

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081420\
 Data File : VN062963.D
 Acq On : 15 Aug 2020 3:24
 Operator : JC/MD
 Sample : L3682-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20200515-2801-C

Quant Time: Aug 17 10:35:31 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

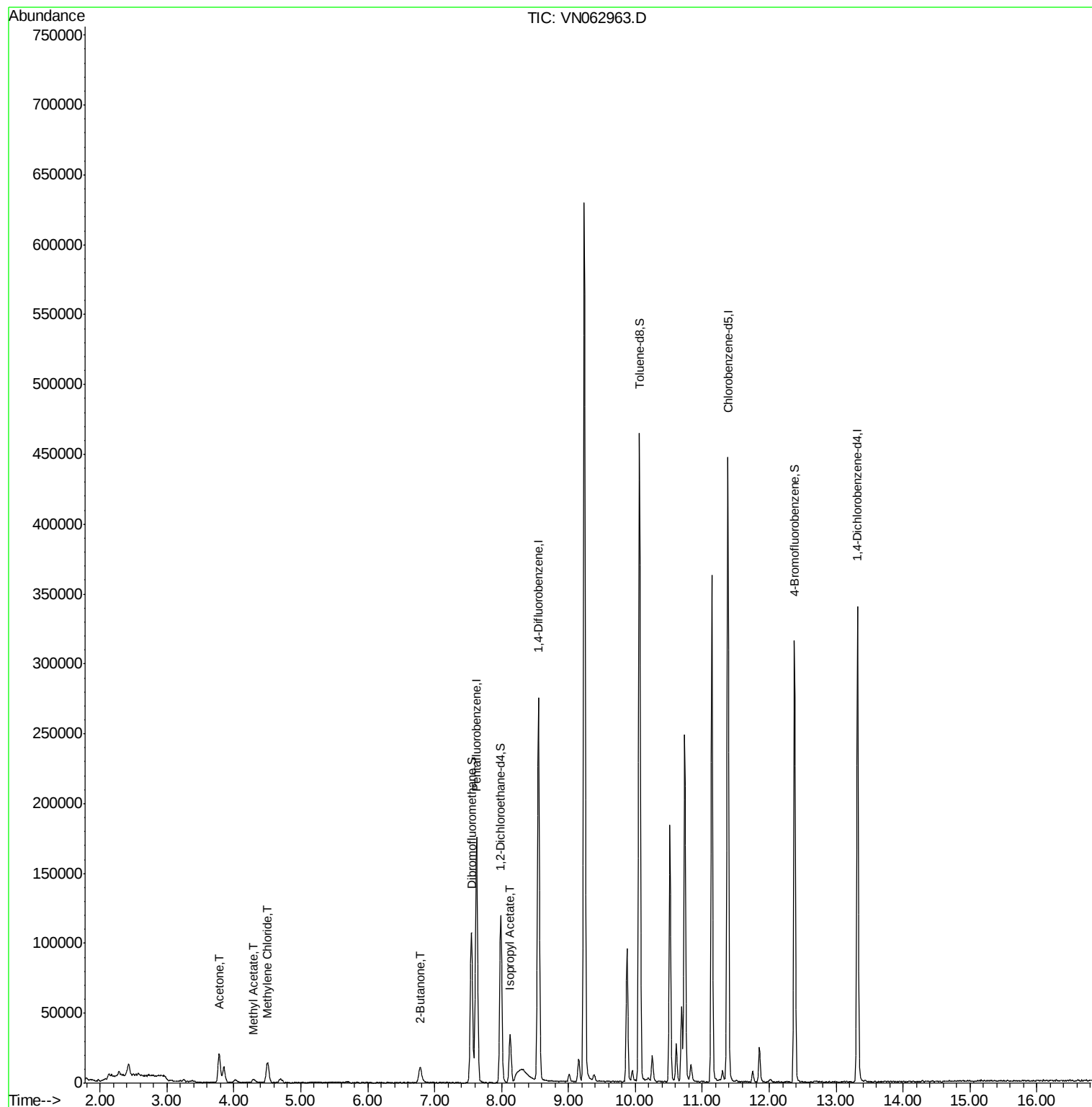
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	132416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	237592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	250932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	90396	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	112920	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
35) Dibromofluoromethane	7.55	113	80087	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
50) Toluene-d8	10.06	98	318803	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.38	95	112235	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
Target Compounds						
16) Acetone	3.78	43	35138	44.409	ug/l	97
18) Methyl Acetate	4.29	43	5071	1.617	ug/l #	70
20) Methylene Chloride	4.51	84	11655	7.401	ug/l	91
25) 2-Butanone	6.80	43	7803	6.963	ug/l	99
43) Isopropyl Acetate	8.13	43	40657	10.086	ug/l	98

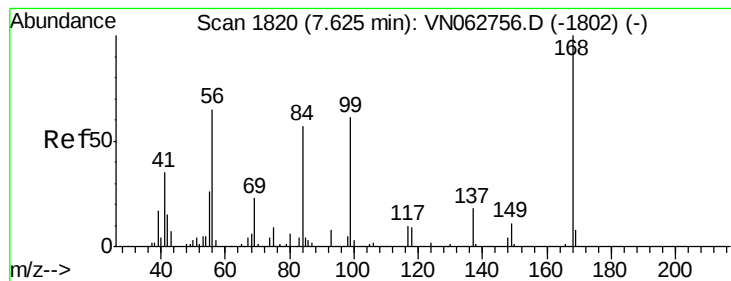
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1820

