

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
 Data File : VN064408.D
 Acq On : 30 Oct 2020 18:27
 Operator : JC/MD
 Sample : L4568-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RECLAMATION-PIT

Quant Time: Nov 02 03:19:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	204070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	362508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	373187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159422	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	172590	52.63	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.55	113	120508	49.85	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.06	98	463556	51.84	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.38	95	199382	57.19	ug/l	0.00
Spiked Amount						

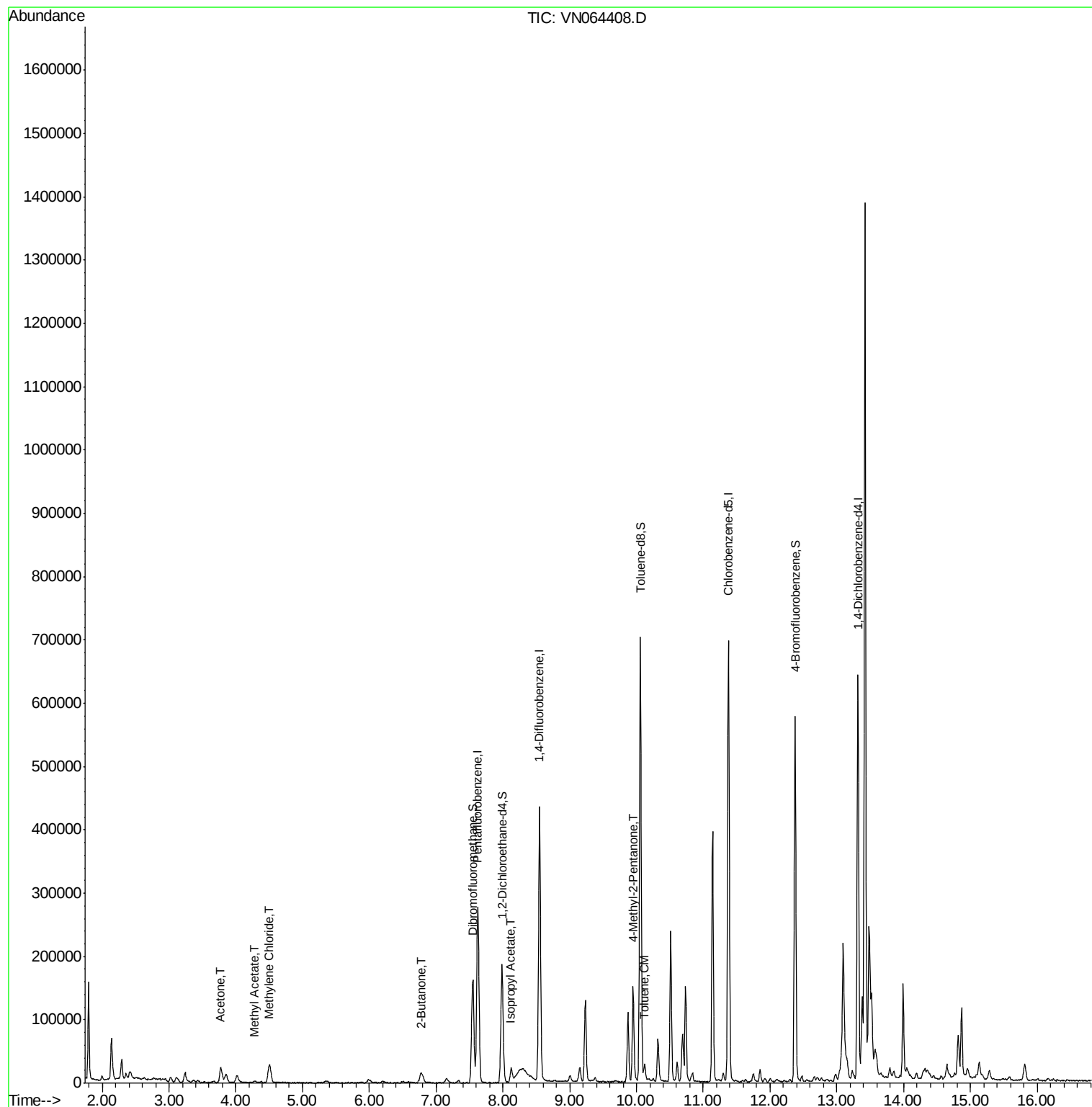
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.77	43	43313	32.345	ug/l	90
18) Methyl Acetate	4.28	43	3648	1.481	ug/l #	69
20) Methylene Chloride	4.51	84	21206	9.118	ug/l	95
25) 2-Butanone	6.79	43	18873	11.462	ug/l #	90
43) Isopropyl Acetate	8.12	43	29820	4.720	ug/l #	90
51) 4-Methyl-2-Pentanone	9.95	43	100927	27.485	ug/l	97
52) Toluene	10.12	92	9902	1.541	ug/l	97

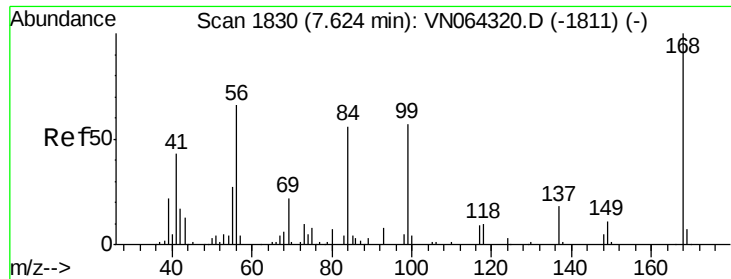
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN103020\
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Quant Time: Nov 02 03:19:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064408.D

