

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062690.D
 Acq On : 31 Jul 2020 17:06
 Operator : JC/MD
 Sample : PB130640ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130640ZHE#13

Quant Time: Aug 01 07:03:12 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

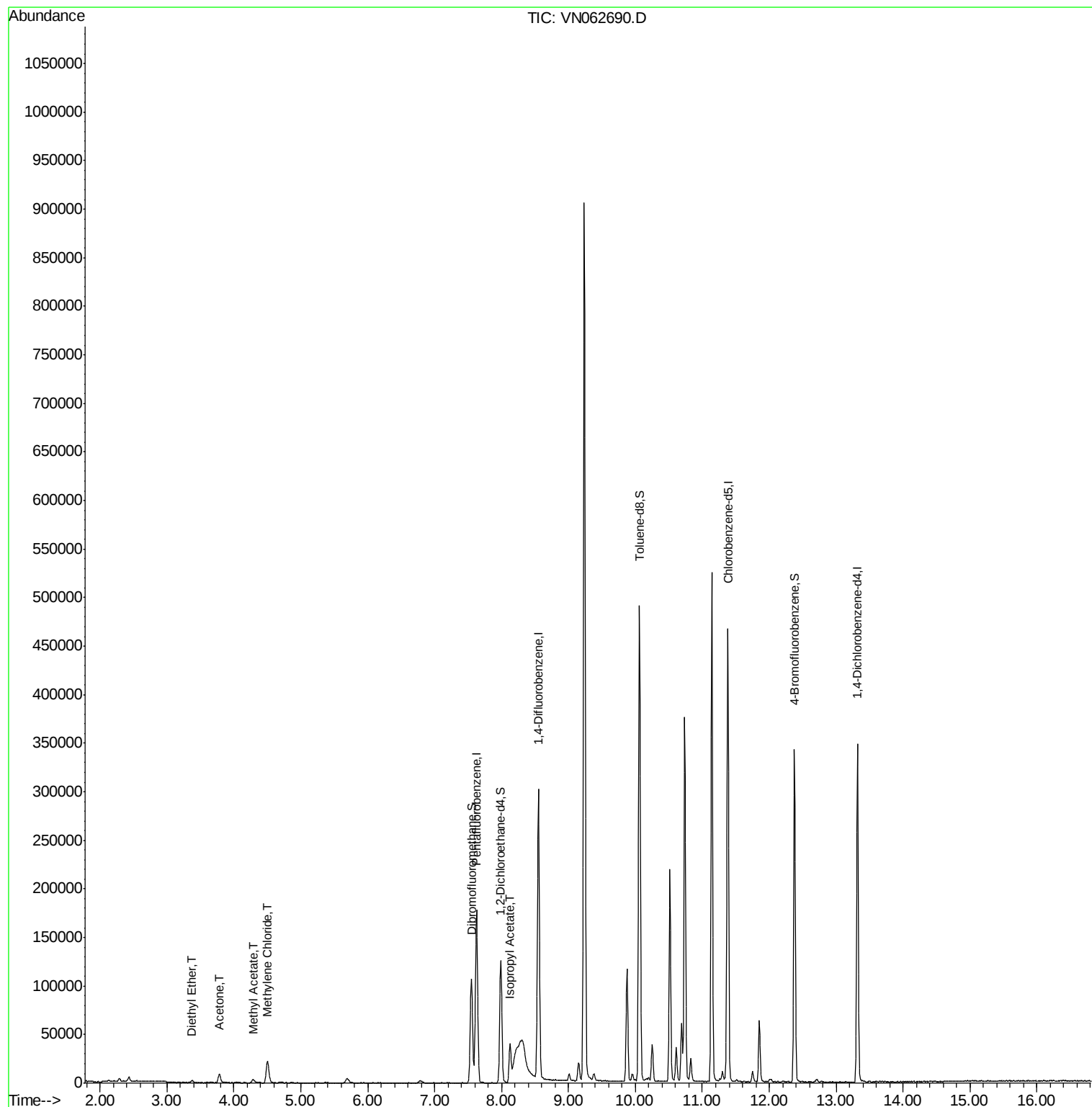
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	131368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	247185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	91455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	117624	57.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.28%	
35) Dibromofluoromethane	7.55	113	81621	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
50) Toluene-d8	10.06	98	326995	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.38	95	119186	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
Target Compounds						
8) Diethyl Ether	3.37	74	1196	1.182	ug/l	93
16) Acetone	3.78	43	16108	20.975	ug/l	95
18) Methyl Acetate	4.29	43	7280	3.745	ug/l #	84
20) Methylene Chloride	4.50	84	15728	8.539	ug/l	94
43) Isopropyl Acetate	8.13	43	47525	10.380	ug/l #	90

