

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081420\
 Data File : VN062964.D
 Acq On : 15 Aug 2020 3:48
 Operator : JC/MD
 Sample : L3682-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20200516-2801-D

Quant Time: Aug 17 10:37:42 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

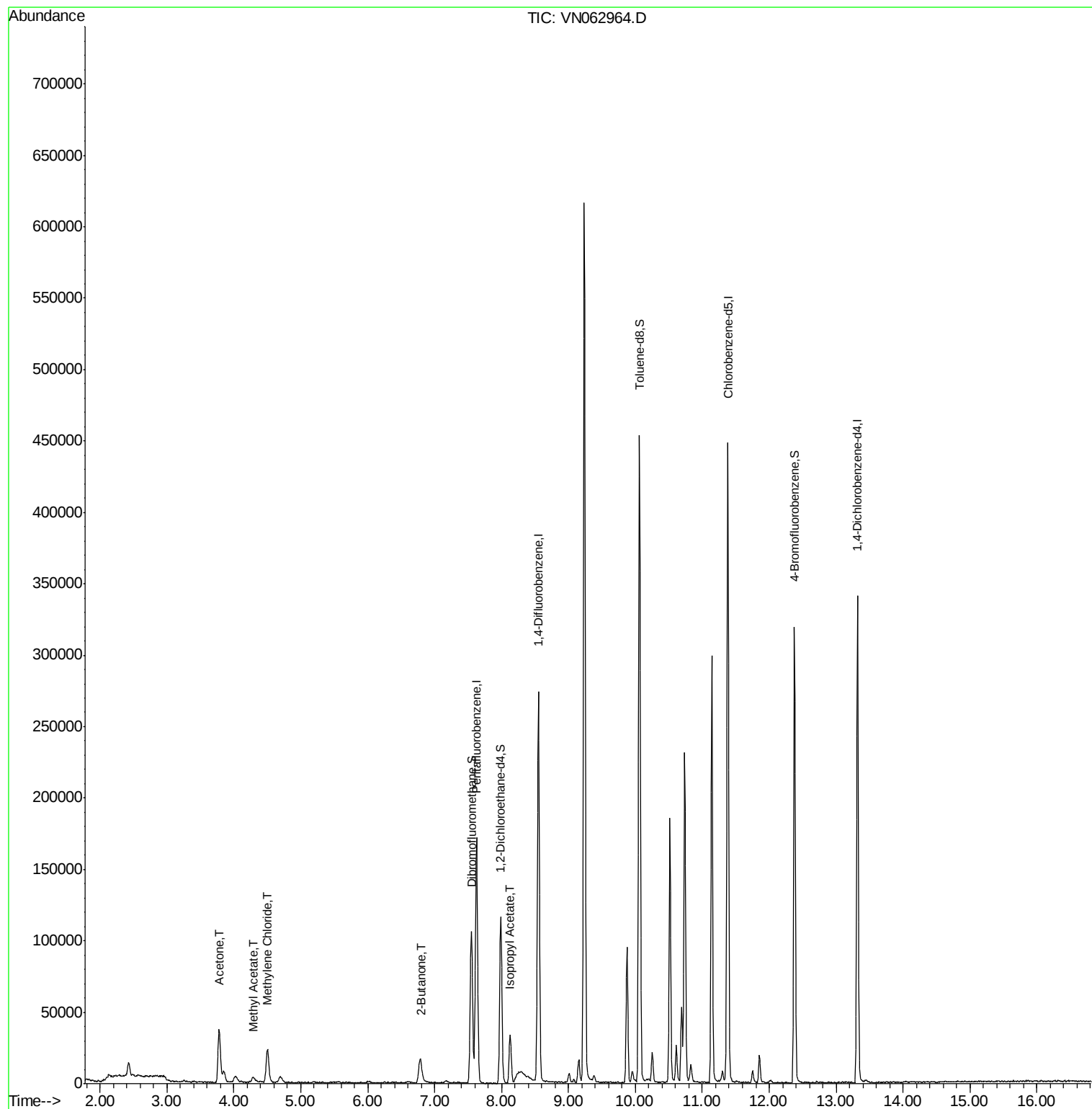
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	129871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	236545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	91544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	109452	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
35) Dibromofluoromethane	7.55	113	82977	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
50) Toluene-d8	10.06	98	311992	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.38	95	110811	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
Target Compounds						
16) Acetone	3.78	43	63341	81.622	ug/l	98
18) Methyl Acetate	4.28	43	8679	3.682	ug/l	91
20) Methylene Chloride	4.50	84	16366	10.930	ug/l	94
25) 2-Butanone	6.80	43	13272	12.075	ug/l	90
43) Isopropyl Acetate	8.13	43	40919	10.196	ug/l	99