Acq: 30 Oct 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

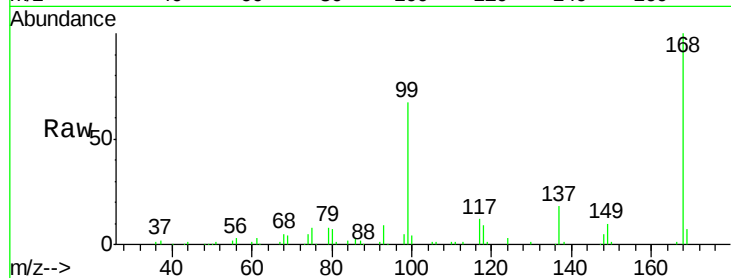
RECLAMATION-PIT

Tot Ion:168 Resp: 204070

Ion Ratio Lower Upper

168 100

99 66.9 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

80000

60000

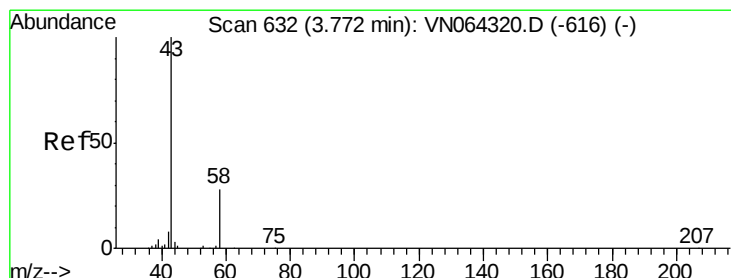
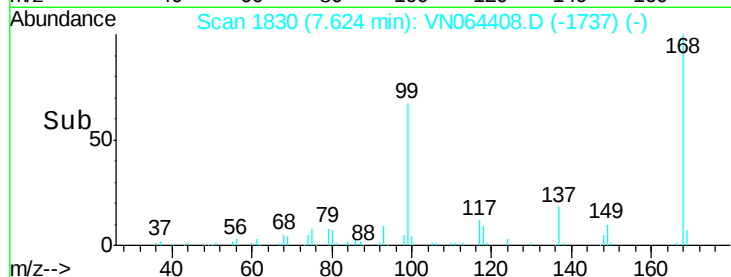
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 32.345 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.00 min

Lab File: VN064408.D

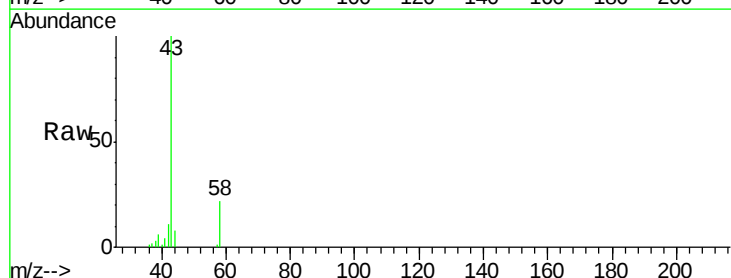
Acq: 30 Oct 2020 18:27

Tgt Ion: 43 Resp: 43313

Ion Ratio Lower Upper

43 100

58 22.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.77

15000

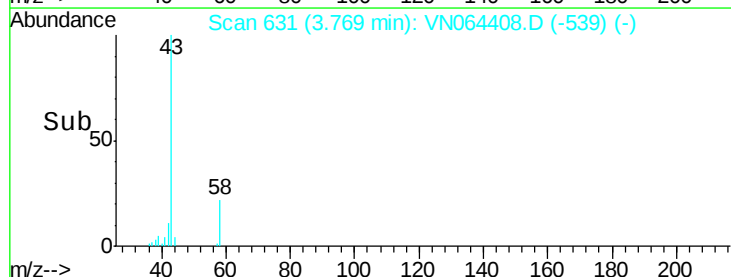
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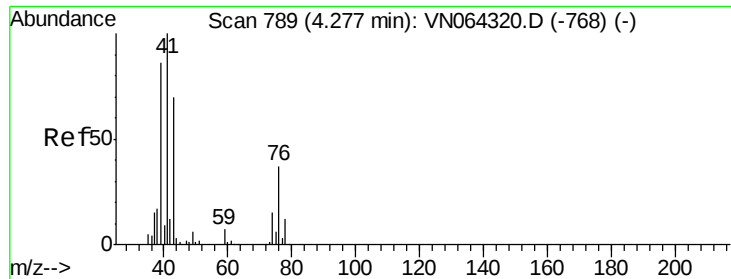
5000