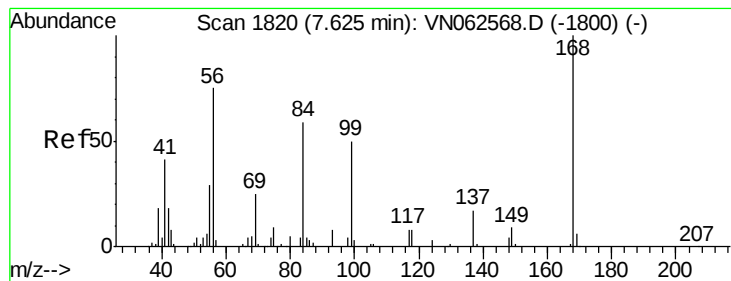
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073120\
Data File : VN062690.D
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Quant Time: Aug 01 07:03:12 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# 1821

Delta R.T. 0.00 min

Lab File: VN062690.D

Acq: 31 Jul 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

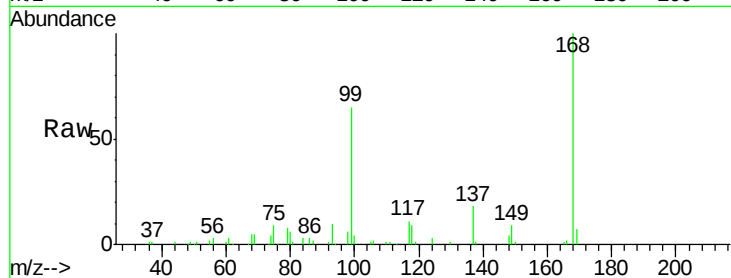
PB130640ZHE#13

Tot Ion:168 Resp: 131368

Ion Ratio Lower Upper

168 100

99 64.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

50000

40000

30000

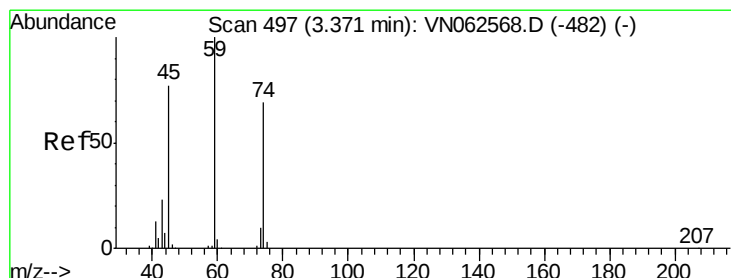
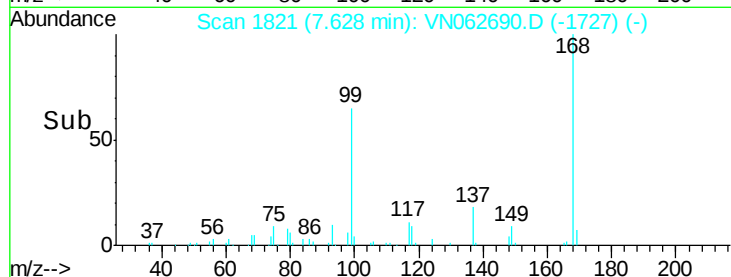
20000