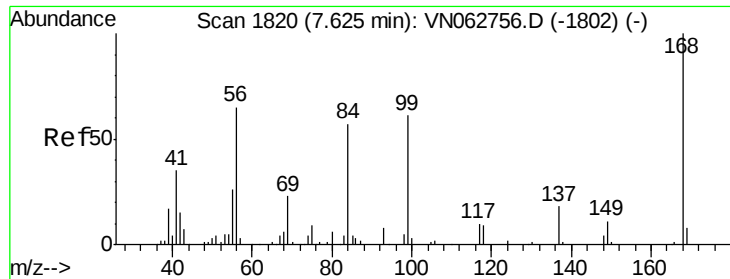
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081420\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
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: VN062964.D

Acq: 15 Aug 2020 3:48

Instrument :

MSVOA_N

ClientSampleId :

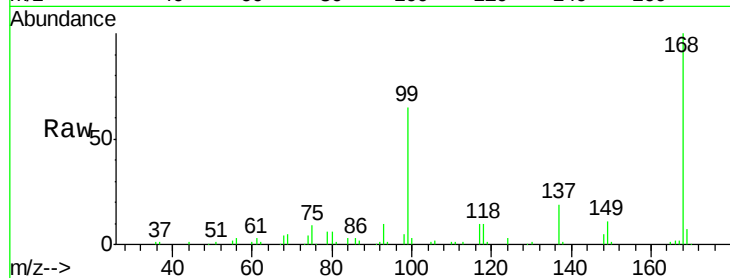
20200516-2801-D

Tot Ion:168 Resp: 129871

Ion Ratio Lower Upper

168 100

99 64.8 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): VN062756.D (-1802) (-)

Ion 98.90 (98.60 to 99.60): VN062756.D (-1802) (-)

7.63

60000

50000

40000

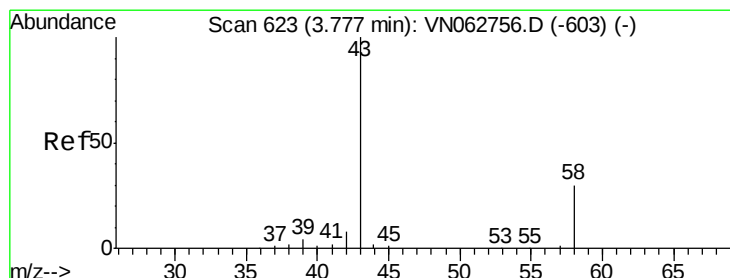
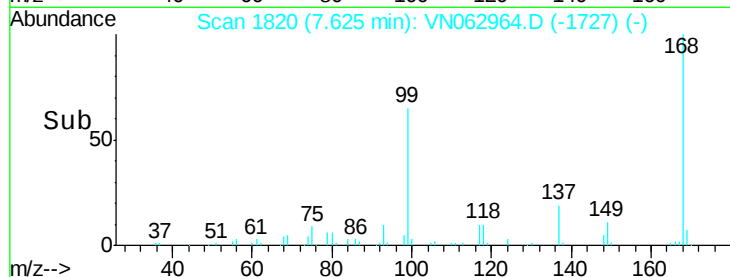
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 81.622 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062964.D

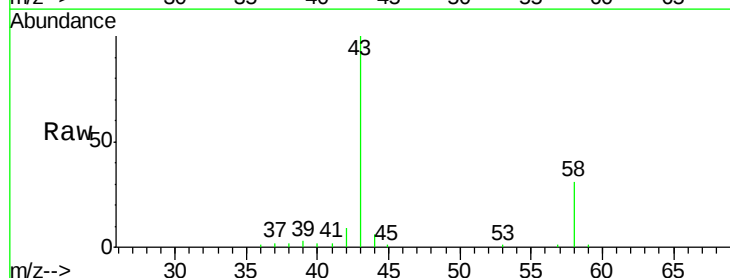
Acq: 15 Aug 2020 3:48

Tgt Ion: 43 Resp: 63341

Ion Ratio Lower Upper

43 100

58 31.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN062756.D (-603) (-)

