

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\
 Data File : VX015827.D
 Acq On : 22 Apr 2020 04:44
 Operator : JC/SP
 Sample : L2340-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

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

Quant Time: Apr 22 07:31:59 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	5.64	168	964145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1496810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1480878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	791490	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	547192	40.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.48%	
35) Dibromofluoromethane	5.48	113	439107	45.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.78%	
50) Toluene-d8	8.70	98	1841099	52.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	11.12	95	766240	53.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.04%	

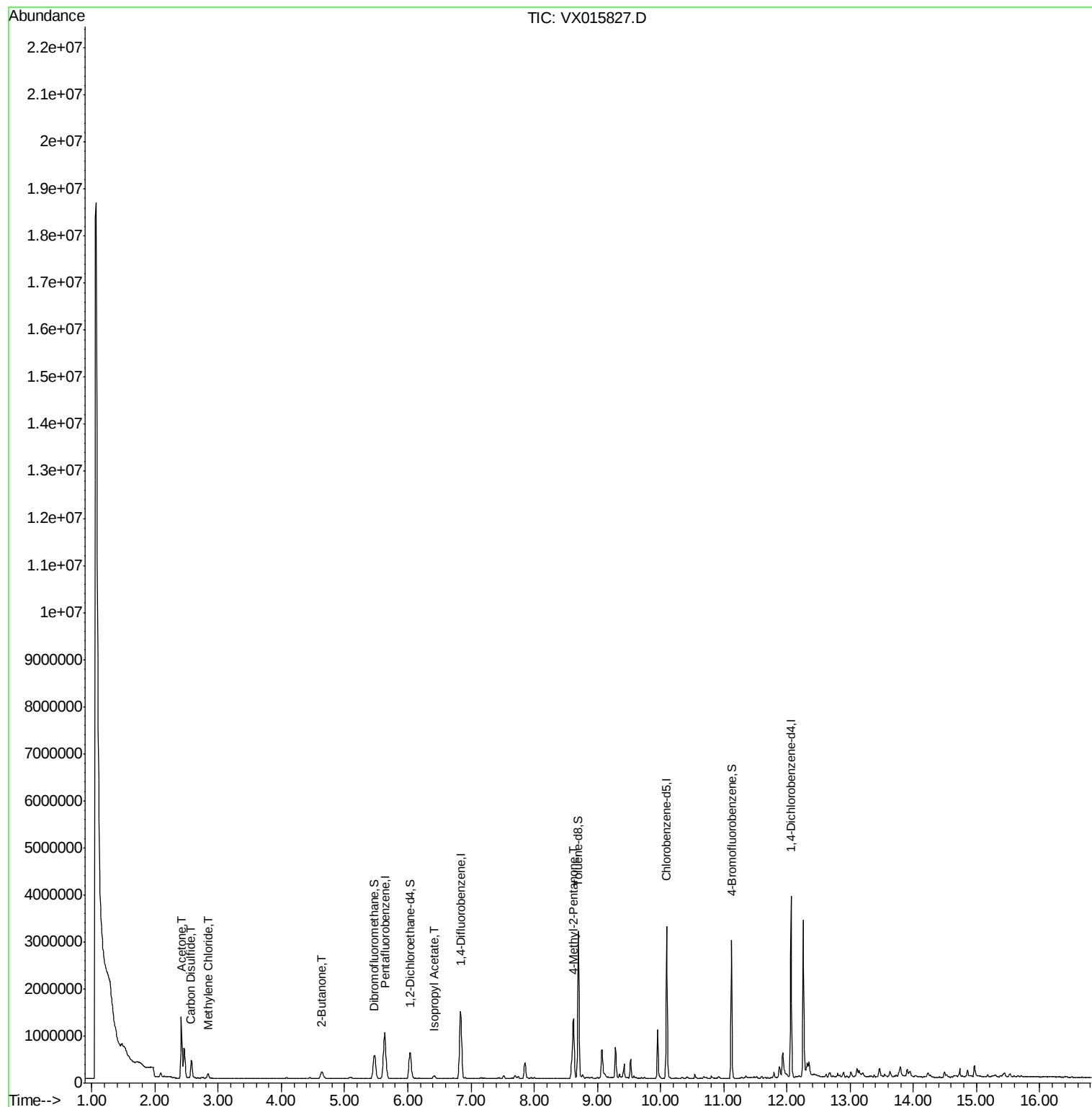
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	1422519	243.494	ug/l	96
17) Carbon Disulfide	2.56	76	30515	1.099	ug/l #	92
20) Methylene Chloride	2.84	84	44694	4.096	ug/l #	85
25) 2-Butanone	4.64	43	256892	27.343	ug/l	96
43) Isopropyl Acetate	6.42	43	90847	2.997	ug/l #	96
51) 4-Methyl-2-Pentanone	8.62	43	889314	51.766	ug/l	94

(#) = 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
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015827.D

Acq: 22 Apr 2020 04:44

Instrument :

MSVOA_X

ClientSampleId :

