

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064093.D
 Acq On : 12 Oct 2020 21:26
 Operator : JC/MD
 Sample : L4356-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RECLAMATION-TANK

Quant Time: Oct 13 02:50:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

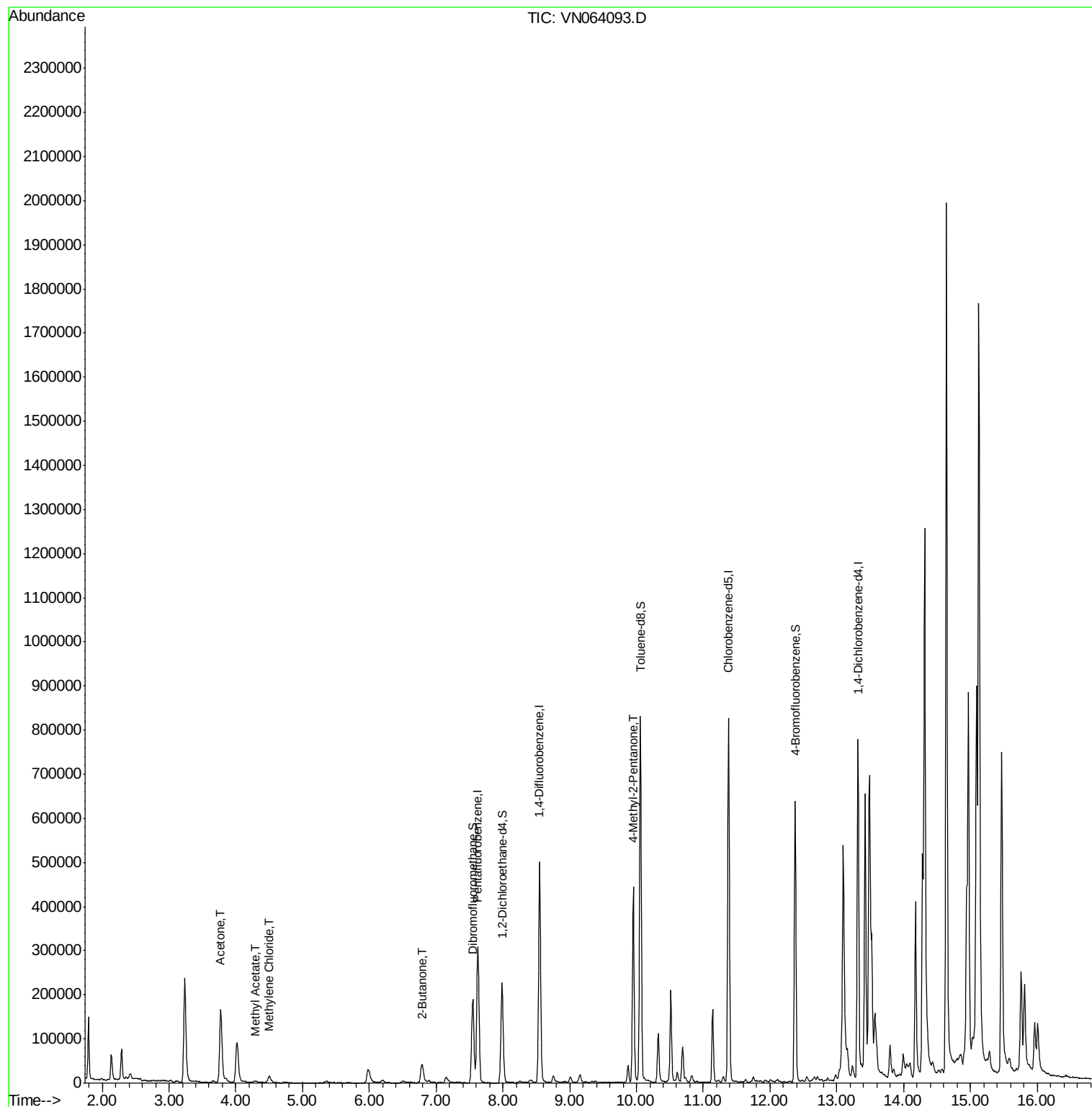
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	230632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	420807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	447246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192901	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	186687	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	7.55	113	143234	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
50) Toluene-d8	10.06	98	554086	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.38	95	220298	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
Target Compounds						
16) Acetone	3.77	43	288850	246.269	ug/l	100
18) Methyl Acetate	4.28	43	7154	2.349	ug/l #	76
20) Methylene Chloride	4.51	84	10072	3.840	ug/l	96
25) 2-Butanone	6.79	43	75565	45.442	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	308730	75.302	ug/l	99

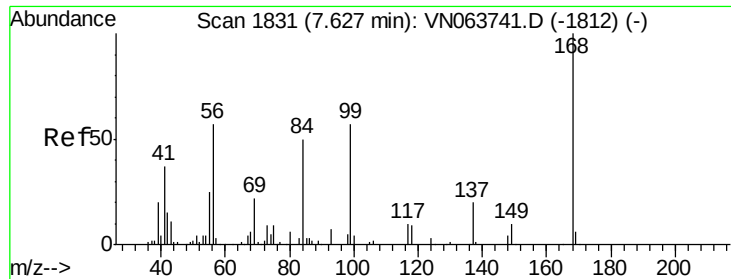
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101220\
Data File : VN064093.D
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064093.D

