

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071520\
 Data File : VN062539.D
 Acq On : 15 Jul 2020 16:32
 Operator : JC/MD
 Sample : L3188-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-071420

Quant Time: Jul 16 03:02:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

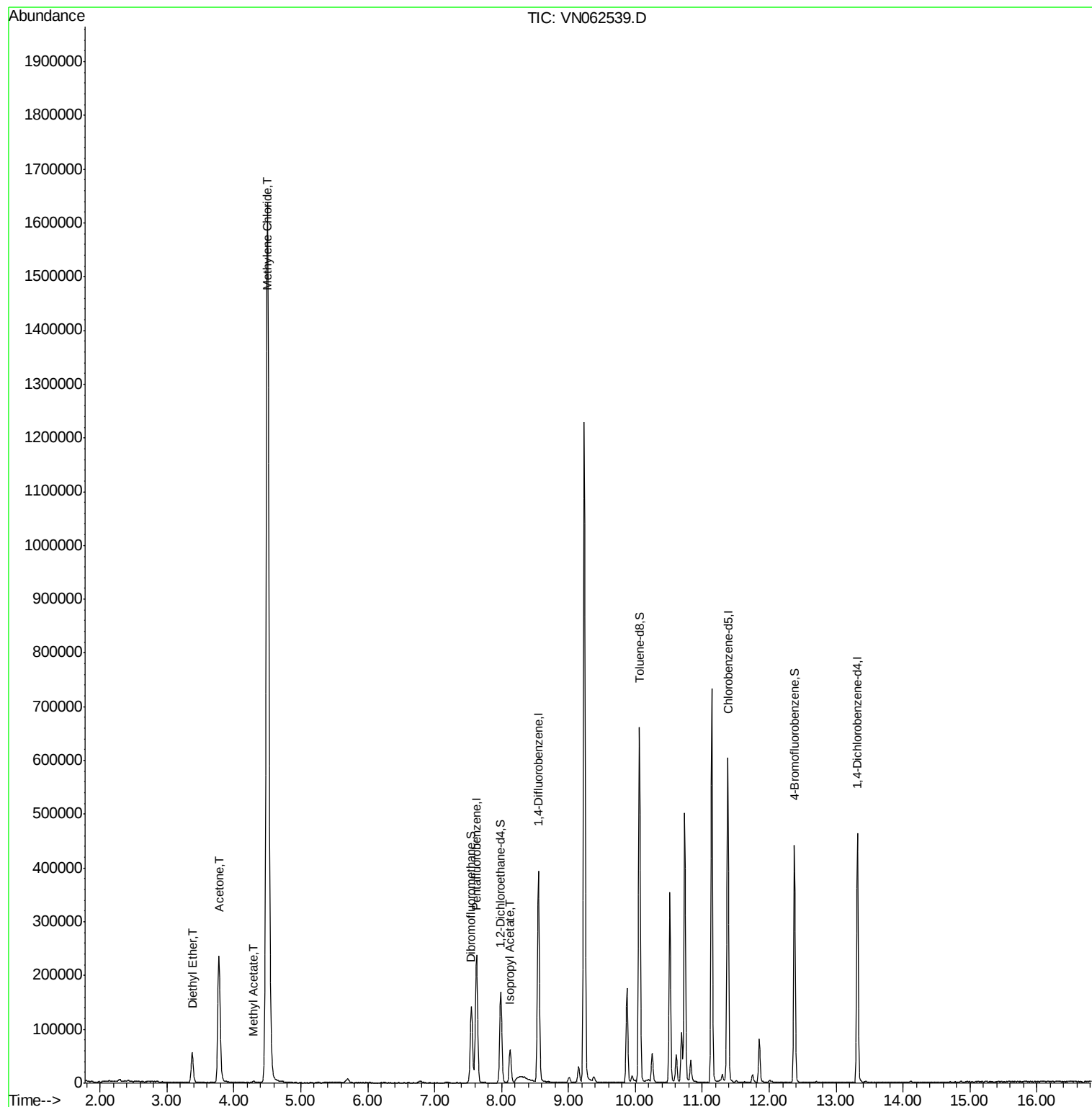
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	185823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	338115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	332330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	144123	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
35) Dibromofluoromethane	7.55	113	107397	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
50) Toluene-d8	10.06	98	443443	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
62) 4-Bromofluorobenzene	12.38	95	159236	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
Target Compounds						
8) Diethyl Ether	3.37	74	26837	18.992	ug/l	96
16) Acetone	3.78	43	398424	328.336	ug/l	97
18) Methyl Acetate	4.28	43	5376	1.775	ug/l #	88
20) Methylene Chloride	4.50	84	1172079	451.756	ug/l	94
43) Isopropyl Acetate	8.13	43	74330	11.813	ug/l	93