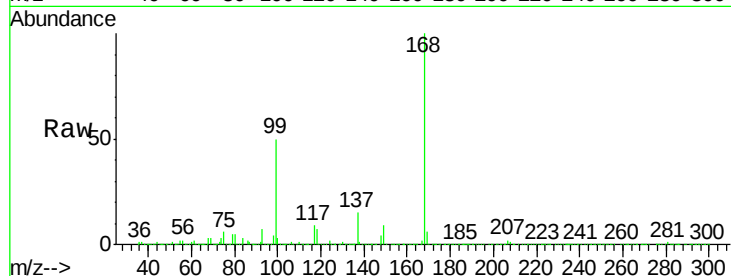
RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion:168 Resp: 964145

Ion Ratio Lower Upper

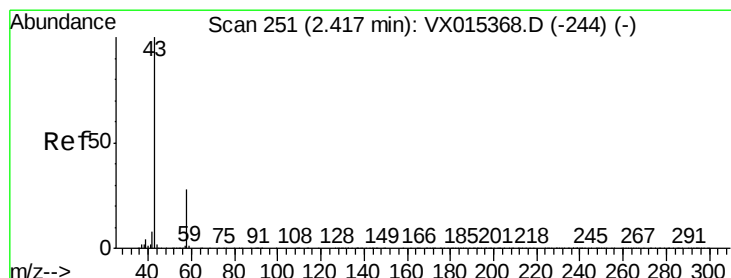
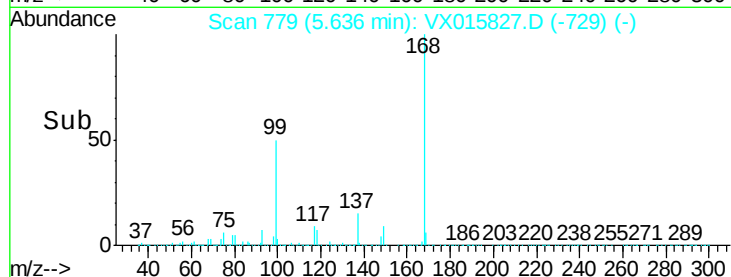
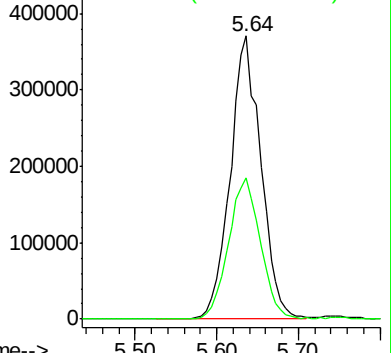
168 100

99 49.7 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 243.494 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015827.D

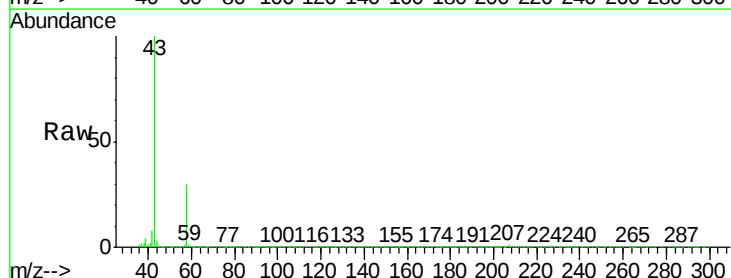
Acq: 22 Apr 2020 04:44

Tgt Ion: 43 Resp: 1422519

Ion Ratio Lower Upper

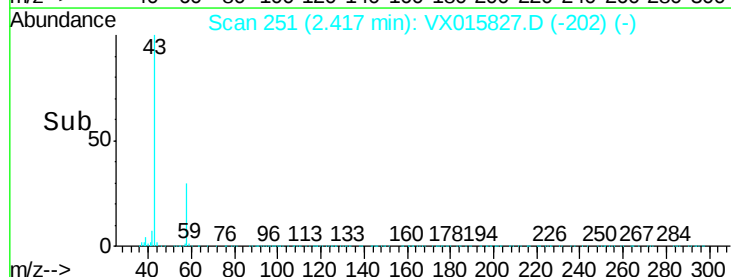
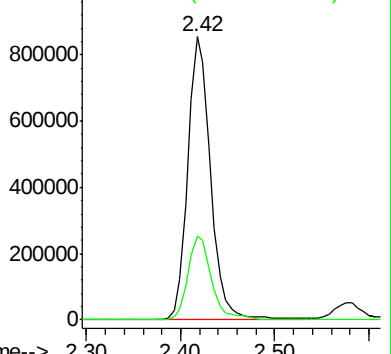
43 100

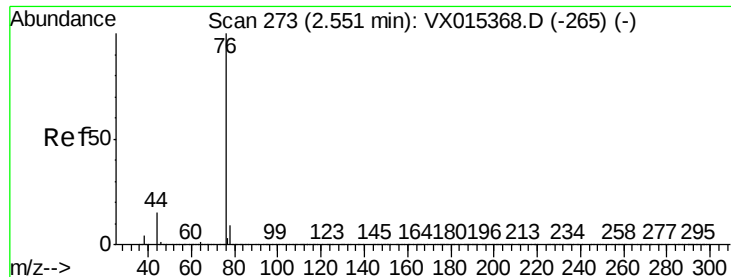
58 29.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.099 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX015827.D

