

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062691.D
 Acq On : 31 Jul 2020 17:31
 Operator : JC/MD
 Sample : PB130640ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130640ZHE#14

Quant Time: Aug 01 07:04:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

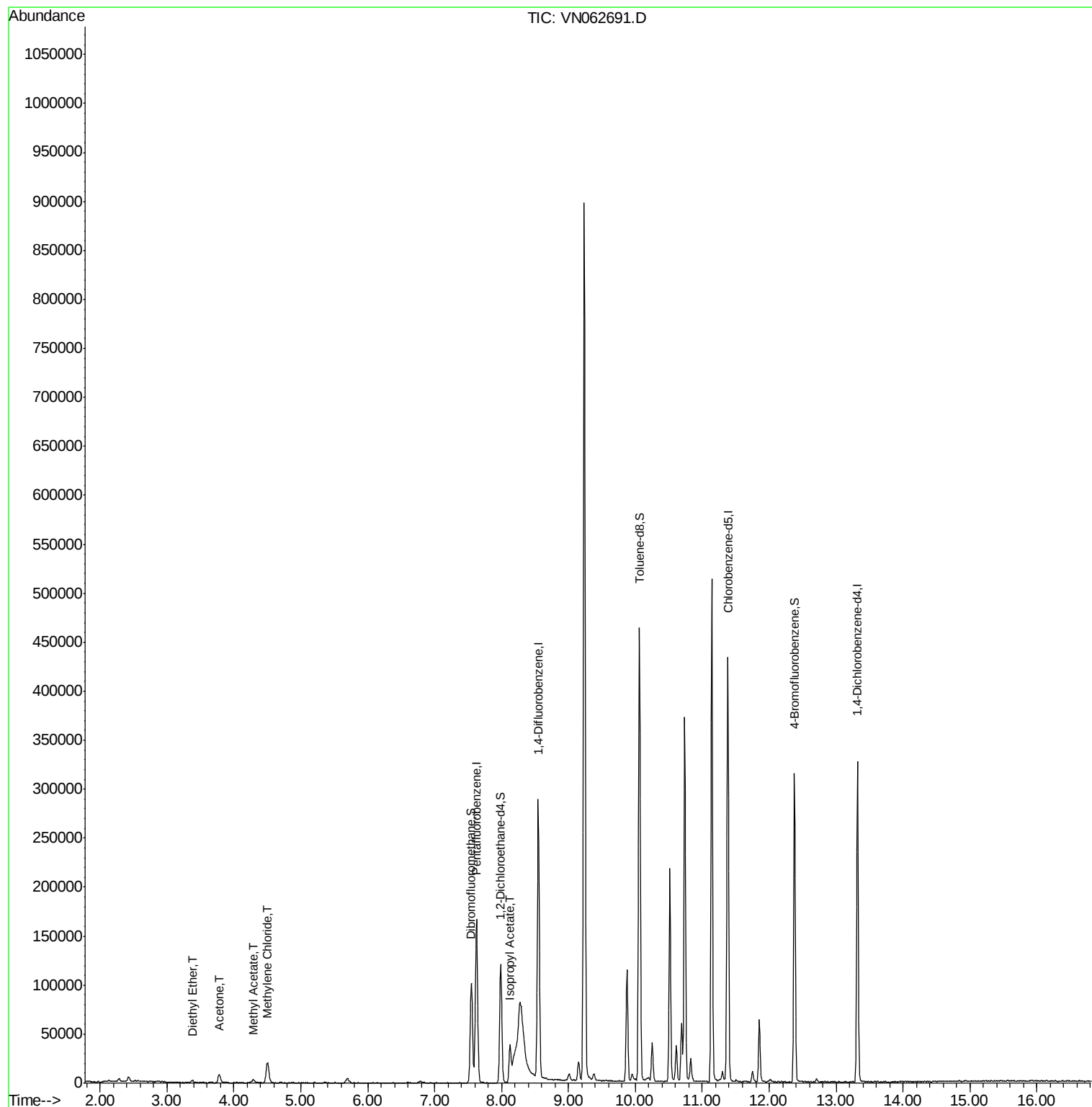
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	124150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	234380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	232922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	110582	57.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.68%	
35) Dibromofluoromethane	7.55	113	76516	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
50) Toluene-d8	10.06	98	305281	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	12.38	95	108464	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
Target Compounds						
8) Diethyl Ether	3.38	74	1222	1.278	ug/l #	45
16) Acetone	3.78	43	15809	21.783	ug/l	95
18) Methyl Acetate	4.28	43	6600	3.592	ug/l #	64
20) Methylene Chloride	4.50	84	15354	8.821	ug/l	96
43) Isopropyl Acetate	8.13	43	49401	11.379	ug/l #	90