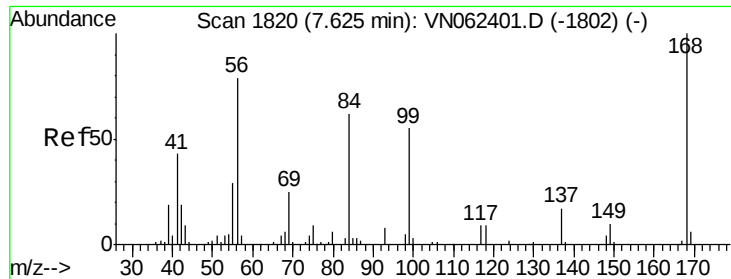
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 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: VN062539.D

Acq: 15 Jul 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

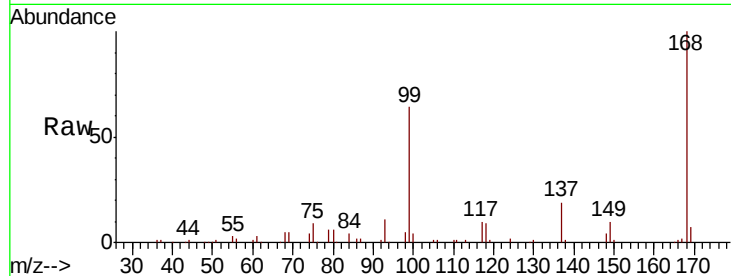
TR-05-071420

Tot Ion:168 Resp: 185823

Ion Ratio Lower Upper

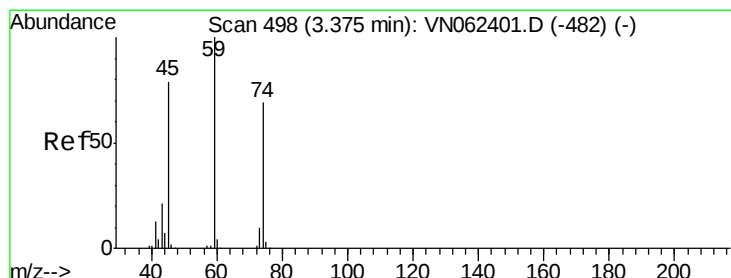
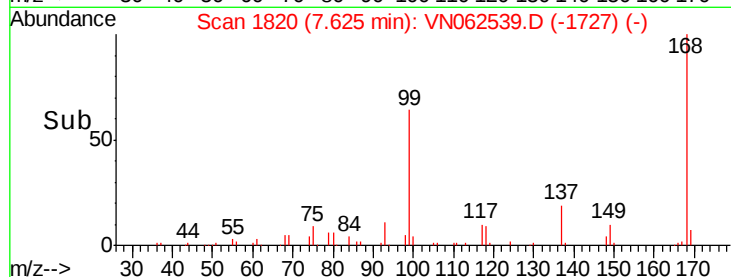
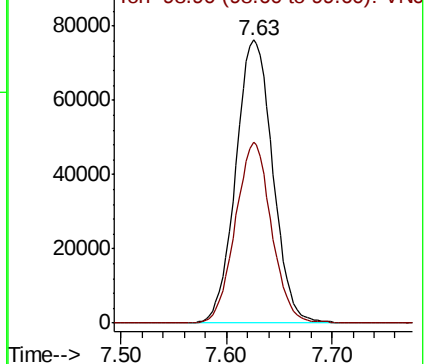
168 100

99 63.8 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#8

Diethyl Ether

Concen: 18.992 ug/l

RT: 3.37 min Scan# 498

Delta R.T. 0.00 min

Lab File: VN062539.D

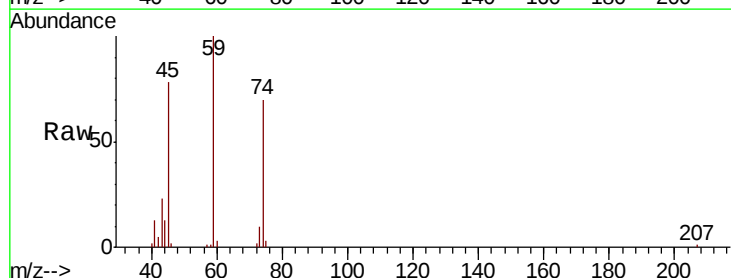
Acq: 15 Jul 2020 16:32

Tgt Ion: 74 Resp: 26837

Ion Ratio Lower Upper

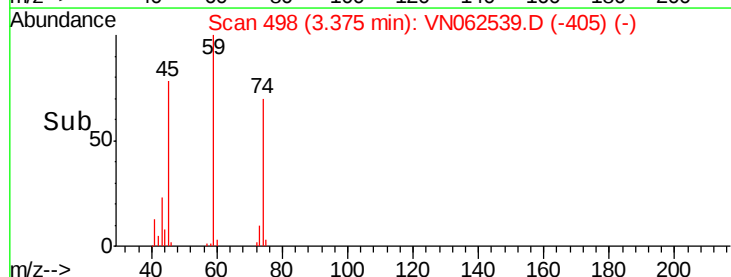
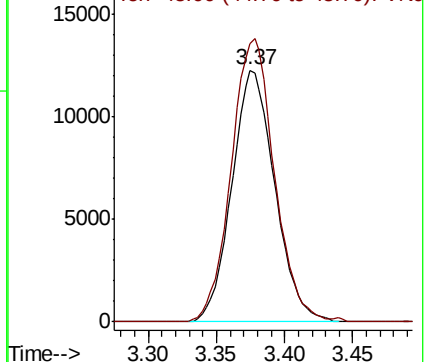
74 100