Acq: 22 Apr 2020 04:44

Instrument :

MSVOA_X

ClientSampleId :

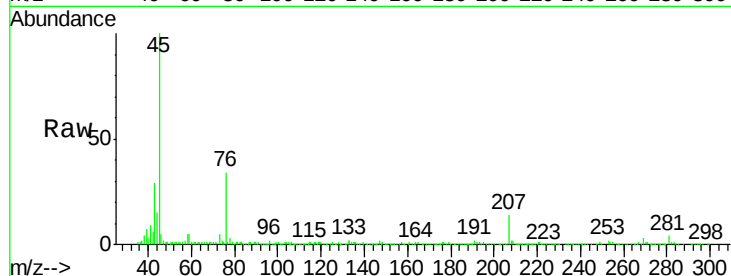
RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion: 76 Resp: 30515

Ion Ratio Lower Upper

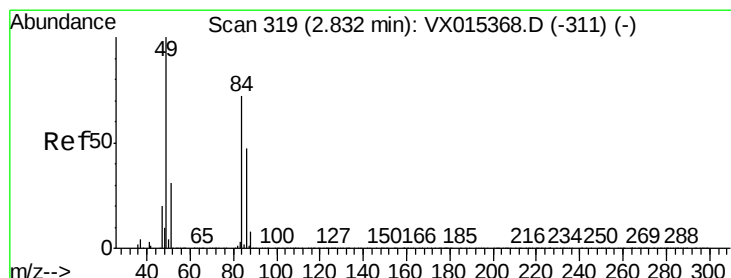
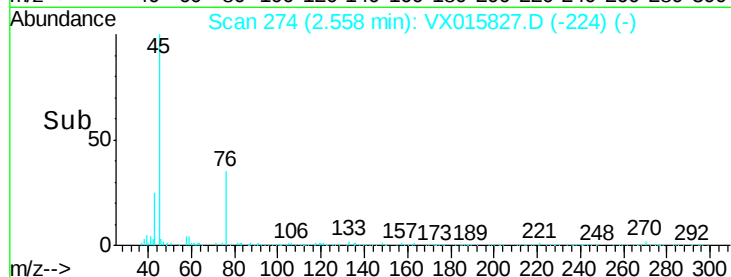
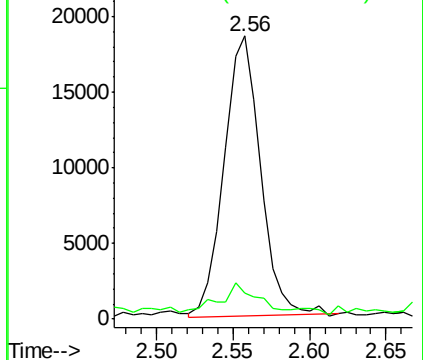
76 100

78 6.0 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: 4.096 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.01 min

Lab File: VX015827.D

Acq: 22 Apr 2020 04:44

Tgt Ion: 84 Resp: 44694

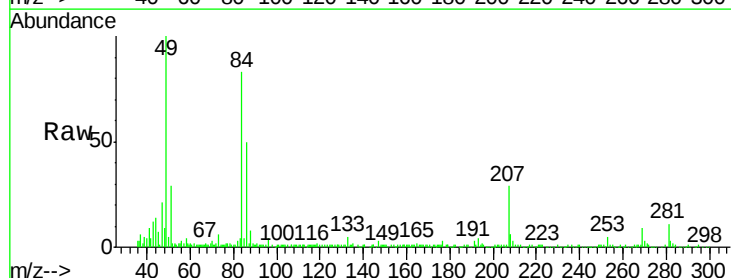
Ion Ratio Lower Upper

84 100

49 119.0 111.3 166.9

51 32.2 34.0 51.0#

86 57.8 52.5 78.7

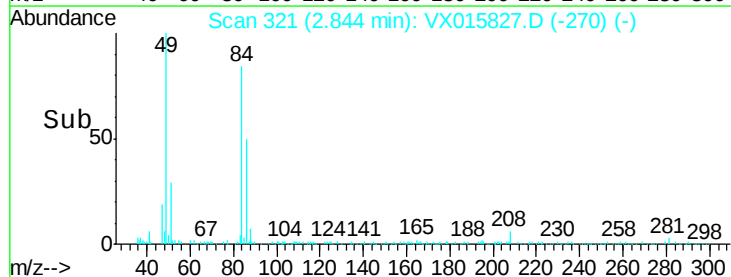
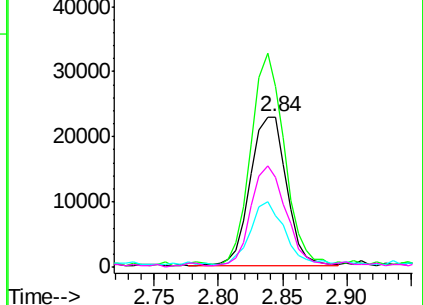