10000

0

Time-->

7.55 7.60 7.65 7.70



#8

Diethyl Ether

Concen: 1.182 ug/l

RT: 3.37 min Scan# 496

Delta R.T. -0.00 min

Lab File: VN062690.D

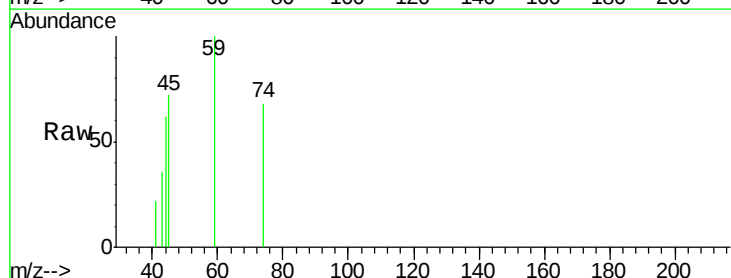
Acq: 31 Jul 2020 17:06

Tgt Ion: 74 Resp: 1196

Ion Ratio Lower Upper

74 100

45 117.6 55.3 165.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.37

800

600

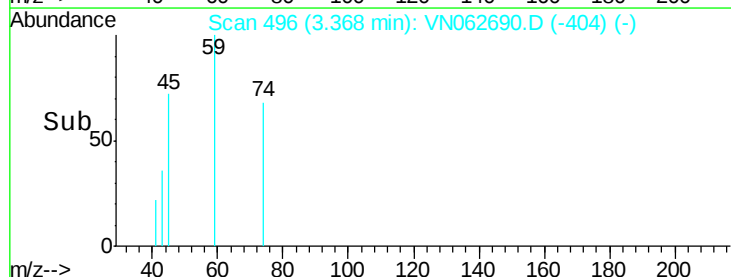
400

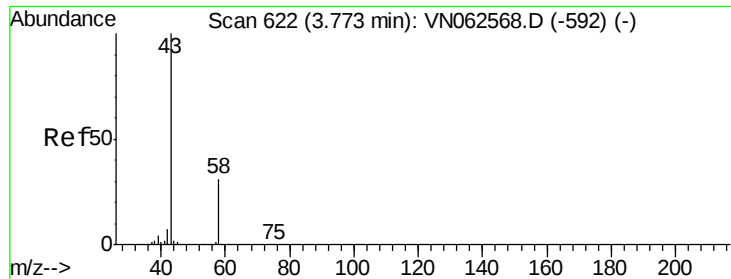
200

0

Time-->

3.35 3.40





#16

Acetone

Concen: 20.975 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062690.D

Acq: 31 Jul 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

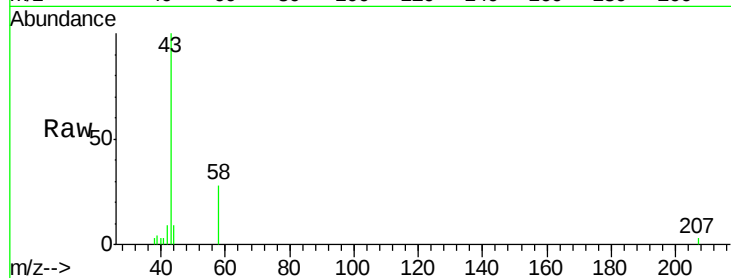
PB130640ZHE#13

Tot Ion: 43 Resp: 16108

Ion Ratio Lower Upper

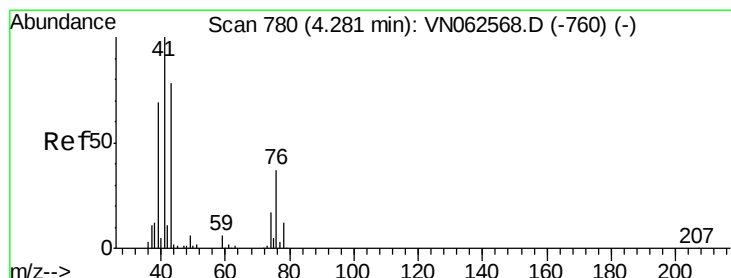
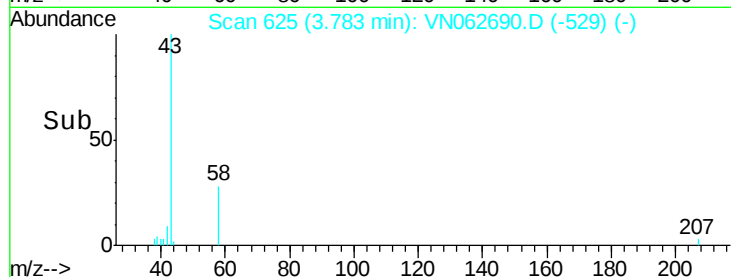
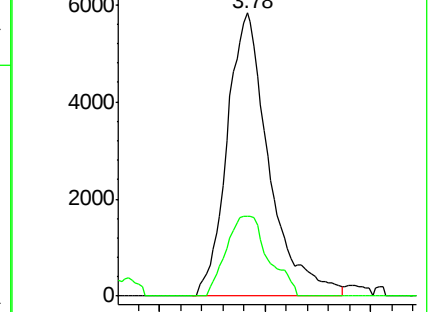
43 100

58 28.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN062690.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062690.D (-529) (-)



#18

Methyl Acetate

Concen: 3.745 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.01 min

Lab File: VN062690.D

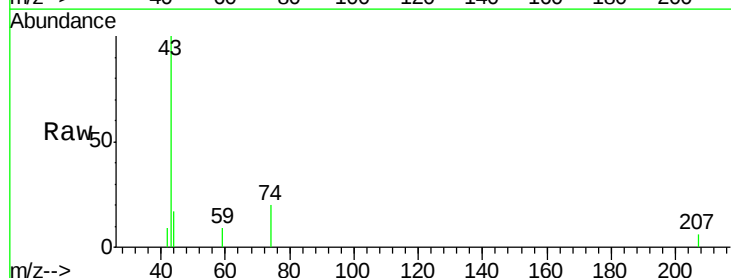
Acq: 31 Jul 2020 17:06

Tgt Ion: 43 Resp: 7280

Ion Ratio Lower Upper

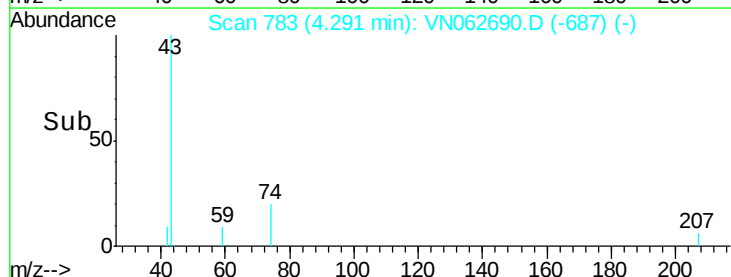
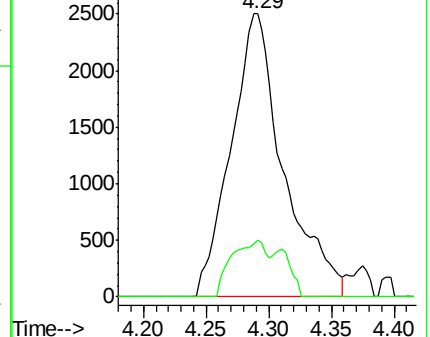
43 100