Acq: 12 Oct 2020 21:26

Instrument :

MSVOA_N

ClientSampleId :

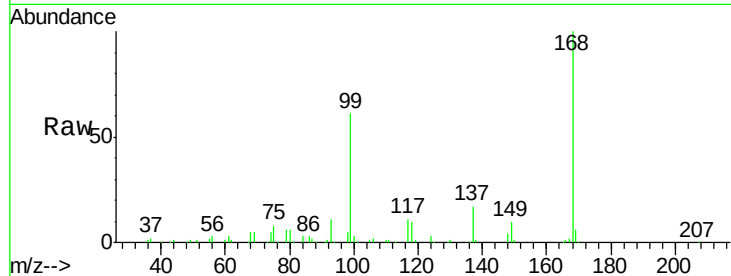
RECLAMATION-TANK

Tot Ion:168 Resp: 230632

Ion Ratio Lower Upper

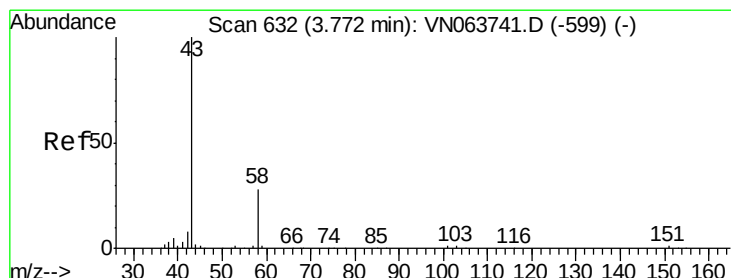
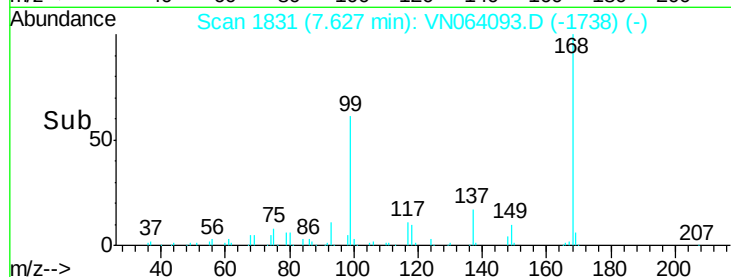
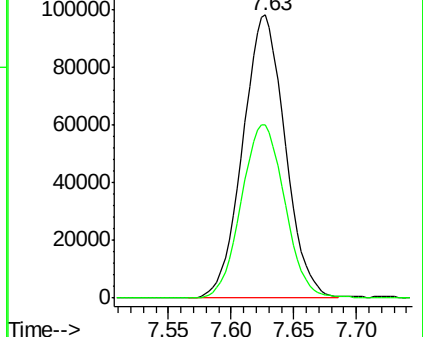
168 100

99 61.1 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 246.269 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064093.D

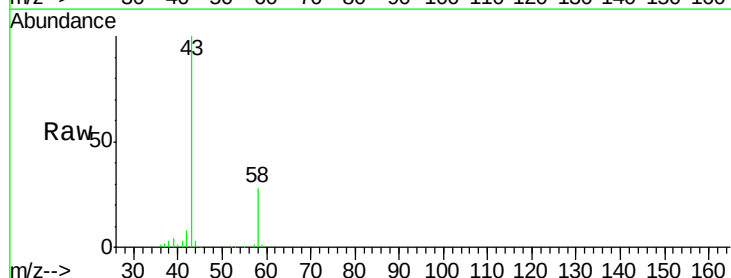
Acq: 12 Oct 2020 21:26

Tgt Ion: 43 Resp: 288850

Ion Ratio Lower Upper

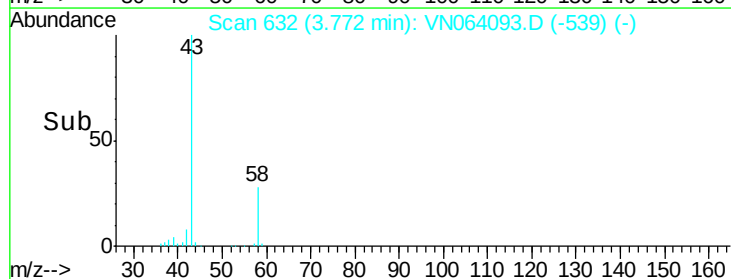
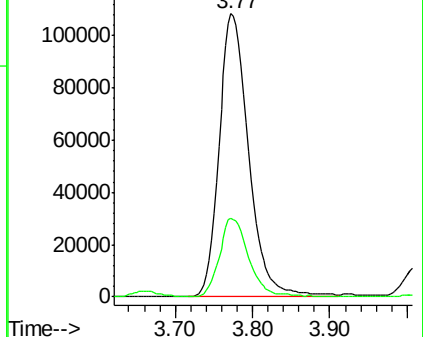
43 100

