

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071520\
 Data File : VN062537.D
 Acq On : 15 Jul 2020 15:44
 Operator : JC/MD
 Sample : L3183-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-071420

Quant Time: Jul 16 02:21:28 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

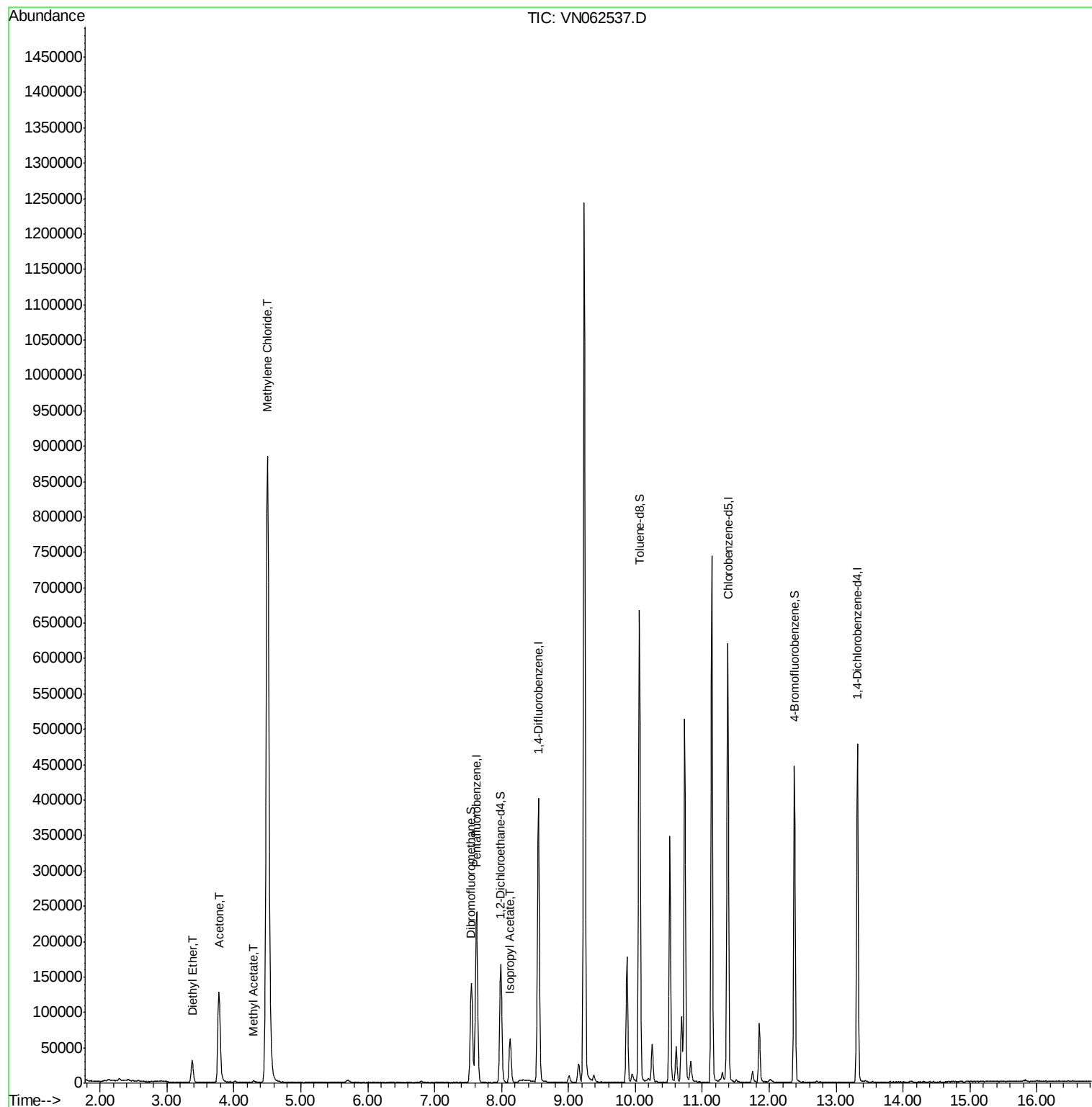
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	188408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	341796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	336791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	145341	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
35) Dibromofluoromethane	7.55	113	109393	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
50) Toluene-d8	10.06	98	446652	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.37	95	159735	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
Target Compounds						
8) Diethyl Ether	3.38	74	14768	10.308	ug/l	97
16) Acetone	3.78	43	218435	177.540	ug/l	95
18) Methyl Acetate	4.29	43	4426	1.442	ug/l #	83
20) Methylene Chloride	4.50	84	645952	245.554	ug/l	95
43) Isopropyl Acetate	8.13	43	75359	11.847	ug/l	93