0

Time-->

3.65 3.70 3.75 3.80 3.85





#18

Methvl Acetate

Concen: 1.481 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064408.D

Acq: 30 Oct 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

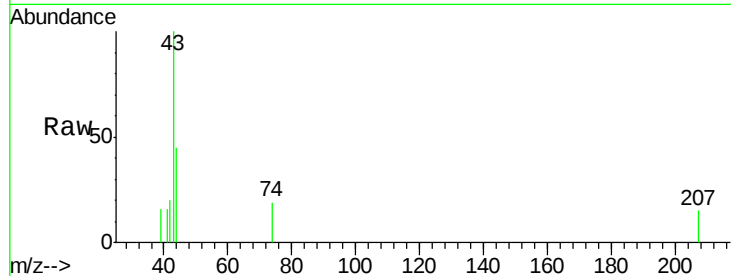
RECLAMATION-PIT

Tot Ion: 43 Resp: 3648

Ion Ratio Lower Upper

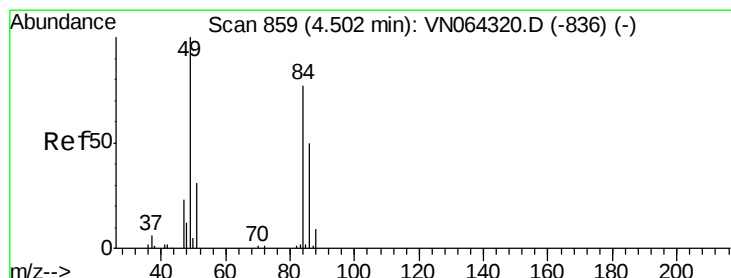
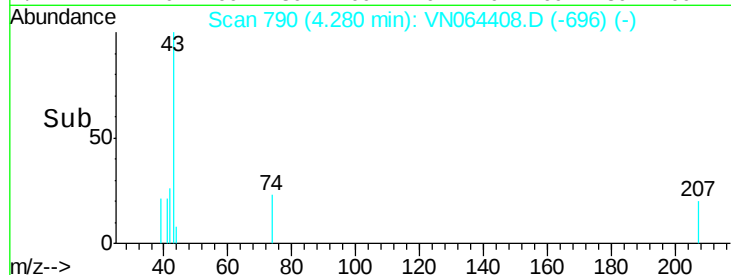
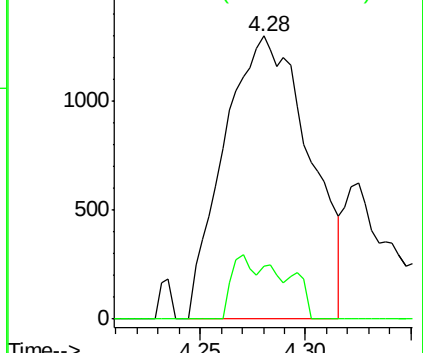
43 100

74 6.2 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VN064408.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN064408.D (-696) (-)



#20

Methylene Chloride

Concen: 9.118 ug/l

RT: 4.51 min Scan# 862

Delta R.T. 0.01 min

Lab File: VN064408.D

Acq: 30 Oct 2020 18:27

Tgt Ion: 84 Resp: 21206

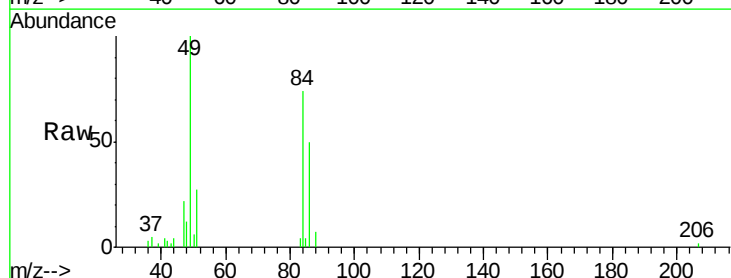
Ion Ratio Lower Upper

84 100

49 135.2 103.6 155.4

51 37.1 31.8 47.8

86 68.2 51.3 76.9

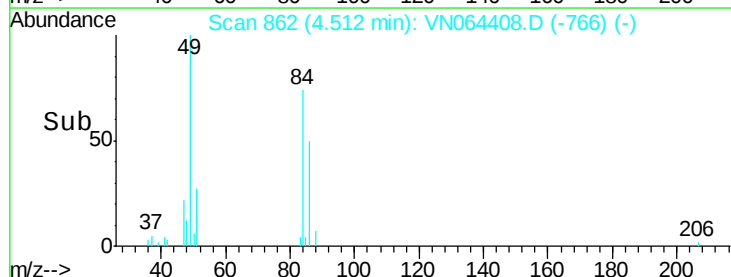
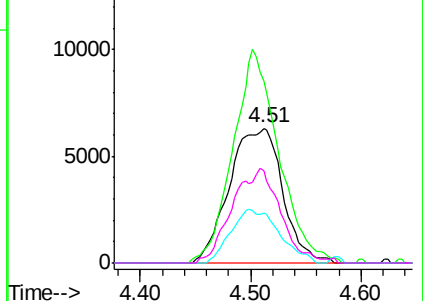


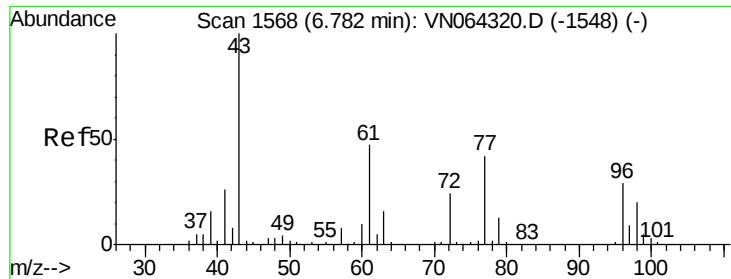
Abundance Ion 83.90 (83.60 to 84.60): VN064408.D (-766) (-)

Ion 48.90 (48.60 to 49.60): VN064408.D (-766) (-)

Ion 50.90 (50.60 to 51.60): VN064408.D (-766) (-)

Ion 85.90 (85.60 to 86.60): VN064408.D (-766) (-)