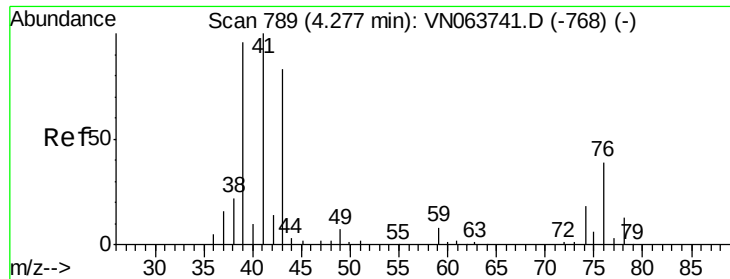
58 27.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

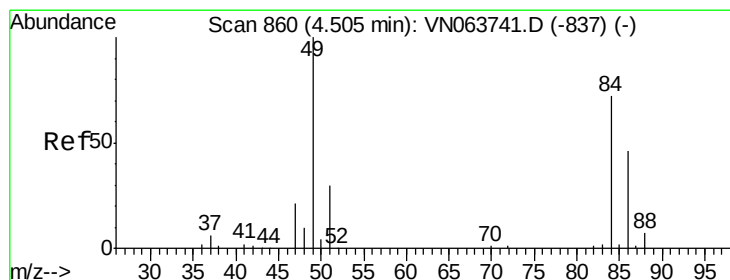
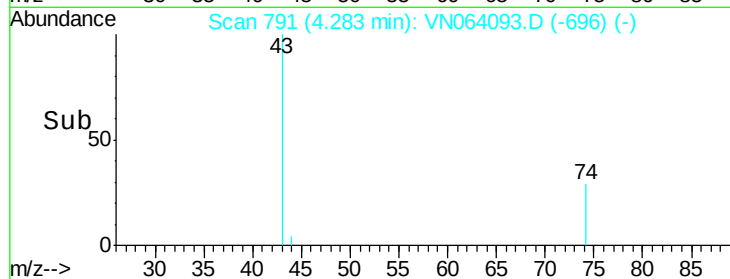
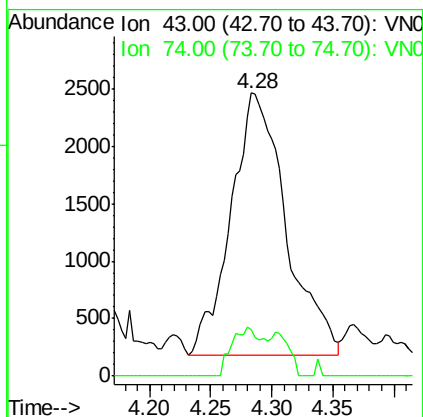
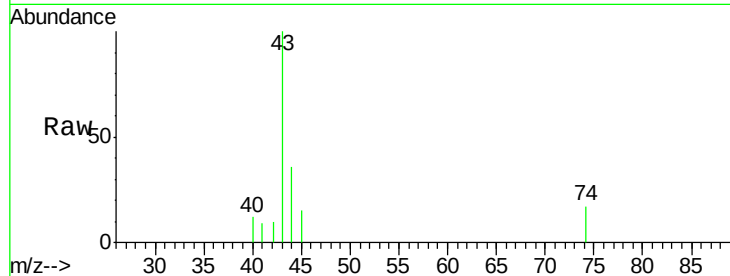




#18
Methyl Acetate
Concen: 2.349 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN064093.D
Acq: 12 Oct 2020 21:26