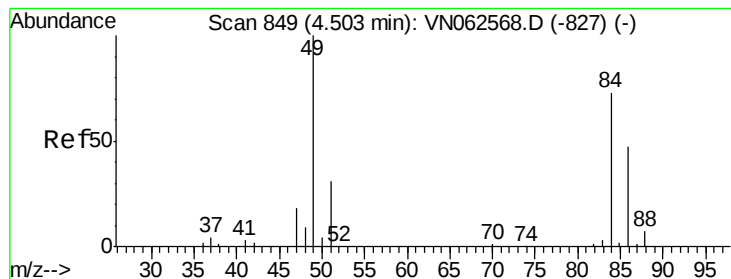
74 13.4 16.6 24.8#



Abundance Ion 43.00 (42.70 to 43.70): VN062690.D (-687) (-)

Ion 74.00 (73.70 to 74.70): VN062690.D (-687) (-)





#20

Methylene Chloride

Concen: 8.539 ug/l

RT: 4.50 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN062690.D

Acq: 31 Jul 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

PB130640ZHE#13

Tot Ion: 84 Resp: 15728

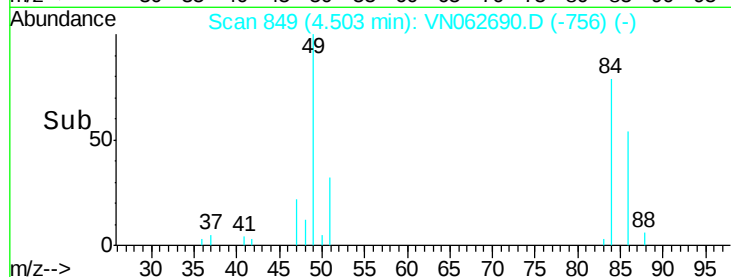
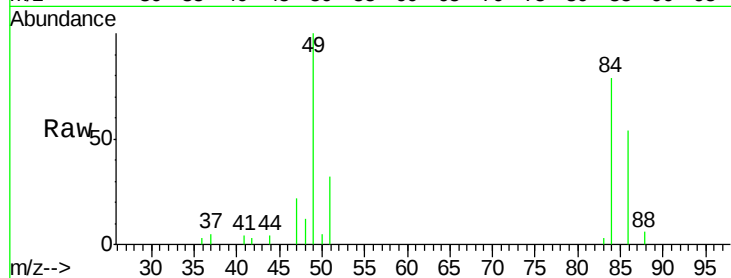
Ion Ratio Lower Upper

84 100

49 127.3 109.4 164.0

51 40.8 33.6 50.4

86 68.8 51.4 77.2

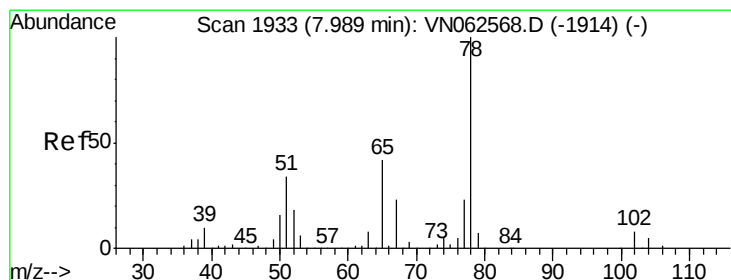
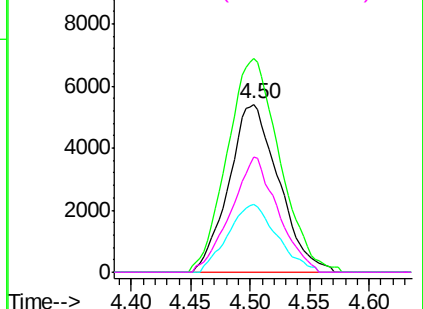


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 57.638 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062690.D

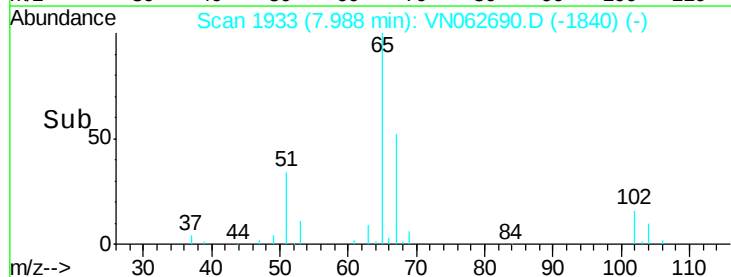
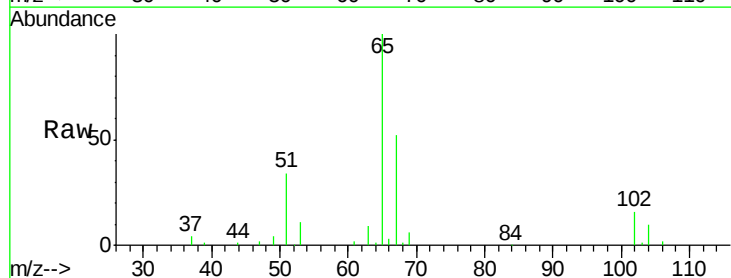
Acq: 31 Jul 2020 17:06