Delta R.T. -0.00 min

Lab File: VN062963.D

Acq: 15 Aug 2020 3:24

Instrument :

MSVOA_N

ClientSampleId :

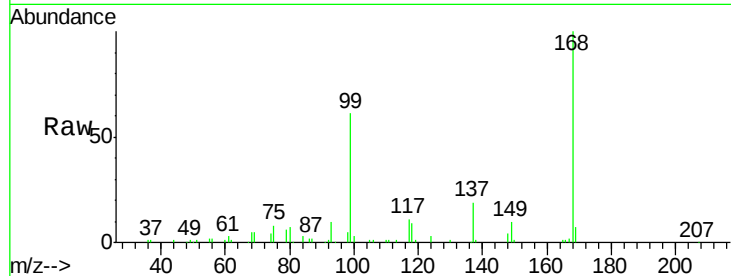
20200515-2801-C

Tot Ion:168 Resp: 132416

Ion Ratio Lower Upper

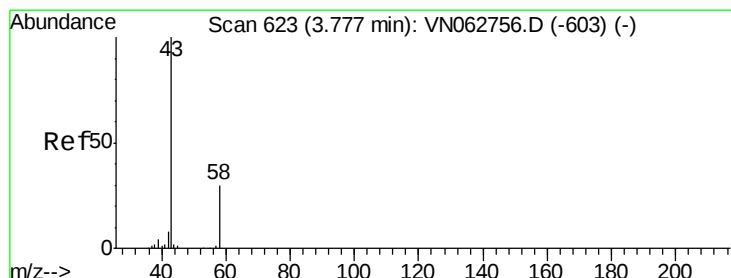
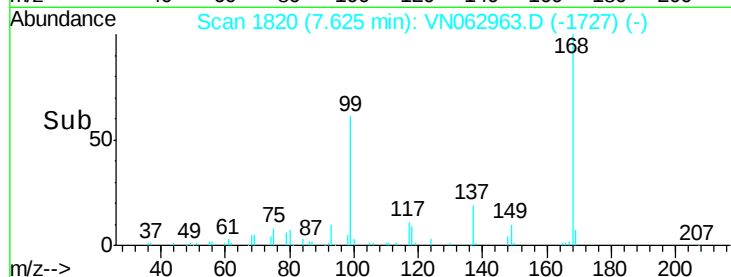
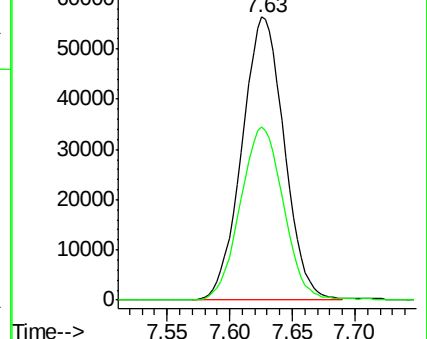
168 100

99 61.2 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: 44.409 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062963.D

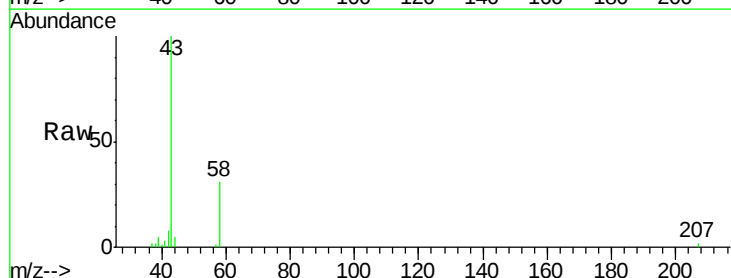
Acq: 15 Aug 2020 3:24

Tgt Ion: 43 Resp: 35138

Ion Ratio Lower Upper

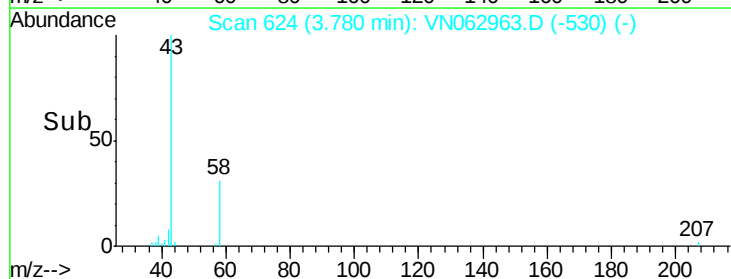
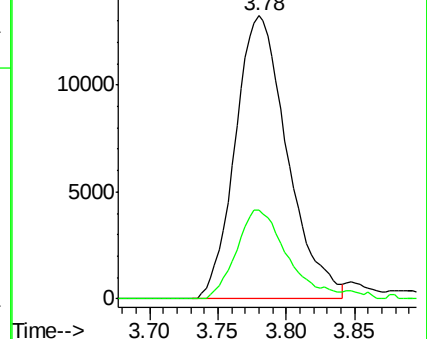
43 100