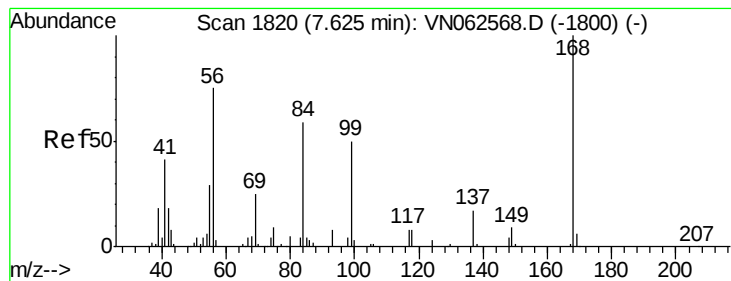
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073120\
Data File : VN062691.D
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Quant Time: Aug 01 07:04:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 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: VN062691.D

Acq: 31 Jul 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

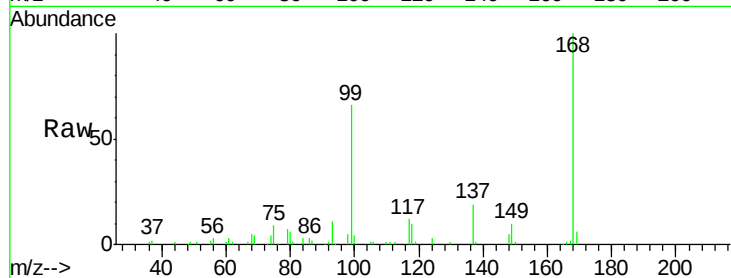
PB130640ZHE#14

Tot Ion:168 Resp: 124150

Ion Ratio Lower Upper

168 100

99 65.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VN062691.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062691.D (-1727) (-)

7.63

60000

50000

40000

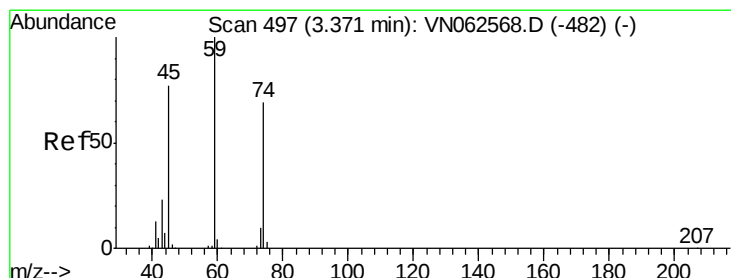
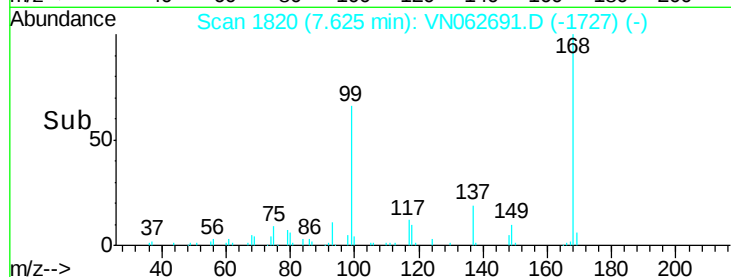
30000

20000

10000

0

Time-->



#8

Diethyl Ether

Concen: 1.278 ug/l

RT: 3.38 min Scan# 501

Delta R.T. 0.01 min

Lab File: VN062691.D

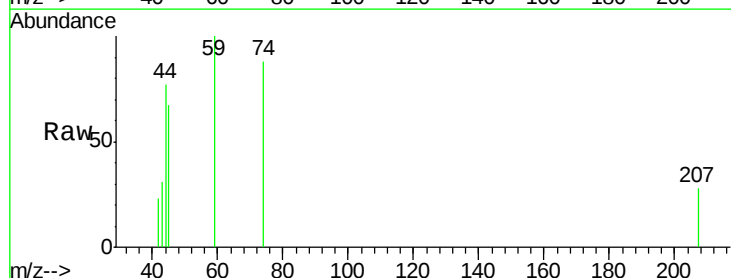
Acq: 31 Jul 2020 17:31

Tgt Ion: 74 Resp: 1222

Ion Ratio Lower Upper

74 100

45 51.7 55.3 165.8#



Abundance Ion 74.00 (73.70 to 74.70): VN062691.D (-404) (-)

Ion 45.00 (44.70 to 45.70): VN062691.D (-404) (-)