Tgt Ion: 65 Resp: 117624

Ion Ratio Lower Upper

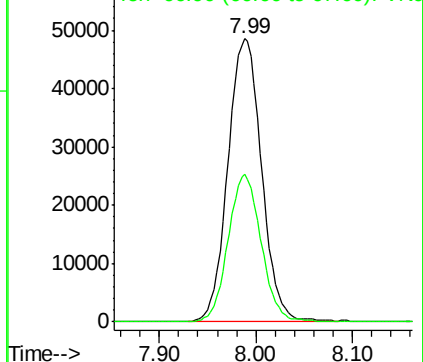
65 100

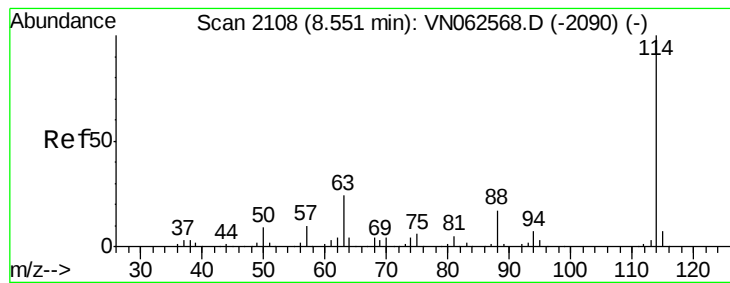
67 50.9 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062690.D

Acq: 31 Jul 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

PB130640ZHE#13

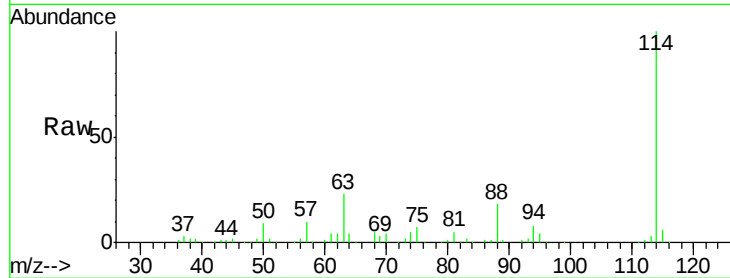
Tot Ion:114 Resp: 247185

Ion Ratio Lower Upper

114 100

63 23.5 0.0 48.4

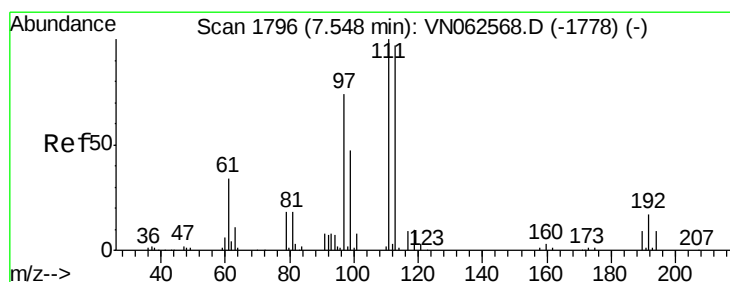
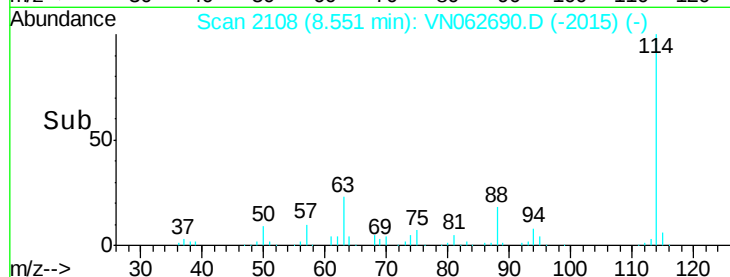
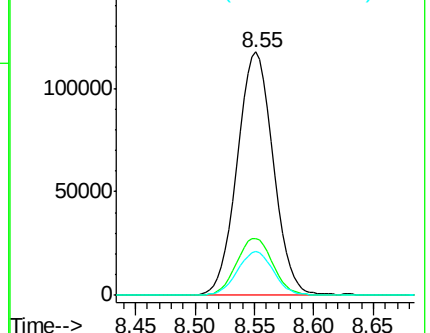
88 18.2 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.270 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062690.D