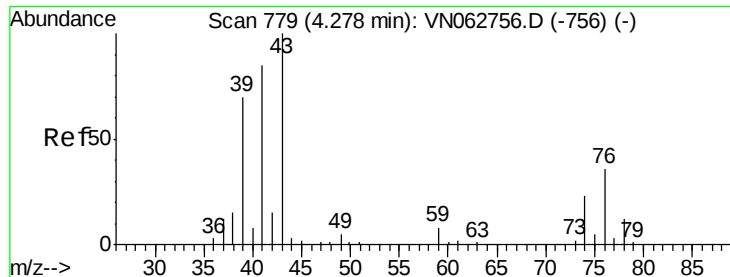
58 31.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

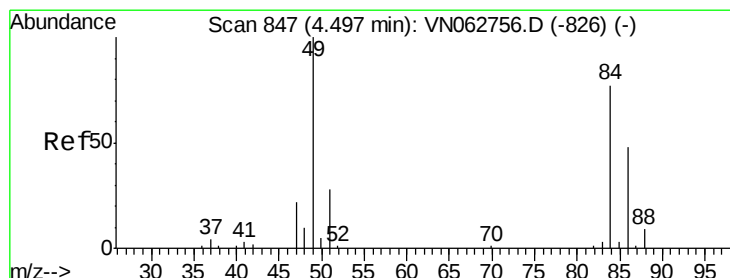
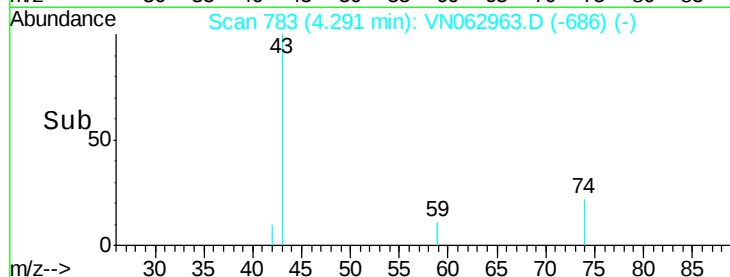
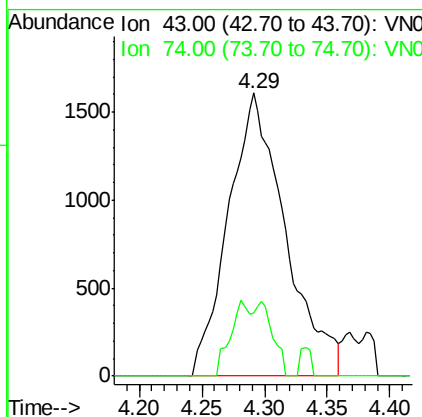
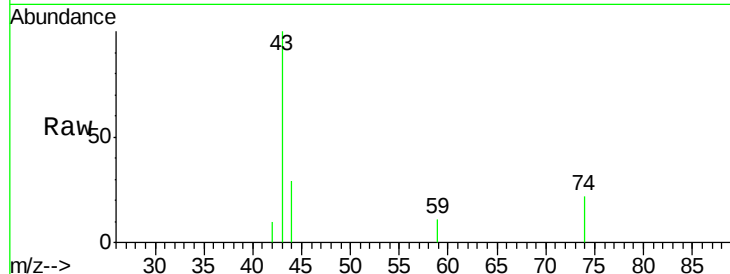




#18
Methyl Acetate
Concen: 1.617 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.01 min
Lab File: VN062963.D
Acq: 15 Aug 2020 3:24

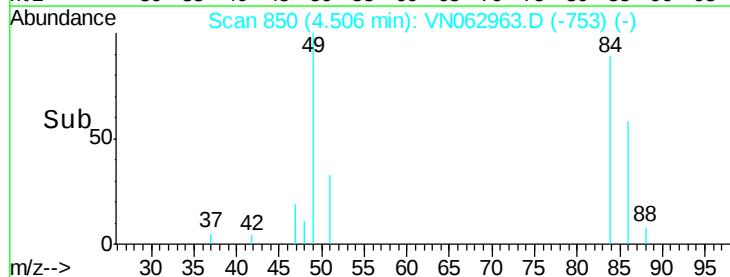
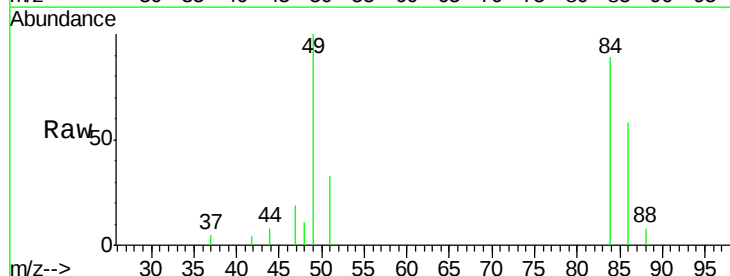
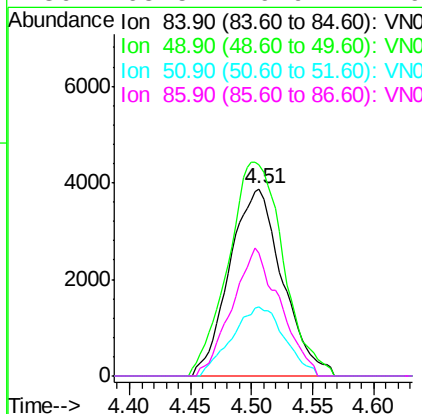
Instrument :
MSVOA_N
ClientSampleId :
20200515-2801-C

