

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042020\
 Data File : VX015775.D
 Acq On : 20 Apr 2020 18:51
 Operator : JC/SP
 Sample : L2341-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WATER-RECLAIM-SEDIMENT-PIT

Quant Time: Apr 21 08:42:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1036811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1608388	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1527864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	868131	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	614164	42.00	ug/l	0.00
Spiked Amount			Recovery	=	84.00%	
35) Dibromofluoromethane	5.47	113	492394	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
50) Toluene-d8	8.70	98	1907867	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.12	95	814610	52.95	ug/l	0.00
Spiked Amount			Recovery	=	105.90%	

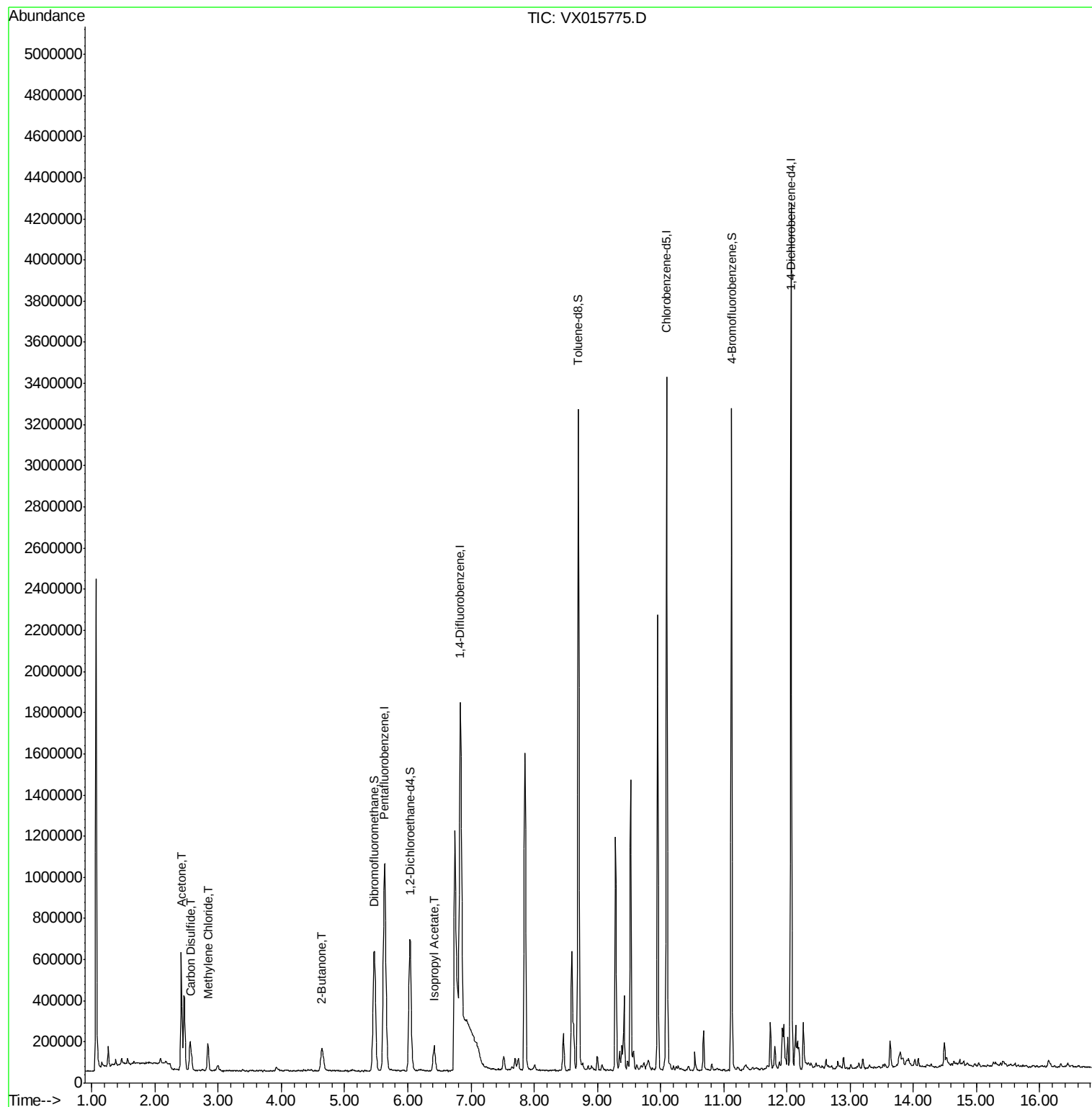
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	608862	96.915	ug/l	100
17) Carbon Disulfide	2.55	76	168266	5.635	ug/l	98
20) Methylene Chloride	2.84	84	60014	5.114	ug/l	90
25) 2-Butanone	4.64	43	172396	17.063	ug/l	99
43) Isopropyl Acetate	6.42	43	174474	5.356	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015775.D