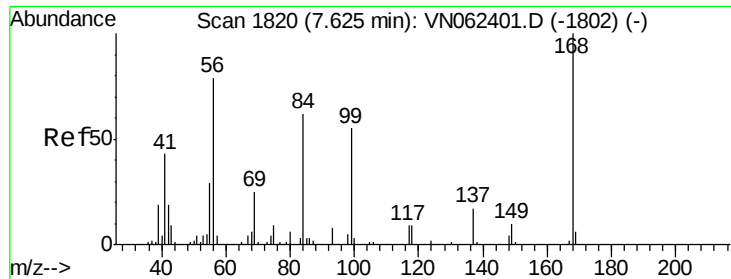
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071520\
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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: VN062537.D

Acq: 15 Jul 2020 15:44

Instrument :

MSVOA_N

ClientSampleId :

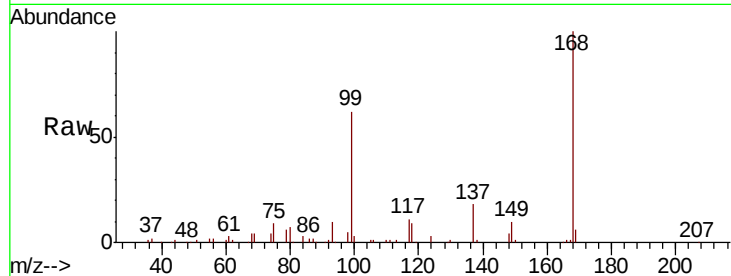
OK-01-071420

Tot Ion:168 Resp: 188408

Ion Ratio Lower Upper

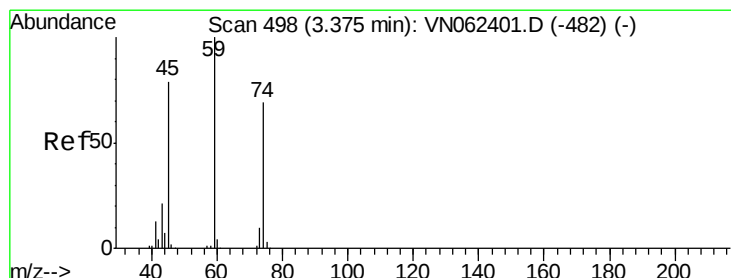
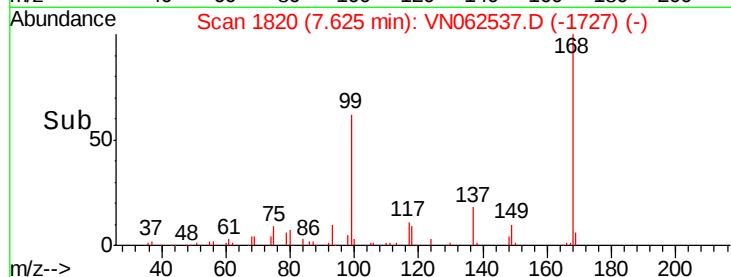
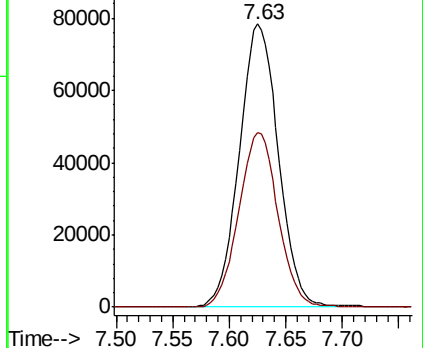
168 100

99 61.6 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#8

Diethyl Ether

Concen: 10.308 ug/l

RT: 3.38 min Scan# 499

Delta R.T. 0.00 min

Lab File: VN062537.D

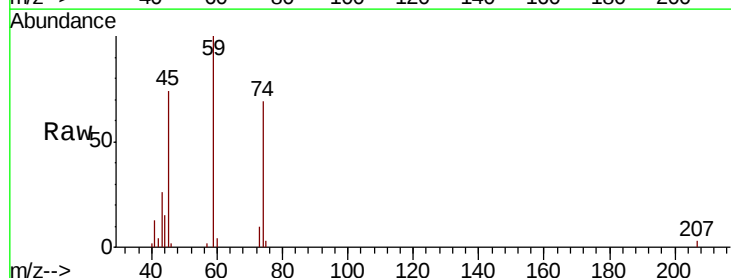
Acq: 15 Jul 2020 15:44

Tgt Ion: 74 Resp: 14768

Ion Ratio Lower Upper

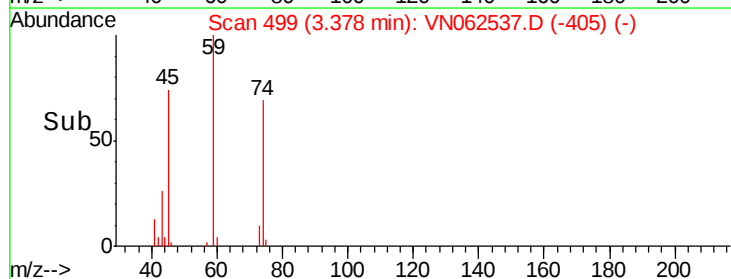
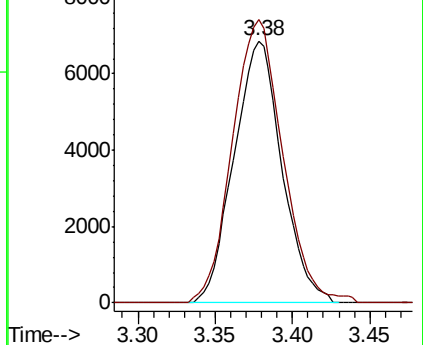
74 100