3.38

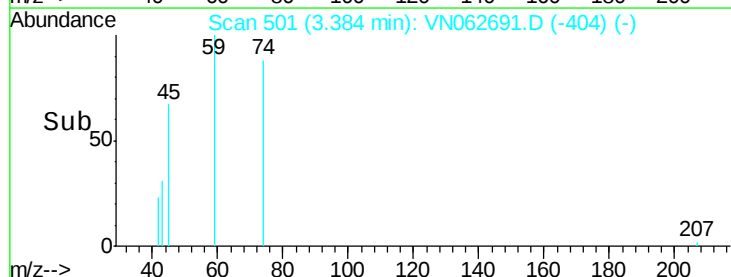
600

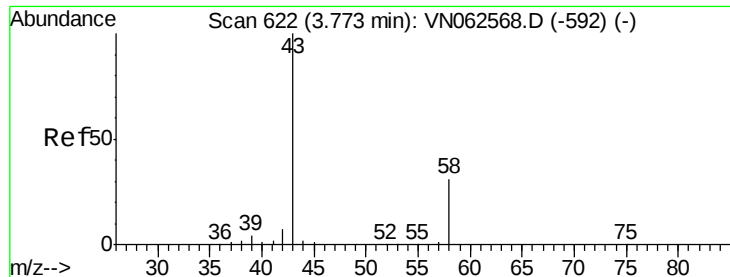
400

200

0

Time-->





#16

Acetone

Concen: 21.783 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062691.D

Acq: 31 Jul 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

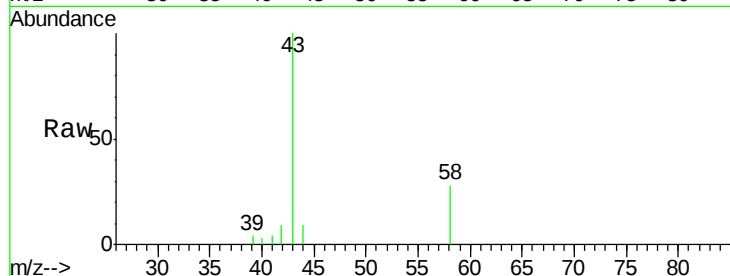
PB130640ZHE#14

Tot Ion: 43 Resp: 15809

Ion Ratio Lower Upper

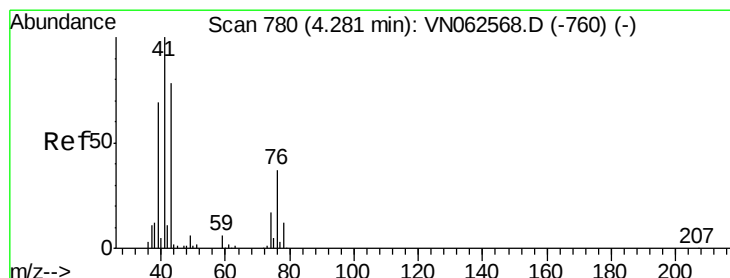
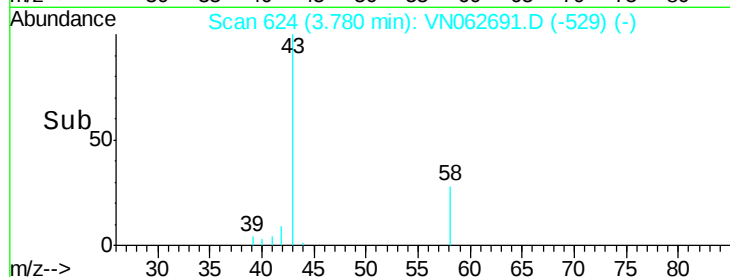
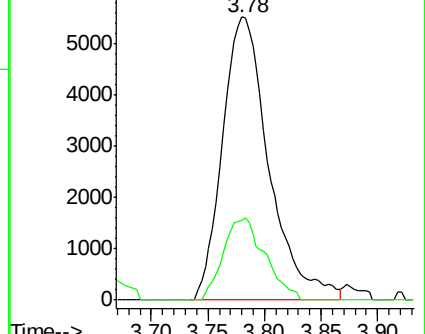
43 100

58 28.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 3.592 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN062691.D

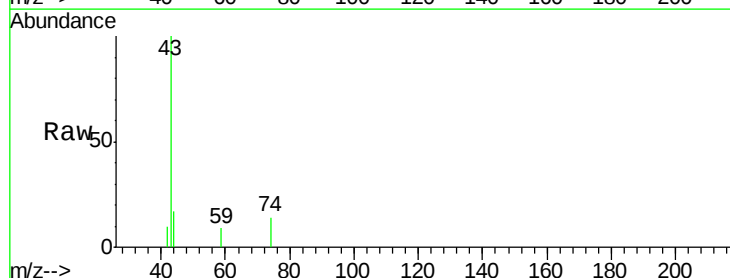
Acq: 31 Jul 2020 17:31

Tgt Ion: 43 Resp: 6600

Ion Ratio Lower Upper

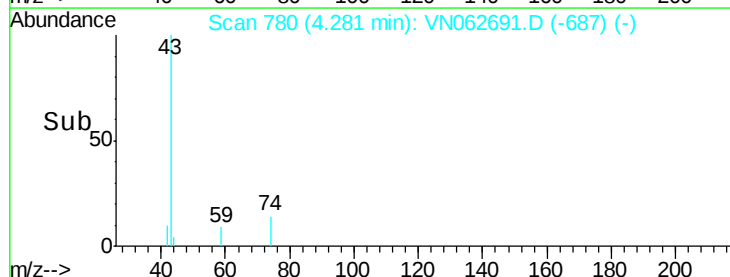
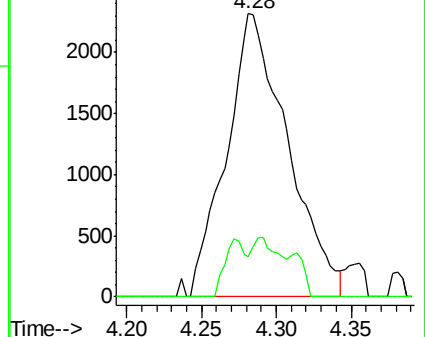
43 100