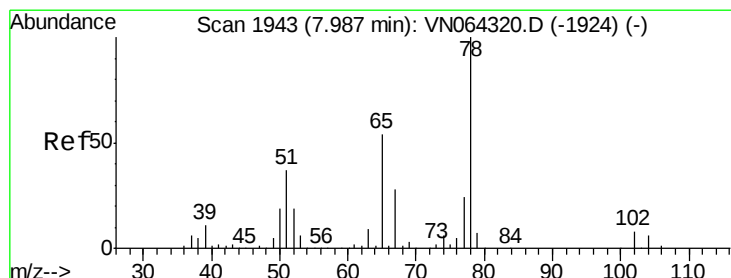
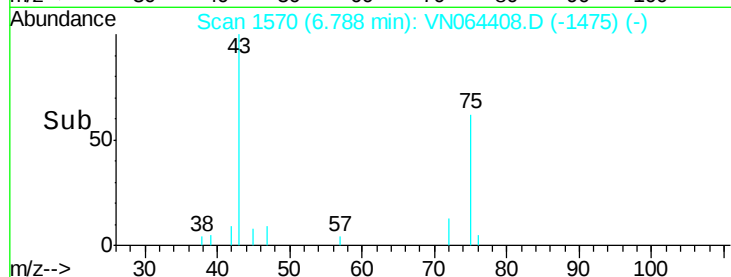
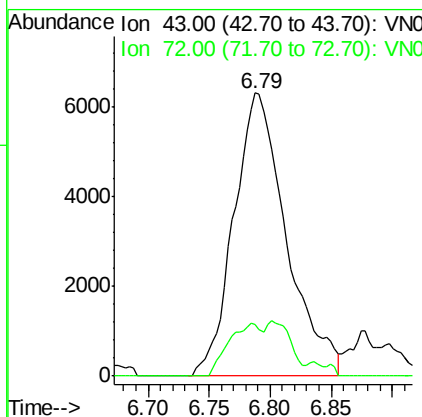
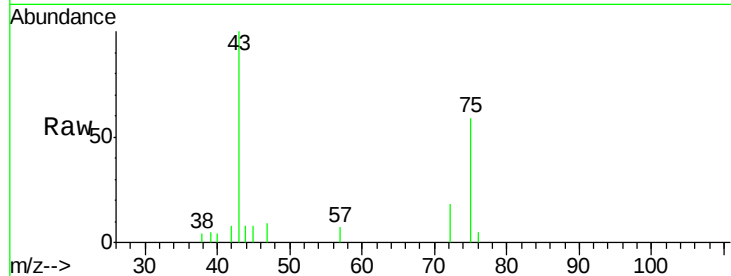




#25
2-Butanone
Concen: 11.462 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN064408.D
Acq: 30 Oct 2020 18:27

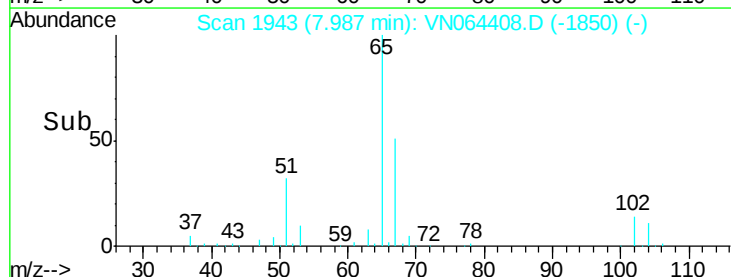
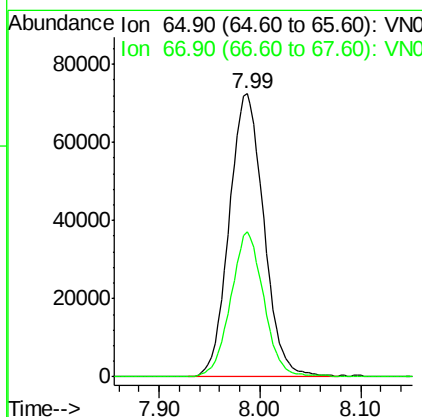
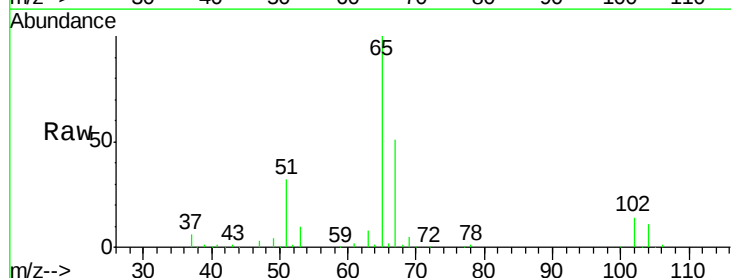
Instrument :
MSVOA_N
ClientSampleId :
RECLAMATION-PIT

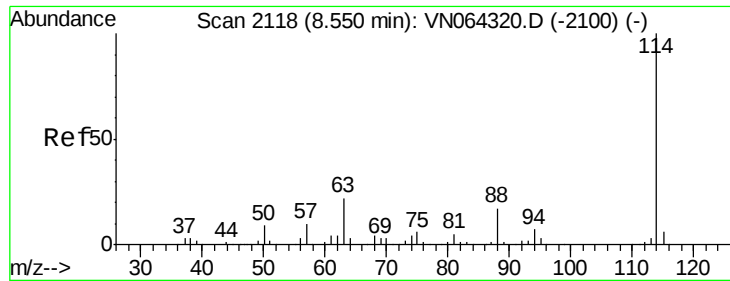
Tot Ion: 43 Resp: 18873
Ion Ratio Lower Upper
43 100
72 18.4 18.8 28.2#



#33
1,2-Dichloroethane-d4
Concen: 52.629 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064408.D
Acq: 30 Oct 2020 18:27

