

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062681.D
 Acq On : 31 Jul 2020 13:29
 Operator : JC/MD
 Sample : PB130640ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130640ZHE#04

Quant Time: Aug 01 06:44:01 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

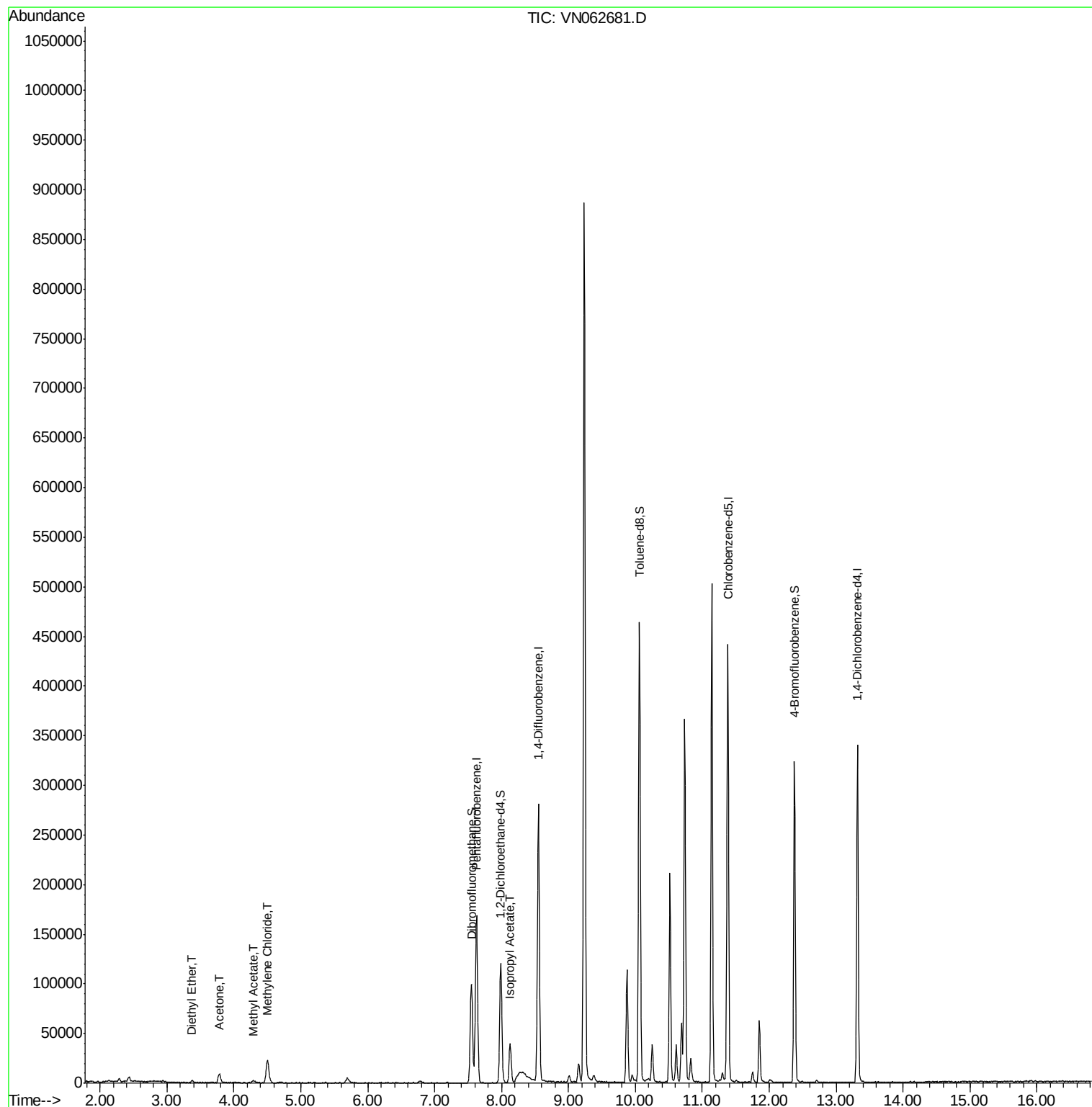
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	128665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	231279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	235307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	86229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	112168	56.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.24%	
35) Dibromofluoromethane	7.55	113	76664	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
50) Toluene-d8	10.06	98	308764	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.38	95	113568	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
Target Compounds						
8) Diethyl Ether	3.37	74	1170	1.181	ug/l	97
16) Acetone	3.78	43	15817	21.029	ug/l	98
18) Methyl Acetate	4.29	43	4383	2.302	ug/l	96
20) Methylene Chloride	4.50	84	16350	9.063	ug/l	99
43) Isopropyl Acetate	8.13	43	47089	10.992	ug/l #	91