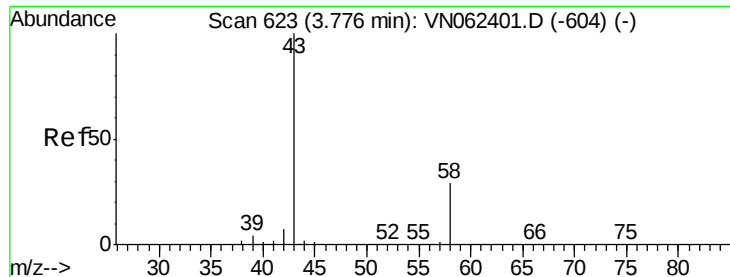
45 113.7 58.5 175.3



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN





#16

Acetone

Concen: 177.540 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062537.D

Acq: 15 Jul 2020 15:44

Instrument :

MSVOA_N

ClientSampleId :

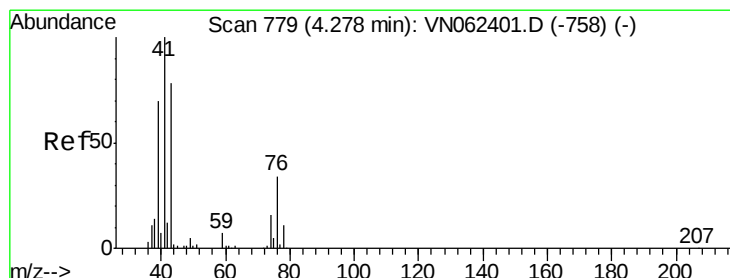
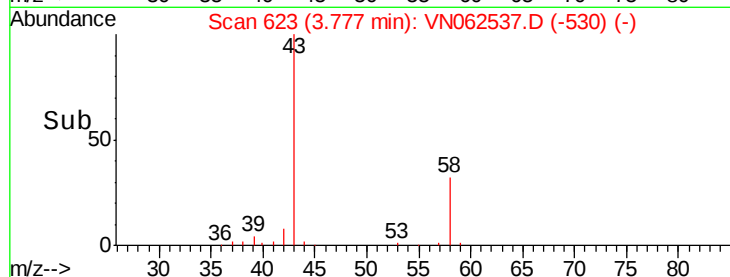
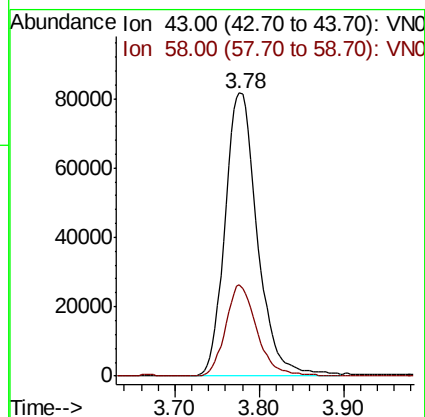
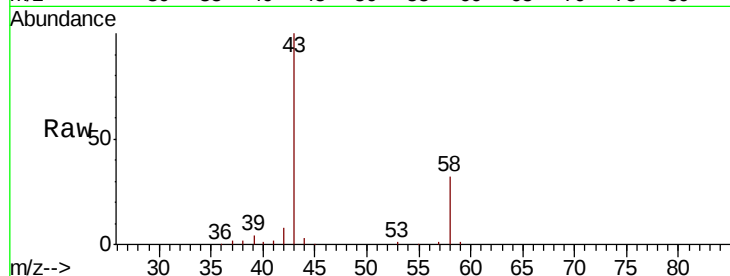
OK-01-071420