3.78

25000

20000

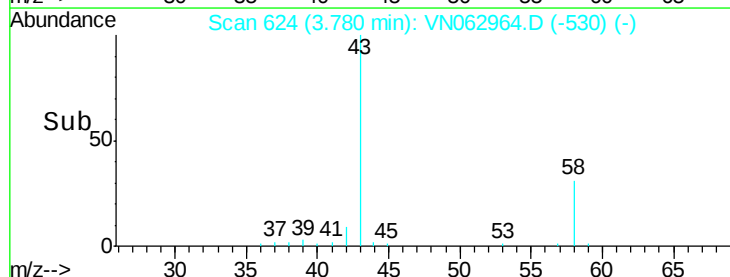
15000

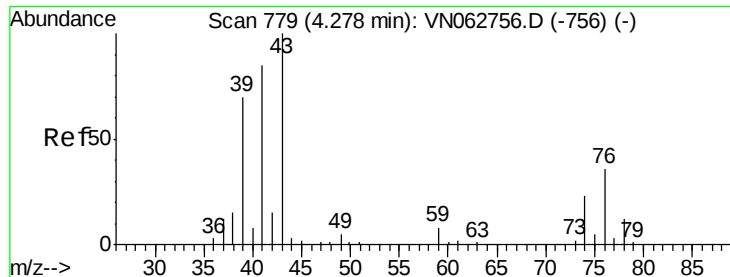
10000

5000

0

Time--> 3.70 3.80 3.90

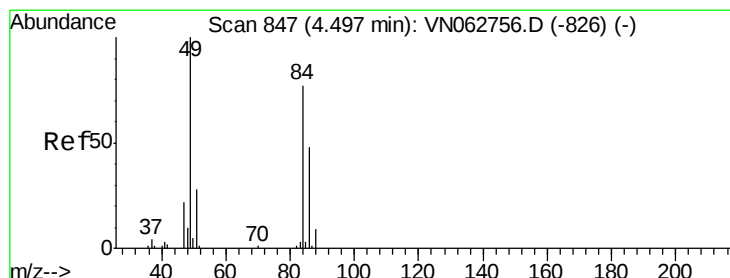
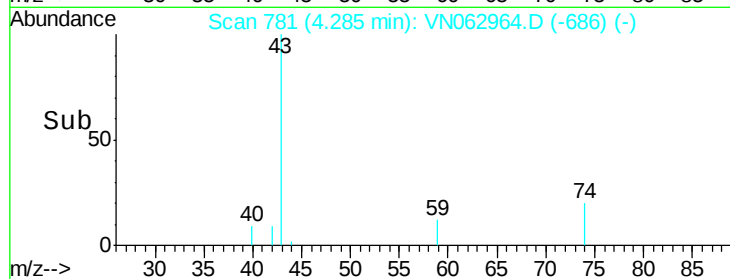
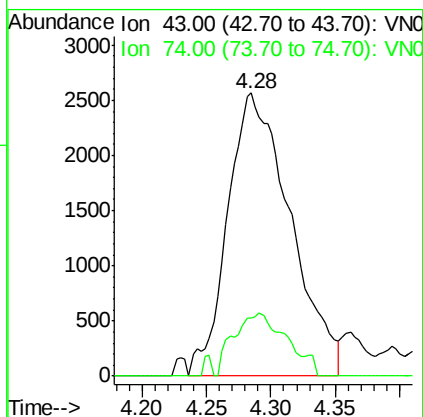
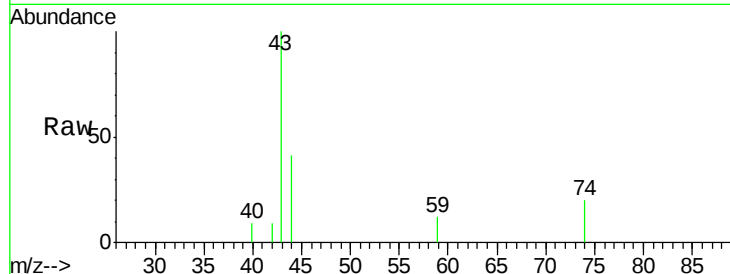




#18
Methyl Acetate
Concen: 3.682 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062964.D
Acq: 15 Aug 2020 3:48

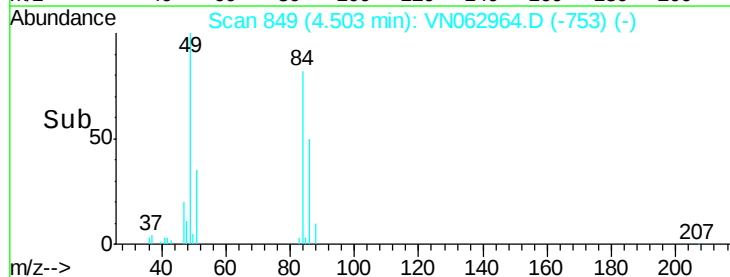
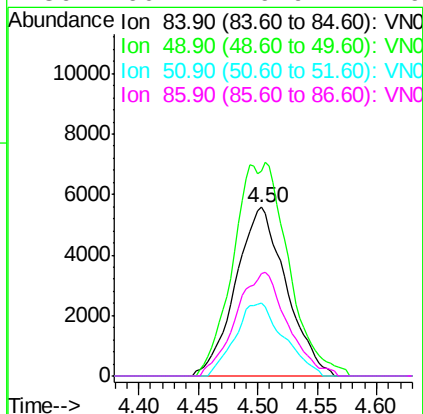
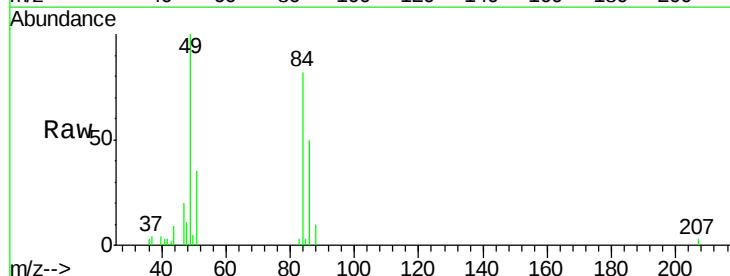
Instrument :
MSVOA_N
ClientSampleId :
20200516-2801-D