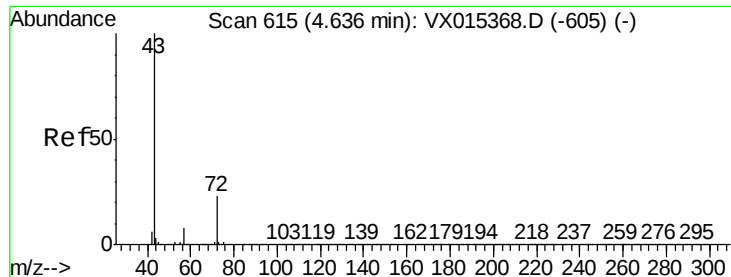
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 27.343 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015827.D

Acq: 22 Apr 2020 04:44

Instrument :

MSVOA_X

ClientSampleId :

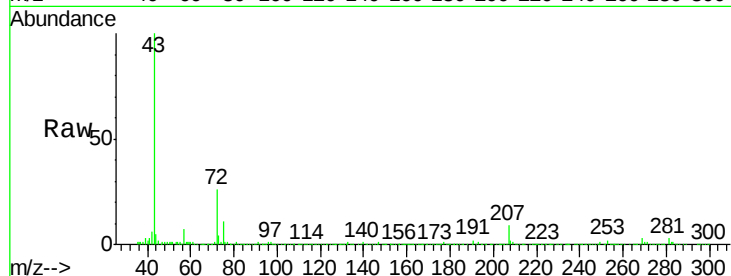
RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion: 43 Resp: 256892

Ion Ratio Lower Upper

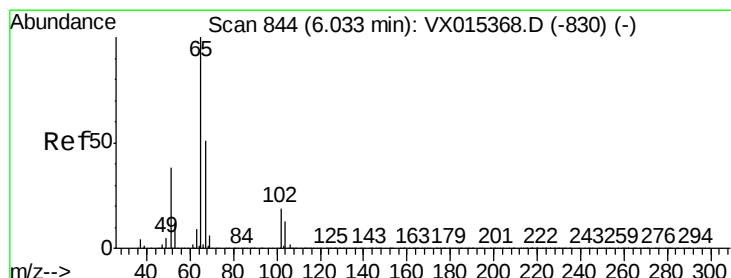
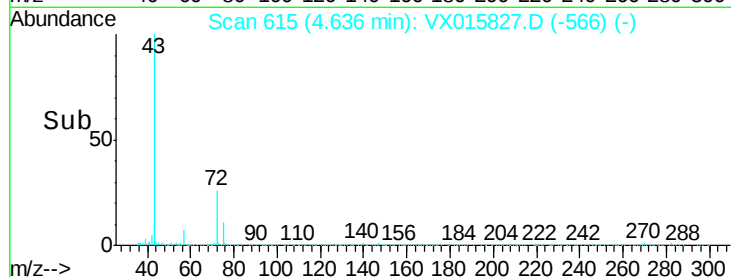
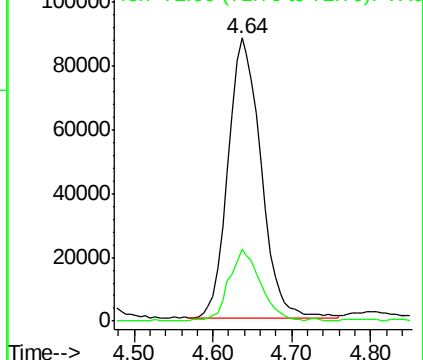
43 100

72 25.8 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 40.240 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015827.D

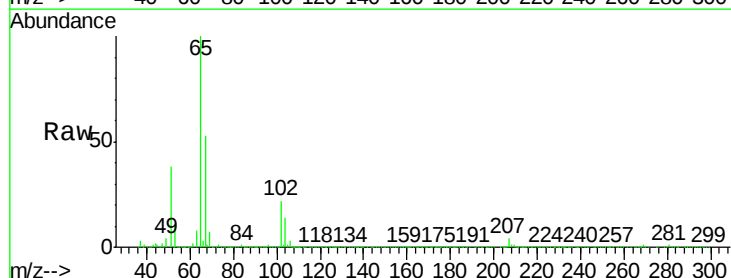
Acq: 22 Apr 2020 04:44

Tgt Ion: 65 Resp: 547192

Ion Ratio Lower Upper

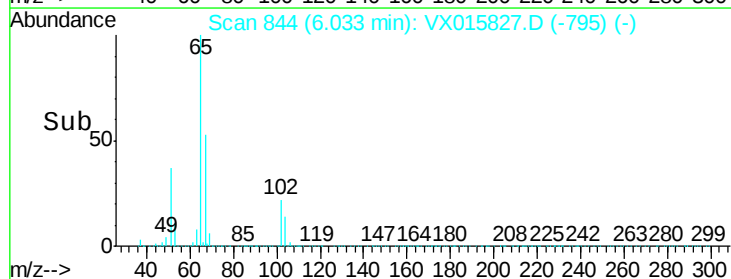
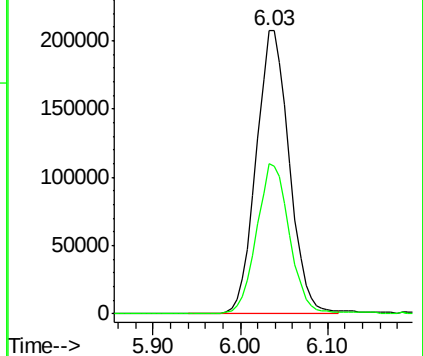
65 100