Tgt Ion: 65 Resp: 172590
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.2

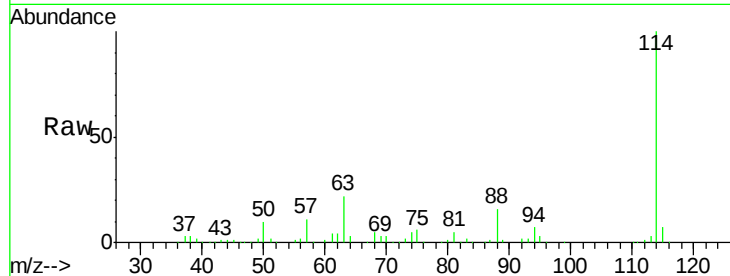




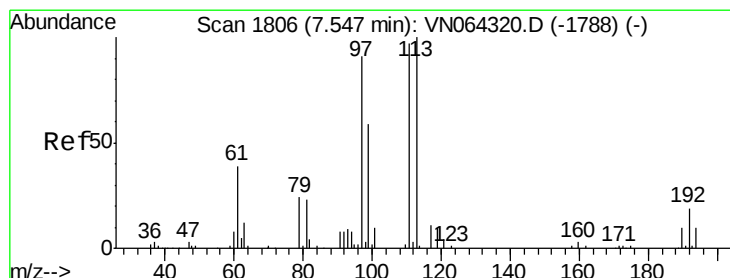
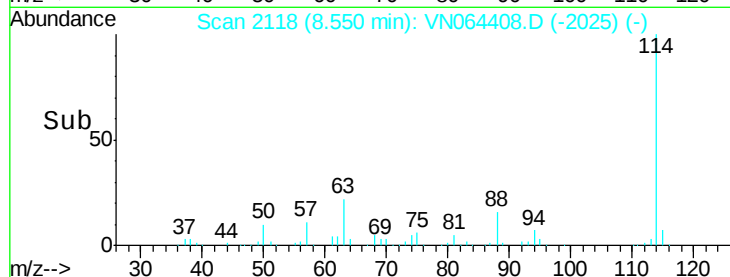
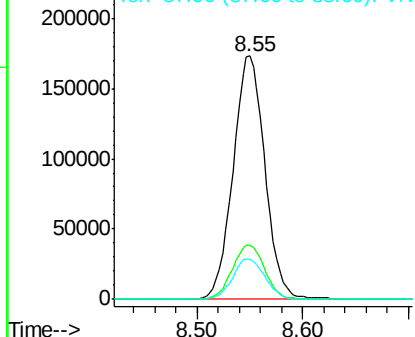
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064408.D
 Acq: 30 Oct 2020 18:27

Instrument :
 MSVOA_N
 ClientSampleId :
 RECLAMATION-PIT

Tot Ion:114 Resp: 362508
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.6
 88 16.2 0.0 33.4

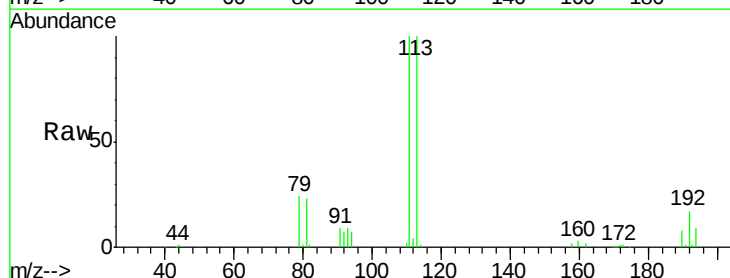


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

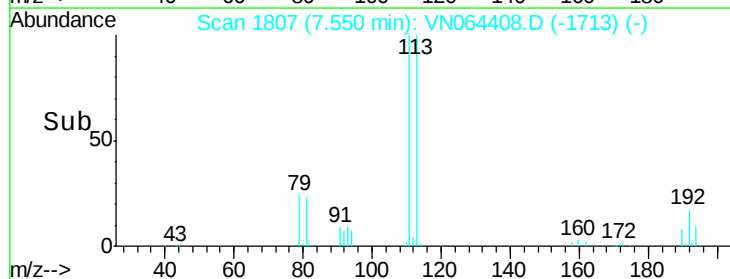
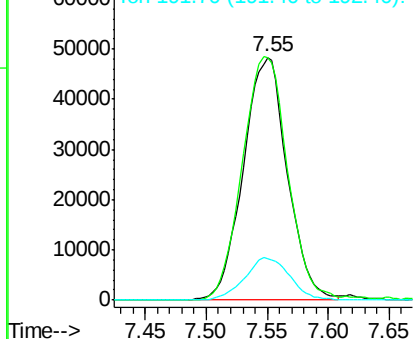


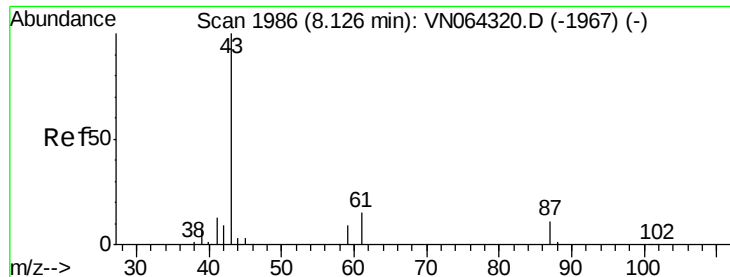
#35
 Dibromofluoromethane
 Concen: 49.849 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064408.D
 Acq: 30 Oct 2020 18:27

Tgt Ion:113 Resp: 120508
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.5 122.3
 192 17.9 15.0 22.4