Tot Ion: 43 Resp: 218435

Ion Ratio Lower Upper

43 100

58 32.1 23.5 35.3



#18

Methyl Acetate

Concen: 1.442 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.01 min

Lab File: VN062537.D

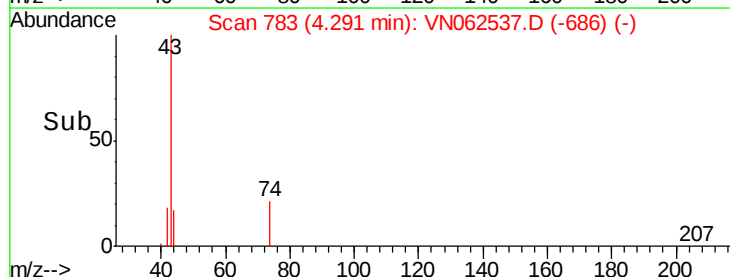
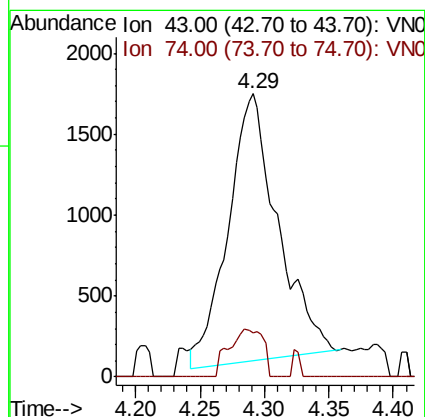
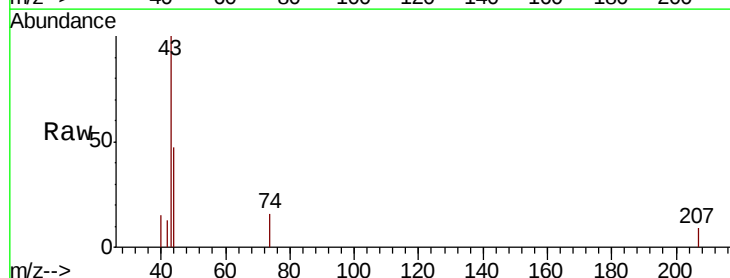
Acq: 15 Jul 2020 15:44

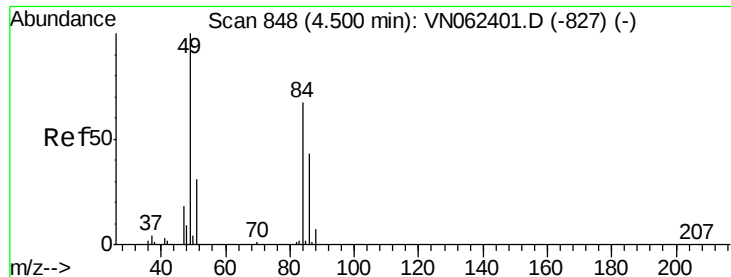
Tgt Ion: 43 Resp: 4426

Ion Ratio Lower Upper

43 100

74 12.2 16.0 24.0#

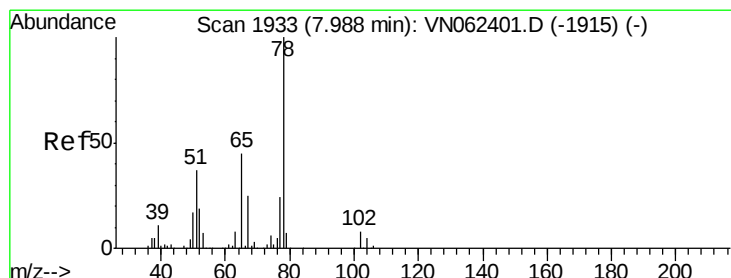
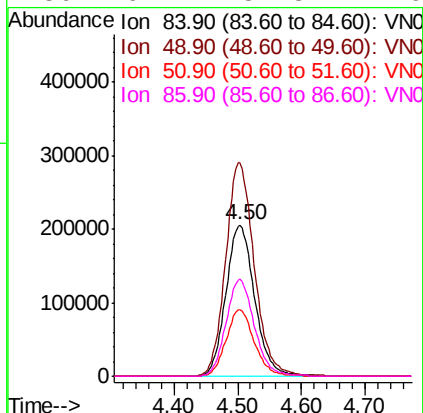
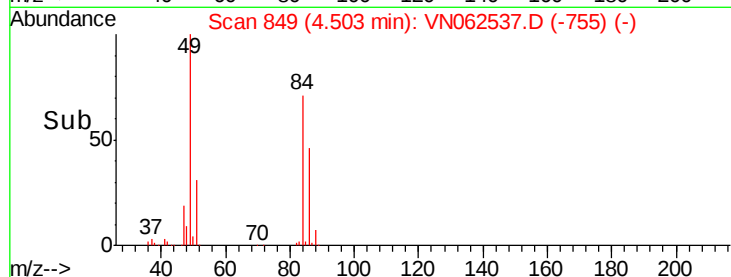
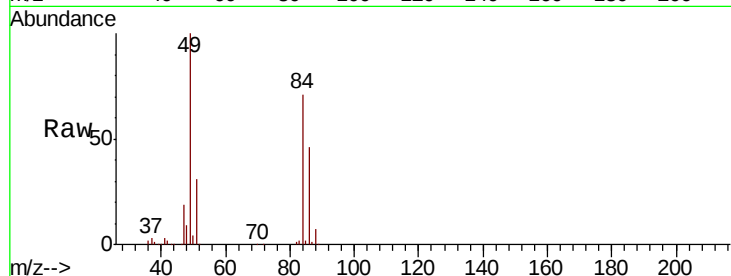




#20
Methvlene Chloride
Concen: 245.554 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062537.D
Acq: 15 Jul 2020 15:44