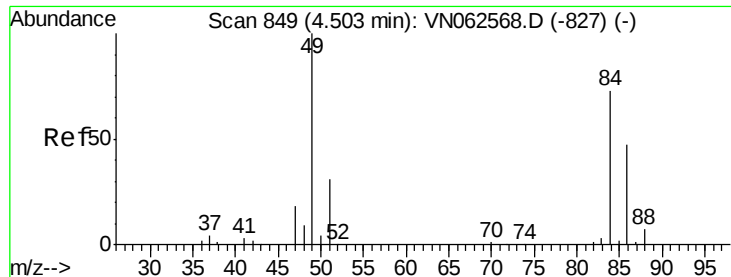
74 3.8 16.6 24.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

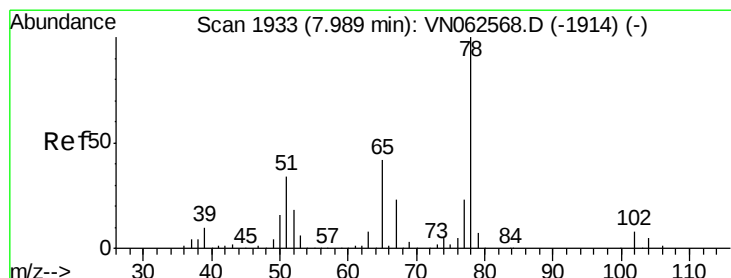
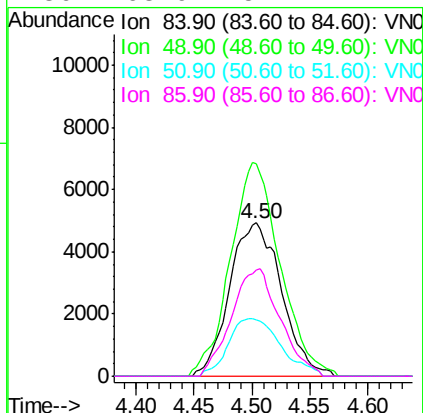
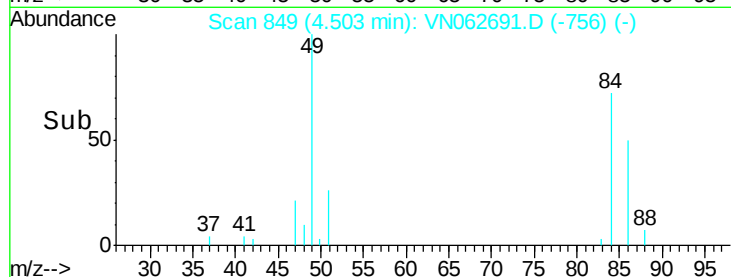
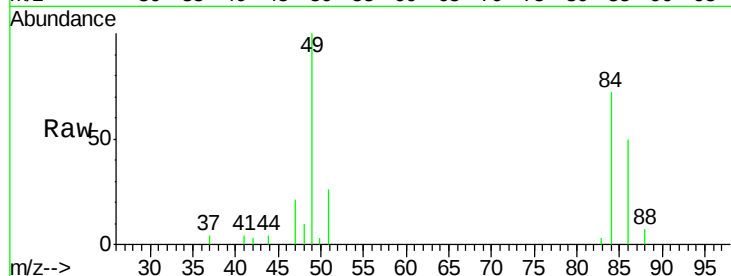




#20
Methylene Chloride
Concen: 8.821 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062691.D
Acq: 31 Jul 2020 17:31