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: 4.720 ug/l

RT: 8.12 min Scan# 1984

Delta R.T. -0.01 min

Lab File: VN064408.D

Acq: 30 Oct 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

RECLAMATION-PIT

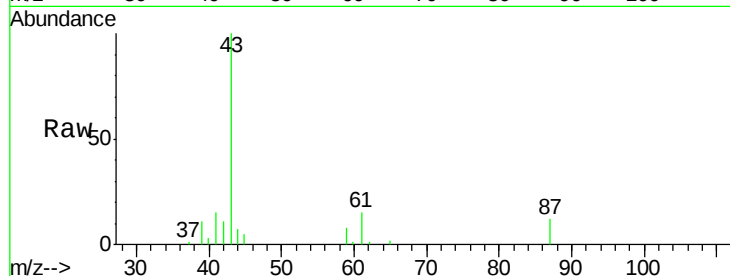
Tot Ion: 43 Resp: 29820

Ion Ratio Lower Upper

43 100

61 17.2 19.1 28.7#

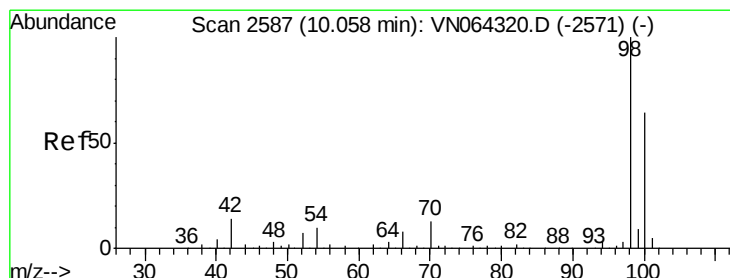
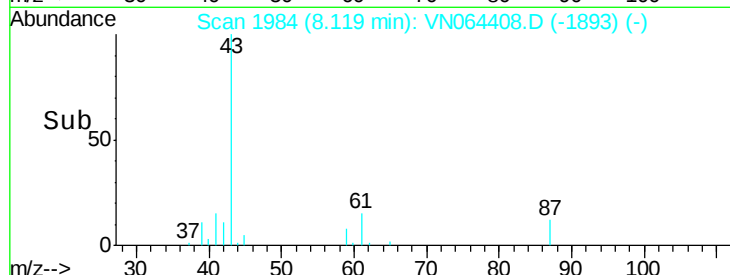
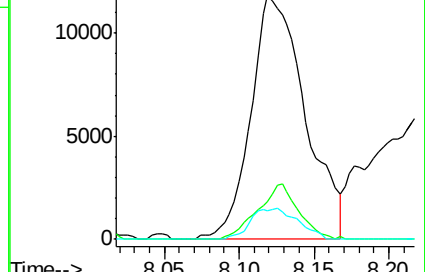
87 11.0 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN064408.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN064408.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN064408.D (-1967) (-)



#50

Toluene-d8

Concen: 51.841 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064408.D

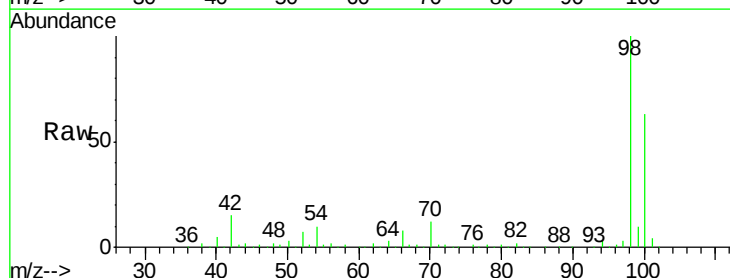
Acq: 30 Oct 2020 18:27

Tgt Ion: 98 Resp: 463556

Ion Ratio Lower Upper

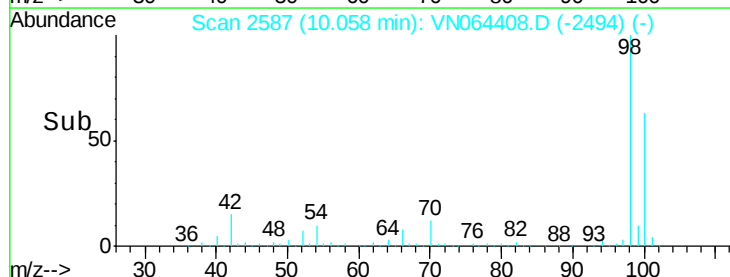
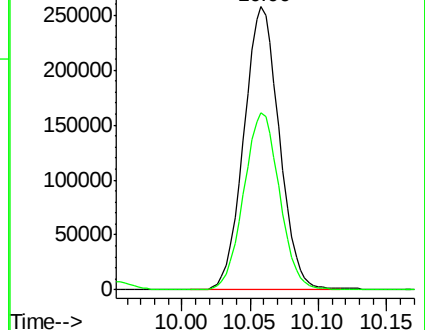
98 100

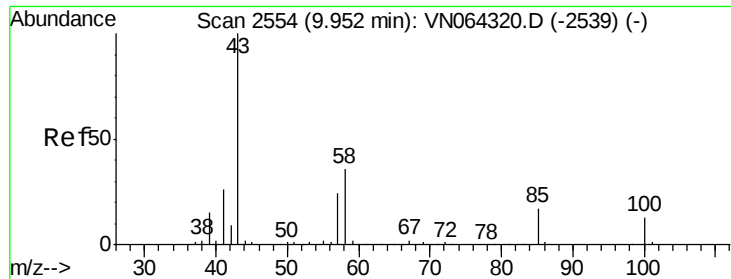
100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN064408.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064408.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 27.485 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064408.D