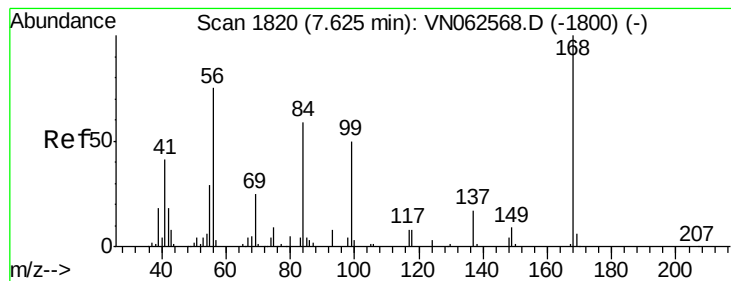
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 01 06:44:01 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: VN062681.D

Acq: 31 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

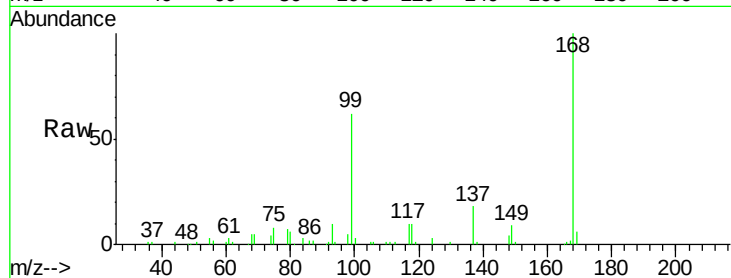
PB130640ZHE#04

Tot Ion:168 Resp: 128665

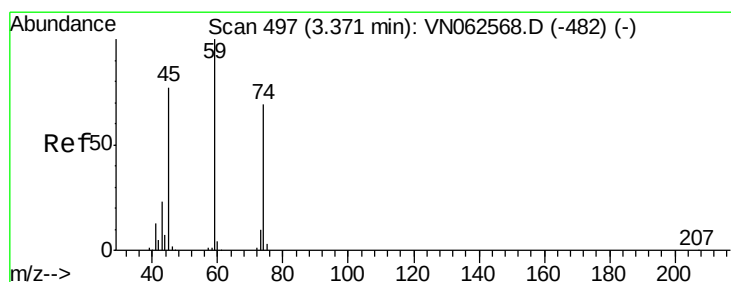
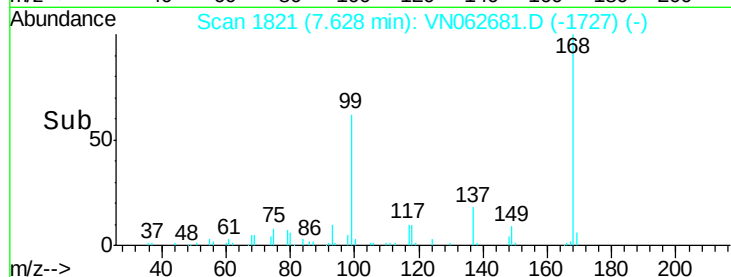
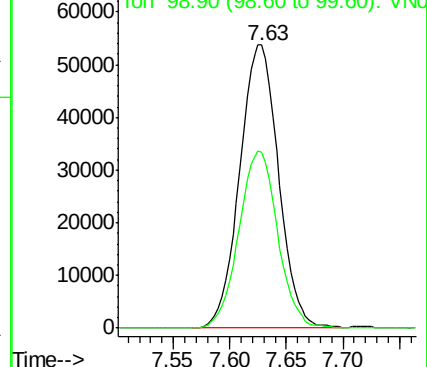
Ion Ratio Lower Upper

168 100

99 62.1 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VN062681.D (-1727) (-)



#8

Diethyl Ether

Concen: 1.181 ug/l

RT: 3.37 min Scan# 497

Delta R.T. -0.00 min

Lab File: VN062681.D

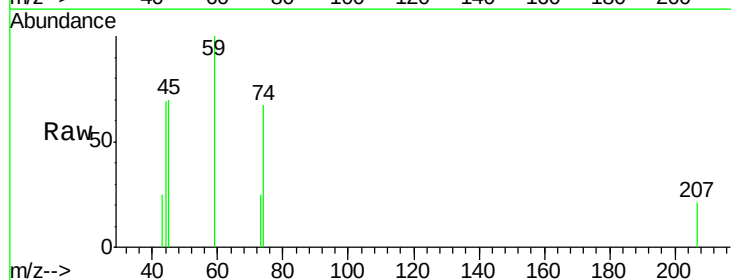
Acq: 31 Jul 2020 13:29

Tgt Ion: 74 Resp: 1170

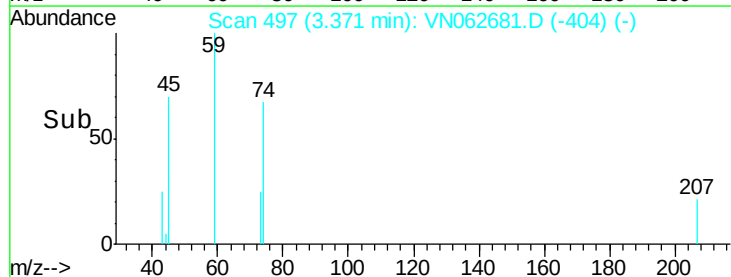
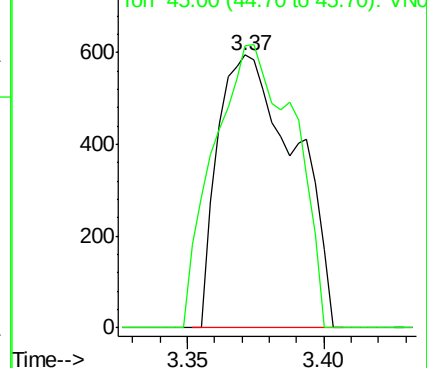
Ion Ratio Lower Upper