Acq: 20 Apr 2020 18:51

Instrument :

MSVOA_X

ClientSampleId :

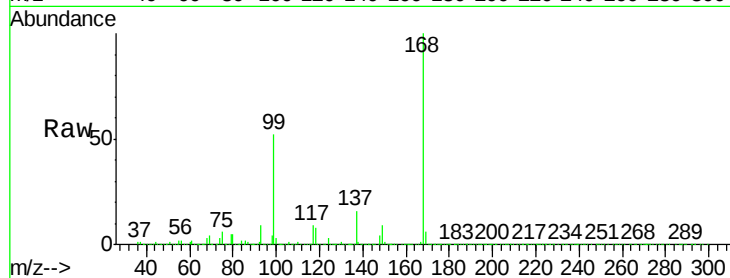
WATER-RECLAIM-SEDIMENT-PIT

Tot Ion:168 Resp: 1036811

Ion Ratio Lower Upper

168 100

99 52.0 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

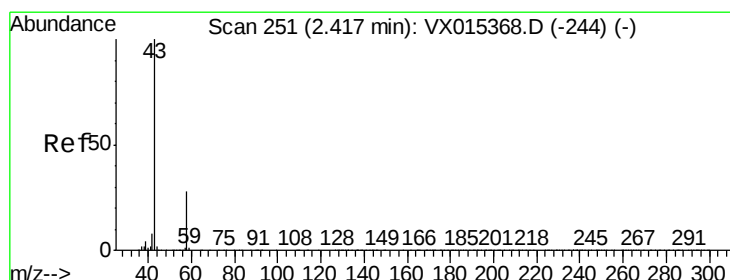
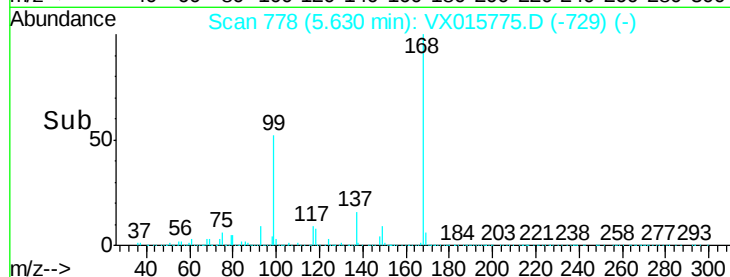
200000

100000

0

5.50 5.60 5.70

Time-->



#16

Acetone

Concen: 96.915 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015775.D

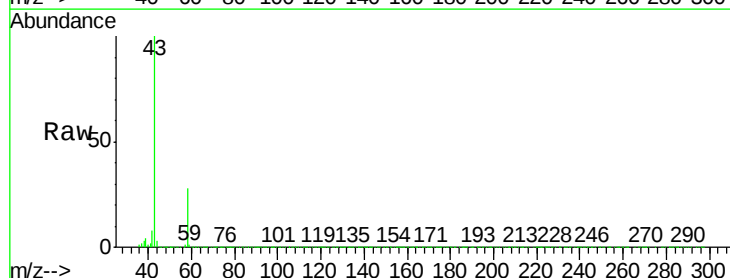
Acq: 20 Apr 2020 18:51

Tgt Ion: 43 Resp: 608862

Ion Ratio Lower Upper

43 100

58 27.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

400000

300000

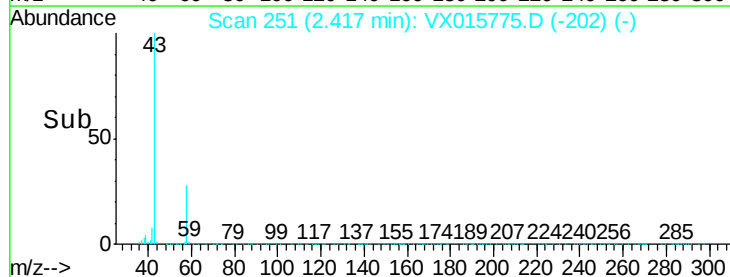
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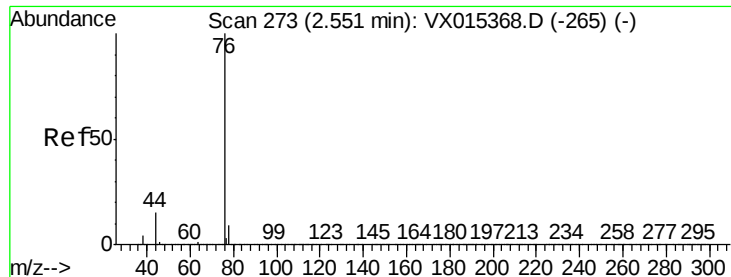
100000