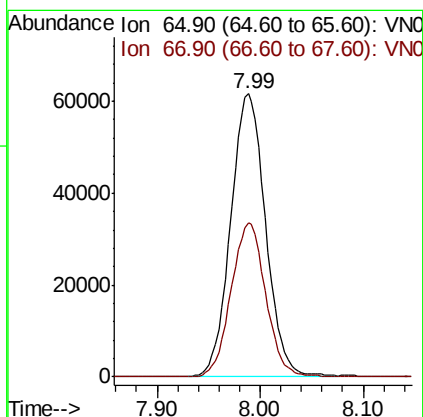
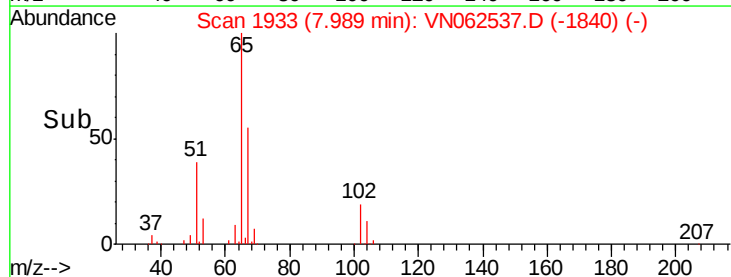
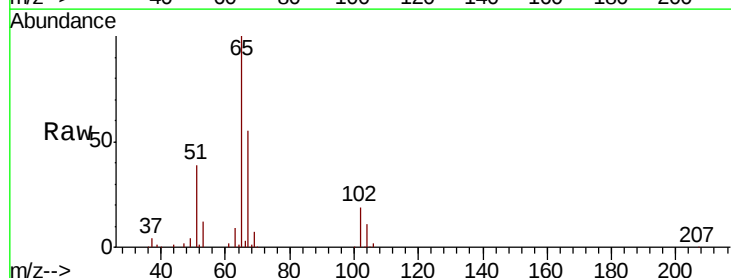
Instrument :
MSVOA_N
ClientSampleId :
OK-01-071420

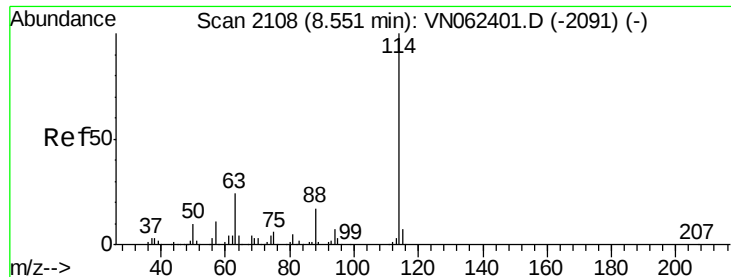
Tot Ion: 84 Resp: 645952
Ion Ratio Lower Upper
84 100
49 141.1 120.0 180.0
51 43.7 37.0 55.6
86 64.4 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 50.153 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062537.D
Acq: 15 Jul 2020 15:44

Tgt Ion: 65 Resp: 145341
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.6

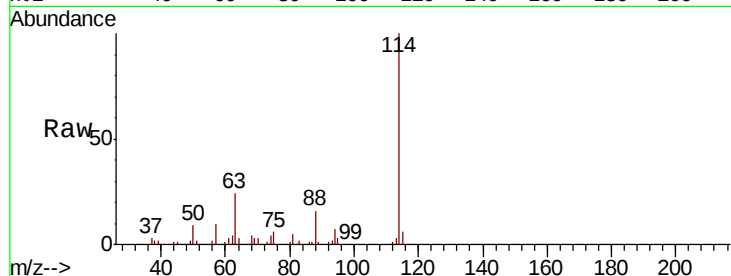




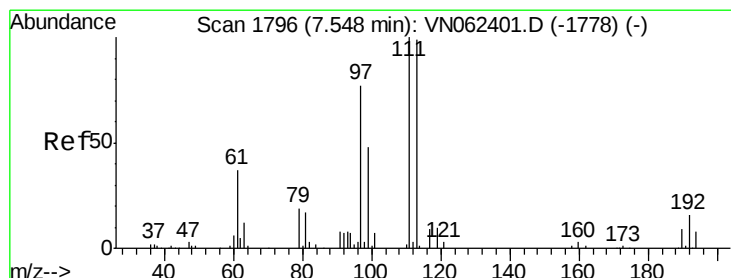
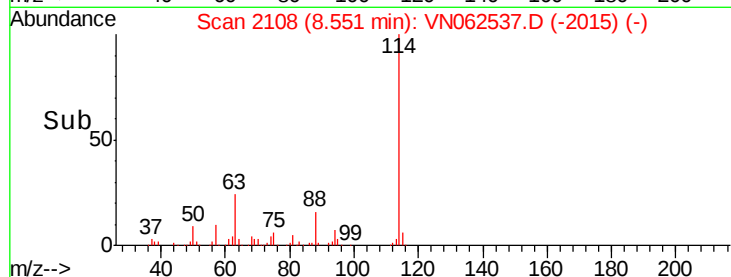
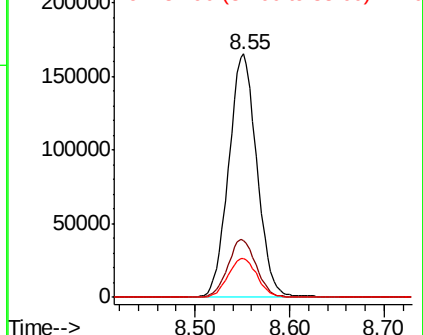
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062537.D
 Acq: 15 Jul 2020 15:44