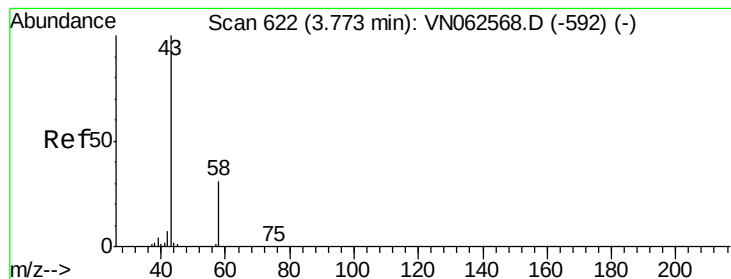
74 100

45 107.7 55.3 165.8



Abundance Ion 74.00 (73.70 to 74.70): VN062681.D (-404) (-)





#16

Acetone

Concen: 21.029 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062681.D

Acq: 31 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

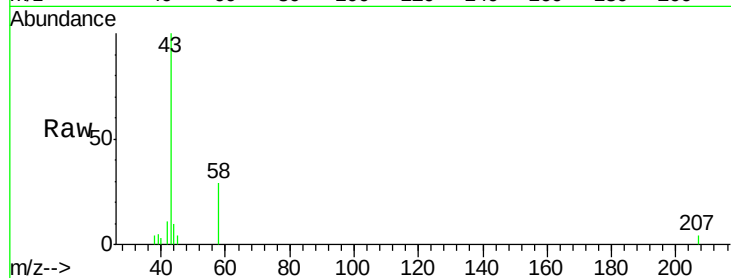
PB130640ZHE#04

Tot Ion: 43 Resp: 15817

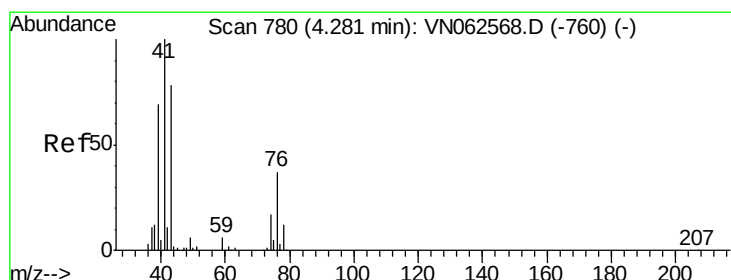
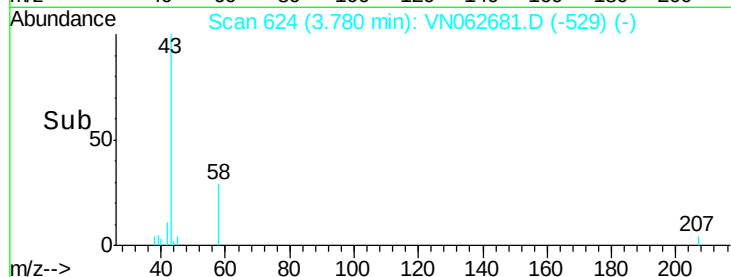
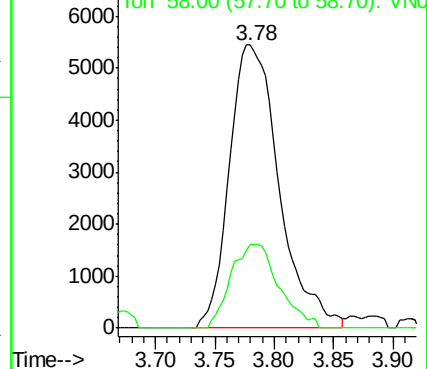
Ion Ratio Lower Upper

43 100

58 29.5 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN062681.D (-529) (-)