0

2.30 2.40 2.50

Time-->





#17

Carbon Disulfide

Concen: 5.635 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015775.D

Acq: 20 Apr 2020 18:51

Instrument :

MSVOA_X

ClientSampleId :

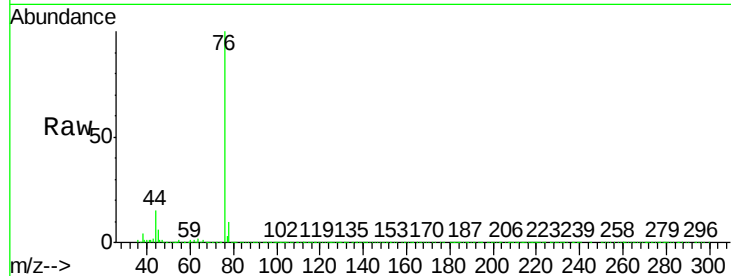
WATER-RECLAIM-SEDIMENT-PIT

Tot Ion: 76 Resp: 168266

Ion Ratio Lower Upper

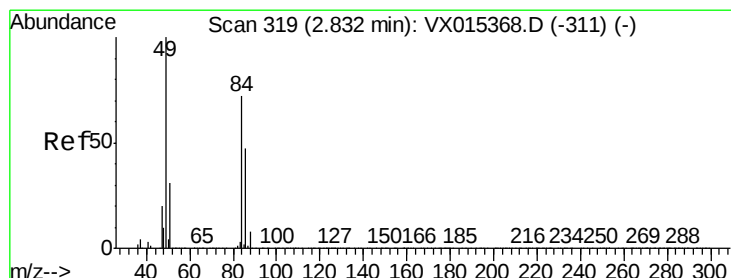
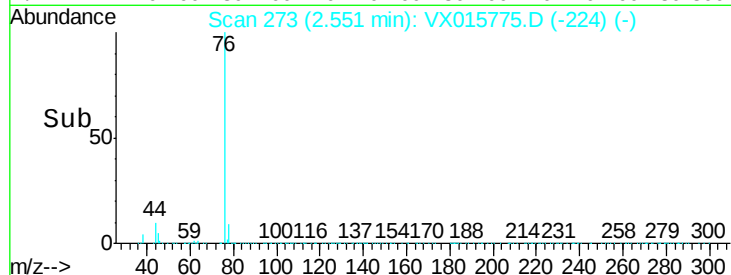
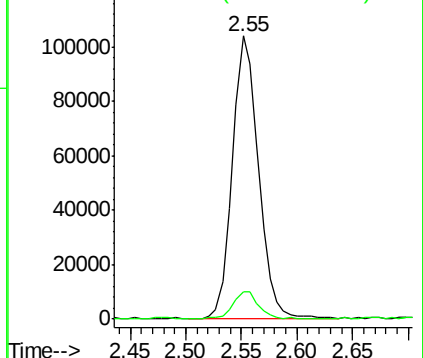
76 100

78 9.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#20

Methylene Chloride

Concen: 5.114 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.01 min

Lab File: VX015775.D

Acq: 20 Apr 2020 18:51

Tgt Ion: 84 Resp: 60014

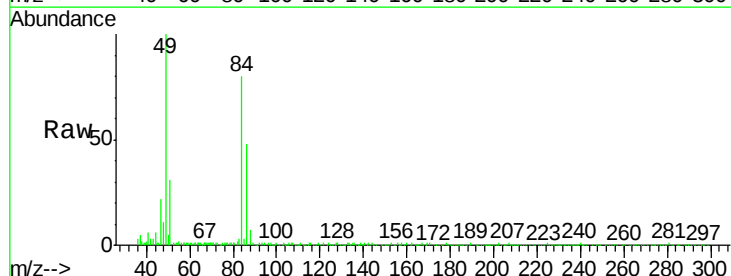
Ion Ratio Lower Upper

84 100

49 124.9 111.3 166.9

51 36.5 34.0 51.0

86 59.7 52.5 78.7

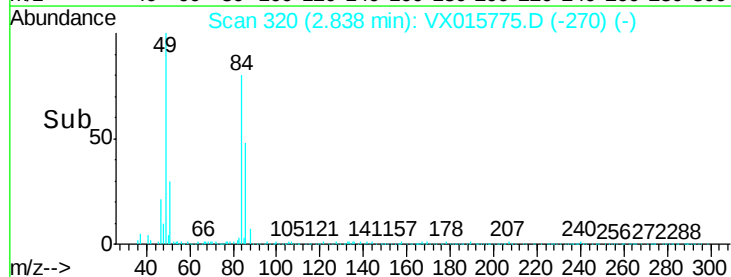
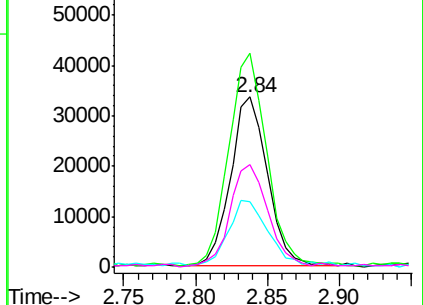