Acq: 30 Oct 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

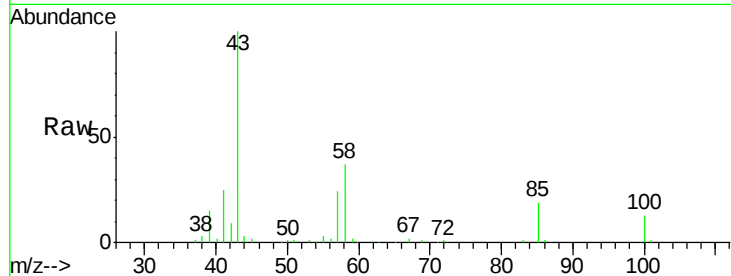
RECLAMATION-PIT

Tot Ion: 43 Resp: 100927

Ion Ratio Lower Upper

43 100

58 37.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-2539) (-)

60000

50000

40000

30000

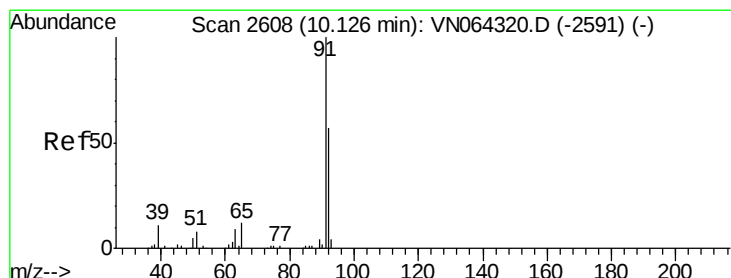
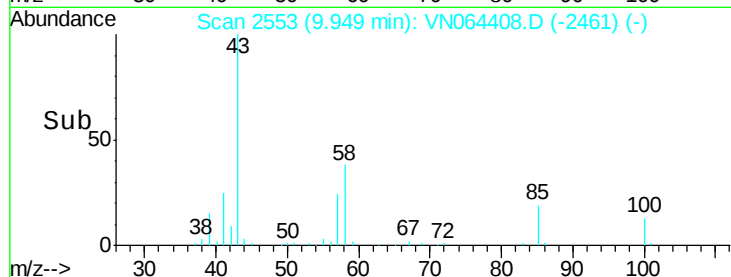
20000

10000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 1.541 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064408.D

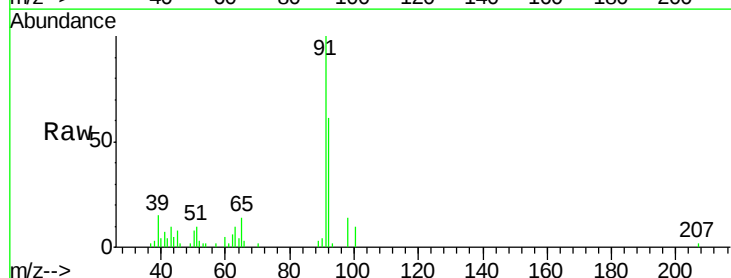
Acq: 30 Oct 2020 18:27

Tgt Ion: 92 Resp: 9902

Ion Ratio Lower Upper

92 100

91 171.1 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN064320.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN064320.D (-2591) (-)