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-071420

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	48.4
88	16.1	0.0	33.8

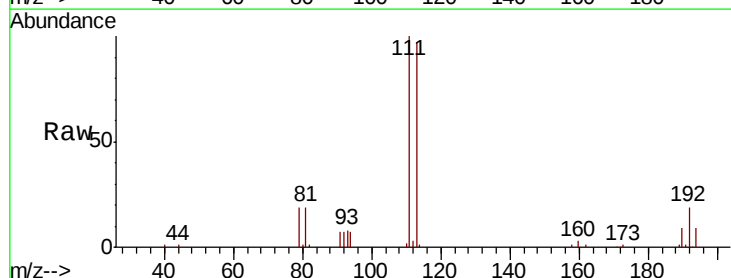


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

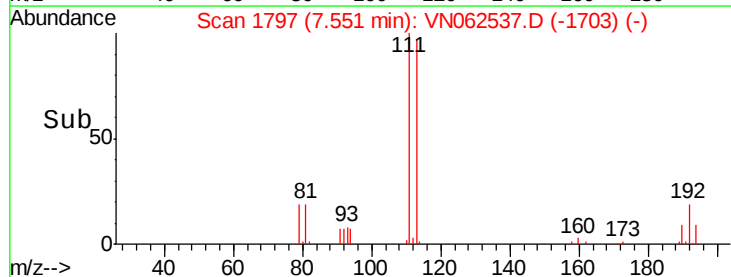
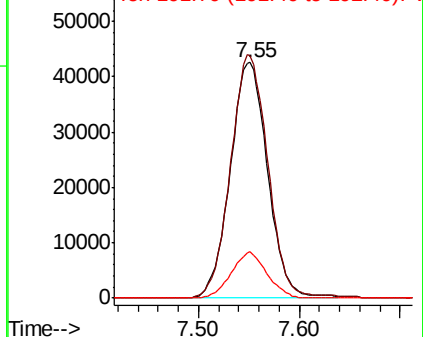


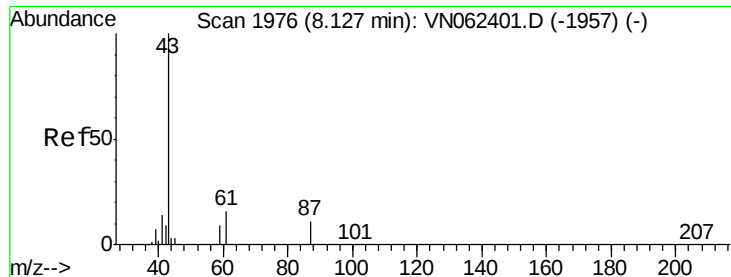
#35
 Dibromofluoromethane
 Concen: 51.777 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062537.D
 Acq: 15 Jul 2020 15:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	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: 11.847 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062537.D

Acq: 15 Jul 2020 15:44

Instrument :

MSVOA_N

ClientSampleId :