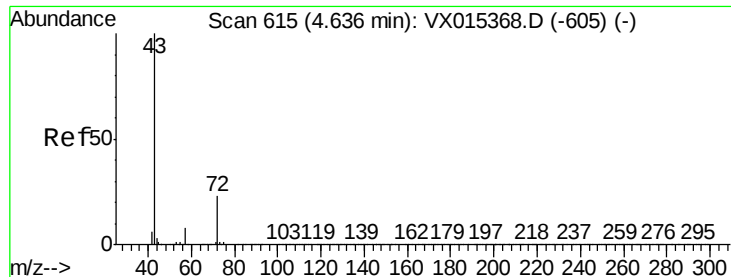
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

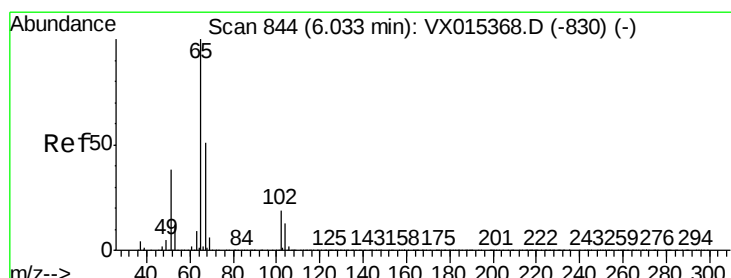
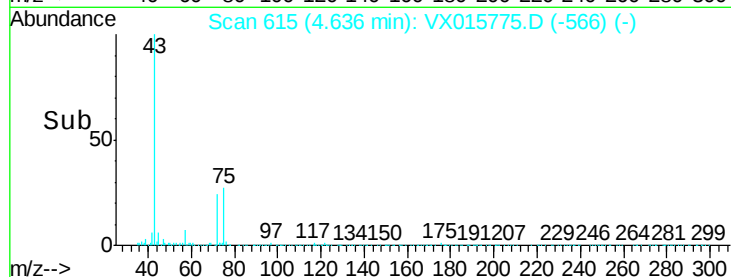
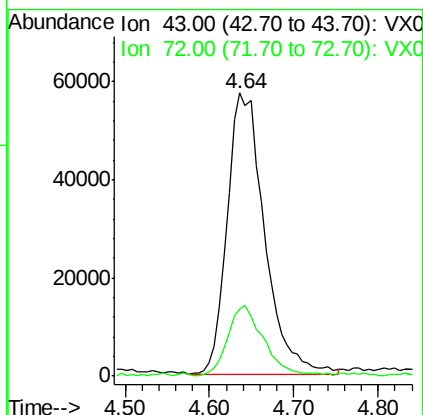
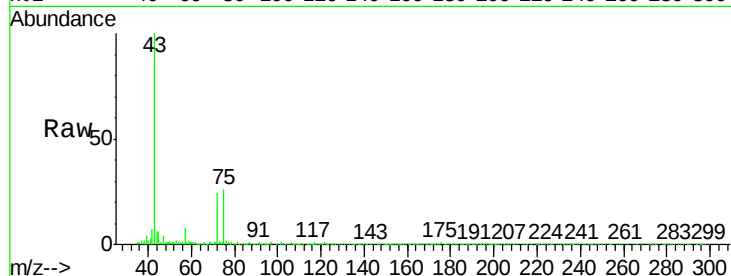




#25
2-Butanone
Concen: 17.063 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015775.D
Acq: 20 Apr 2020 18:51