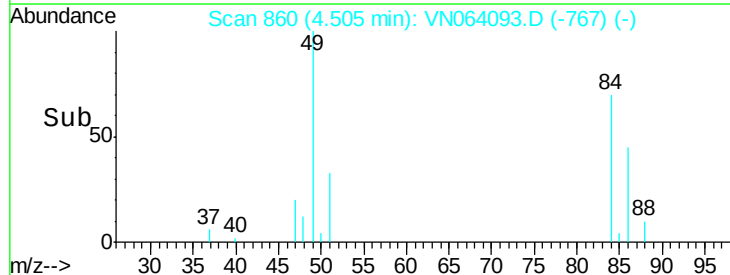
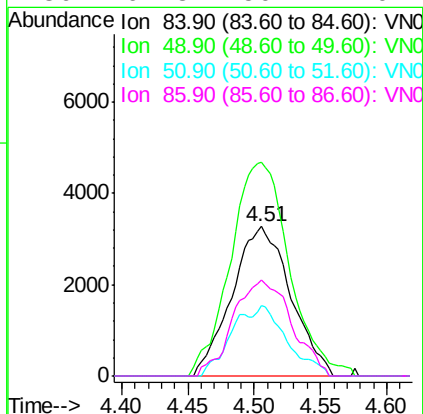
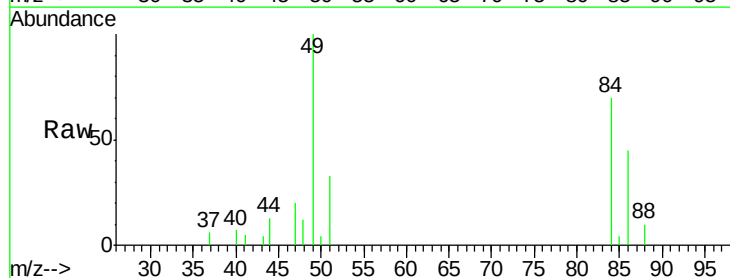
Instrument :
MSVOA_N
ClientSampleId :
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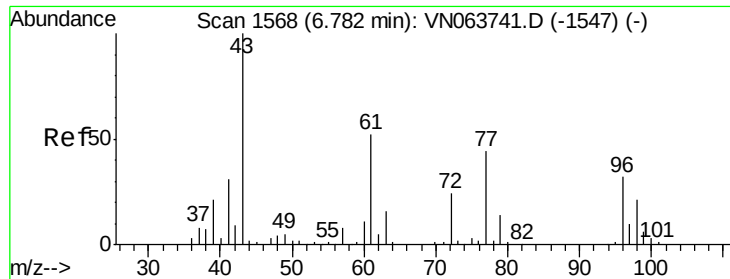
Tot Ion: 43 Resp: 7154
Ion Ratio Lower Upper
43 100
74 10.4 17.4 26.2#



#20
Methylene Chloride
Concen: 3.840 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064093.D
Acq: 12 Oct 2020 21:26

Tgt Ion: 84 Resp: 10072
Ion Ratio Lower Upper
84 100
49 143.0 110.4 165.6
51 47.2 33.3 49.9
86 64.3 50.7 76.1

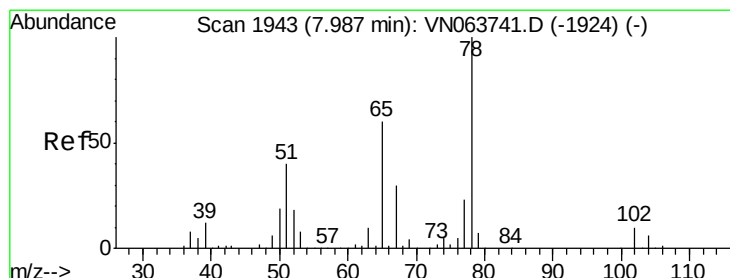
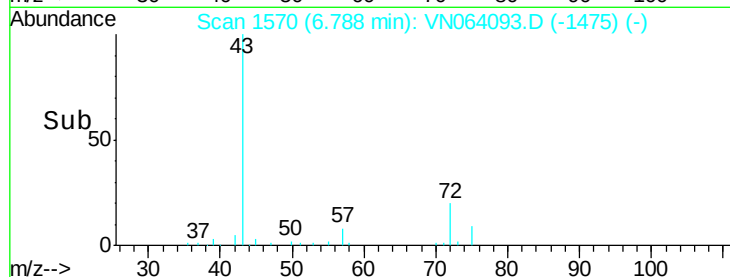
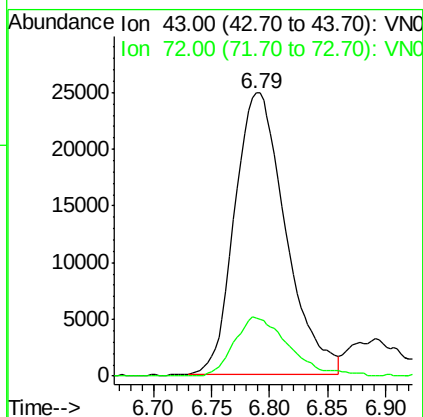
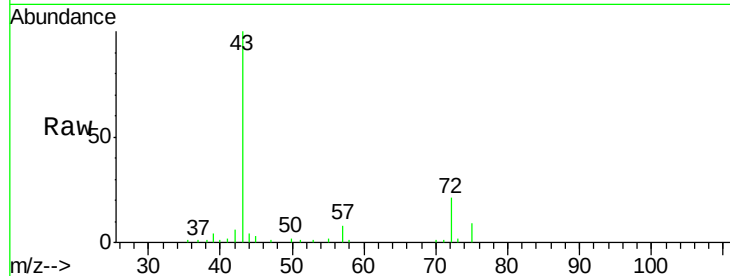




#25
2-Butanone
Concen: 45.442 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN064093.D
Acq: 12 Oct 2020 21:26