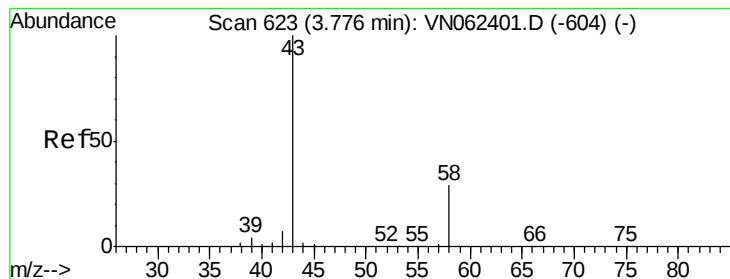
45 112.9 58.5 175.3



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0





#16

Acetone

Concen: 328.336 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062539.D

Acq: 15 Jul 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

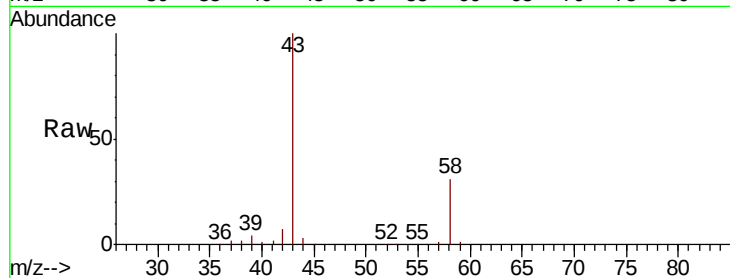
TR-05-071420

Tot Ion: 43 Resp: 398424

Ion Ratio Lower Upper

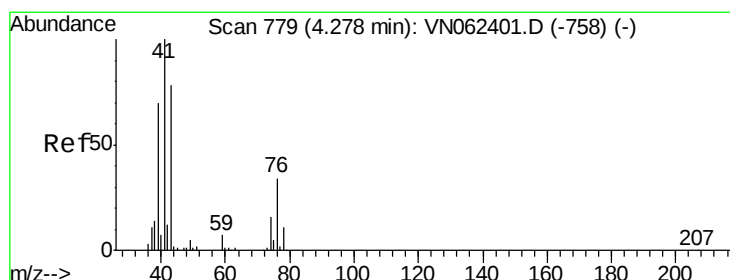
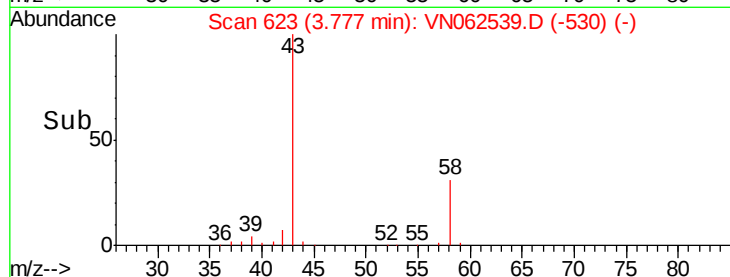
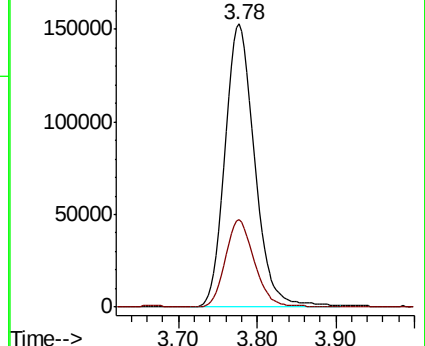
43 100

58 31.0 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.775 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.01 min