OK-01-071420

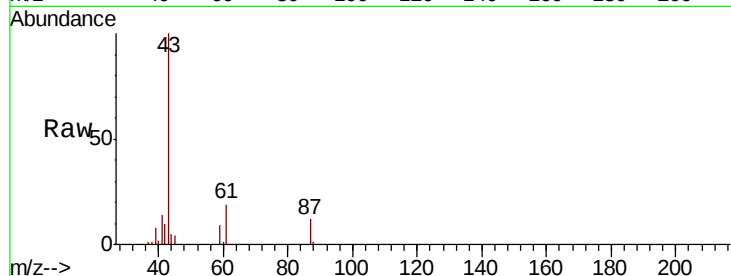
Tot Ion: 43 Resp: 75359

Ion Ratio Lower Upper

43 100

61 19.3 19.3 28.9

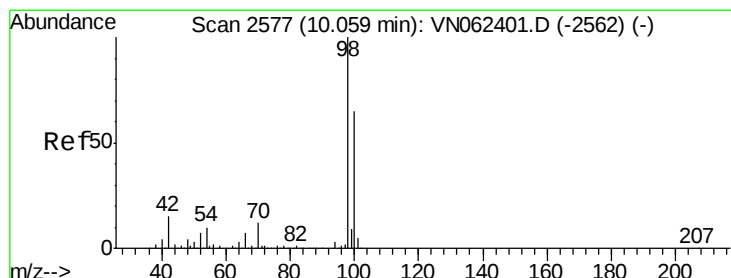
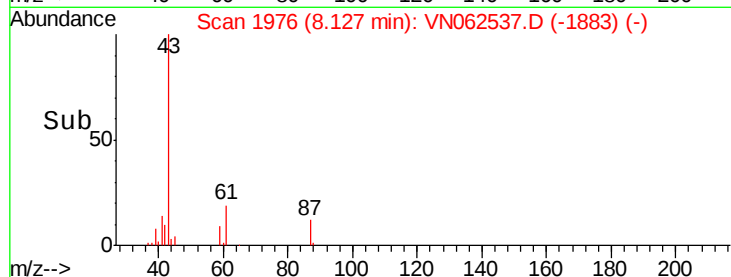
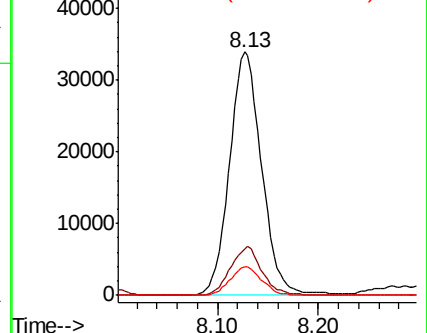
87 11.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062401.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062401.D (-1957) (-)



#50

Toluene-d8

Concen: 53.552 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062537.D

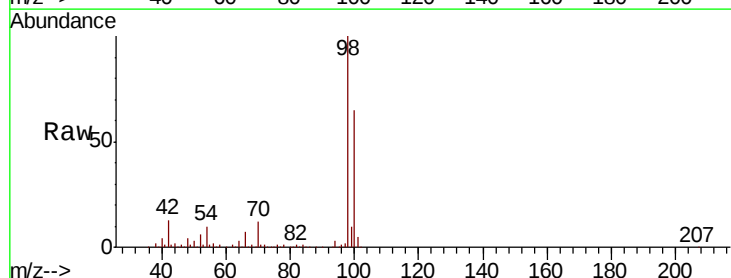
Acq: 15 Jul 2020 15:44

Tgt Ion: 98 Resp: 446652

Ion Ratio Lower Upper

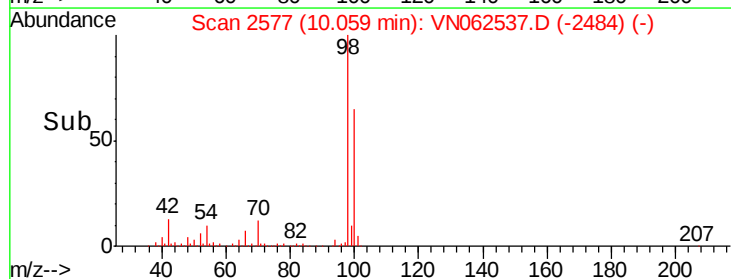
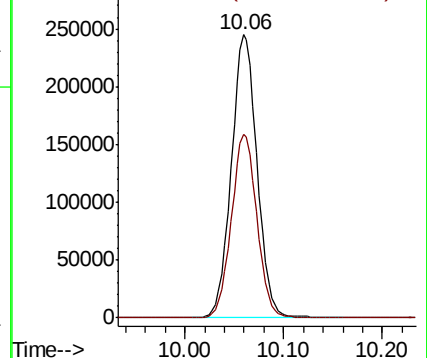
98 100

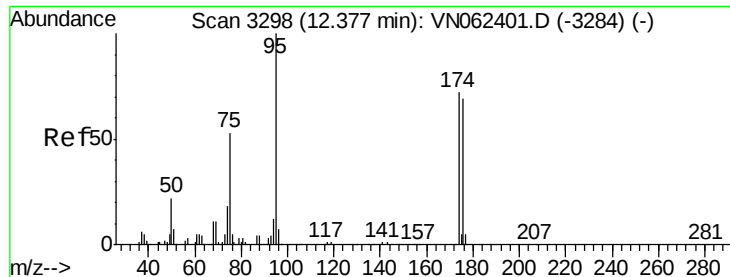
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN062401.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062401.D (-2562) (-)





#62

4-Bromofluorobenzene

Concen: 52.408 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062537.D

Acq: 15 Jul 2020 15:44

Instrument :

MSVOA_N

ClientSampleId :