Acq: 31 Jul 2020 17:06

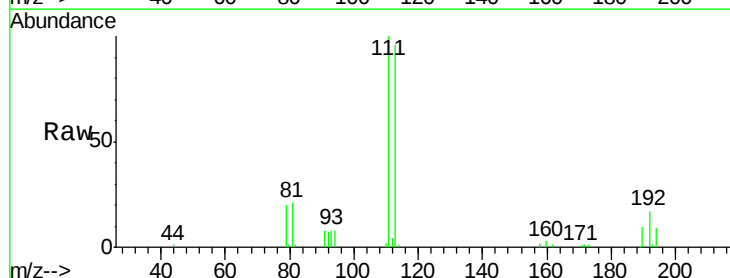
Tgt Ion:113 Resp: 81621

Ion Ratio Lower Upper

113 100

111 103.0 82.7 124.1

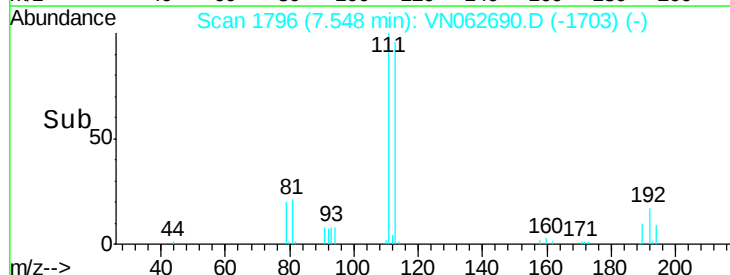
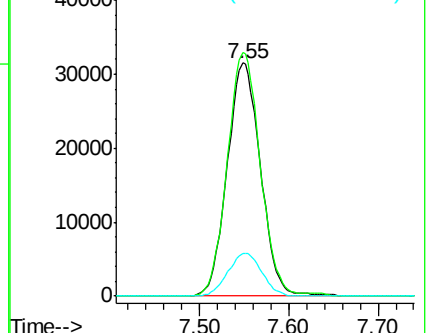
192 18.6 14.8 22.2

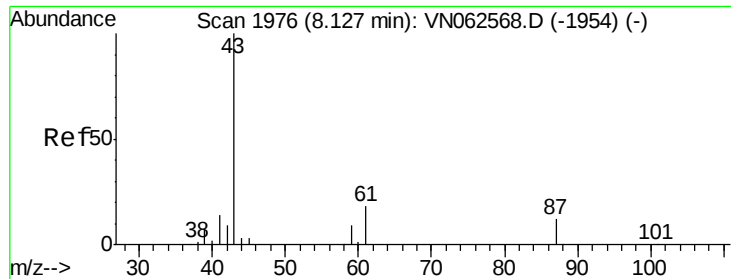


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.380 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062690.D

Acq: 31 Jul 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

PB130640ZHE#13

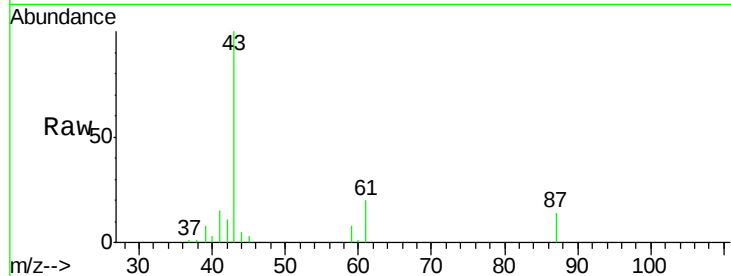
Tot Ion: 43 Resp: 47525

Ion Ratio Lower Upper

43 100

61 19.7 20.8 31.2#

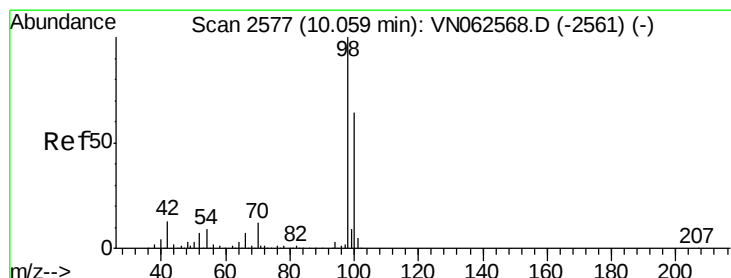
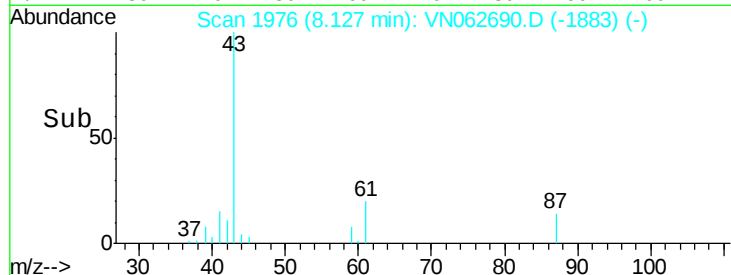
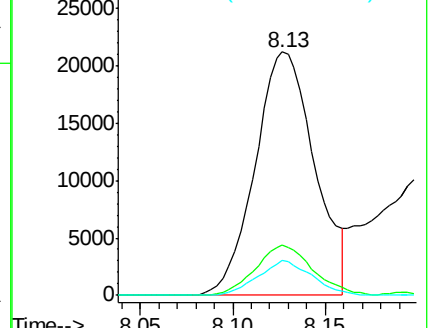
87 12.9 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062690.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062690.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062690.D (-1883) (-)