Lab File: VN062539.D

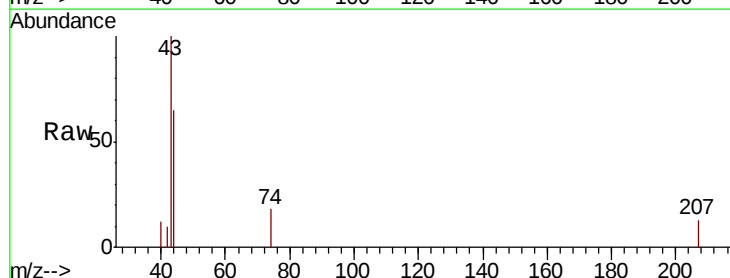
Acq: 15 Jul 2020 16:32

Tgt Ion: 43 Resp: 5376

Ion Ratio Lower Upper

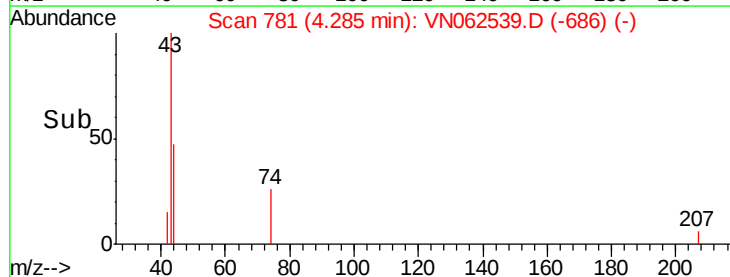
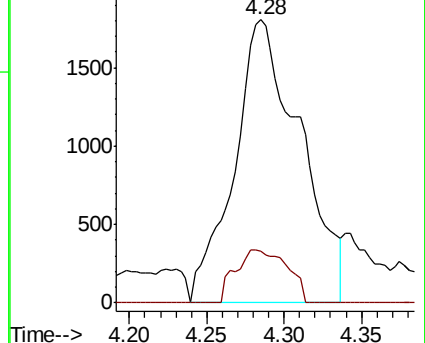
43 100

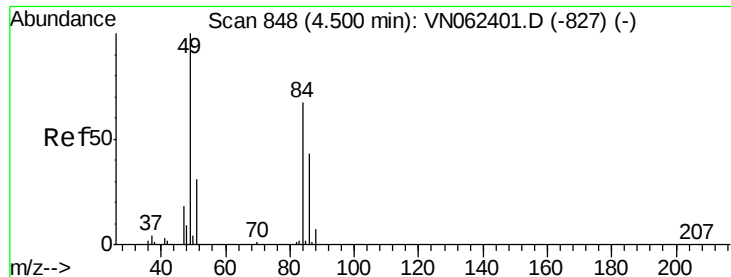
74 14.5 16.0 24.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



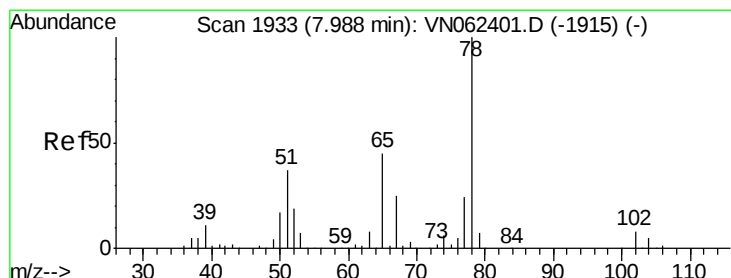
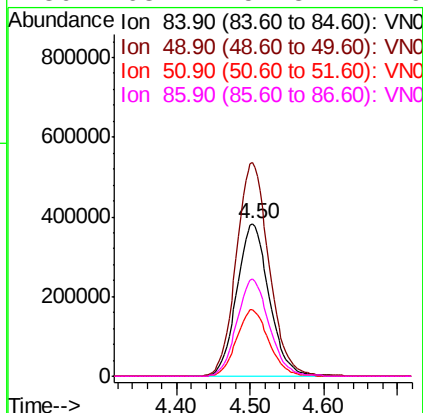
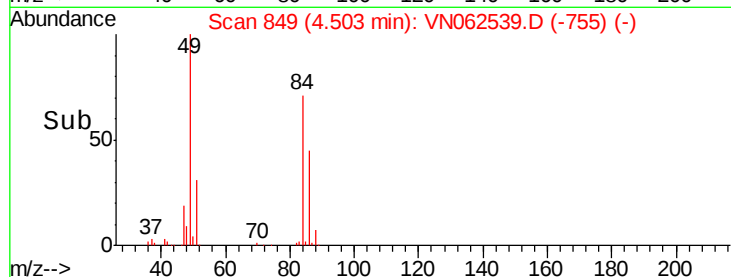
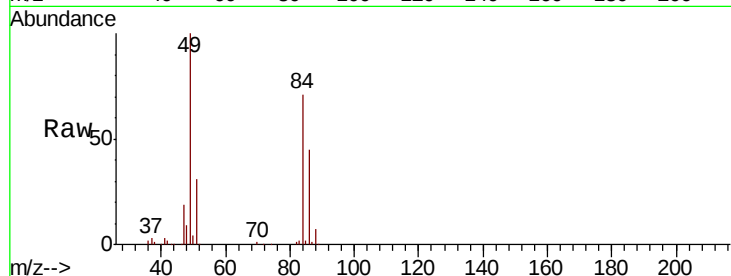


#20
Methvlene Chloride
Concen: 451.756 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062539.D
Acq: 15 Jul 2020 16:32