#18

Methyl Acetate

Concen: 2.302 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.01 min

Lab File: VN062681.D

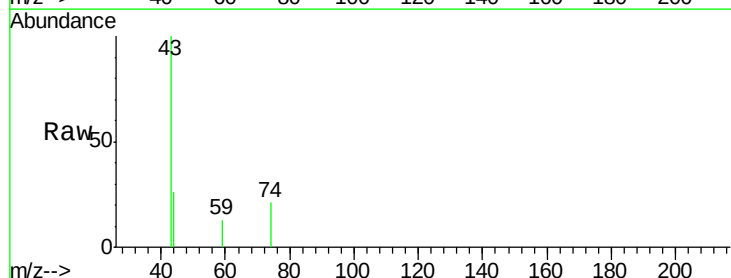
Acq: 31 Jul 2020 13:29

Tgt Ion: 43 Resp: 4383

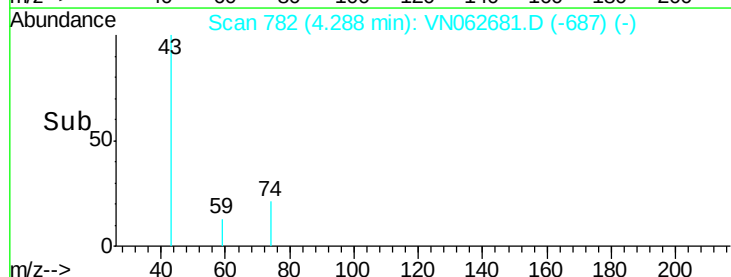
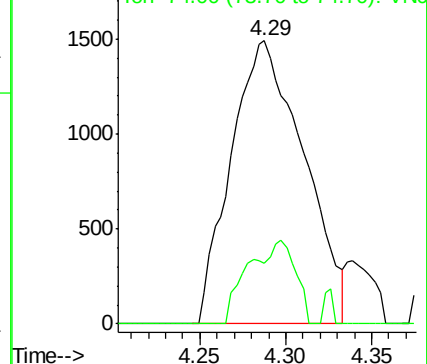
Ion Ratio Lower Upper

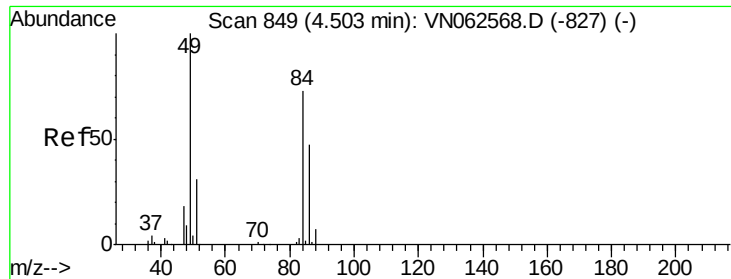
43 100

74 19.0 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VN062681.D (-687) (-)

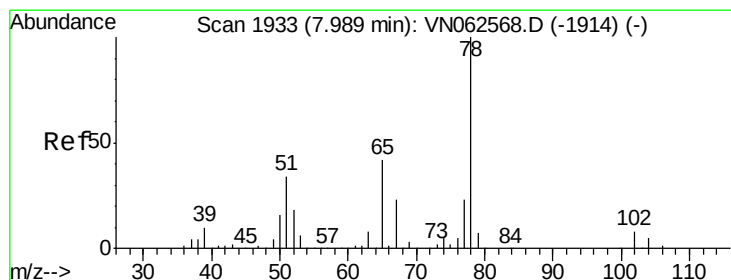
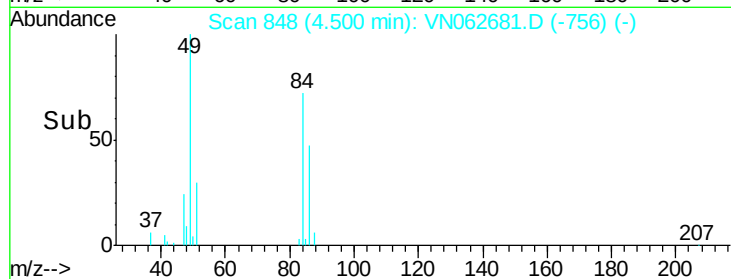
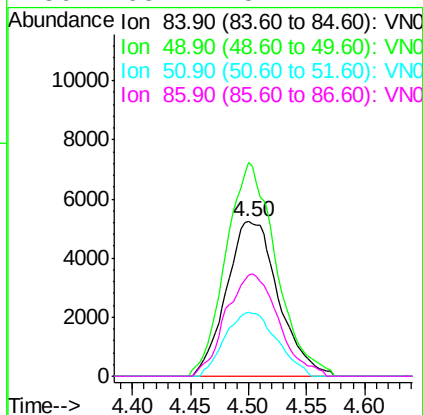
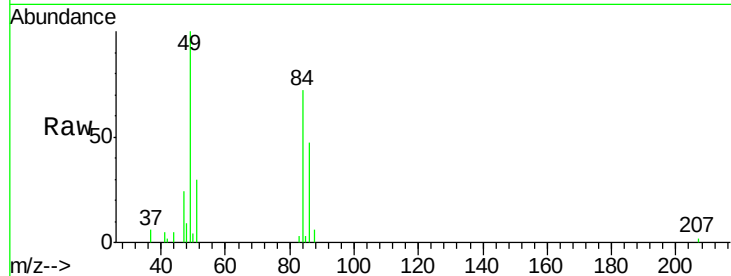




#20
Methylene Chloride
Concen: 9.063 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062681.D
Acq: 31 Jul 2020 13:29