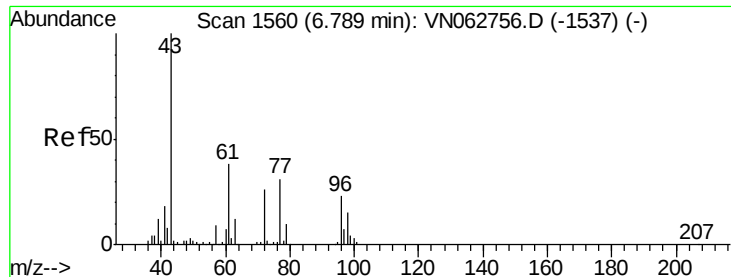
Tot Ion: 43 Resp: 8679
Ion Ratio Lower Upper
43 100
74 19.0 18.6 28.0



#20
Methylene Chloride
Concen: 10.930 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.01 min
Lab File: VN062964.D
Acq: 15 Aug 2020 3:48

Tgt Ion: 84 Resp: 16366
Ion Ratio Lower Upper
84 100
49 121.7 103.4 155.2
51 43.0 29.3 43.9
86 60.7 49.9 74.9

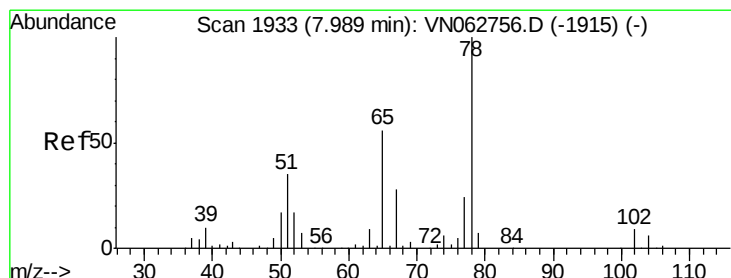
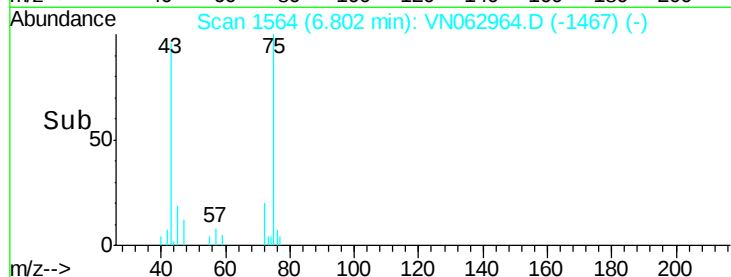
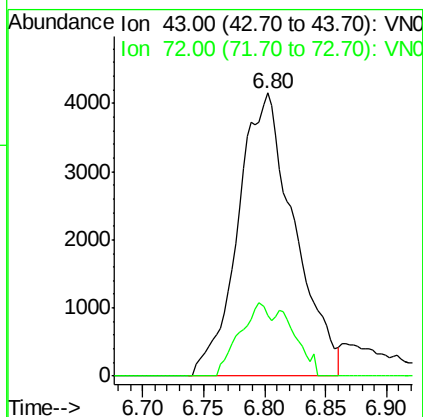
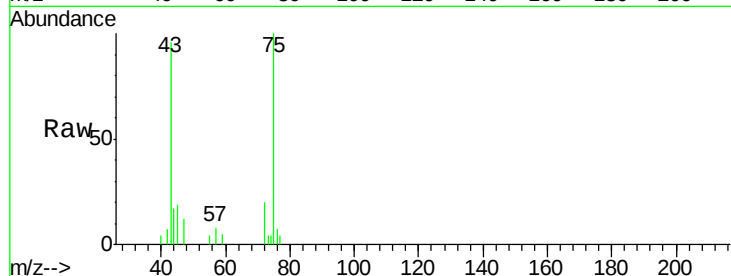




#25
 2-Butanone
 Concen: 12.075 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: VN062964.D
 Acq: 15 Aug 2020 3:48