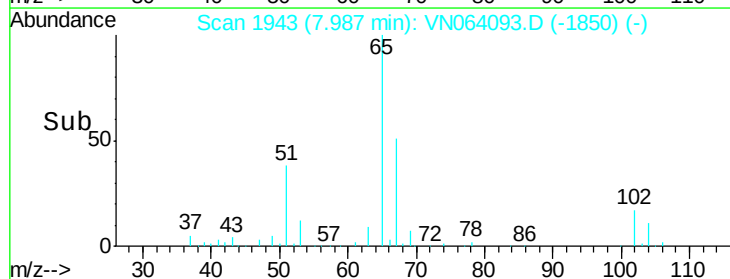
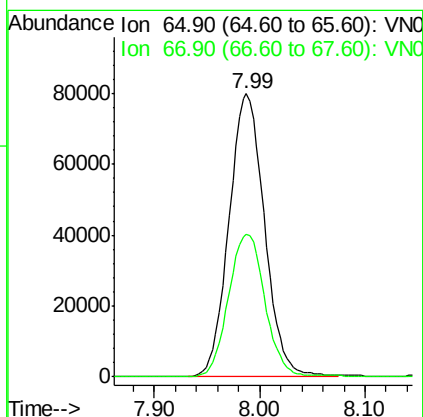
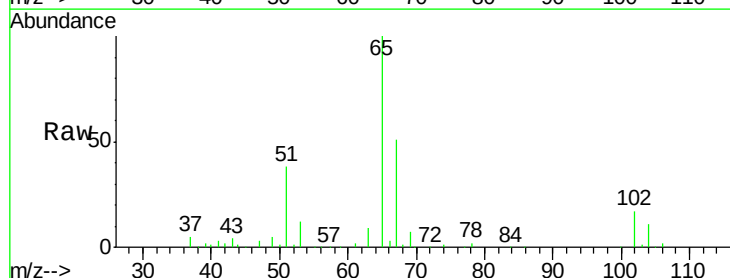
Instrument :
MSVOA_N
ClientSampleId :
RECLAMATION-TANK

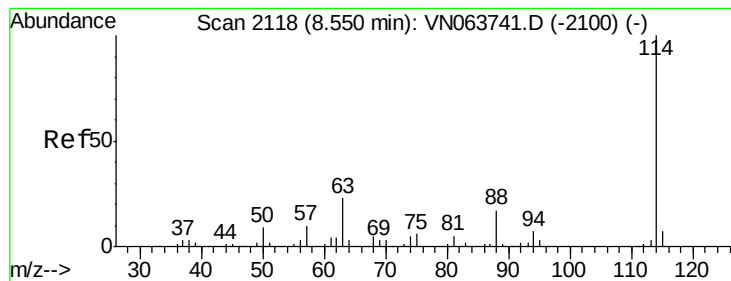
Tot Ion: 43 Resp: 75565
Ion Ratio Lower Upper
43 100
72 20.7 19.3 28.9



#33
1,2-Dichloroethane-d4
Concen: 48.997 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064093.D
Acq: 12 Oct 2020 21:26

Tgt Ion: 65 Resp: 186687
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064093.D

Acq: 12 Oct 2020 21:26

Instrument :

MSVOA_N

ClientSampleId :

RECLAMATION-TANK

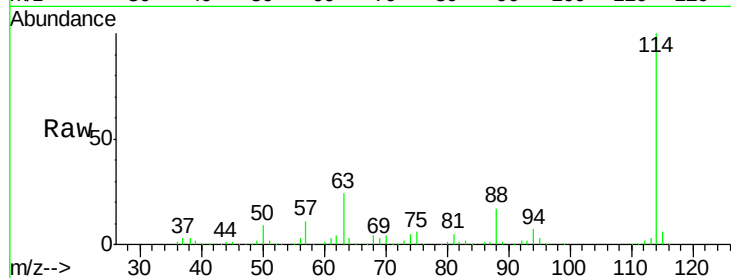
Tot Ion:114 Resp: 420807

Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.0

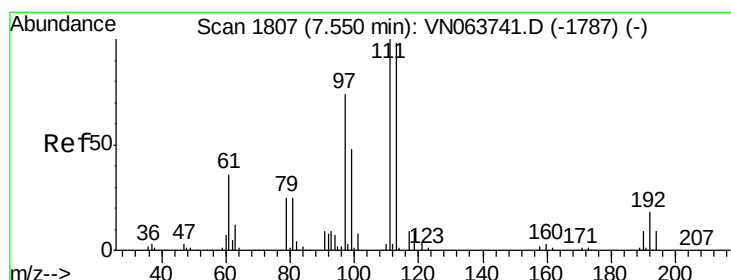
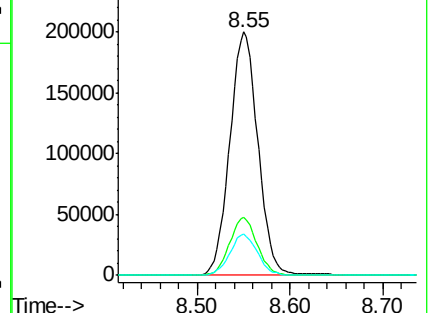
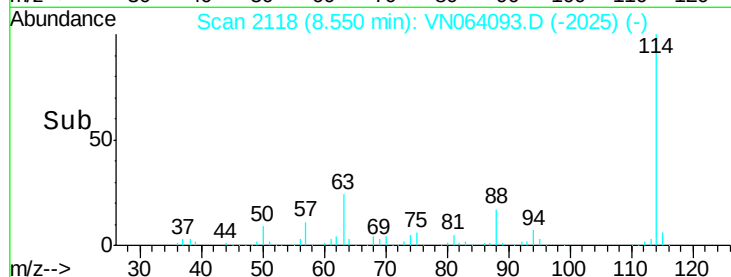
88 16.8 0.0 34.0