Instrument :
MSVOA_N
ClientSampleId :
TR-05-071420

Tot Ion: 84 Resp: 1172079

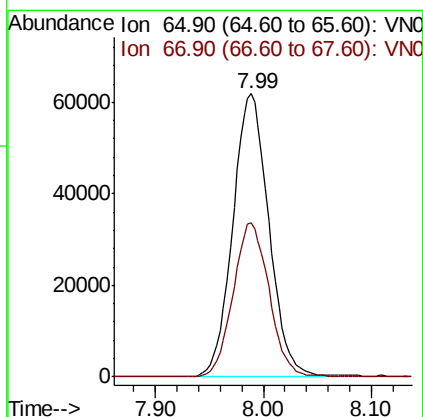
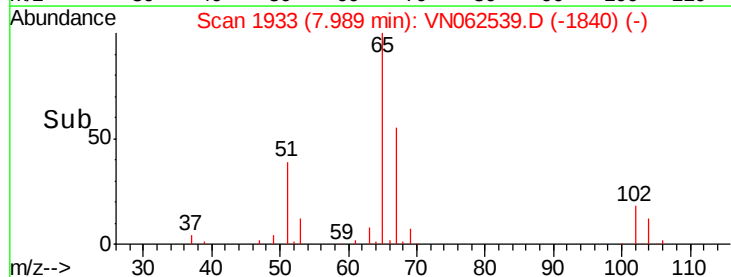
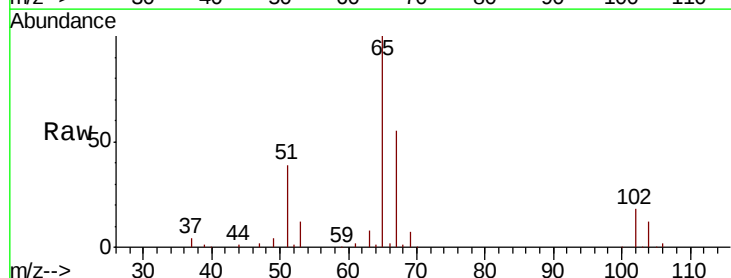
Ion	Ratio	Lower	Upper
84	100		
49	140.2	120.0	180.0
51	43.4	37.0	55.6
86	63.4	51.8	77.6

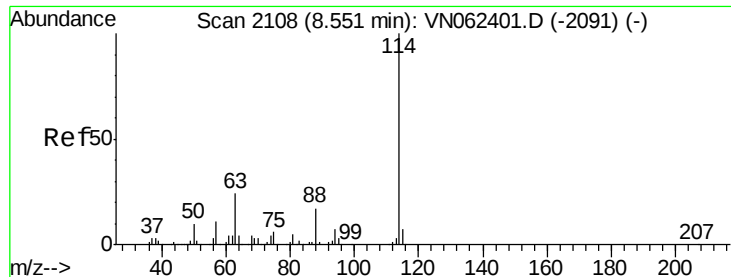


#33
1,2-Dichloroethane-d4
Concen: 50.424 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062539.D
Acq: 15 Jul 2020 16:32

Tgt Ion: 65 Resp: 144123

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.6

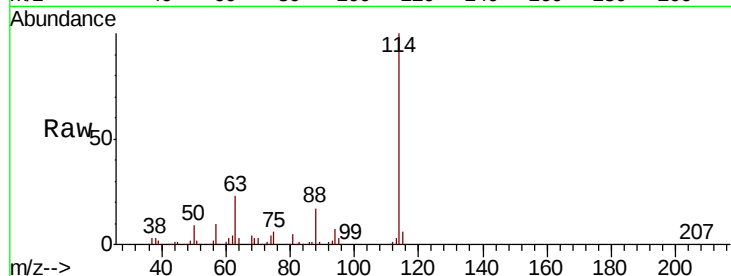




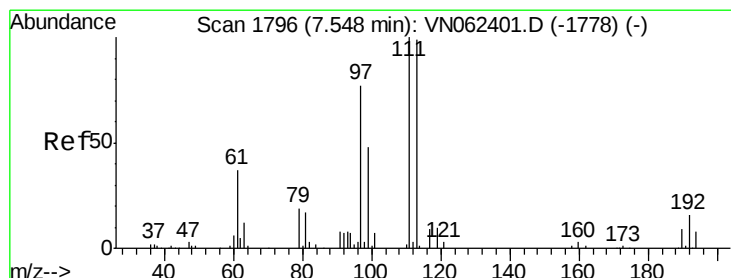
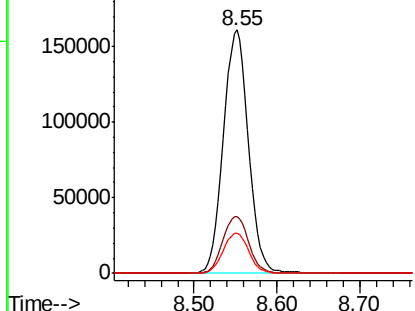
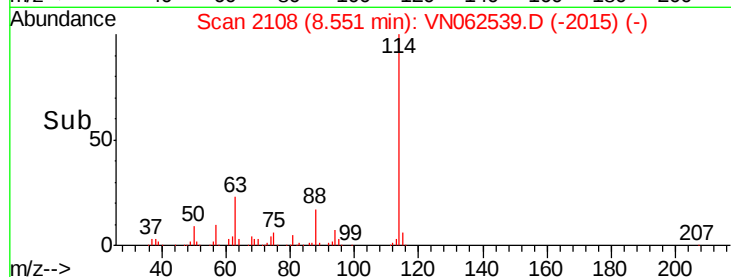
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062539.D
 Acq: 15 Jul 2020 16:32