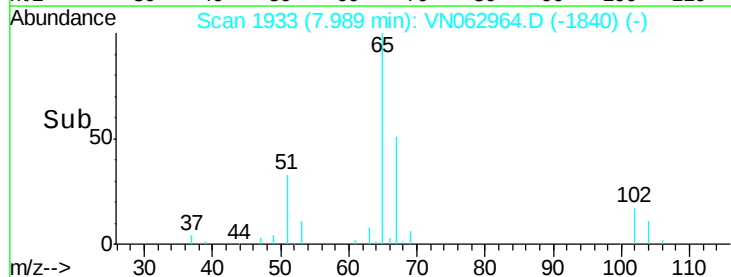
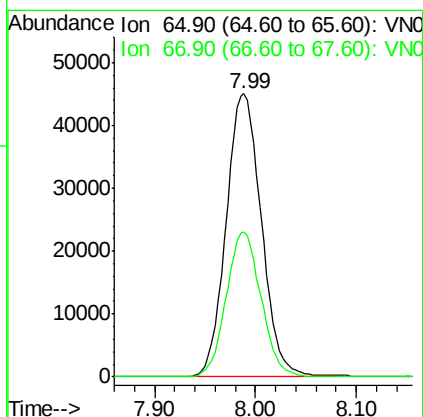
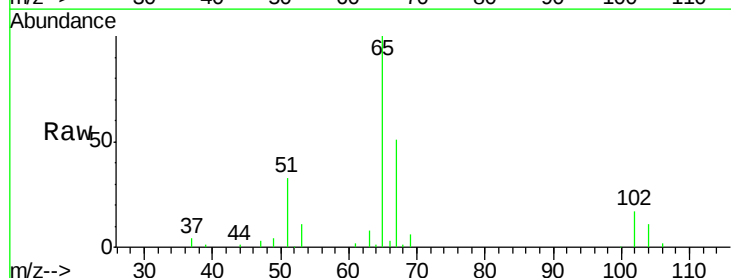
Instrument :
 MSVOA_N
 ClientSampleId :
 20200516-2801-D

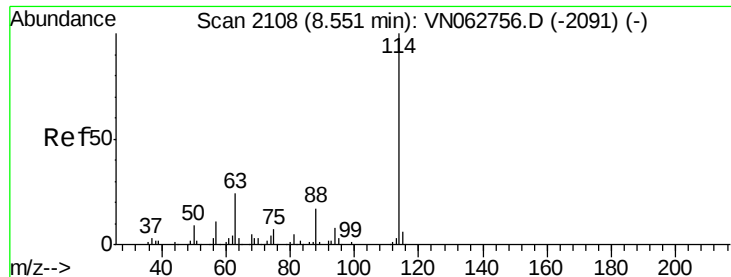
Tot Ion: 43 Resp: 13272
 Ion Ratio Lower Upper
 43 100
 72 21.4 21.1 31.7



#33
 1,2-Dichloroethane-d4
 Concen: 50.963 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062964.D
 Acq: 15 Aug 2020 3:48

Tgt Ion: 65 Resp: 109452
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.4

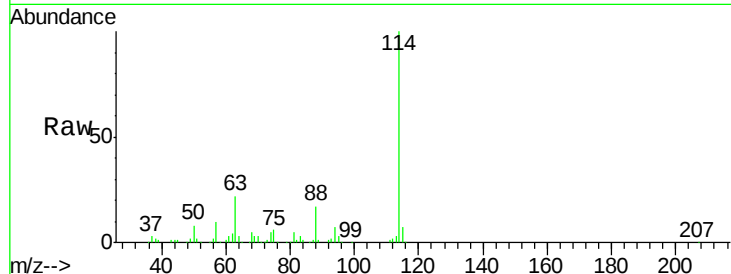




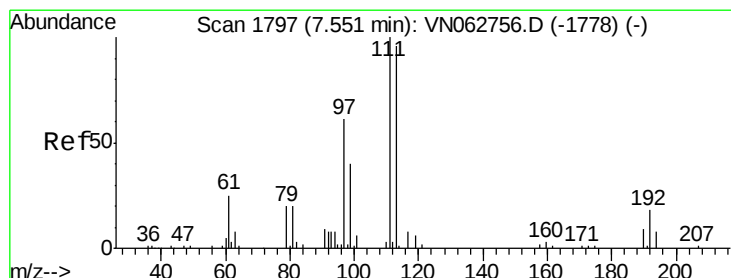
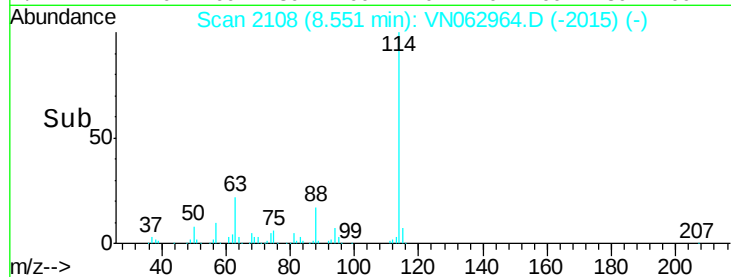
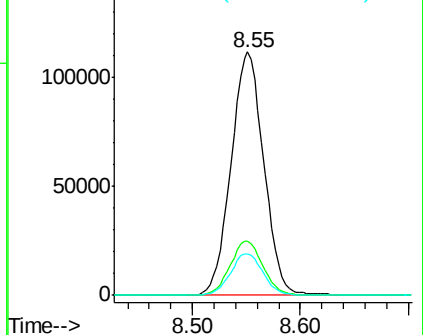
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062964.D
 Acq: 15 Aug 2020 3:48