OK-01-071420

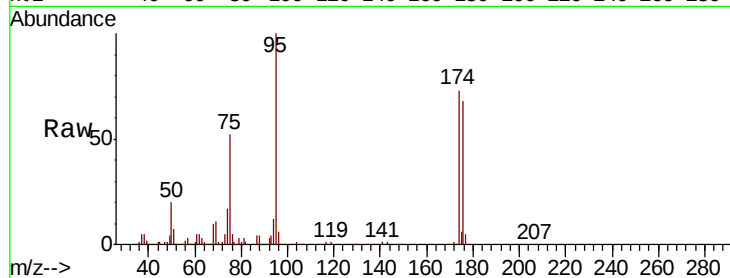
Tot Ion: 95 Resp: 159735

Ion Ratio Lower Upper

95 100

174 73.8 0.0 141.6

176 70.4 0.0 137.2



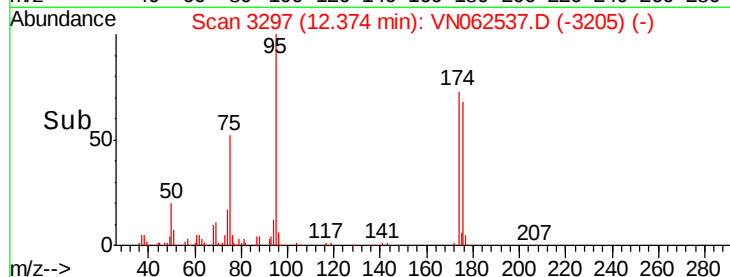
Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

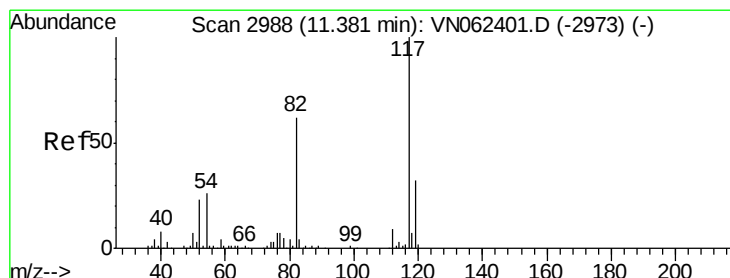
Ion 175.80 (175.50 to 176.50): VN0

12.37

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062537.D

Acq: 15 Jul 2020 15:44

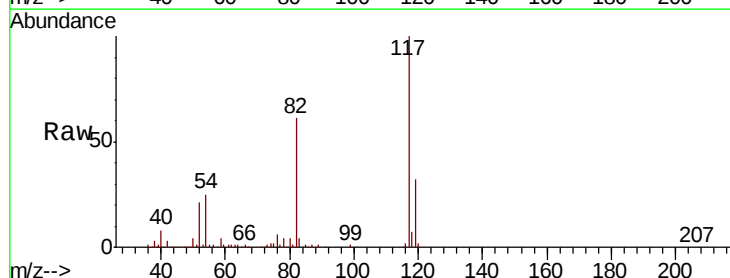
Tgt Ion: 117 Resp: 336791

Ion Ratio Lower Upper

117 100

82 61.3 49.6 74.4

119 32.4 25.4 38.0



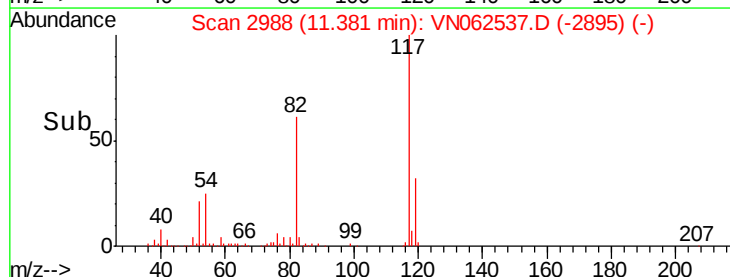
Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

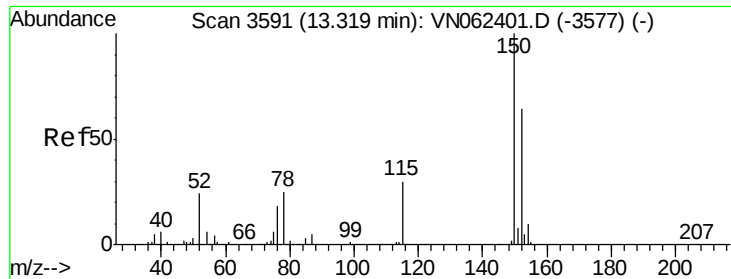
Ion 118.90 (118.60 to 119.60): VN0

11.38

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062537.D

Acq: 15 Jul 2020 15:44

Instrument :

MSVOA_N

ClientSampleId :

OK-01-071420

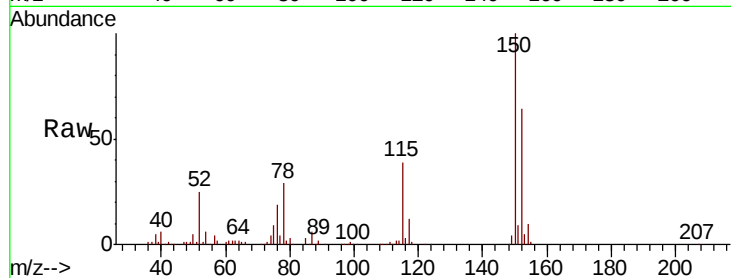
Tot Ion:152 Resp: 126128

Ion Ratio Lower Upper

152 100

115 61.5 31.4 94.2

150 157.5 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