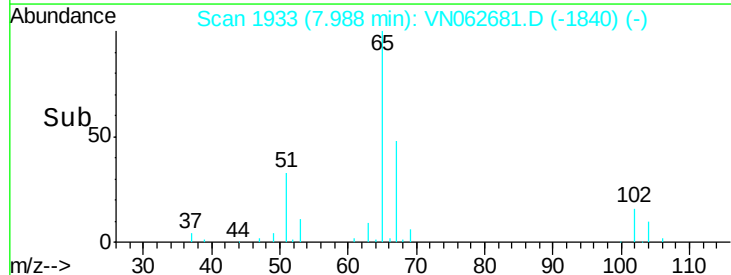
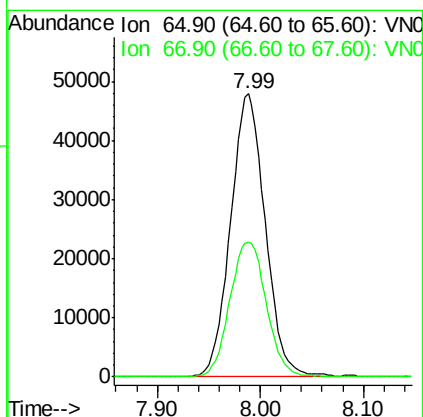
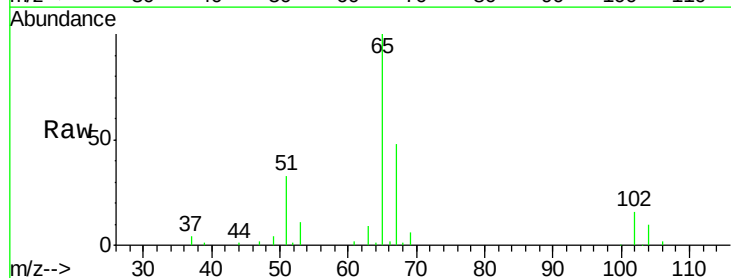
Instrument :
MSVOA_N
ClientSampleId :
PB130640ZHE#04

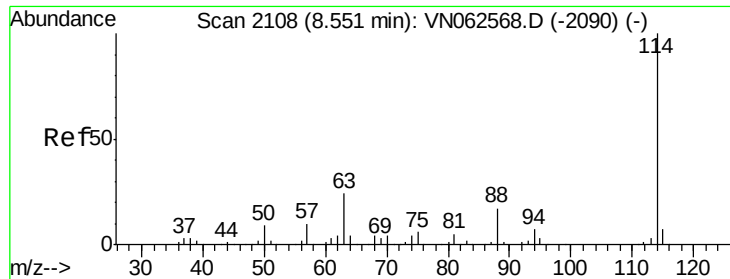
Tot Ion: 84 Resp: 16350
Ion Ratio Lower Upper
84 100
49 138.3 109.4 164.0
51 41.2 33.6 50.4
86 65.2 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 56.119 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062681.D
Acq: 31 Jul 2020 13:29

Tgt Ion: 65 Resp: 112168
Ion Ratio Lower Upper
65 100
67 50.1 0.0 106.0

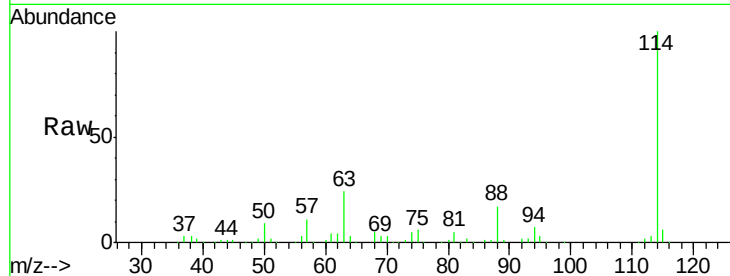




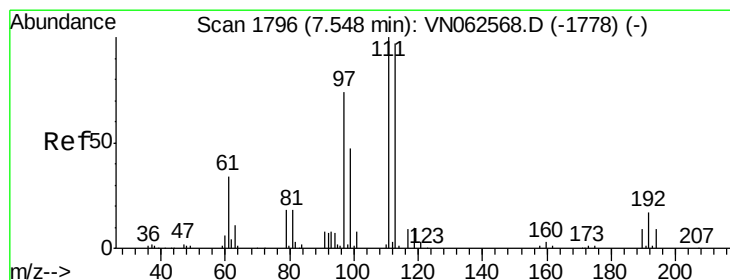
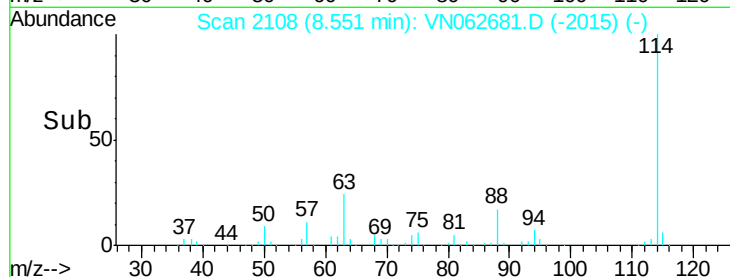
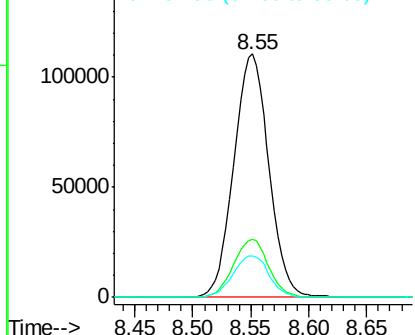
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062681.D
 Acq: 31 Jul 2020 13:29