Instrument :
 MSVOA_N
 ClientSampleId :
 20200516-2801-D

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	47.6
88	16.8	0.0	34.4

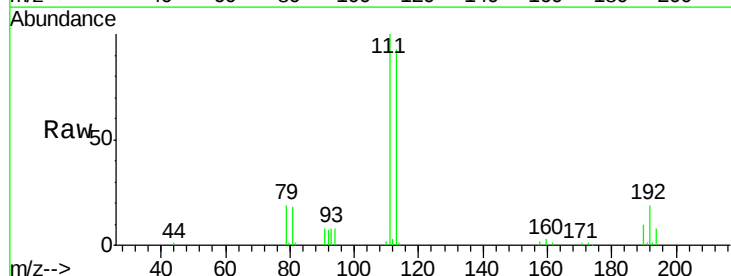


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

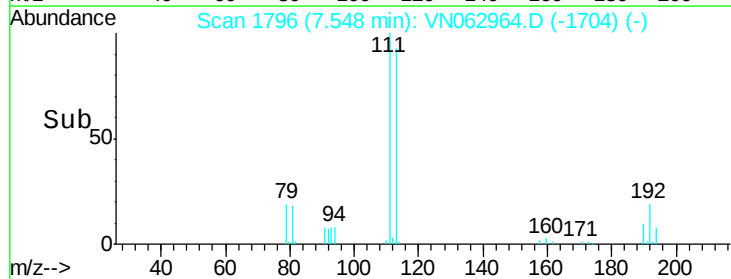
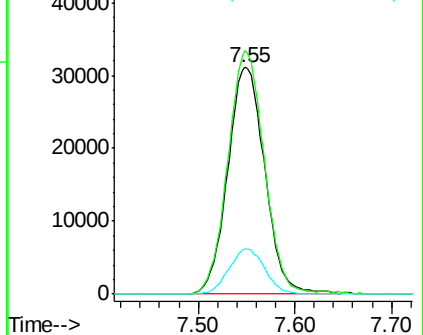


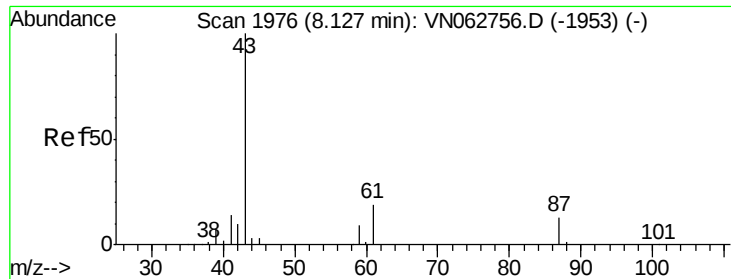
#35
 Dibromofluoromethane
 Concen: 51.280 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062964.D
 Acq: 15 Aug 2020 3:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.8	122.6
192	19.2	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: 10.196 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062964.D

Acq: 15 Aug 2020 3:48

Instrument :

MSVOA_N

ClientSampleId :

20200516-2801-D

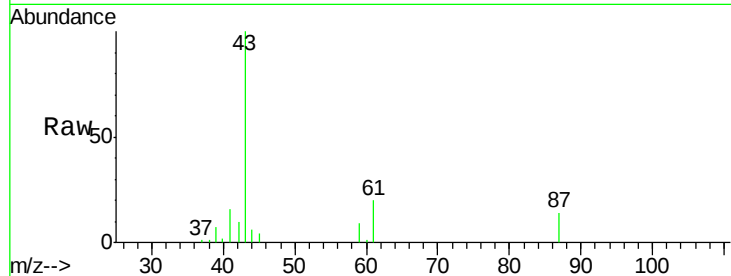
Tot Ion: 43 Resp: 40919

Ion Ratio Lower Upper

43 100

61 19.4 15.8 23.6

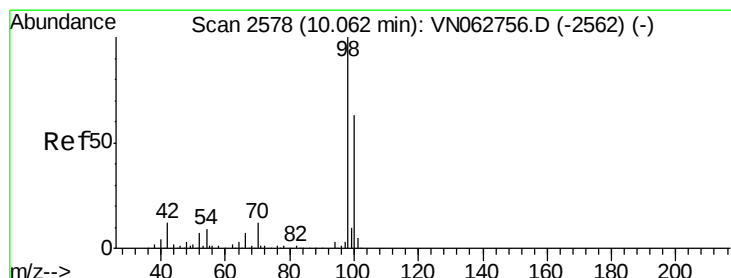
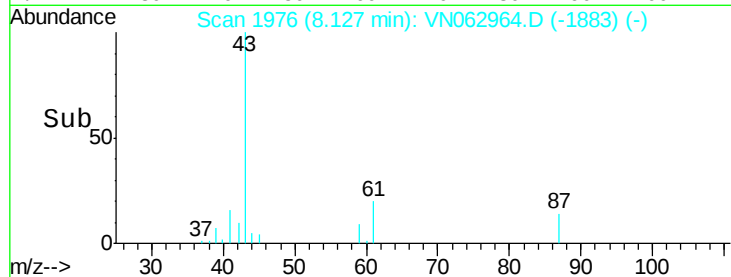
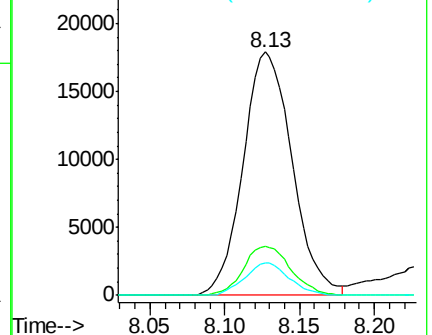
87 12.0 9.9 14.9