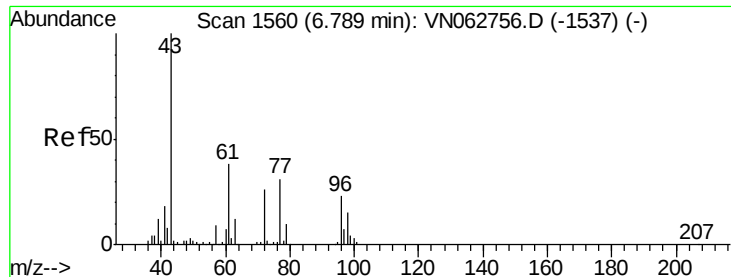
Tot Ion: 43 Resp: 5071
Ion Ratio Lower Upper
43 100
74 8.9 18.6 28.0#



#20
Methylene Chloride
Concen: 7.401 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062963.D
Acq: 15 Aug 2020 3:24

Tgt Ion: 84 Resp: 11655
Ion Ratio Lower Upper
84 100
49 112.8 103.4 155.2
51 37.1 29.3 43.9
86 65.5 49.9 74.9

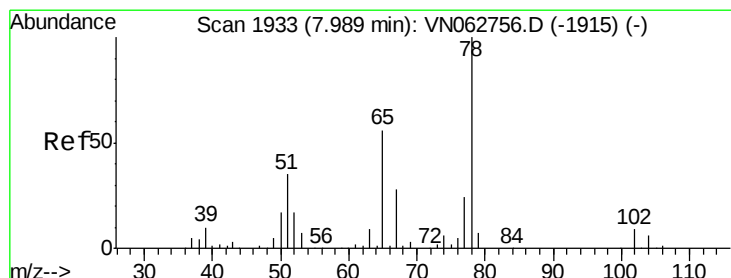
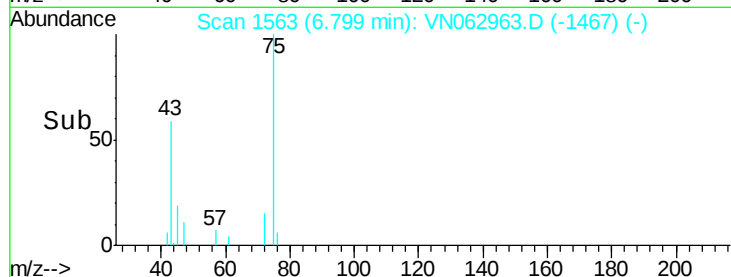
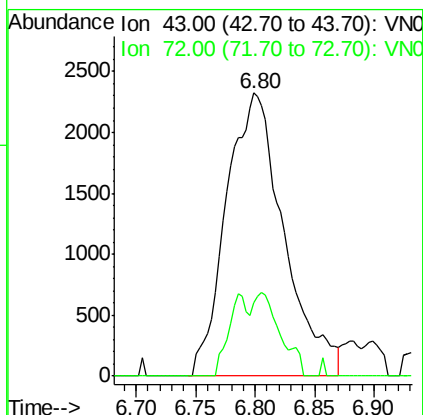
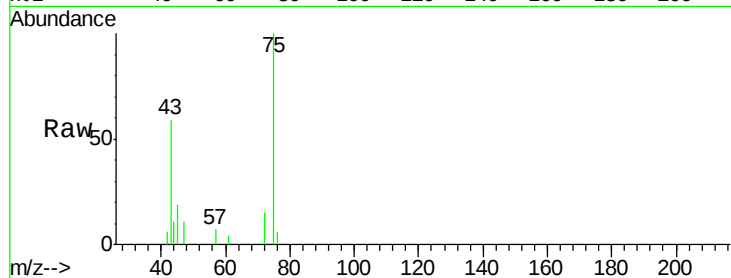




#25
2-Butanone
Concen: 6.963 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.01 min
Lab File: VN062963.D
Acq: 15 Aug 2020 3:24