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130640ZHE#04

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	48.4
88	16.9	0.0	33.8

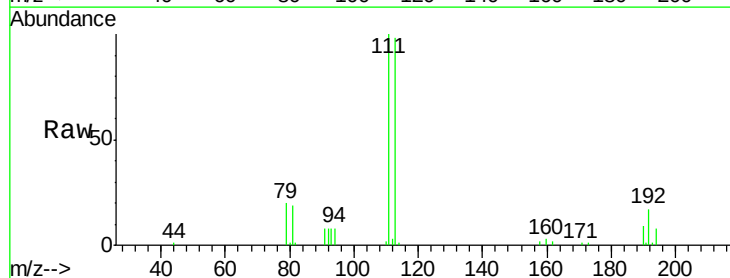


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

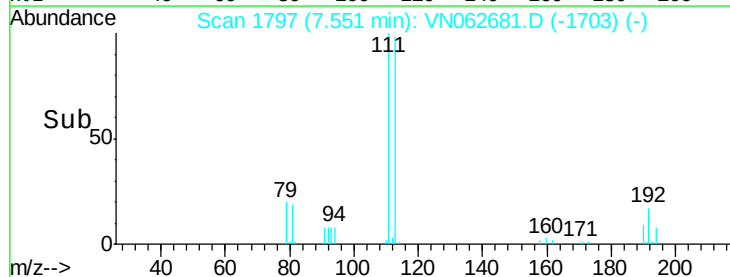
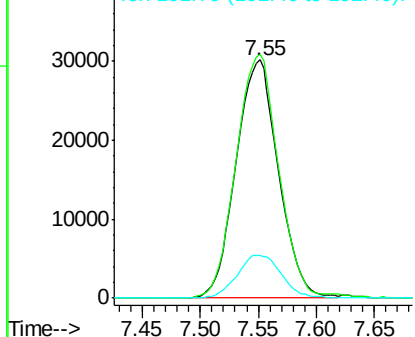


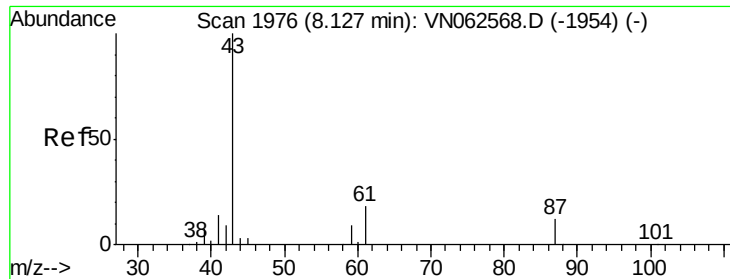
#35
 Dibromofluoromethane
 Concen: 50.464 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062681.D
 Acq: 31 Jul 2020 13:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.7	124.1
192	18.7	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: 10.992 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062681.D

Acq: 31 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

PB130640ZHE#04

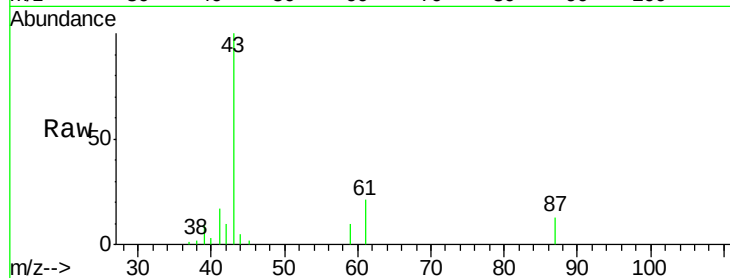
Tot Ion: 43 Resp: 47089

Ion Ratio Lower Upper

43 100

61 19.6 20.8 31.2#

87 12.2 9.2 13.8

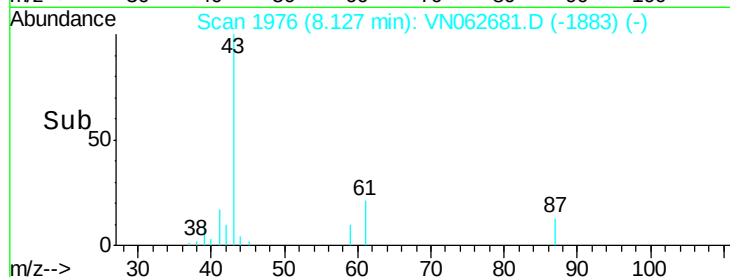


Abundance Ion 43.00 (42.70 to 43.70): VN062681.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062681.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062681.D (-1954) (-)

Time-->



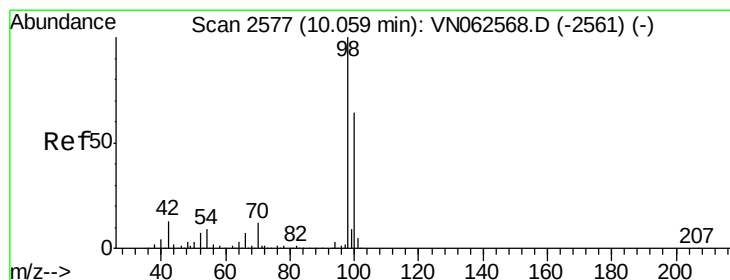
Abundance

Ion 43.00 (42.70 to 43.70): VN062681.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062681.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062681.D (-1883) (-)

