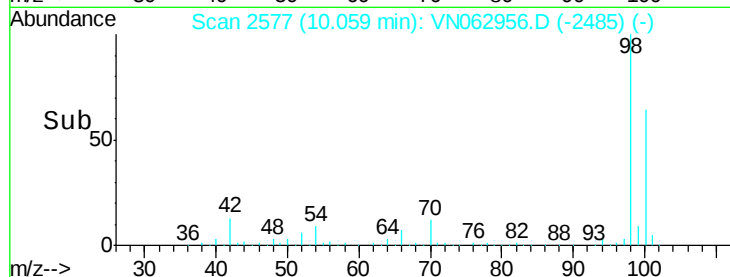
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.187 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062956.D

Acq: 15 Aug 2020 00:35

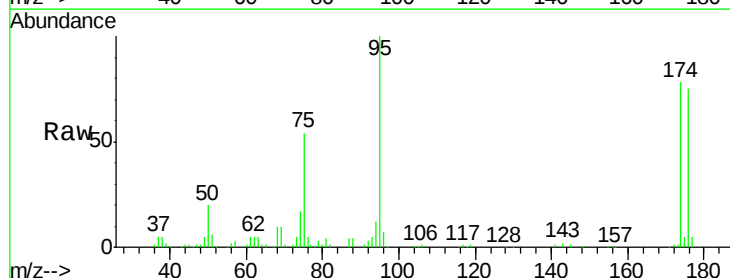
Tgt Ion: 95 Resp: 161012

Ion Ratio Lower Upper

95 100

174 76.8 0.0 144.8

176 74.9 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)

12.38

120000

100000

80000

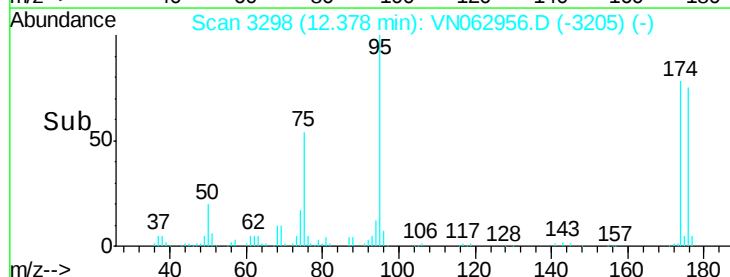
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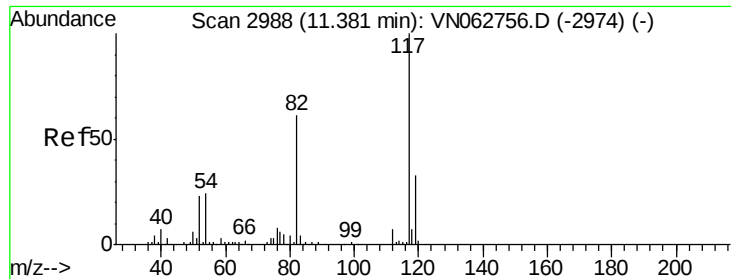
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20000

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Time-->

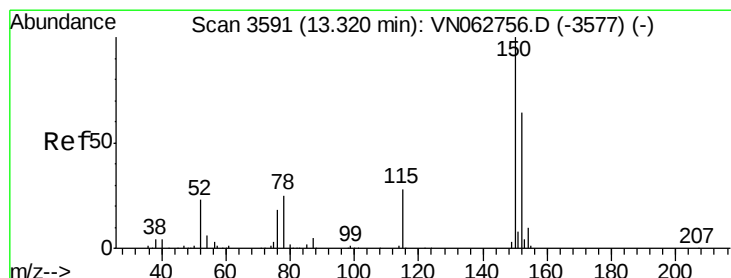
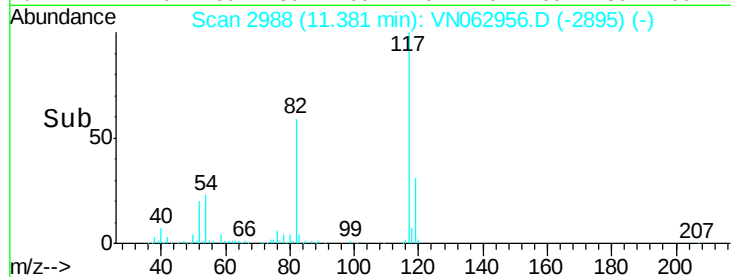
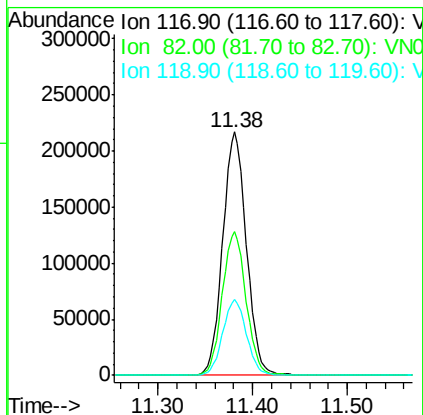
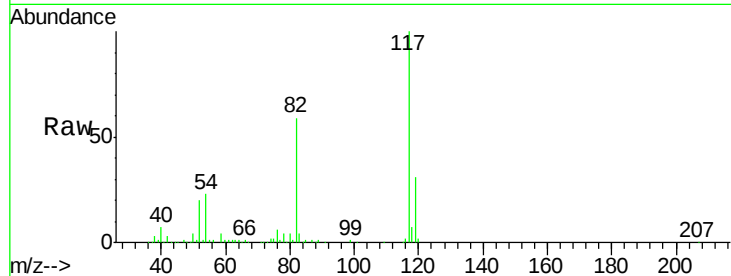




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062956.D
Acq: 15 Aug 2020 00:35

Instrument :
MSVOA_N
ClientSampleId :
20200513-2801-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	49.0	73.4
119	31.0	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062956.D
Acq: 15 Aug 2020 00:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	31.6	94.8
150	158.1	0.0	349.2