#50

Toluene-d8

Concen: 50.476 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062690.D

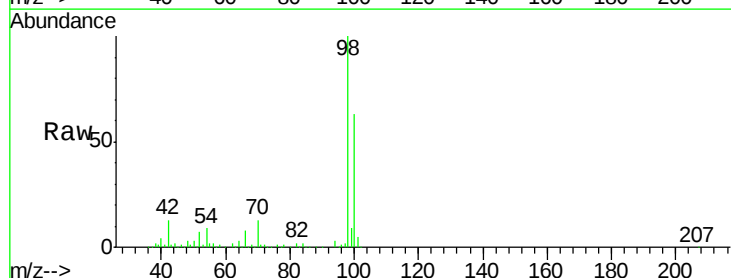
Acq: 31 Jul 2020 17:06

Tgt Ion: 98 Resp: 326995

Ion Ratio Lower Upper

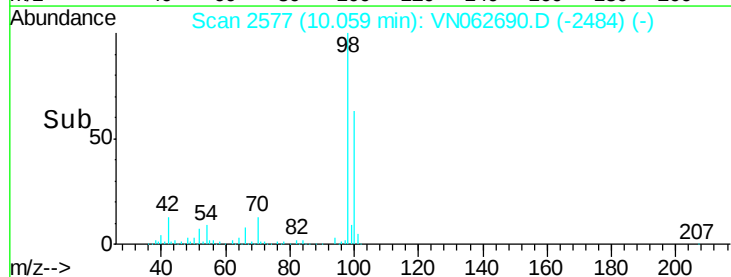
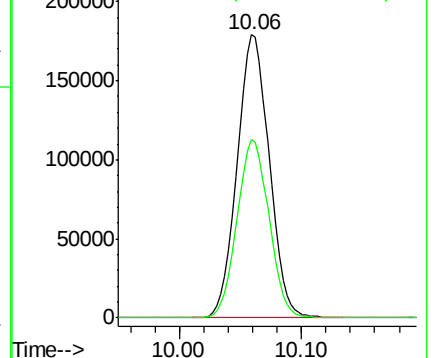
98 100

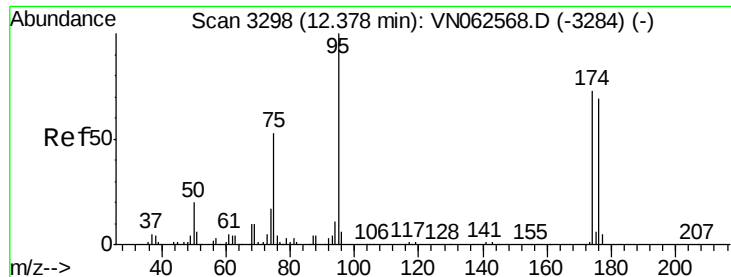
100 62.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062690.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN062690.D (-2484) (-)

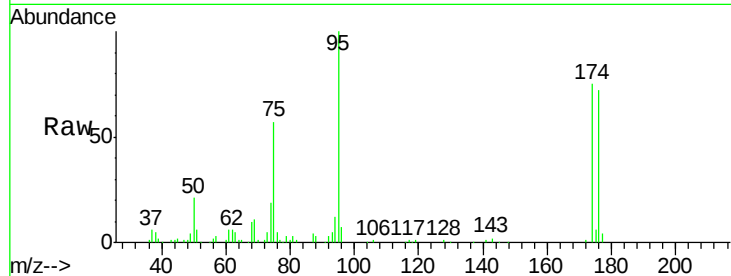




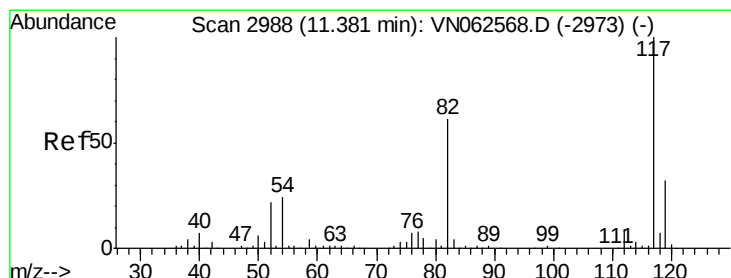
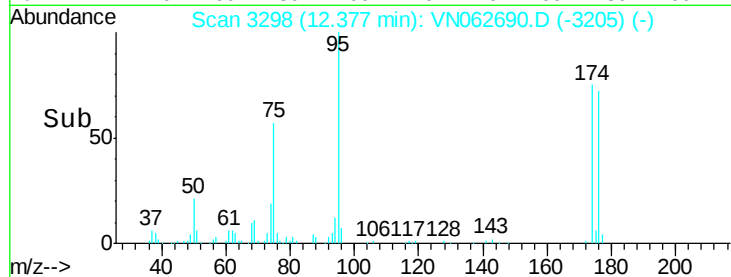
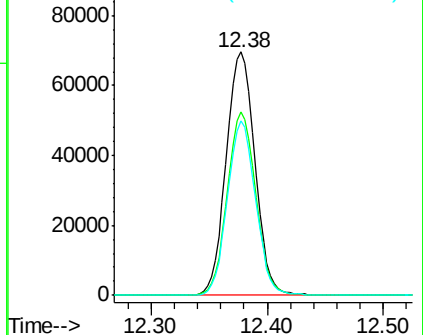
#62
4-Bromofluorobenzene
Concen: 50.316 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062690.D
Acq: 31 Jul 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
PB130640ZHE#13