Time-->



#50

Toluene-d8

Concen: 50.939 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062681.D

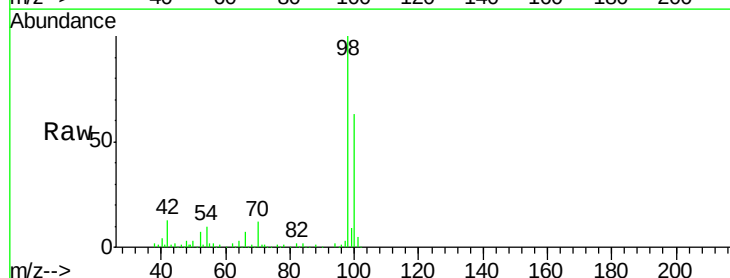
Acq: 31 Jul 2020 13:29

Tgt Ion: 98 Resp: 308764

Ion Ratio Lower Upper

98 100

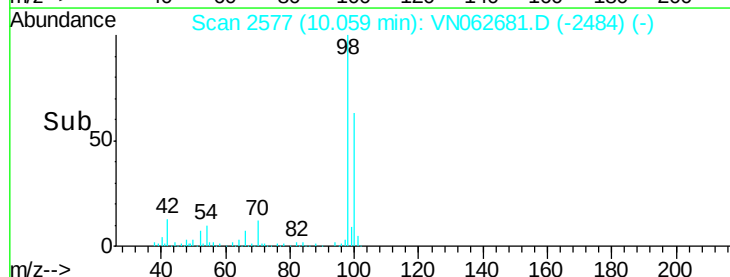
100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062681.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062681.D (-2561) (-)

Time-->

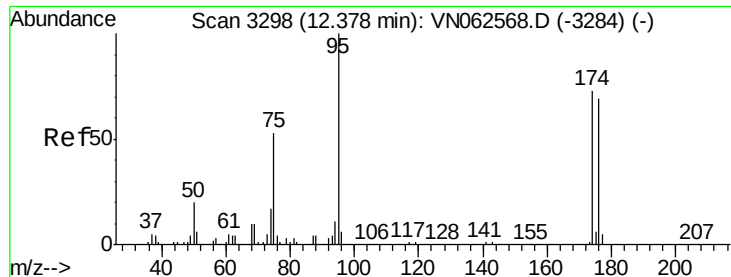


Abundance

Ion 98.00 (97.70 to 98.70): VN062681.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN062681.D (-2484) (-)

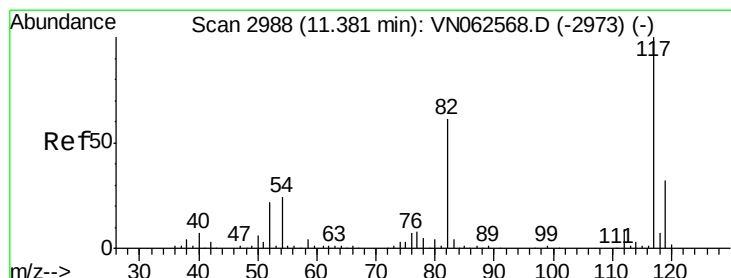
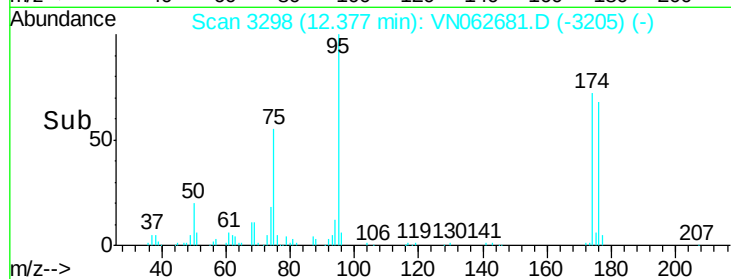
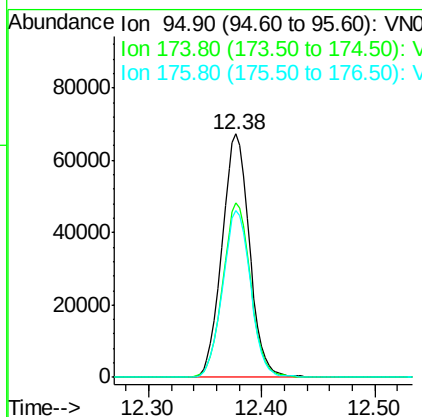
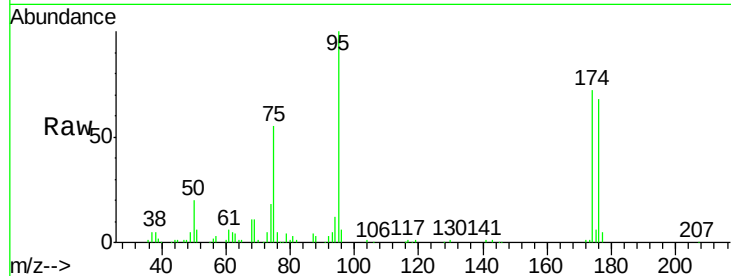
Time-->