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-071420

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	48.4
88	16.7	0.0	33.8

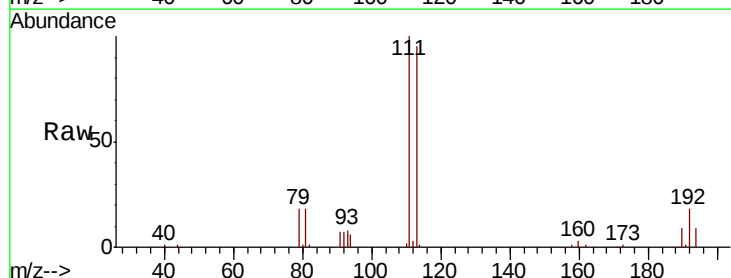


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

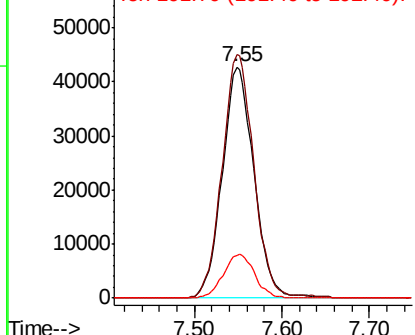
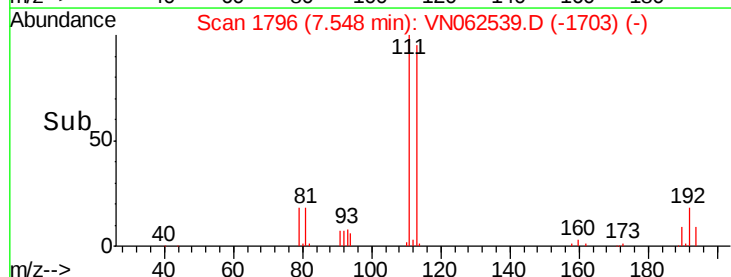


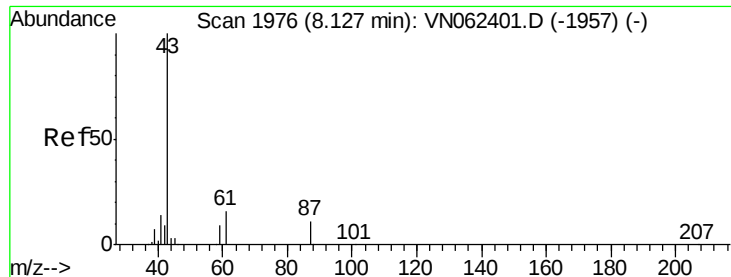
#35
 Dibromofluoromethane
 Concen: 51.386 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062539.D
 Acq: 15 Jul 2020 16:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.1	124.7
192	18.6	14.1	21.1



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

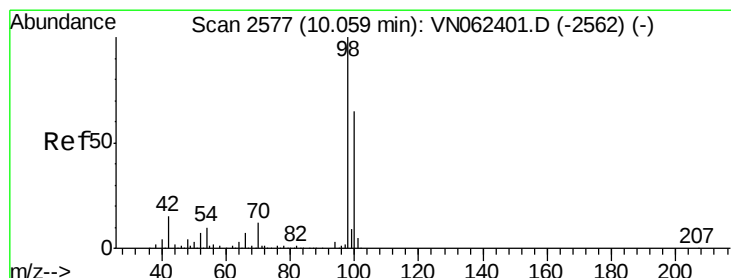
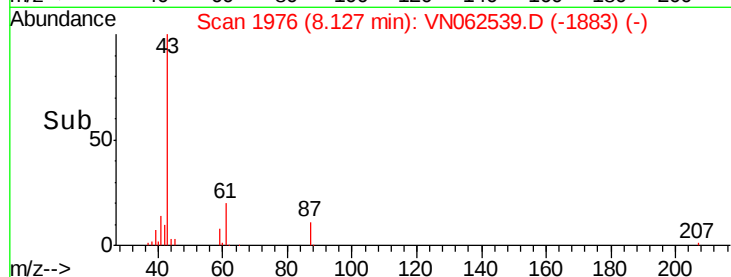
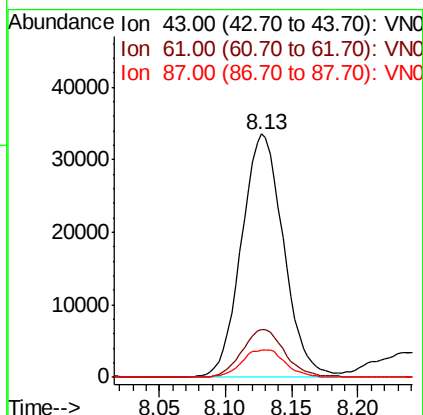
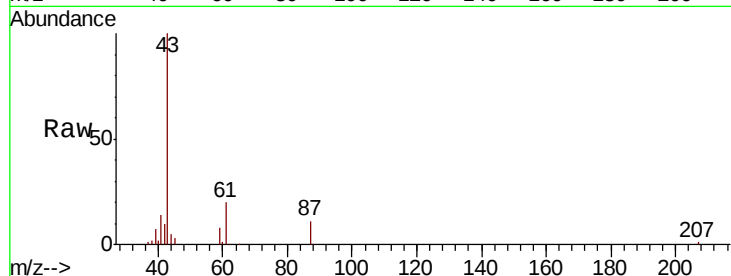