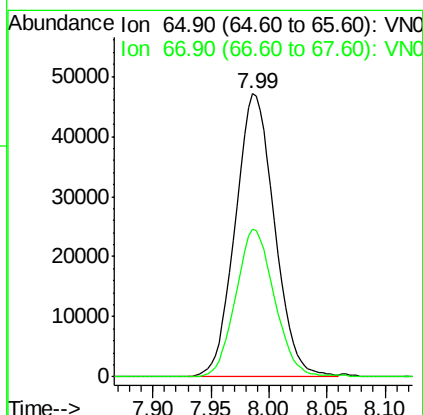
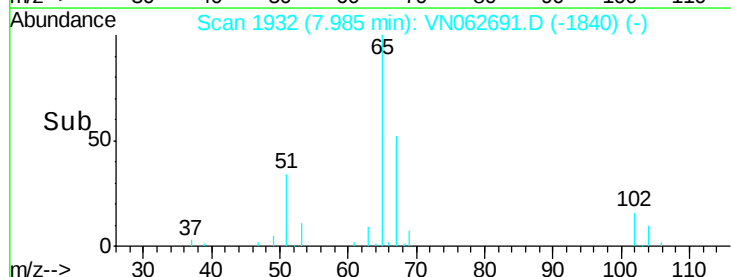
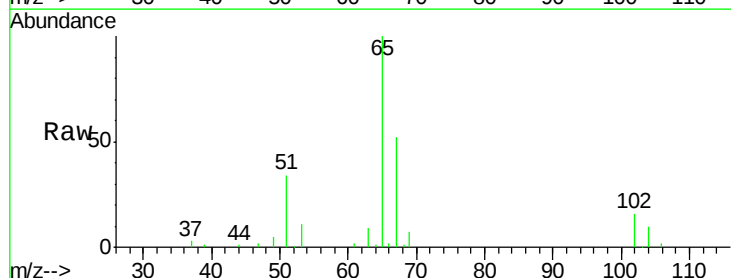
Instrument :
MSVOA_N
ClientSampleId :
PB130640ZHE#14

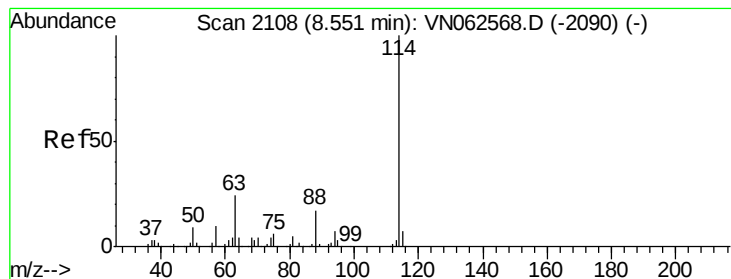
Tot Ion:	84	Resp:	15354
Ion	Ratio	Lower	Upper
84	100		
49	138.1	109.4	164.0
51	36.3	33.6	50.4
86	68.9	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 57.338 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN062691.D
Acq: 31 Jul 2020 17:31

Tgt Ion:	65	Resp:	110582
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062691.D

Acq: 31 Jul 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

PB130640ZHE#14

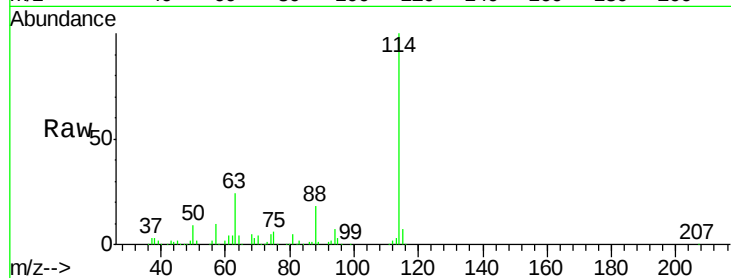
Tot Ion:114 Resp: 234380

Ion Ratio Lower Upper

114 100

63 23.9 0.0 48.4

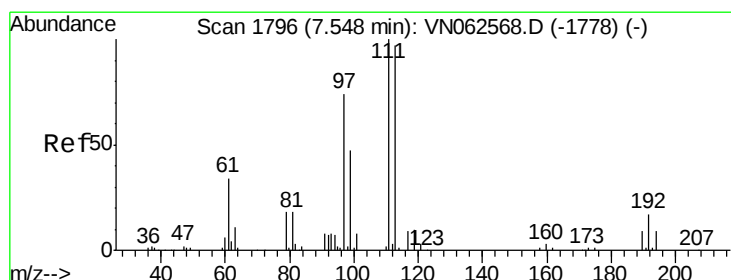
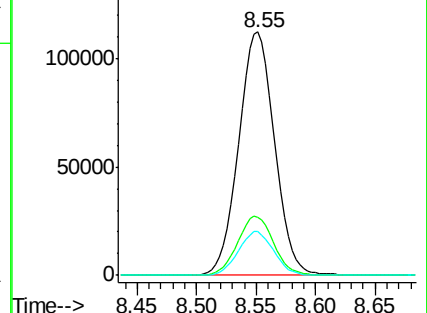
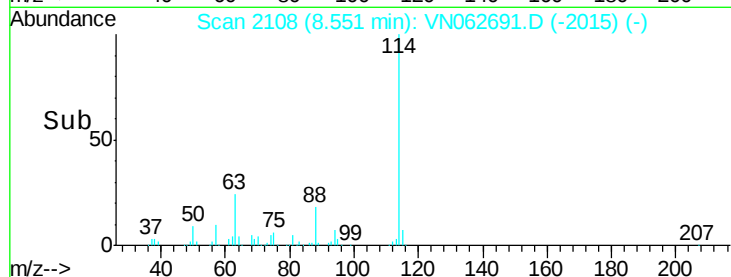
88 18.0 0.0 33.8



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: 49.701 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN062691.D