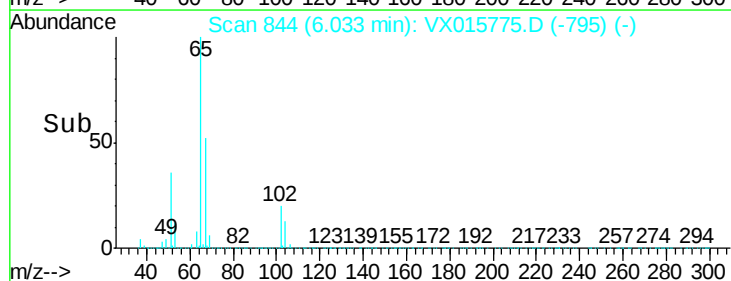
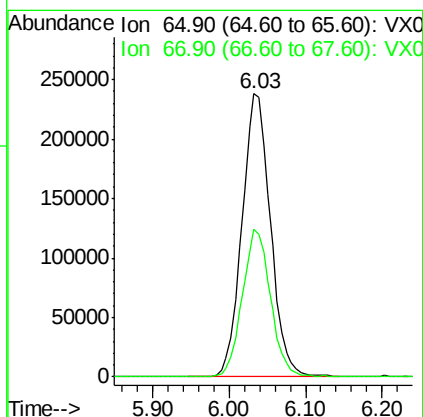
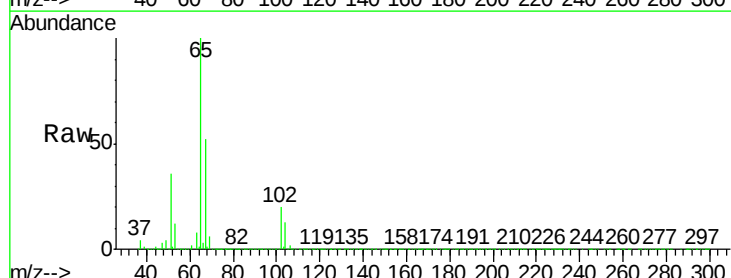
Instrument :
MSVOA_X
ClientSampleId :
WATER-RECLAIM-SEDIMENT-PIT

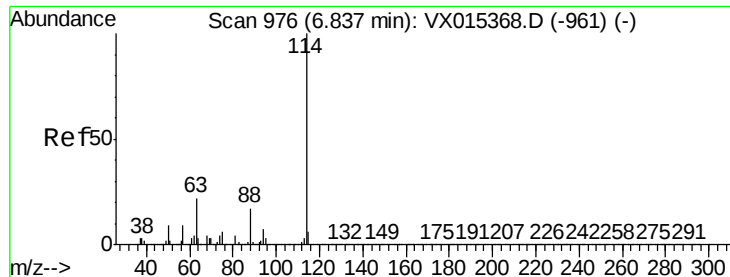
Tot Ion: 43 Resp: 172396
Ion Ratio Lower Upper
43 100
72 23.3 19.0 28.4



#33
1,2-Dichloroethane-d4
Concen: 42.000 ug/l
RT: 6.03 min Scan# 844
Delta R.T. 0.00 min
Lab File: VX015775.D
Acq: 20 Apr 2020 18:51

Tgt Ion: 65 Resp: 614164
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015775.D

Acq: 20 Apr 2020 18:51

Instrument :

MSVOA_X

ClientSampleId :

WATER-RECLAIM-SEDIMENT-PIT

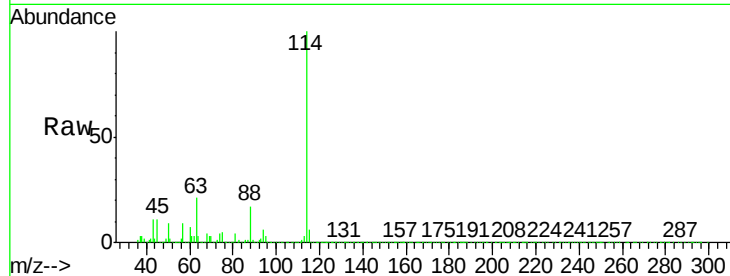
Tot Ion:114 Resp: 1608388

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.2

88 16.5 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

800000

600000

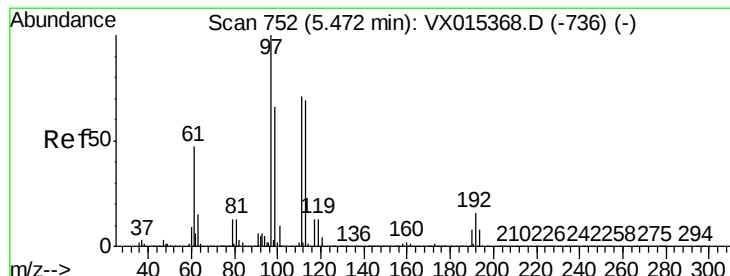
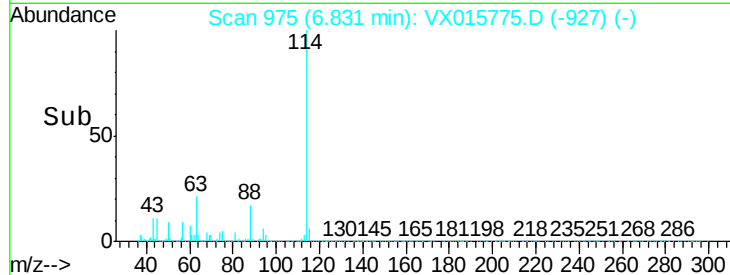
400000