#43
Isopropyl Acetate
Concen: 11.813 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062539.D
Acq: 15 Jul 2020 16:32

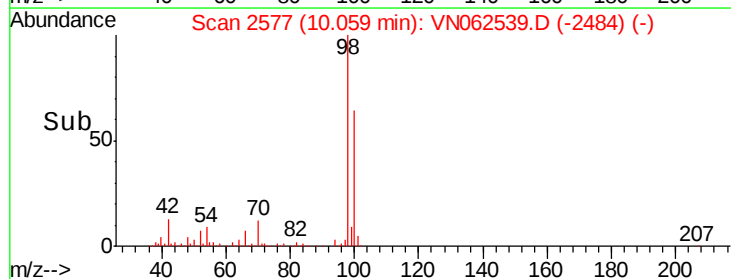
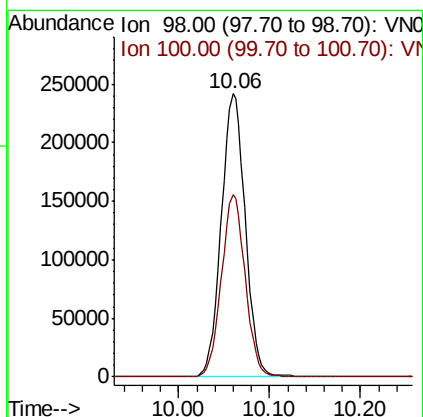
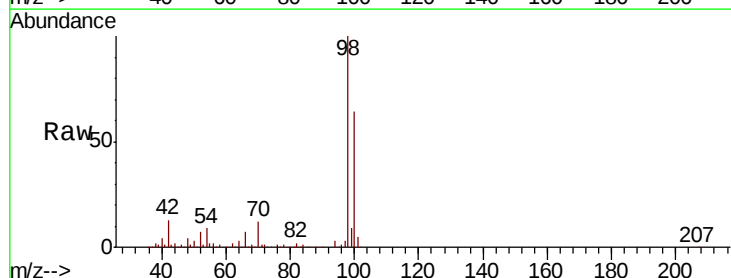
Instrument :
MSVOA_N
ClientSampleId :
TR-05-071420

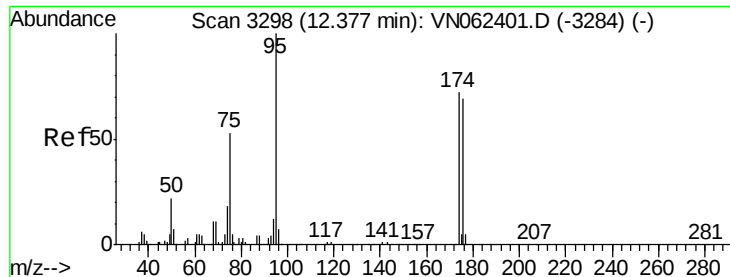
Tot Ion: 43 Resp: 74330
Ion Ratio Lower Upper
43 100
61 19.9 19.3 28.9
87 11.7 8.6 13.0



#50
Toluene-d8
Concen: 53.746 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062539.D
Acq: 15 Jul 2020 16:32

Tgt Ion: 98 Resp: 443443
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 52.813 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062539.D