Acq: 31 Jul 2020 17:31

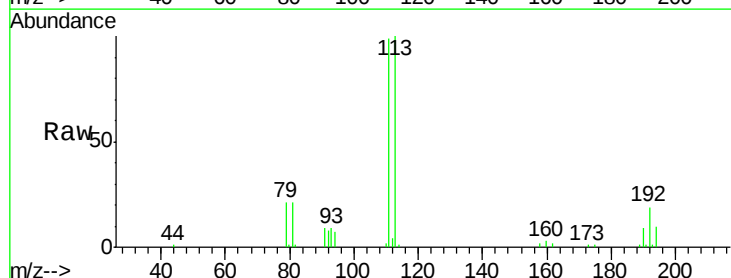
Tgt Ion:113 Resp: 76516

Ion Ratio Lower Upper

113 100

111 102.7 82.7 124.1

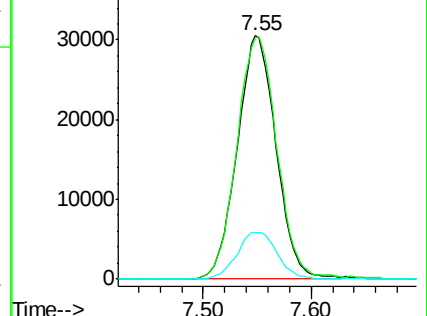
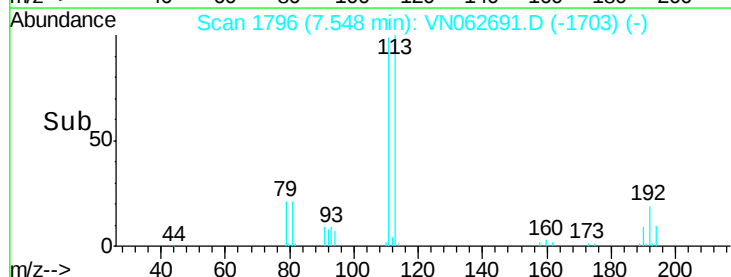
192 19.7 14.8 22.2

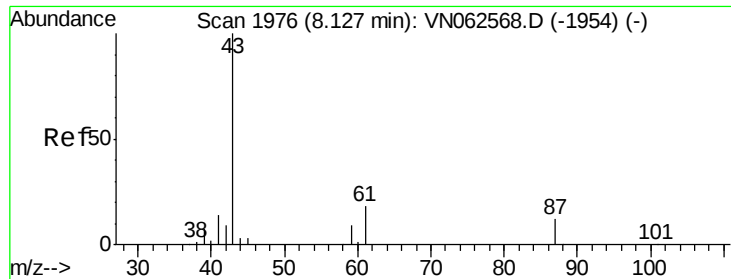


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.379 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062691.D

Acq: 31 Jul 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

PB130640ZHE#14

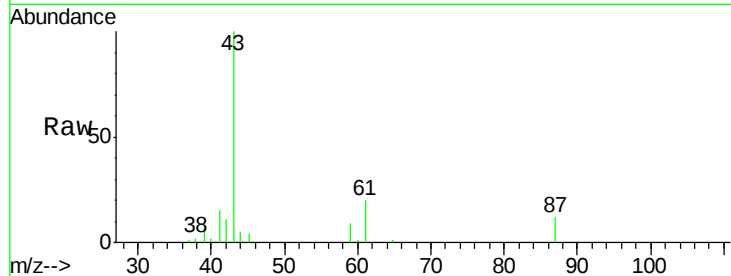
Tot Ion: 43 Resp: 49401

Ion Ratio Lower Upper

43 100

61 18.5 20.8 31.2#

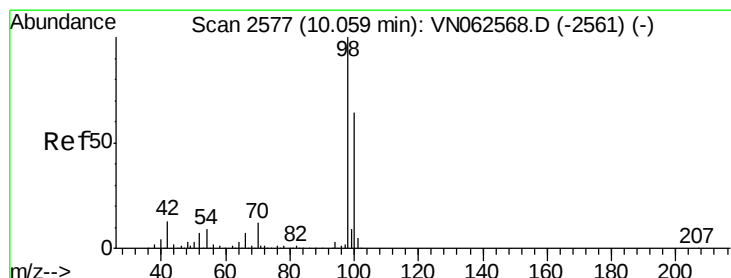
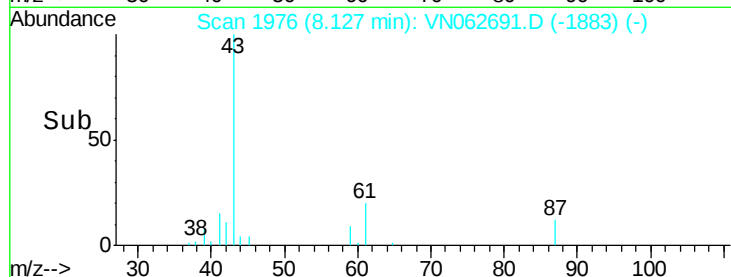
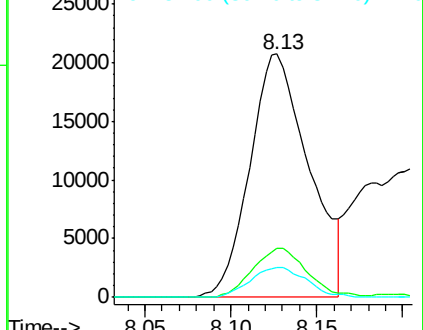
87 11.6 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062568.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062568.D (-1954) (-)