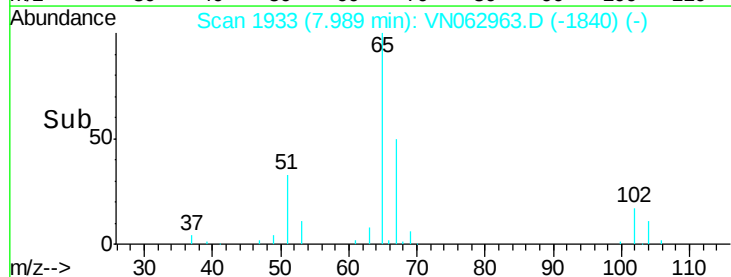
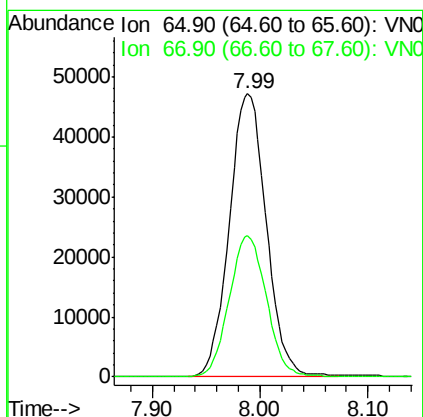
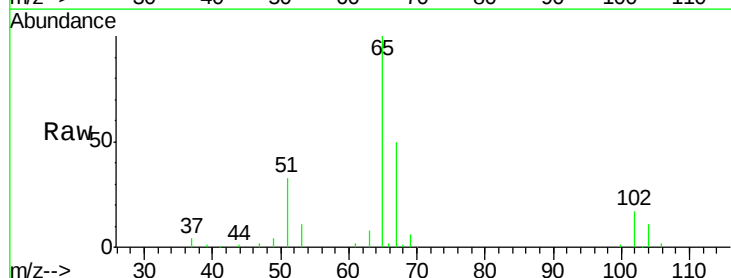
Instrument :
MSVOA_N
ClientSampleId :
20200515-2801-C

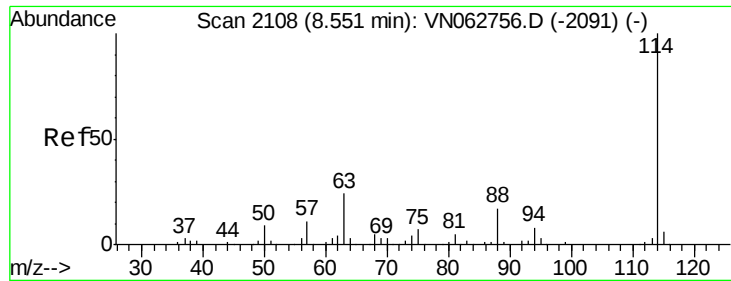
Tot Ion: 43 Resp: 7803
Ion Ratio Lower Upper
43 100
72 25.8 21.1 31.7



#33
1,2-Dichloroethane-d4
Concen: 51.568 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062963.D
Acq: 15 Aug 2020 3:24

Tgt Ion: 65 Resp: 112920
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.4

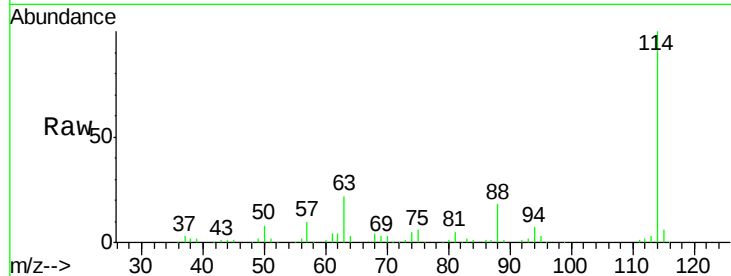




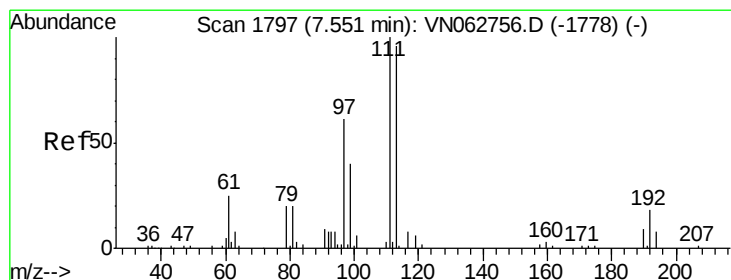
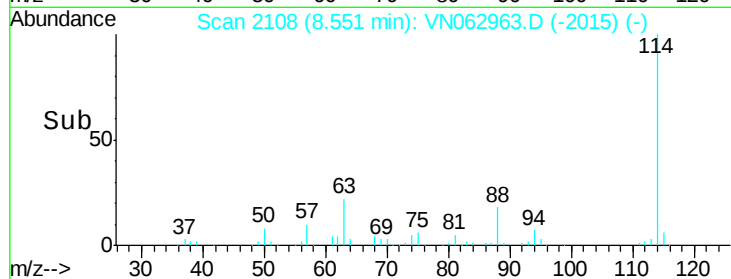
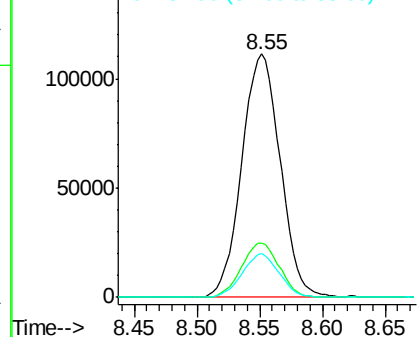
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062963.D
Acq: 15 Aug 2020 3:24

Instrument :
MSVOA_N
ClientSampleId :
20200515-2801-C

Tot Ion:114 Resp: 237592
Ion Ratio Lower Upper
114 100
63 22.4 0.0 47.6
88 17.8 0.0 34.4