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: 49.388 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062964.D

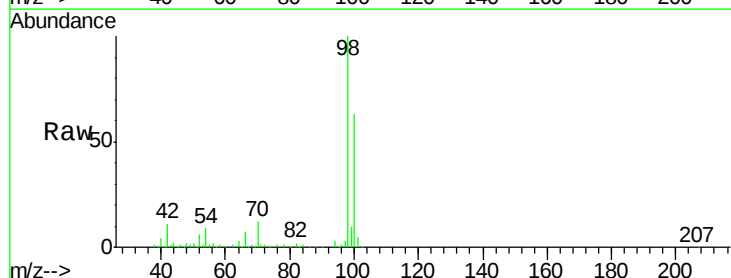
Acq: 15 Aug 2020 3:48

Tgt Ion: 98 Resp: 311992

Ion Ratio Lower Upper

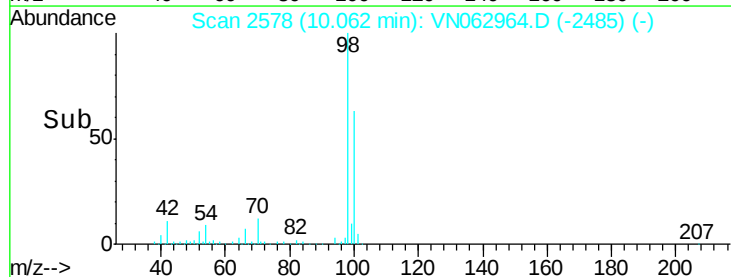
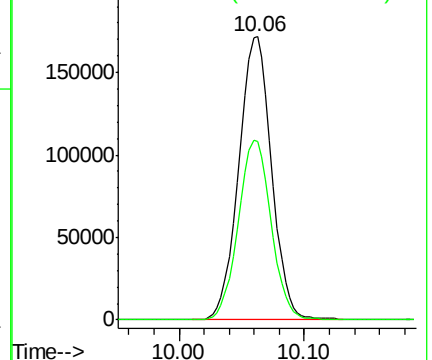
98 100