#50

Toluene-d8

Concen: 49.698 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062691.D

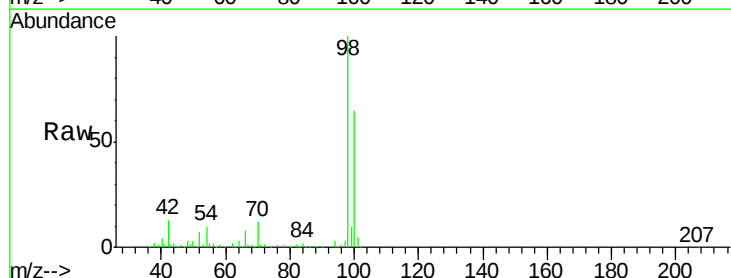
Acq: 31 Jul 2020 17:31

Tgt Ion: 98 Resp: 305281

Ion Ratio Lower Upper

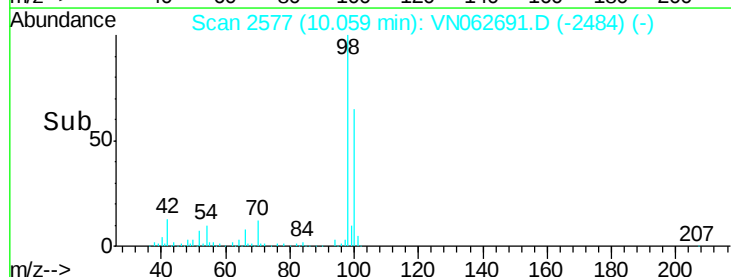
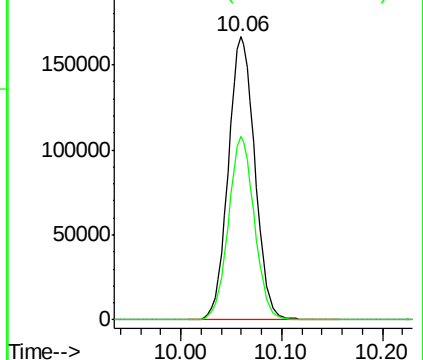
98 100

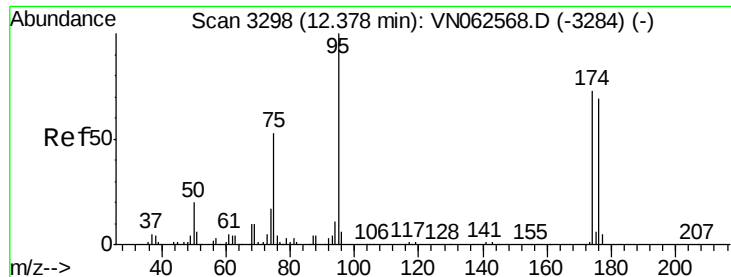
100 63.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062568.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062568.D (-2561) (-)