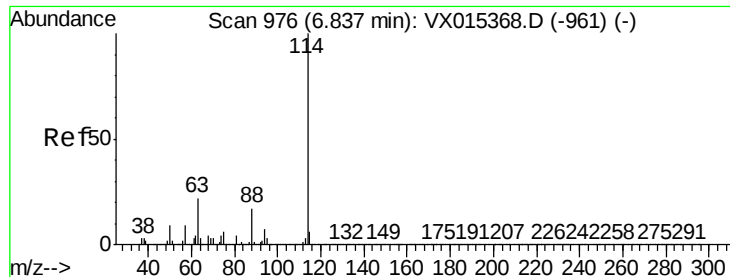
67 52.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015827.D

Acq: 22 Apr 2020 04:44

Instrument :

MSVOA_X

ClientSampleId :

RECLAIM-SYSTEM-SEDIMENT-PIT

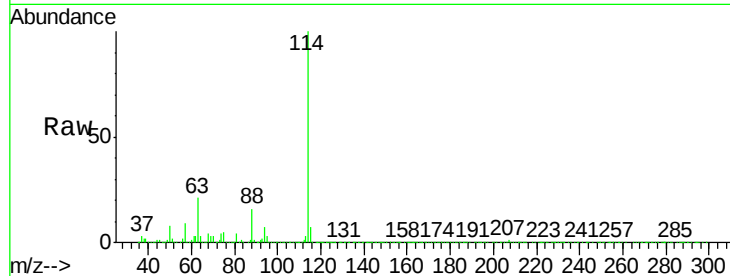
Tot Ion:114 Resp: 1496810

Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.2

88 16.3 0.0 33.8



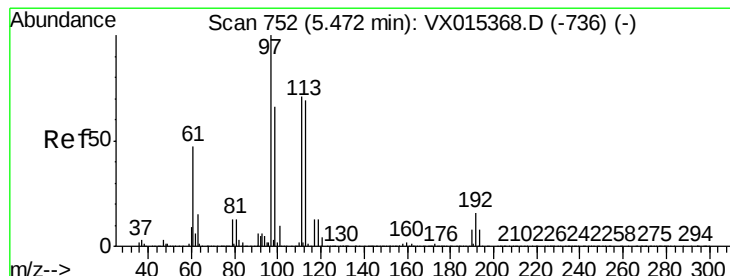
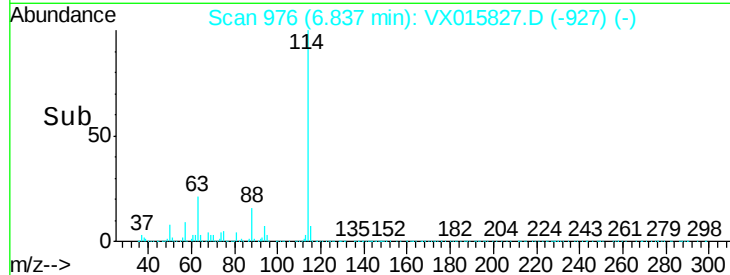
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

Time-->



#35

Dibromofluoromethane

Concen: 45.893 ug/l

RT: 5.48 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX015827.D

Acq: 22 Apr 2020 04:44

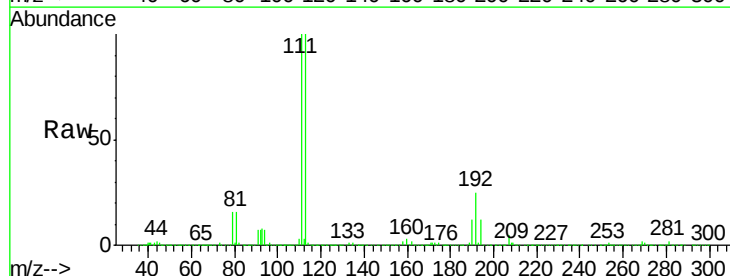
Tgt Ion:113 Resp: 439107

Ion Ratio Lower Upper

113 100

111 100.9 81.5 122.3

192 24.0 17.8 26.6



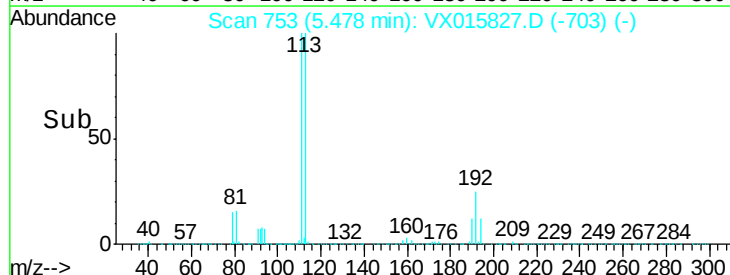
Abundance Ion 112.80 (112.50 to 113.50): V