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: 49.055 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064093.D

Acq: 12 Oct 2020 21:26

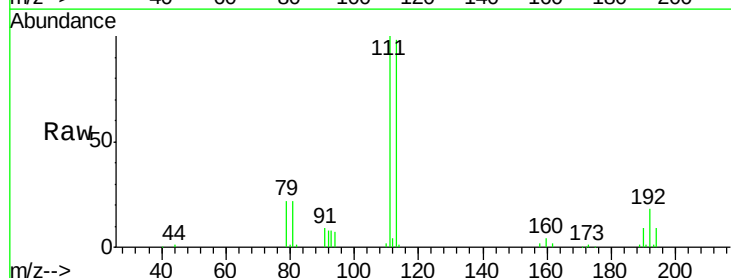
Tgt Ion:113 Resp: 143234

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

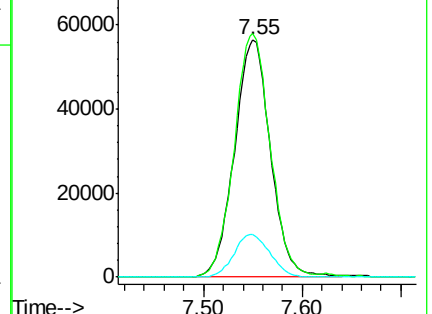
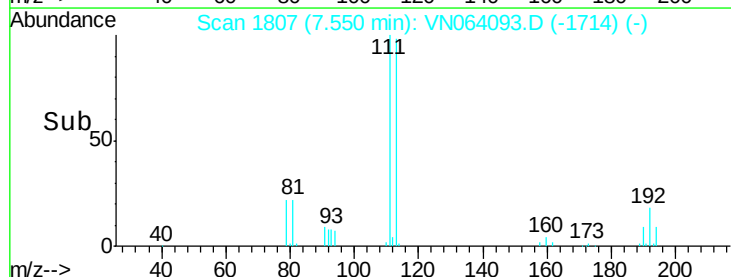
192 18.0 14.2 21.2

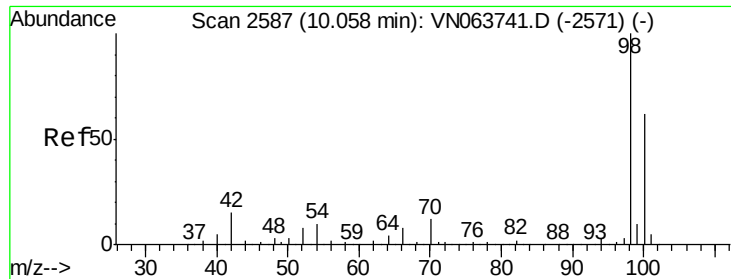


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.058 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064093.D

Acq: 12 Oct 2020 21:26

Instrument :

MSVOA_N

ClientSampleId :

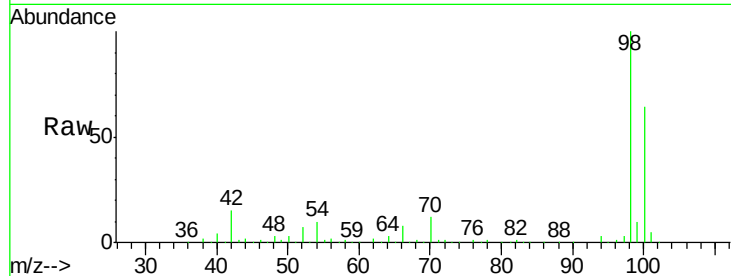
RECLAMATION-TANK

Tot Ion: 98 Resp: 554086

Ion Ratio Lower Upper

98 100

100 64.7 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

300000

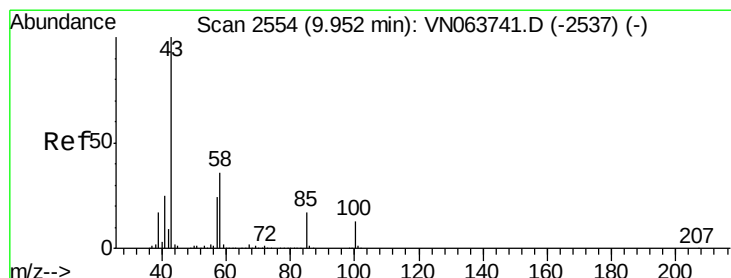
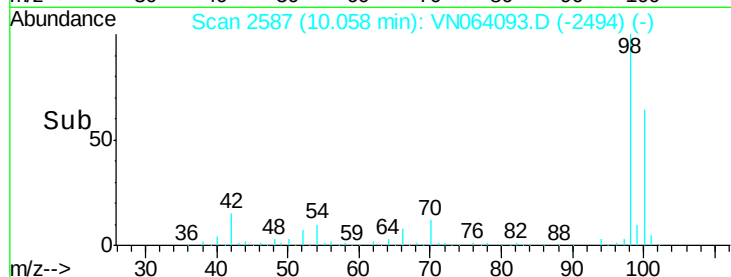
200000