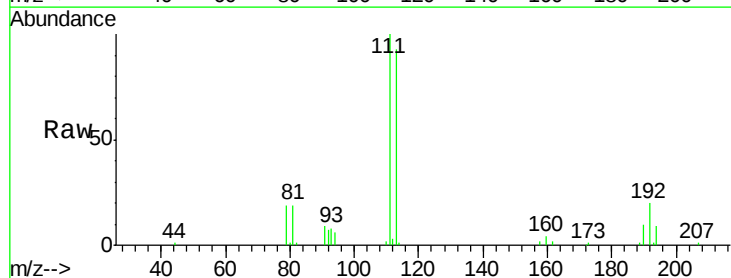


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

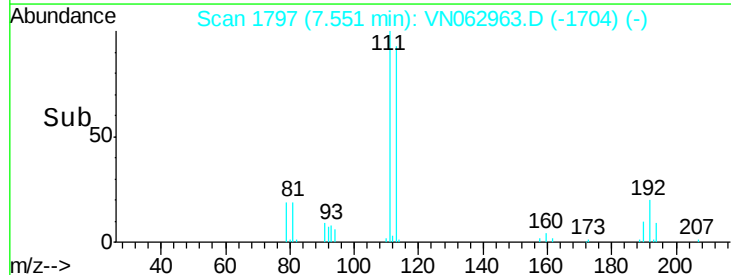
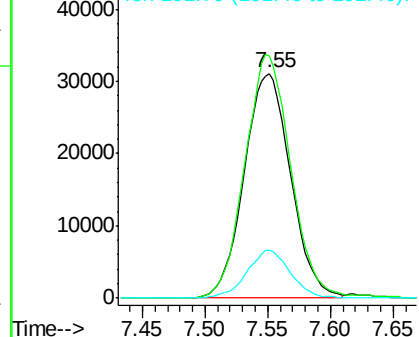


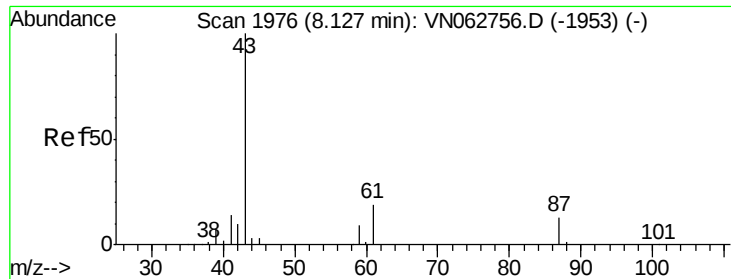
#35
Dibromofluoromethane
Concen: 49.276 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN062963.D
Acq: 15 Aug 2020 3:24

Tgt Ion:113 Resp: 80087
Ion Ratio Lower Upper
113 100
111 106.7 81.8 122.6
192 20.0 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





#43

Isopropyl Acetate

Concen: 10.086 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062963.D

Acq: 15 Aug 2020 3:24

Instrument :

MSVOA_N

ClientSampleId :

20200515-2801-C

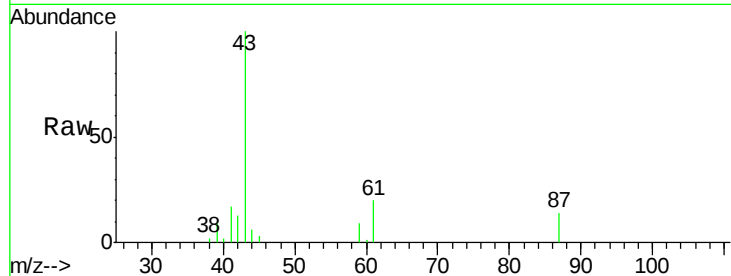
Tot Ion: 43 Resp: 40657

Ion Ratio Lower Upper

43 100

61 19.1 15.8 23.6

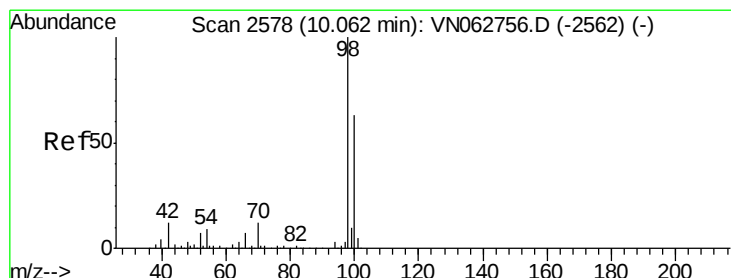
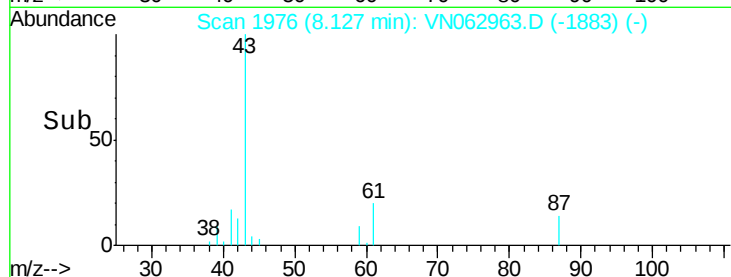
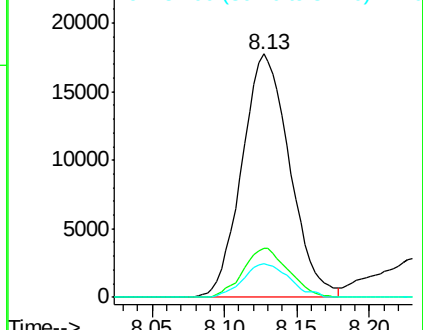
87 13.3 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062756.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062756.D (-1953) (-)