200000

0

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 47.892 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015775.D

Acq: 20 Apr 2020 18:51

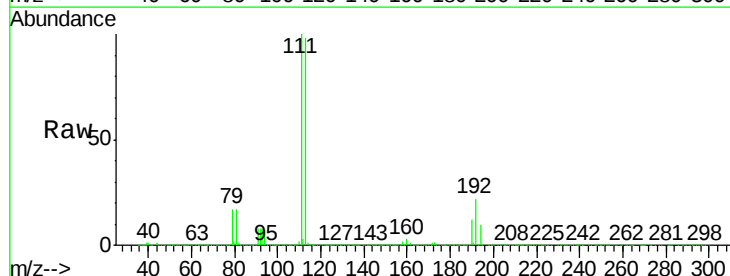
Tgt Ion:113 Resp: 492394

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

192 23.8 17.8 26.6



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

250000

200000

150000

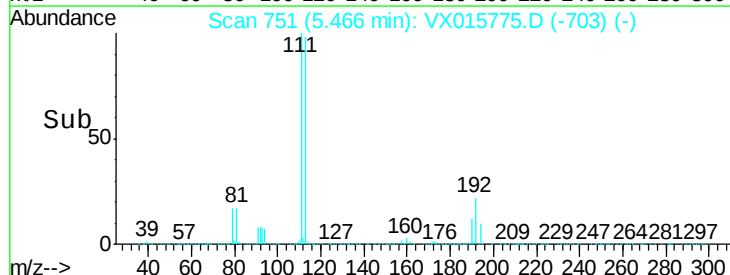
100000

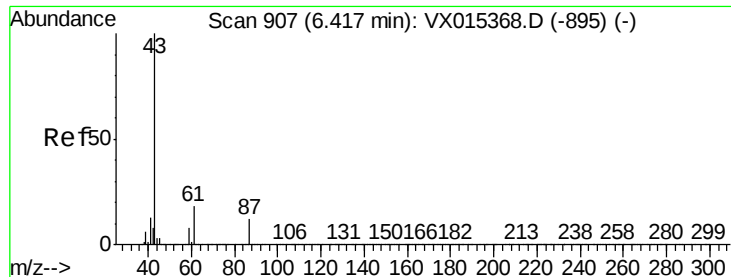
50000

0

5.40 5.50 5.60

Time-->





#43

Isopropyl Acetate

Concen: 5.356 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015775.D

Acq: 20 Apr 2020 18:51

Instrument :

MSVOA_X

ClientSampleId :

WATER-RECLAIM-SEDIMENT-PIT

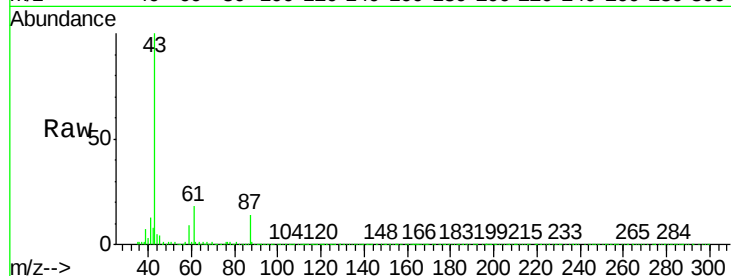
Tot Ion: 43 Resp: 174474

Ion Ratio Lower Upper

43 100

61 20.5 14.8 22.2

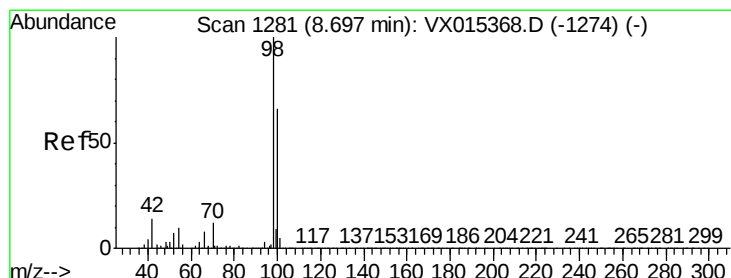
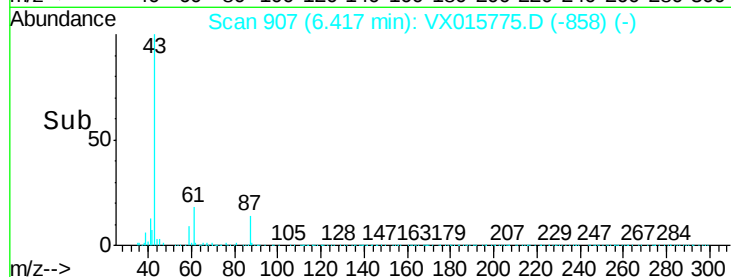
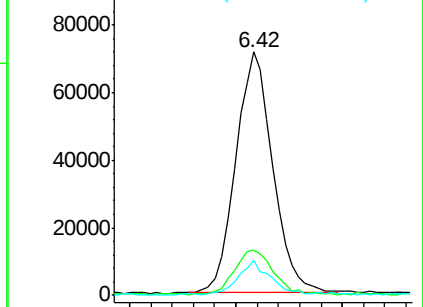
87 11.7 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 50.402 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015775.D