Tot Ion: 95 Resp: 119186
Ion Ratio Lower Upper
95 100
174 74.7 0.0 144.6
176 70.0 0.0 139.4

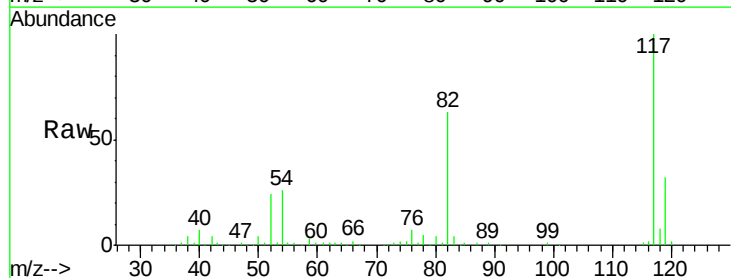


Abundance Ion 94.90 (94.60 to 95.60): VN062690.D (-3205) (-)
Ion 173.80 (173.50 to 174.50): VN062690.D (-3205) (-)
Ion 175.80 (175.50 to 176.50): VN062690.D (-3205) (-)

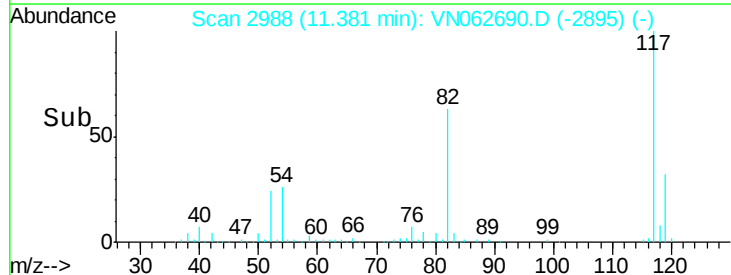
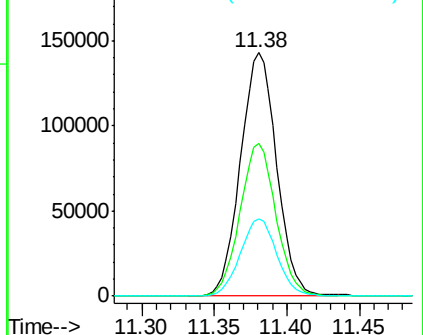


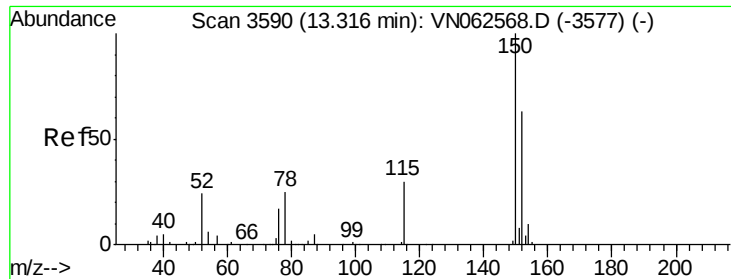
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062690.D
Acq: 31 Jul 2020 17:06

Tgt Ion: 117 Resp: 248660
Ion Ratio Lower Upper
117 100
82 62.8 49.0 73.6
119 31.8 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN062690.D (-2895) (-)
Ion 82.00 (81.70 to 82.70): VN062690.D (-2895) (-)
Ion 118.90 (118.60 to 119.60): VN062690.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: VN062690.D

Acq: 31 Jul 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

PB130640ZHE#13

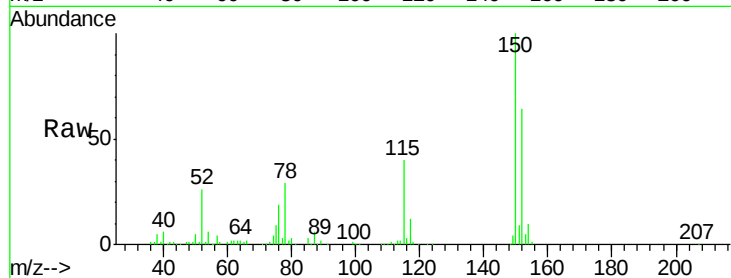
Tot Ion:152 Resp: 91455

Ion Ratio Lower Upper

152 100

115 62.7 31.8 95.4

150 153.9 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