#50

Toluene-d8

Concen: 50.244 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062963.D

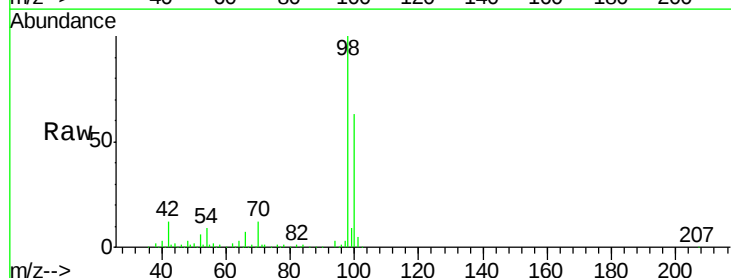
Acq: 15 Aug 2020 3:24

Tgt Ion: 98 Resp: 318803

Ion Ratio Lower Upper

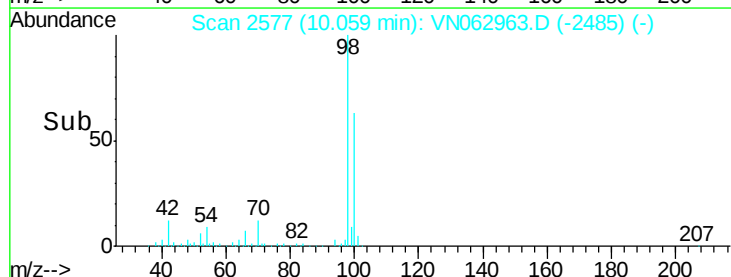
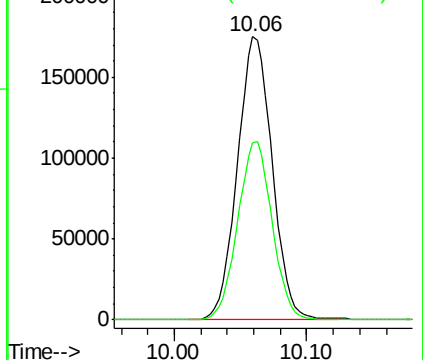
98 100

