

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012081.D
 Acq On : 05 Sep 2019 05:41
 Operator : SY/SP
 Sample : K4583-01
 Misc : 2.77g/5.0mL/MSVOA X/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GS-STOCKPILE

Quant Time: Sep 05 06:44:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

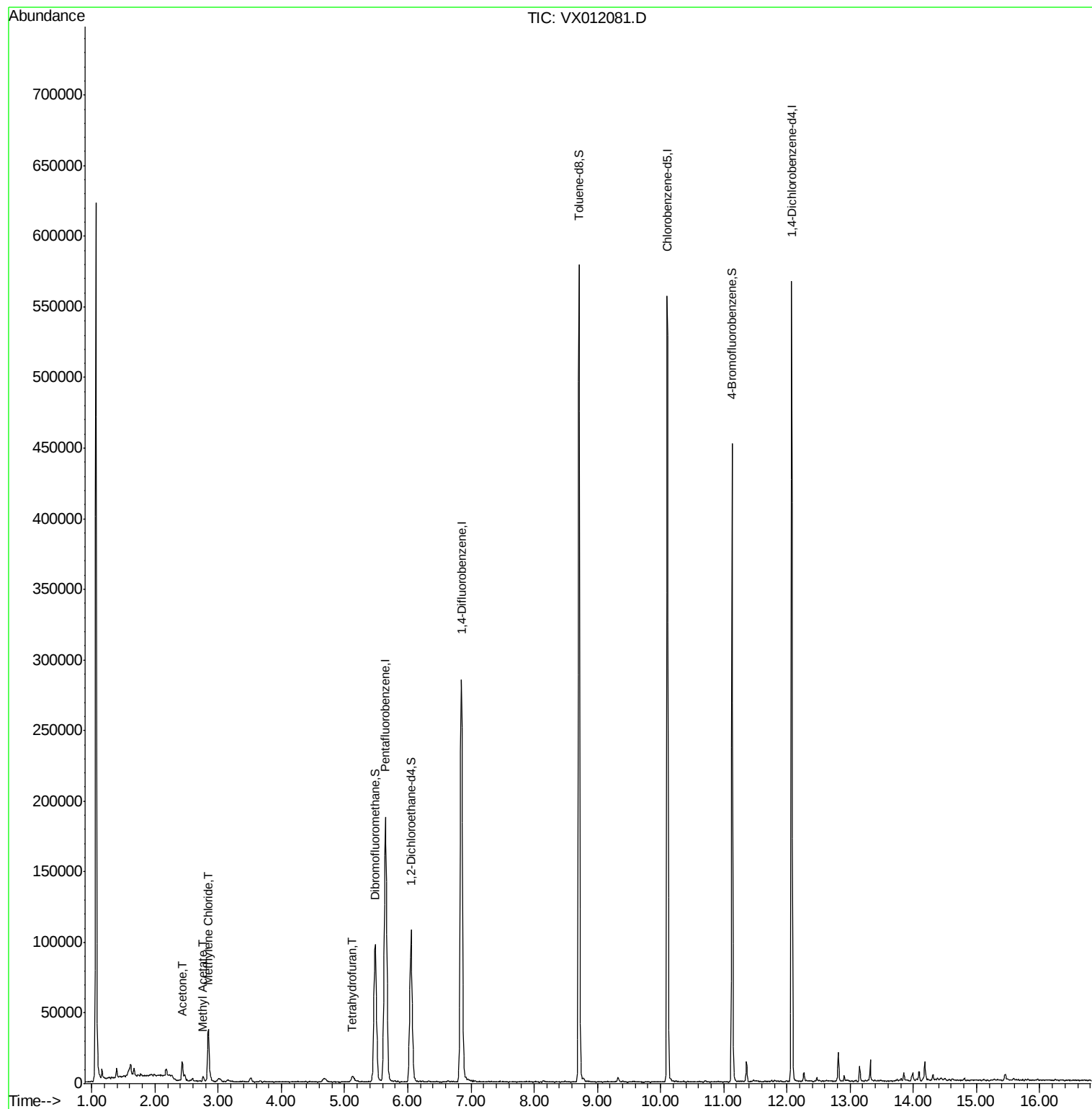
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275937	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	107168	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
35) Dibromofluoromethane	5.48	113	83448	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
50) Toluene-d8	8.71	98	325140	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	11.14	95	129472	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
Target Compounds						
16) Acetone	2.43	43	14831	28.559	ug/l	97
18) Methyl Acetate	2.76	43	3614	2.954	ug/l	94
20) Methylene Chloride	2.84	84	17426	8.356	ug/l	96
29) Tetrahydrofuran	5.12	42	3950	9.918	ug/l	95