Acq: 15 Jul 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

TR-05-071420

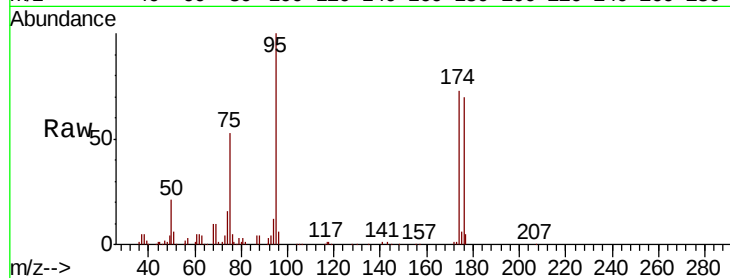
Tot Ion: 95 Resp: 159236

Ion Ratio Lower Upper

95 100

174 73.3 0.0 141.6

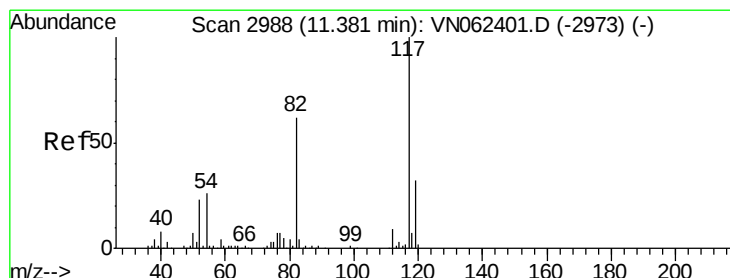
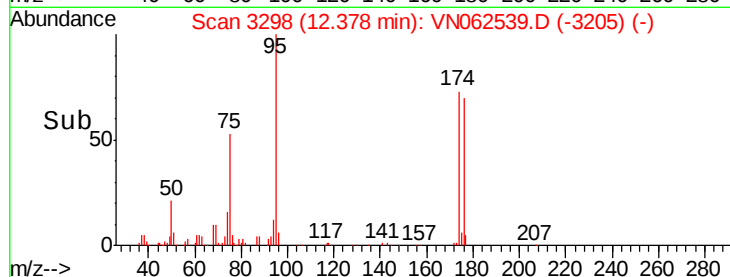
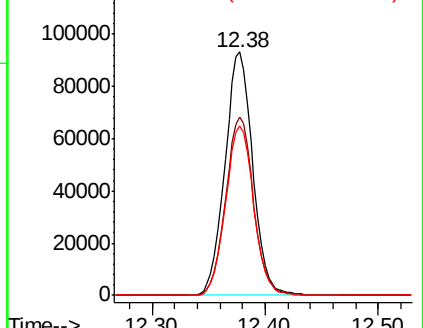
176 70.2 0.0 137.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062539.D

Acq: 15 Jul 2020 16:32

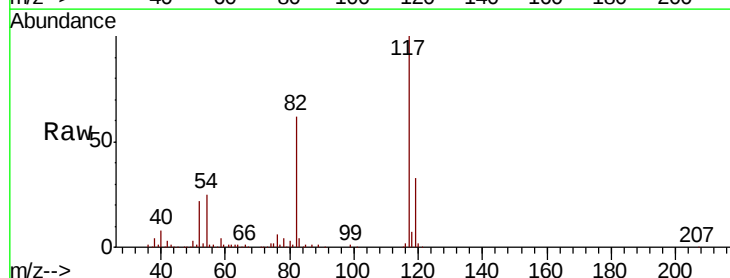
Tgt Ion: 117 Resp: 332330

Ion Ratio Lower Upper

117 100

82 61.7 49.6 74.4

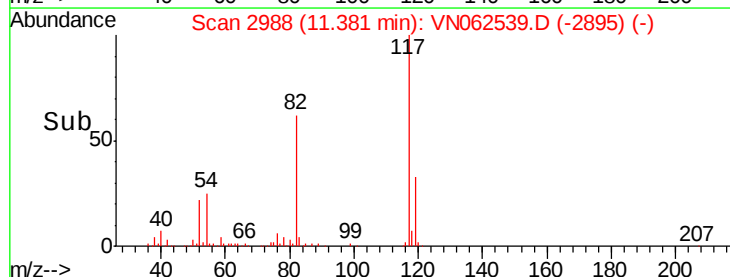
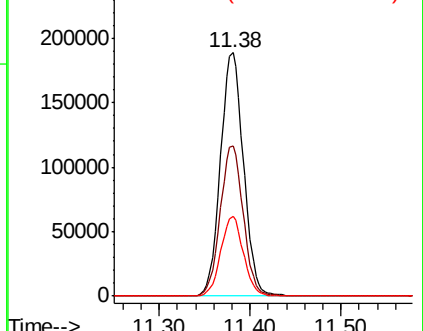
119 32.7 25.4 38.0

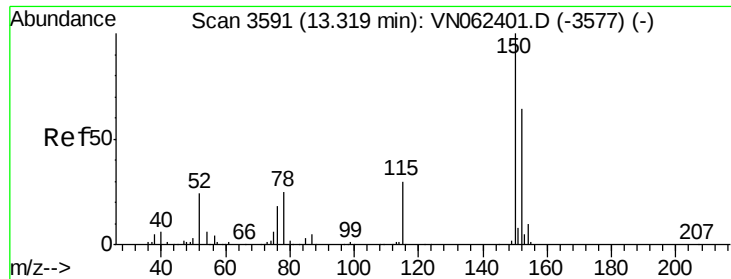


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062539.D

Acq: 15 Jul 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

TR-05-071420

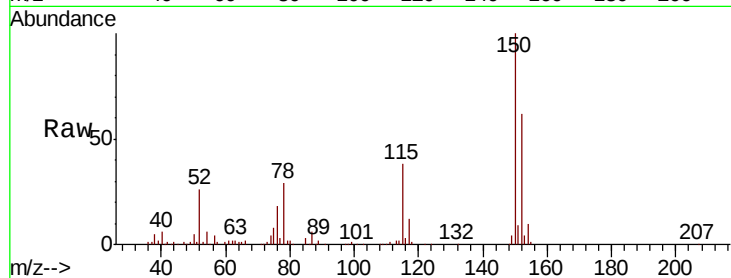
Tot Ion:152 Resp: 121041

Ion Ratio Lower Upper

152 100

115 62.3 31.4 94.2

150 161.5 0.0 347.4



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