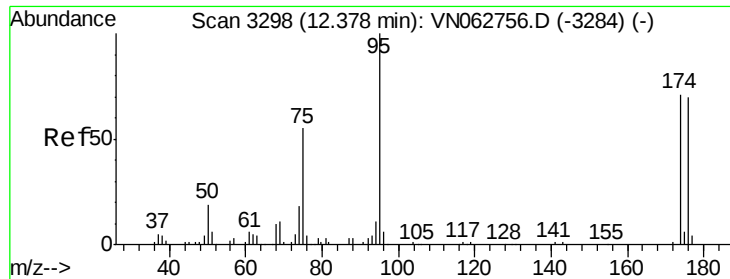
100 62.7 50.9 76.3



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

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

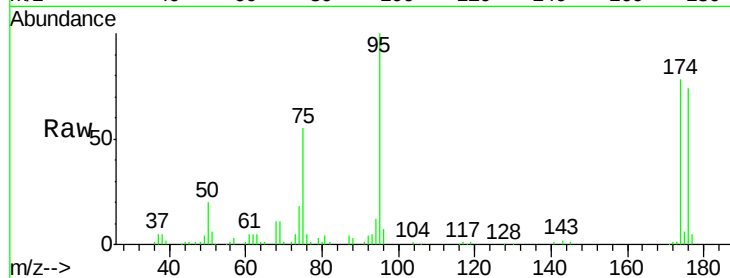




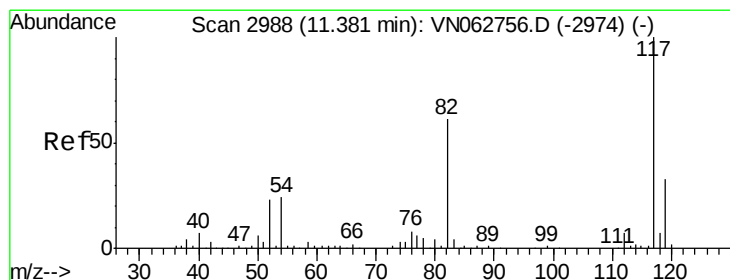
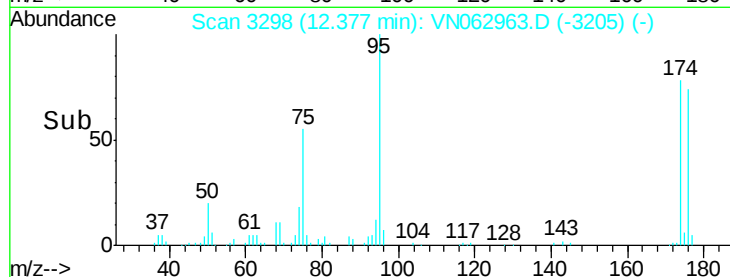
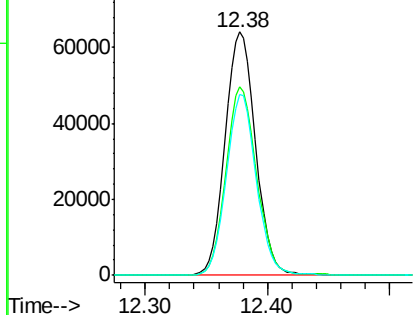
#62
4-Bromofluorobenzene
Concen: 46.807 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062963.D
Acq: 15 Aug 2020 3:24

Instrument :
MSVOA_N
ClientSampleId :
20200515-2801-C

Tot Ion: 95 Resp: 112235
Ion Ratio Lower Upper
95 100
174 78.1 0.0 144.8
176 73.1 0.0 142.2

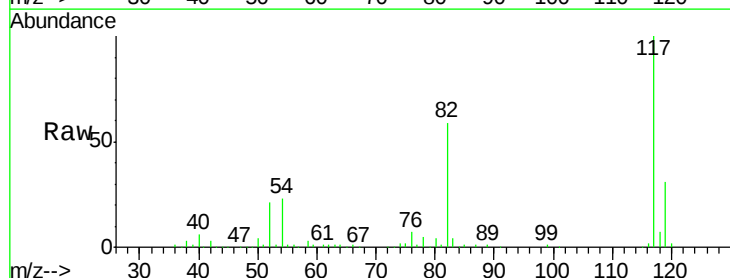


Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)
Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)
Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)

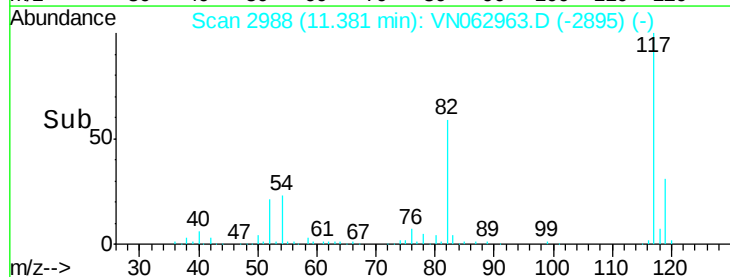
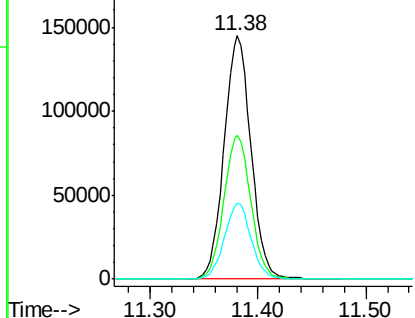


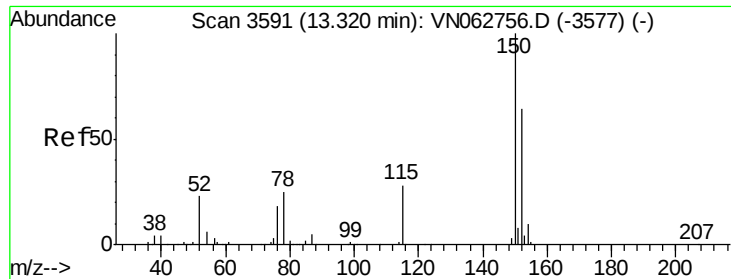
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062963.D
Acq: 15 Aug 2020 3:24

Tgt Ion: 117 Resp: 250932
Ion Ratio Lower Upper
117 100
82 59.1 49.0 73.4
119 31.4 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VN062756.D (-2974) (-)
Ion 82.00 (81.70 to 82.70): VN062756.D (-2974) (-)
Ion 118.90 (118.60 to 119.60): VN062756.D (-2974) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062963.D

Acq: 15 Aug 2020 3:24

Instrument :

MSVOA_N

ClientSampleId :

20200515-2801-C

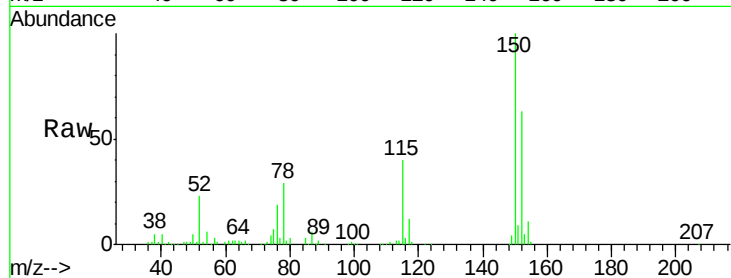
Tot Ion:152 Resp: 90396

Ion Ratio Lower Upper

152 100

115 62.0 31.6 94.8

150 154.8 0.0 349.2



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