100000

0

10.00 10.10

Time-->



#51

4-Methyl-2-Pentanone

Concen: 75.302 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064093.D

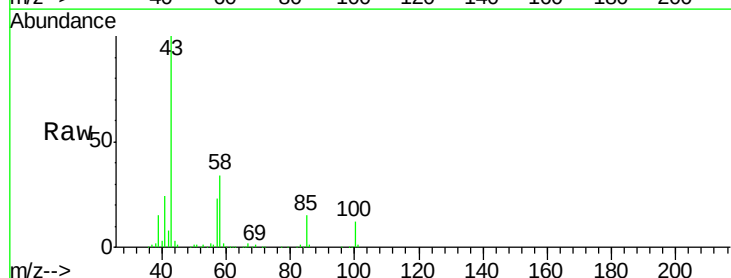
Acq: 12 Oct 2020 21:26

Tgt Ion: 43 Resp: 308730

Ion Ratio Lower Upper

43 100

58 34.8 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2537) (-)

9.95

200000

150000

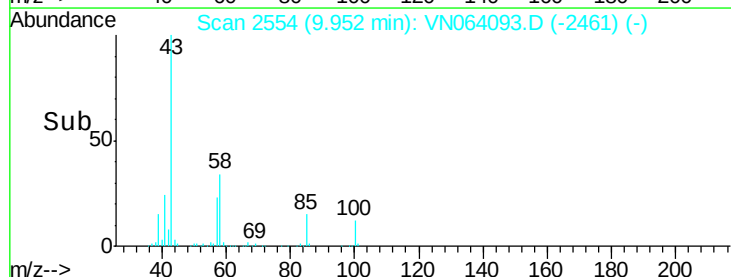
100000

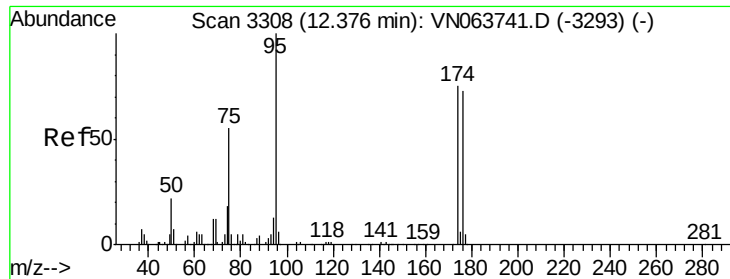
50000

0

9.90 9.95 10.00

Time-->





#62

4-Bromofluorobenzene

Concen: 52.944 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064093.D

Acq: 12 Oct 2020 21:26

Instrument :

MSVOA_N

ClientSampleId :

RECLAMATION-TANK

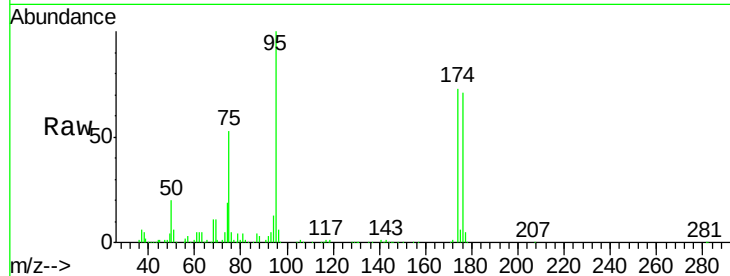
Tot Ion: 95 Resp: 220298

Ion Ratio Lower Upper

95 100

174 73.0 0.0 150.6

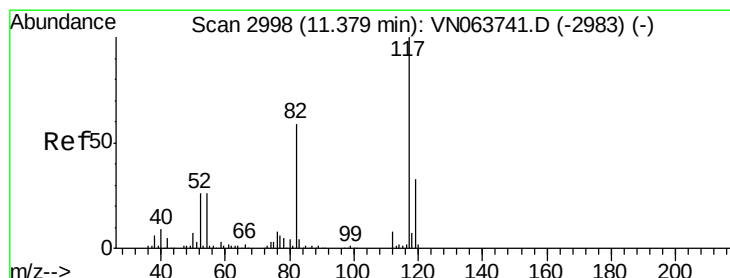
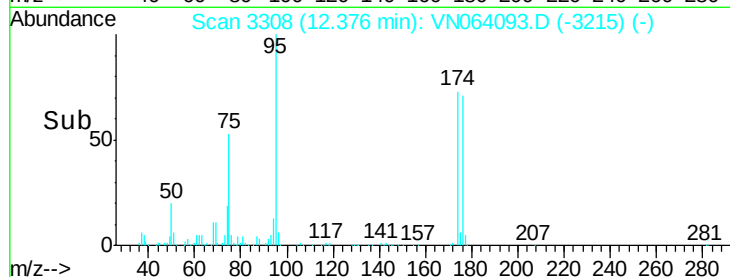
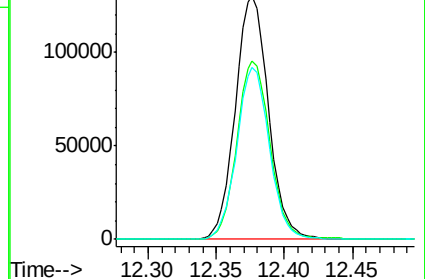
176 69.8 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064093.D