#62

4-Bromofluorobenzene

Concen: 48.292 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062691.D

Acq: 31 Jul 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

PB130640ZHE#14

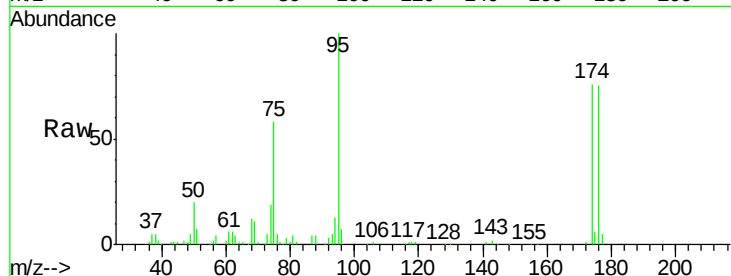
Tot Ion: 95 Resp: 108464

Ion Ratio Lower Upper

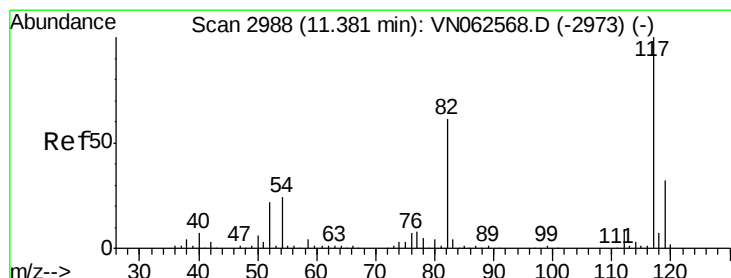
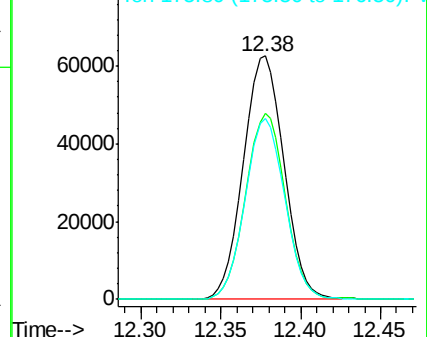
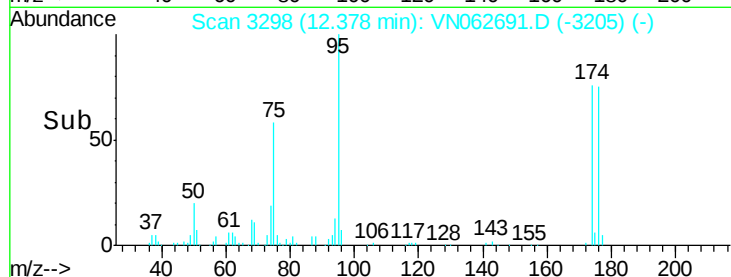
95 100

174 75.2 0.0 144.6

176 72.8 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VN062691.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062691.D

Acq: 31 Jul 2020 17:31

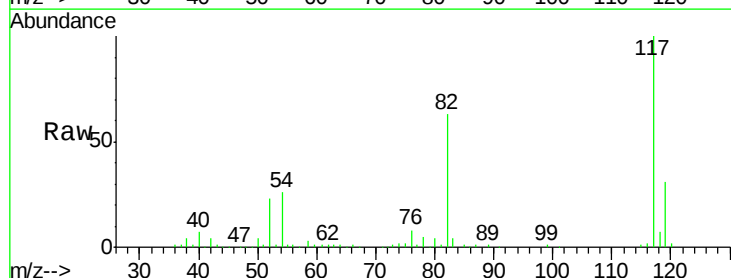
Tgt Ion: 117 Resp: 232922

Ion Ratio Lower Upper

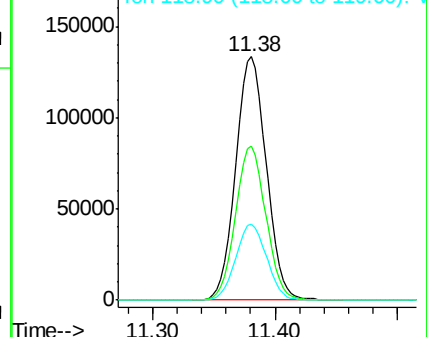
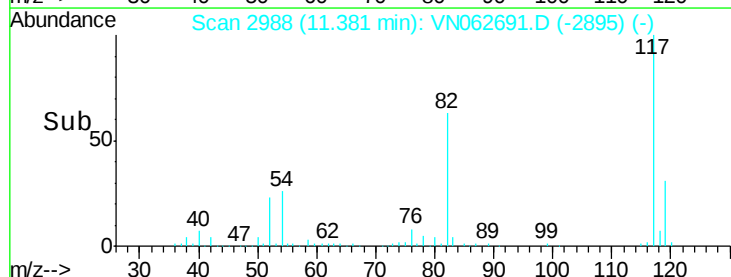
117 100

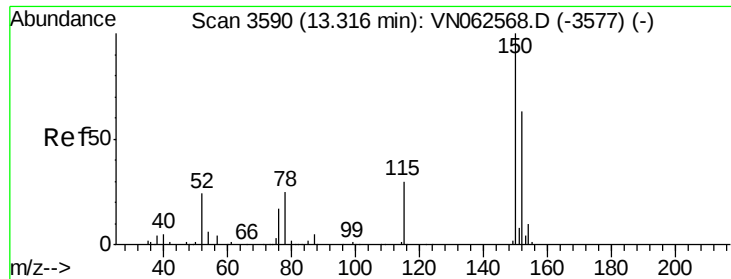
82 63.1 49.0 73.6

119 31.1 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN062691.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062691.D

Acq: 31 Jul 2020 17:31

Instrument :

MSVOA_N

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PB130640ZHE#14

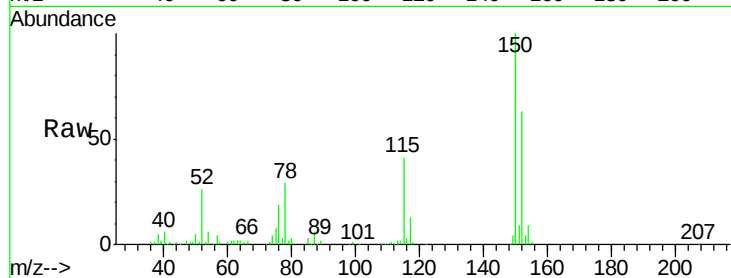
Tot Ion:152 Resp: 82392

Ion Ratio Lower Upper

152 100

115 65.5 31.8 95.4

150 158.7 0.0 351.4



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