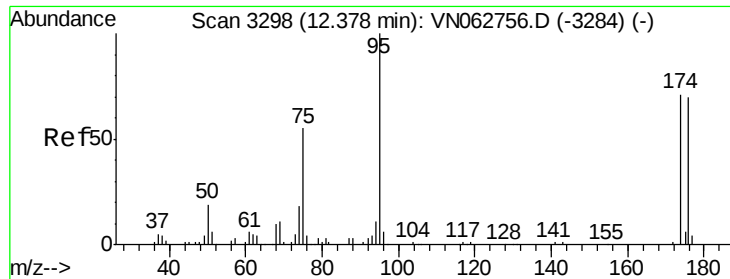
100 63.9 50.9 76.3



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

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

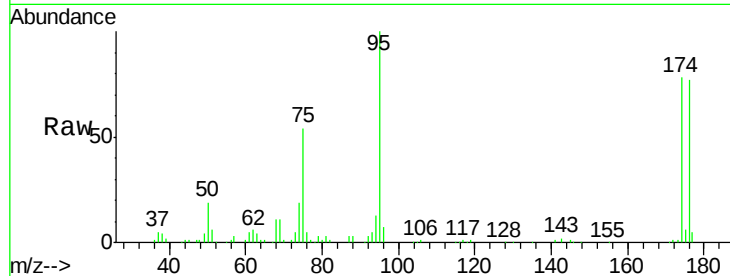




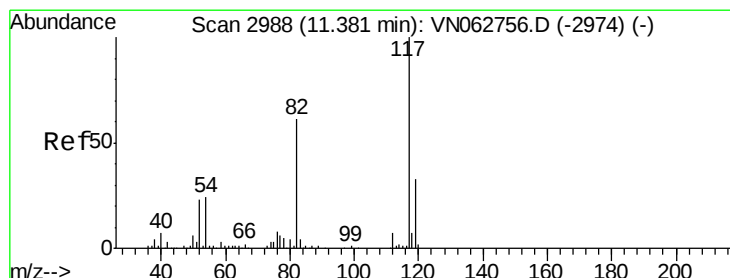
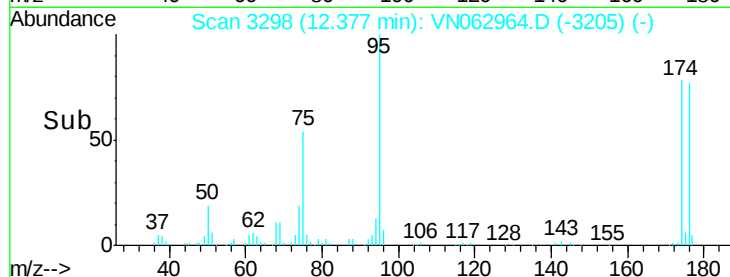
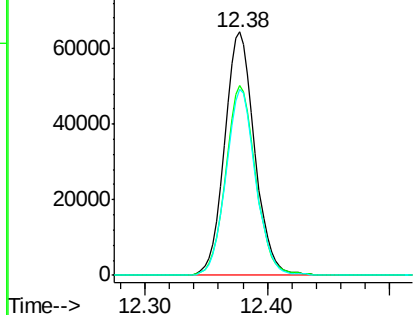
#62
4-Bromofluorobenzene
Concen: 46.417 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062964.D
Acq: 15 Aug 2020 3:48

Instrument :
MSVOA_N
ClientSampleId :
20200516-2801-D

Tot Ion: 95 Resp: 110811
Ion Ratio Lower Upper
95 100
174 77.8 0.0 144.8
176 75.7 0.0 142.2

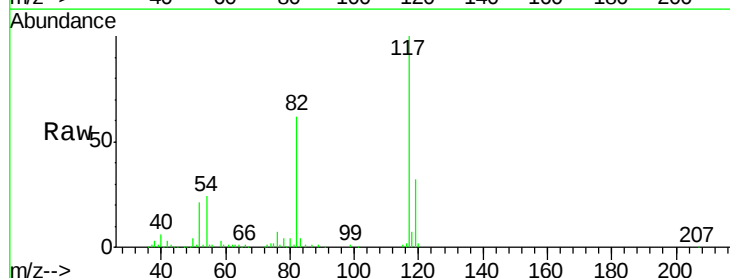


Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)
Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)
Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)

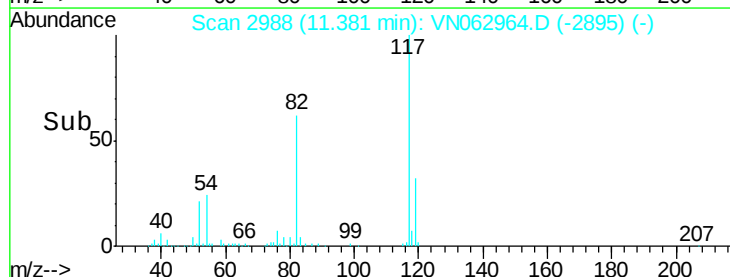
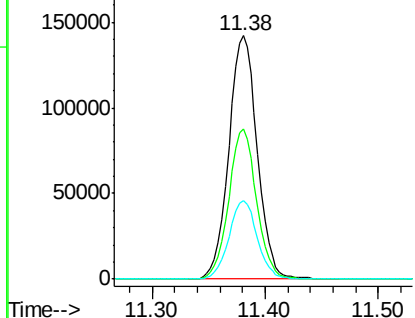


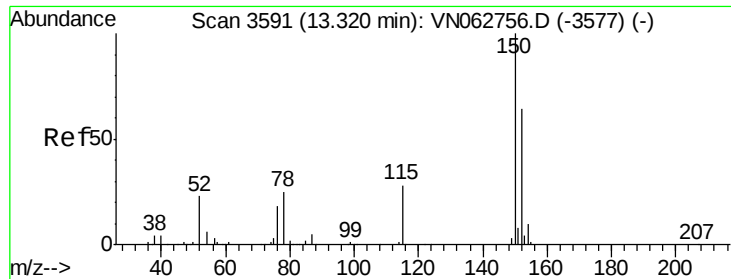
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062964.D
Acq: 15 Aug 2020 3:48

Tgt Ion: 117 Resp: 248049
Ion Ratio Lower Upper
117 100
82 61.7 49.0 73.4
119 32.2 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: VN062964.D

Acq: 15 Aug 2020 3:48

Instrument :

MSVOA_N

ClientSampleId :

20200516-2801-D

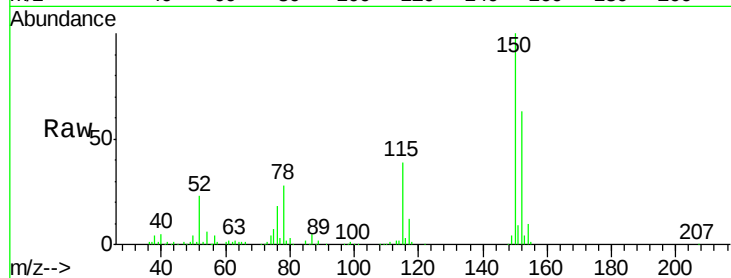
Tot Ion:152 Resp: 91544

Ion Ratio Lower Upper

152 100

115 63.2 31.6 94.8

150 157.8 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