Acq: 12 Oct 2020 21:26

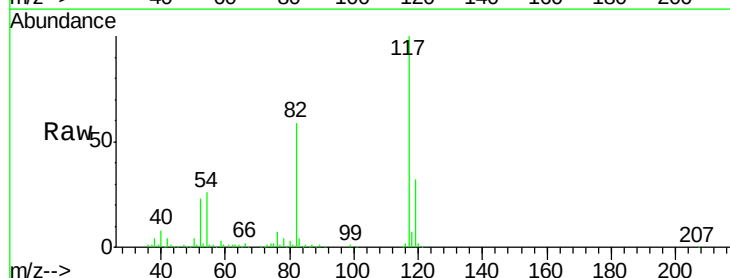
Tgt Ion: 117 Resp: 447246

Ion Ratio Lower Upper

117 100

82 59.4 47.4 71.2

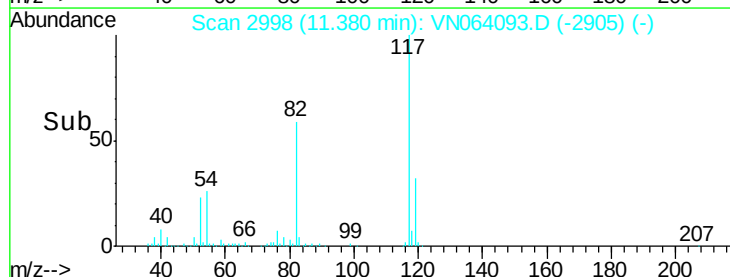
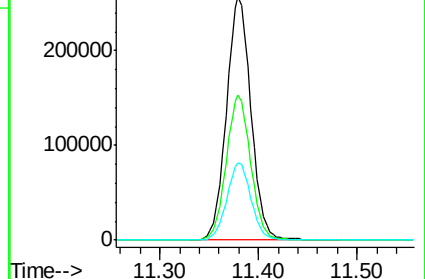
119 32.0 26.4 39.6

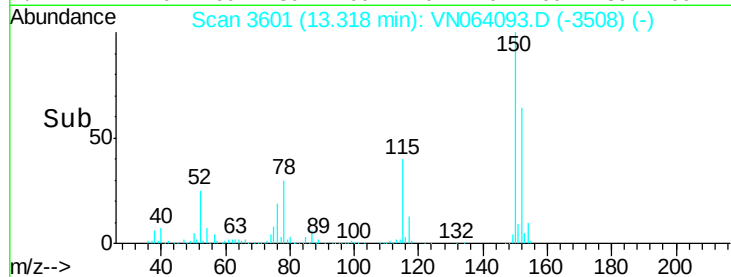
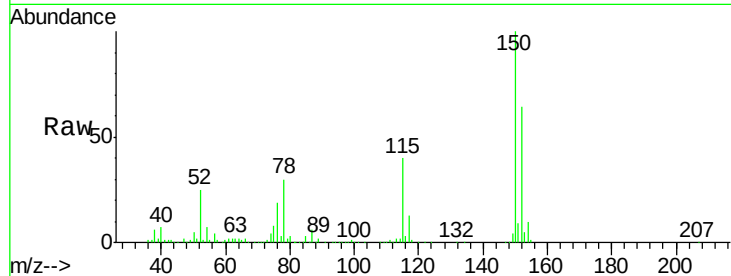
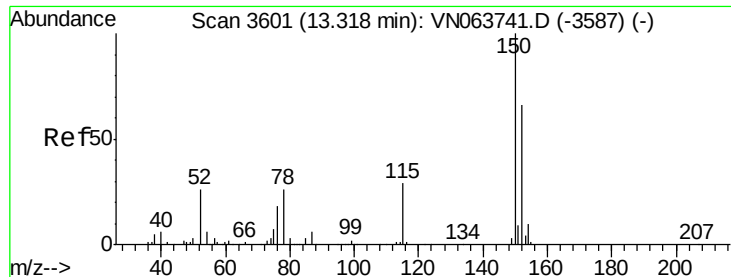


Abundance Ion 116.90 (116.60 to 117.60): VN063741.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063741.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063741.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064093.D

Acq: 12 Oct 2020 21:26

Instrument :

MSVOA_N

ClientSampleId :

RECLAMATION-TANK

Tot Ion:152 Resp: 192901

Ion Ratio Lower Upper

152 100

115 64.0 31.3 93.8

150 160.6 0.0 341.8