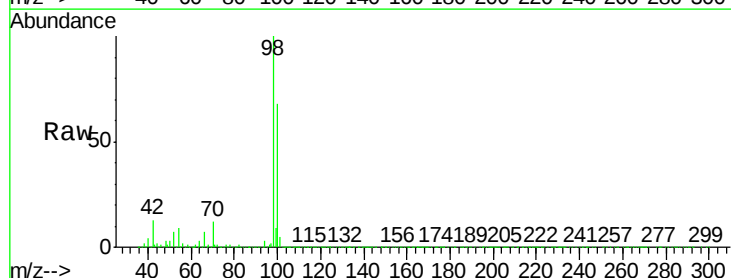
Acq: 20 Apr 2020 18:51

Tgt Ion: 98 Resp: 1907867

Ion Ratio Lower Upper

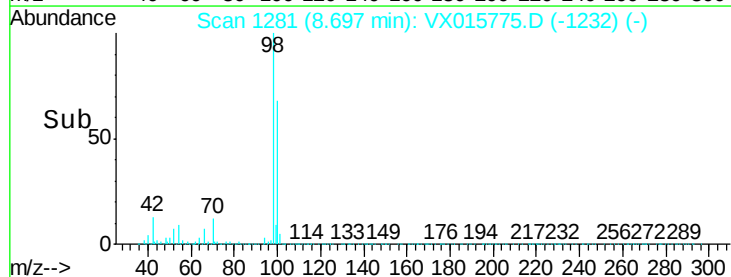
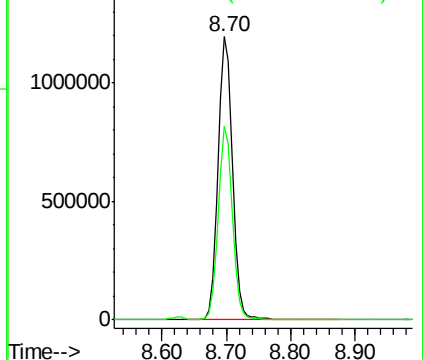
98 100

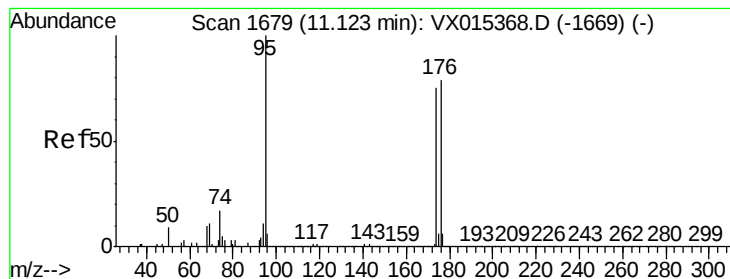
100 66.9 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.954 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015775.D

Acq: 20 Apr 2020 18:51

Instrument :

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ClientSampleId :