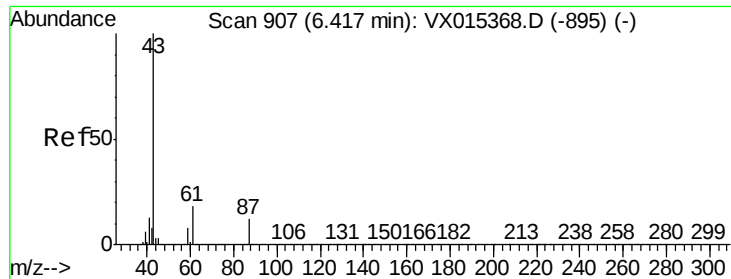
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.48

Time-->





#43

Isopropyl Acetate

Concen: 2.997 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: VX015827.D

Acq: 22 Apr 2020 04:44

Instrument :

MSVOA_X

ClientSampleId :

RECLAIM-SYSTEM-SEDIMENT-PIT

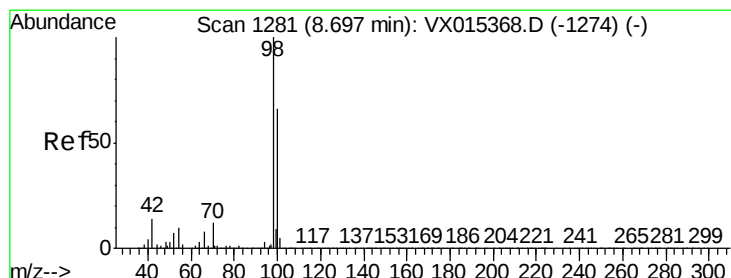
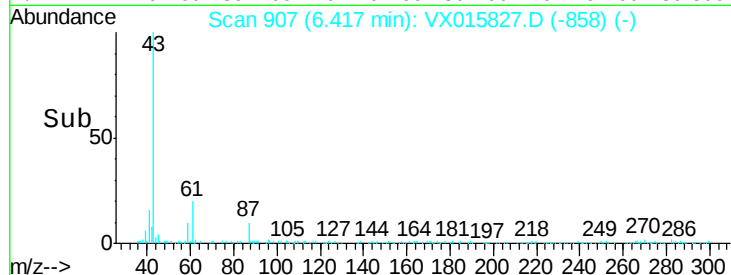
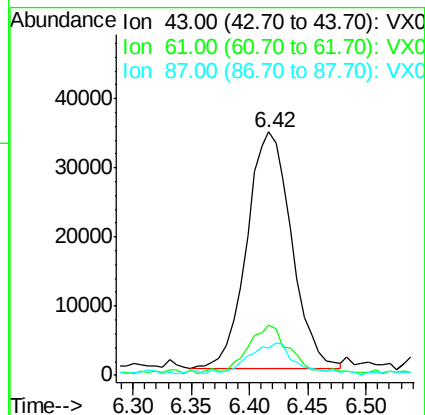
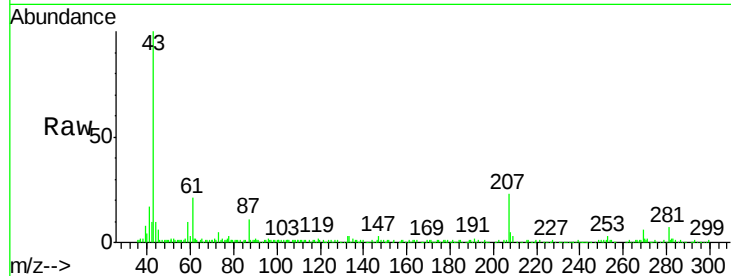
Tot Ion: 43 Resp: 90847

Ion Ratio Lower Upper

43 100

61 18.6 14.8 22.2

87 15.3 9.4 14.0#



#50

Toluene-d8

Concen: 52.264 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015827.D

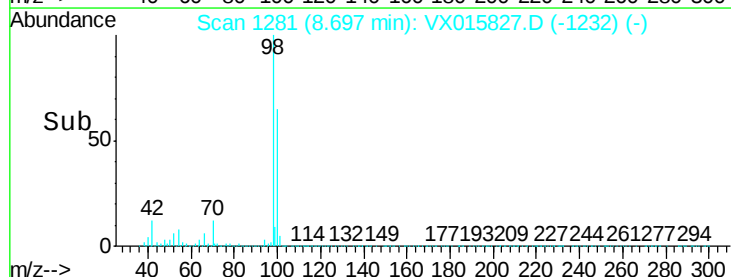
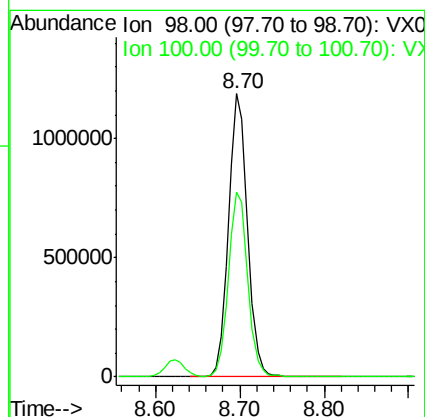
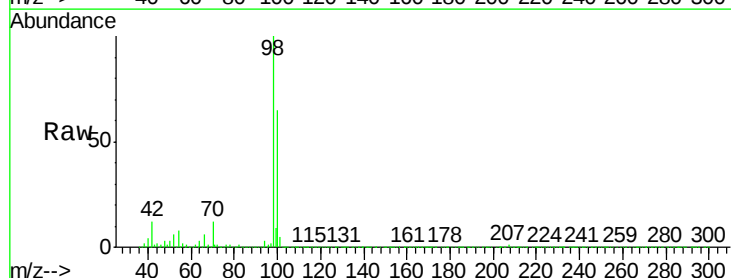
Acq: 22 Apr 2020 04:44