10000

8000

6000

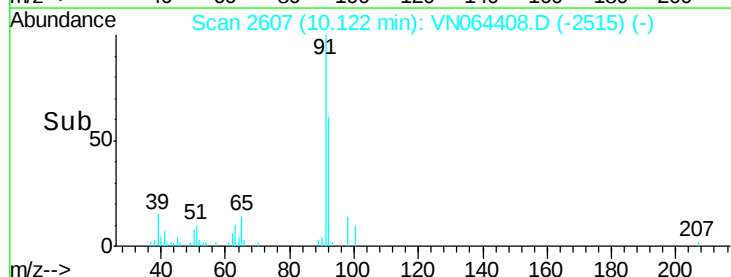
4000

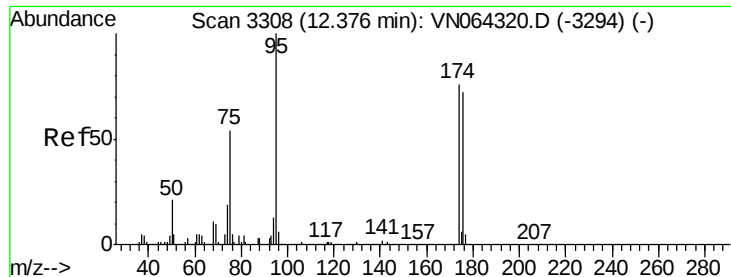
2000

0

10.05 10.10 10.15

Time-->

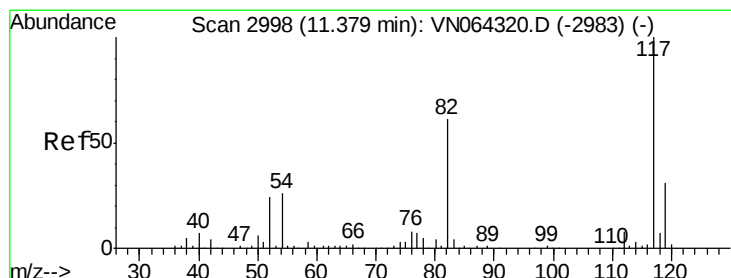
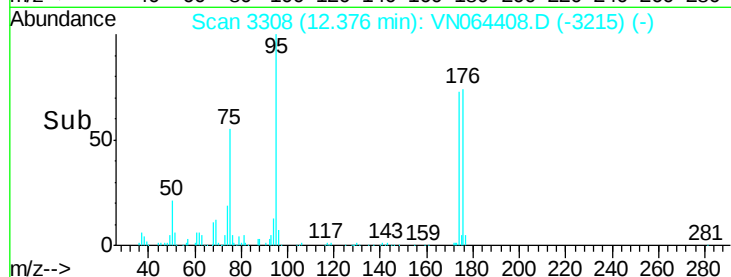
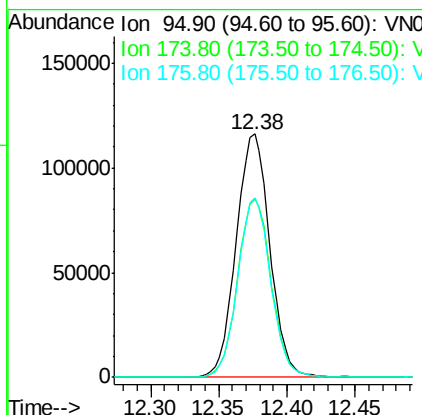
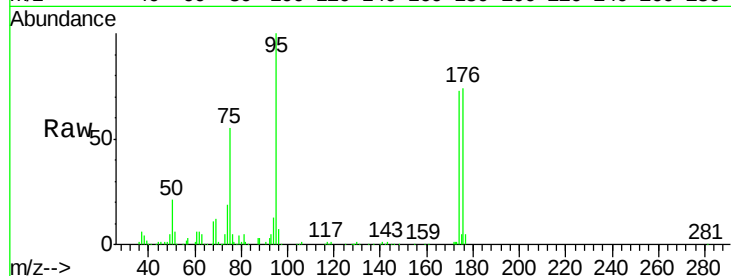




#62
4-Bromofluorobenzene
Concen: 57.189 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064408.D
Acq: 30 Oct 2020 18:27

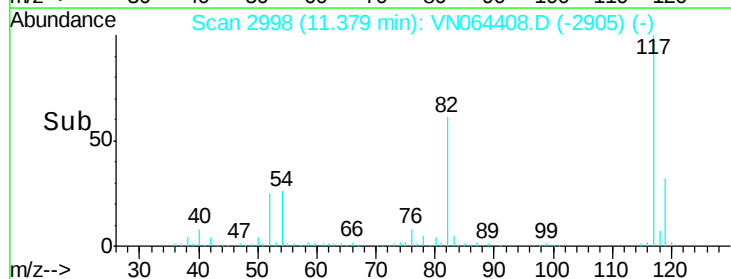
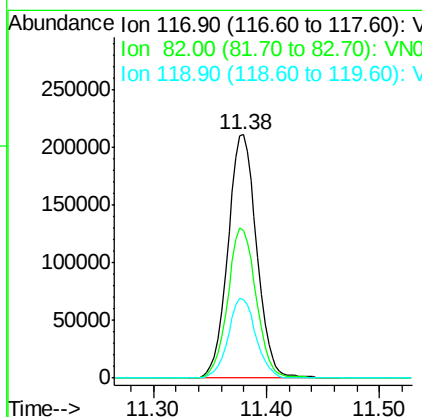
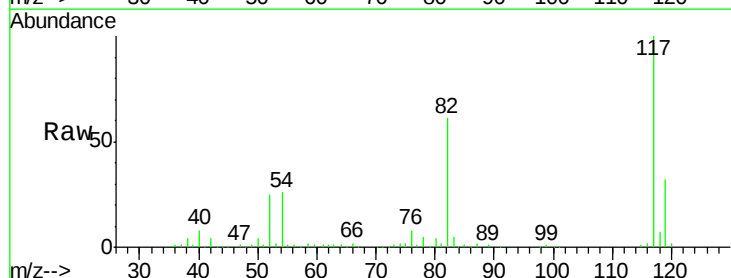
Instrument :
MSVOA_N
ClientSampleId :
RECLAMATION-PIT

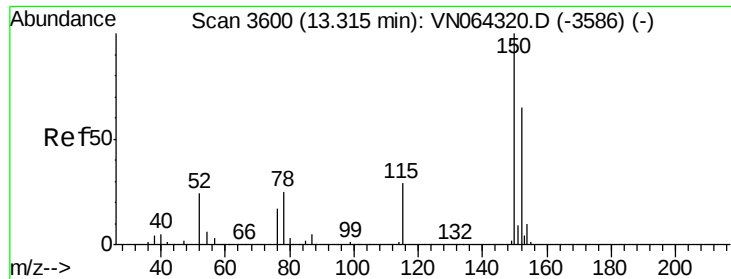
Tot Ion: 95 Resp: 199382
Ion Ratio Lower Upper
95 100
174 73.3 0.0 147.4
176 72.0 0.0 143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064408.D
Acq: 30 Oct 2020 18:27

Tgt Ion: 117 Resp: 373187
Ion Ratio Lower Upper
117 100
82 60.7 48.8 73.2
119 32.4 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064408.D

Acq: 30 Oct 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

RECLAMATION-PIT

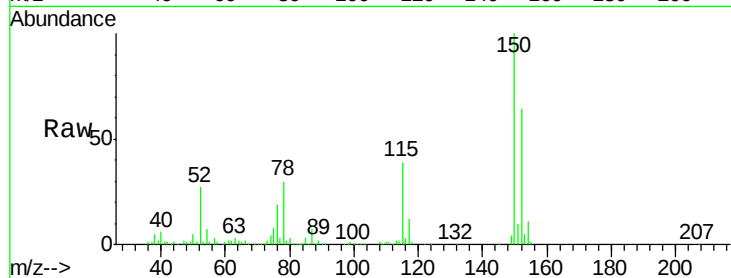
Tot Ion:152 Resp: 159422

Ion Ratio Lower Upper

152 100

115 62.4 31.5 94.5

150 159.9 0.0 346.2



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