#62
4-Bromofluorobenzene
Concen: 51.242 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062681.D
Acq: 31 Jul 2020 13:29

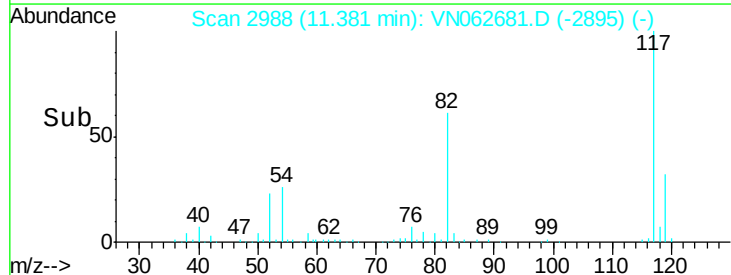
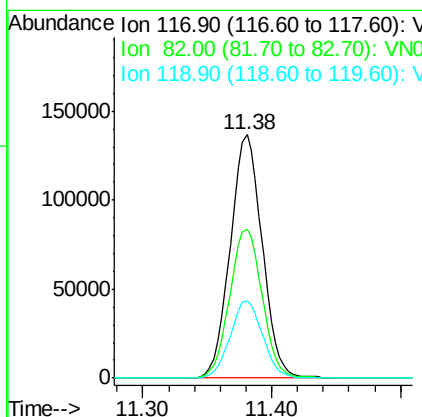
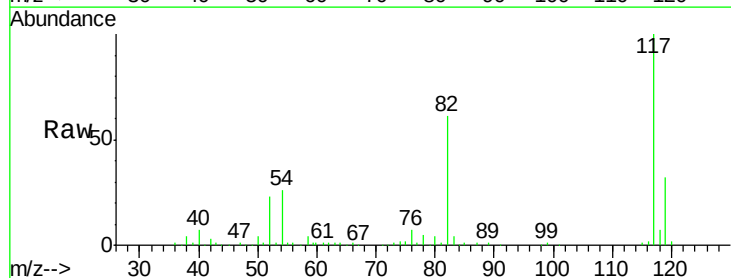
Instrument :
MSVOA_N
ClientSampleId :
PB130640ZHE#04

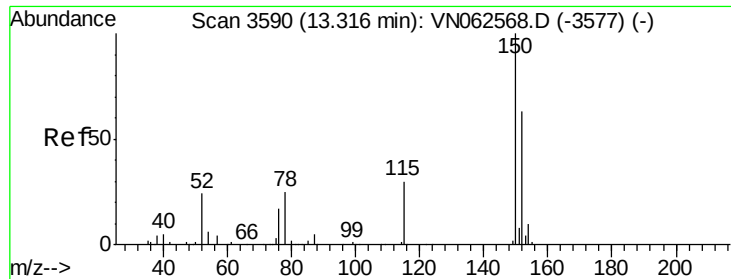
Tot Ion: 95 Resp: 113568
Ion Ratio Lower Upper
95 100
174 72.5 0.0 144.6
176 69.7 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062681.D
Acq: 31 Jul 2020 13:29

Tgt Ion: 117 Resp: 235307
Ion Ratio Lower Upper
117 100
82 61.0 49.0 73.6
119 32.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062681.D

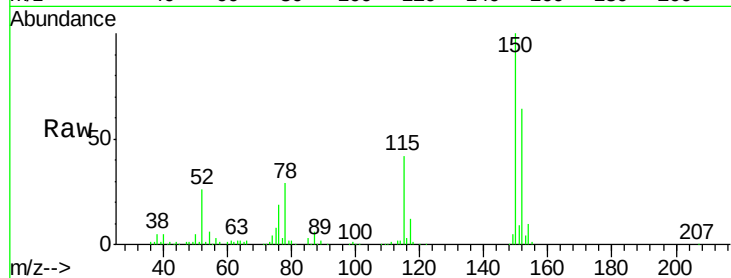
Acq: 31 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

PB130640ZHE#04



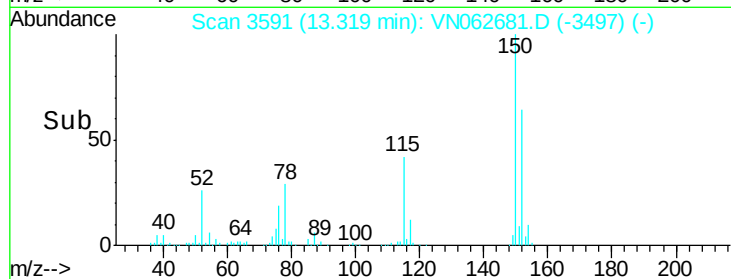
Tot Ion:152 Resp: 86229

Ion Ratio Lower Upper

152 100

115 63.8 31.8 95.4

150 158.2 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