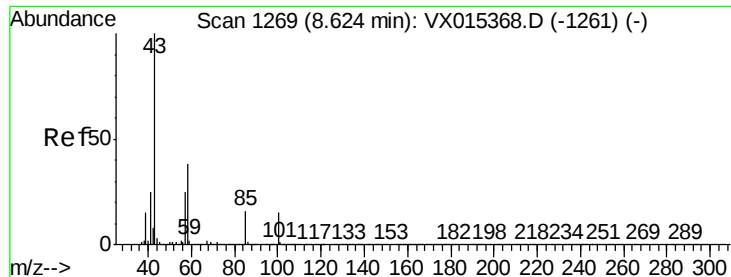
Tgt Ion: 98 Resp: 1841099

Ion Ratio Lower Upper

98 100

100 66.3 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 51.766 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015827.D

Acq: 22 Apr 2020 04:44

Instrument :

MSVOA_X

ClientSampleId :

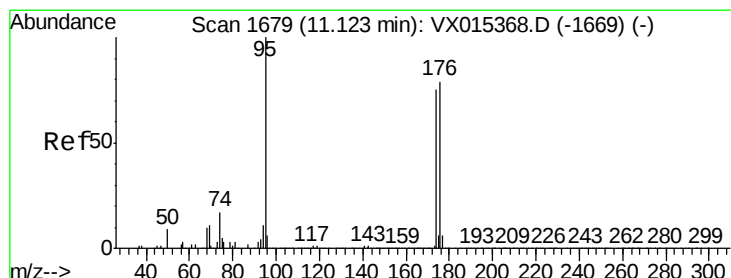
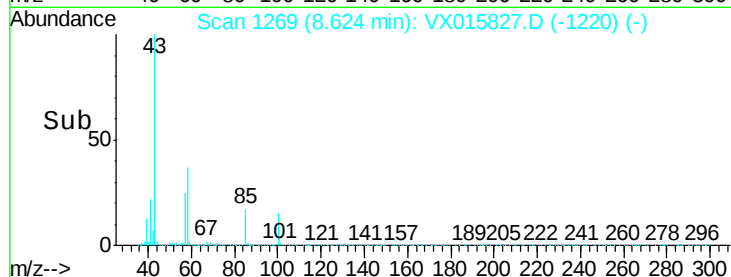
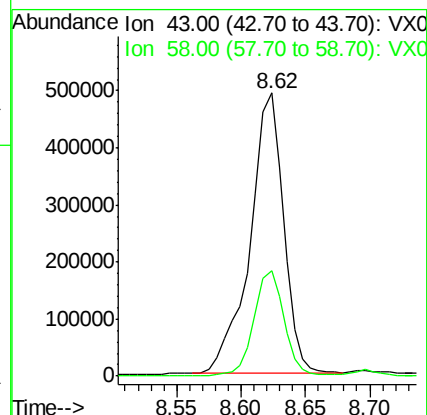
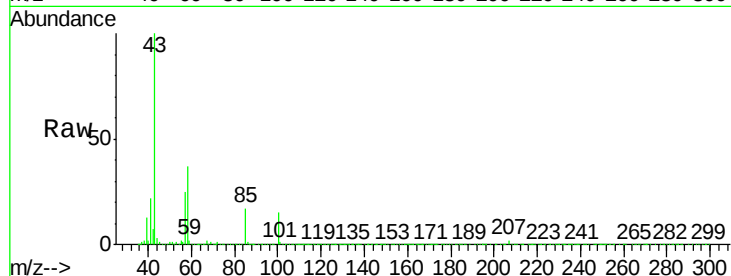
RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion: 43 Resp: 889314