WATER-RECLAIM-SEDIMENT-PIT

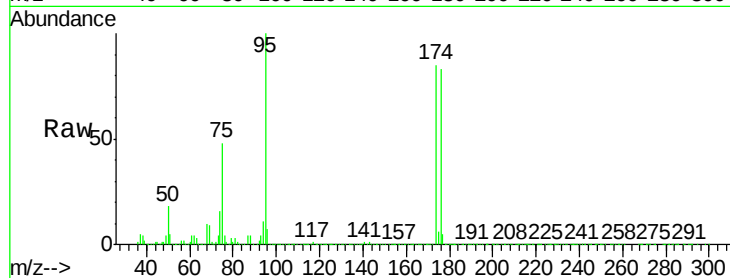
Tot Ion: 95 Resp: 814610

Ion Ratio Lower Upper

95 100

174 87.7 0.0 158.6

176 83.9 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

800000

600000

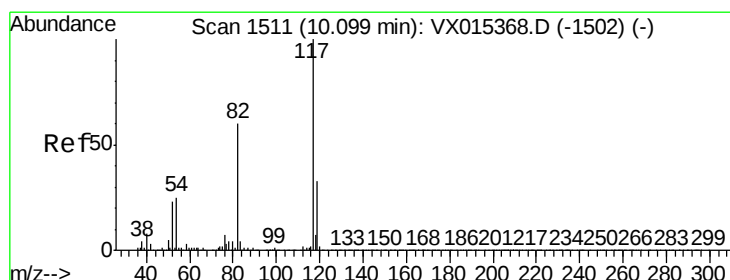
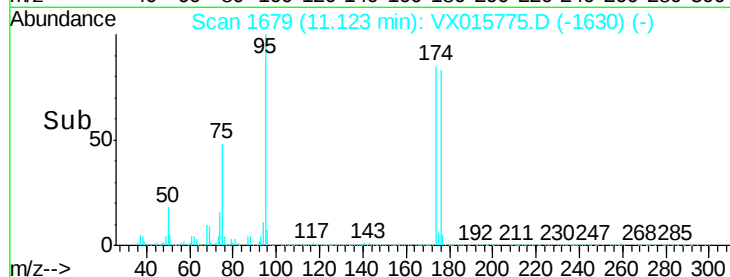
400000

200000

0

11.05 11.10 11.15 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015775.D

Acq: 20 Apr 2020 18:51

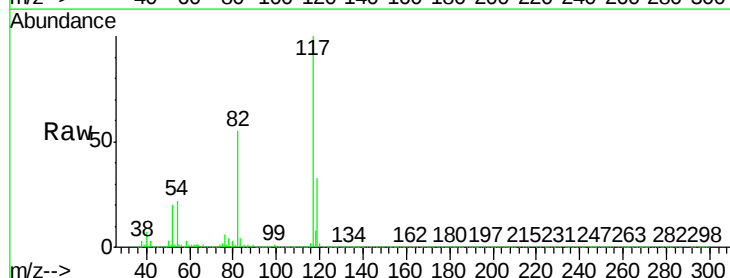
Tgt Ion: 117 Resp: 1527864

Ion Ratio Lower Upper

117 100

82 55.0 47.8 71.8

119 33.5 26.8 40.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

1500000

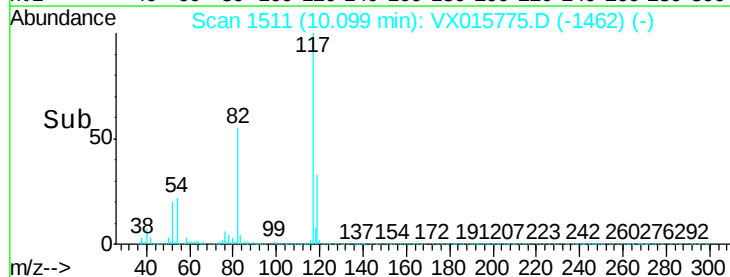
1000000

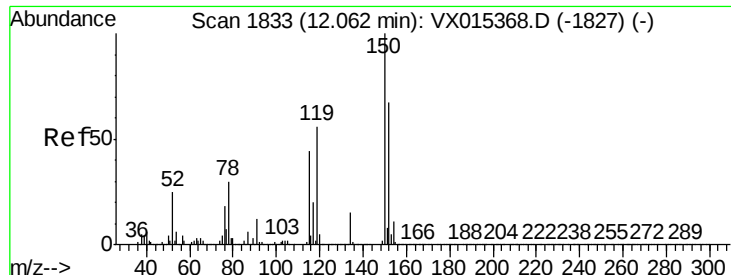
500000

0

10.00 10.10 10.20

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015775.D

Acq: 20 Apr 2020 18:51

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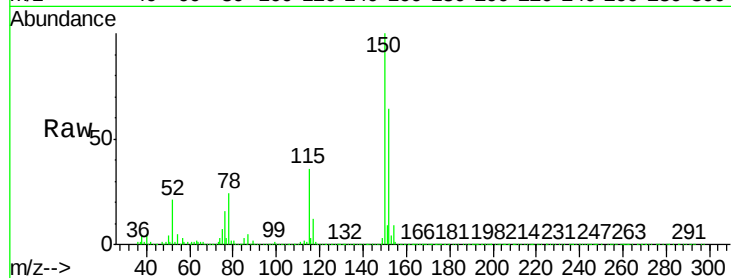
Tot Ion:152 Resp: 868131

Ion Ratio Lower Upper

152 100

115 55.9 39.0 116.9

150 155.4 0.0 340.8



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