Ion Ratio Lower Upper

43 100

58 33.6 29.7 44.5



#62

4-Bromofluorobenzene

Concen: 53.522 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015827.D

Acq: 22 Apr 2020 04:44

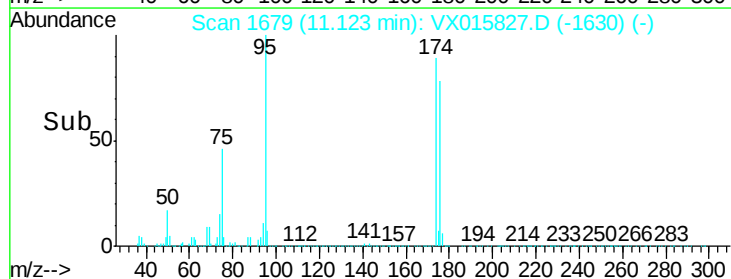
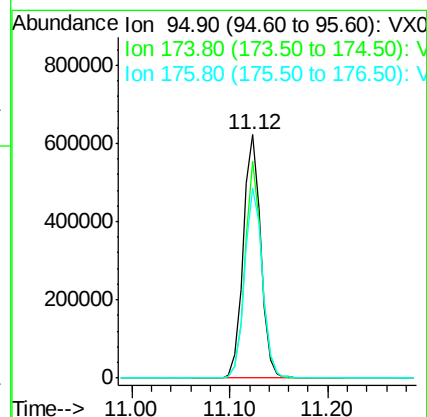
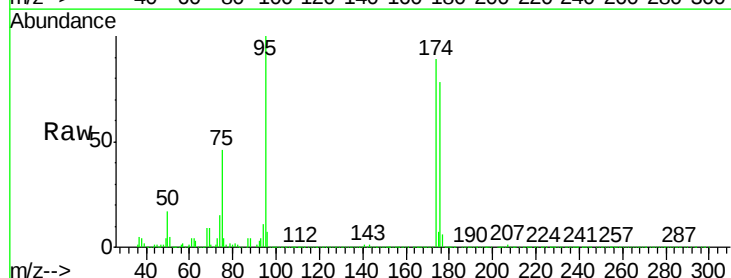
Tgt Ion: 95 Resp: 766240

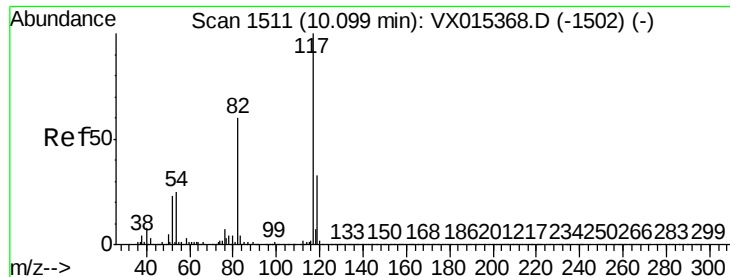
Ion Ratio Lower Upper

95 100

174 84.2 0.0 158.6

176 79.8 0.0 159.0

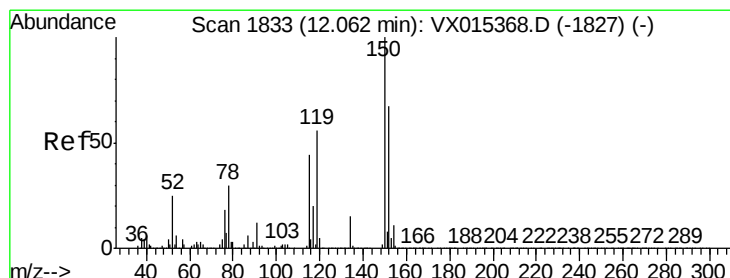
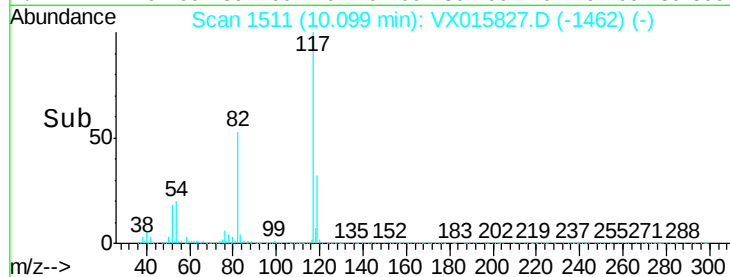
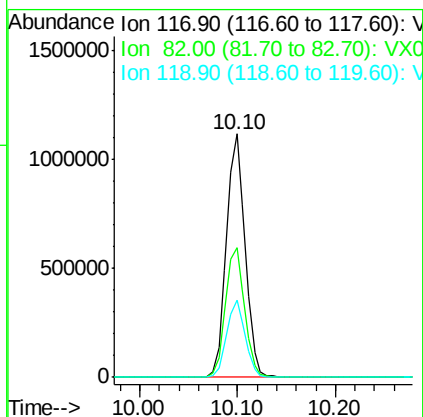
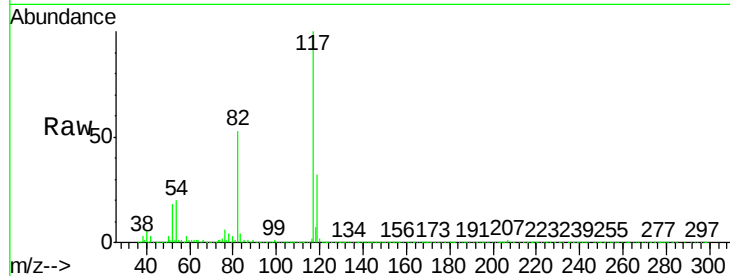




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015827.D
Acq: 22 Apr 2020 04:44

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

Tot Ion:117 Resp: 1480878
Ion Ratio Lower Upper
117 100
82 53.0 47.8 71.8
119 31.7 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015827.D
Acq: 22 Apr 2020 04:44

Tgt Ion:152 Resp: 791490
Ion Ratio Lower Upper
152 100
115 57.8 39.0 116.9
150 159.6 0.0 340.8