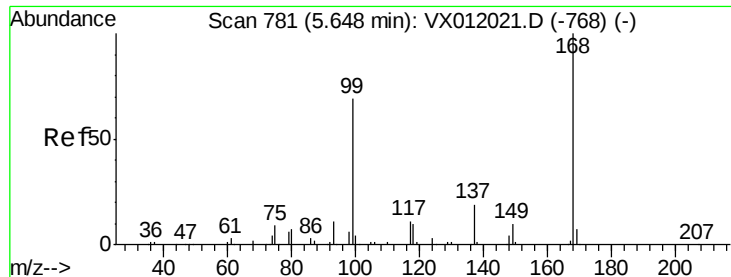
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012081.D

Acq: 05 Sep 2019 05:41

Instrument :

MSVOA_X

ClientSampleId :

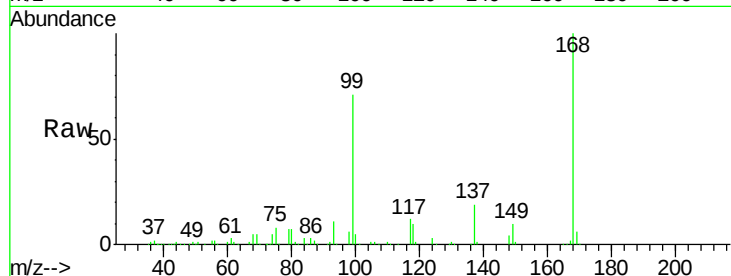
GS-STOCKPILE

Tot Ion:168 Resp: 157460

Ion Ratio Lower Upper

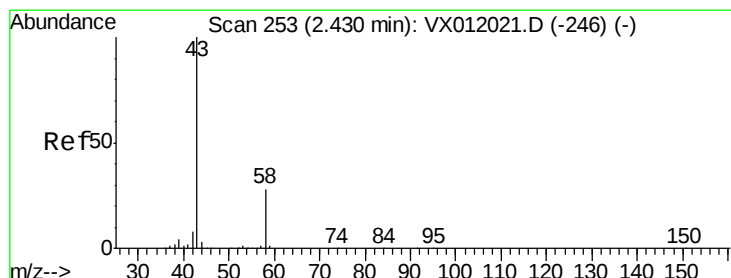
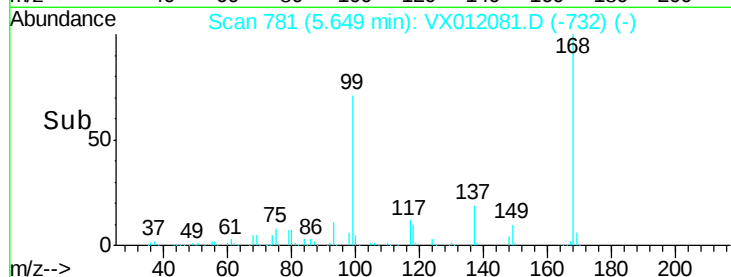
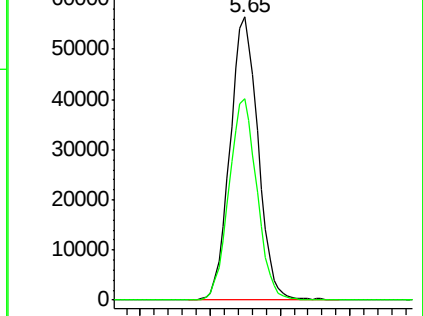
168 100

99 71.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 28.559 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012081.D

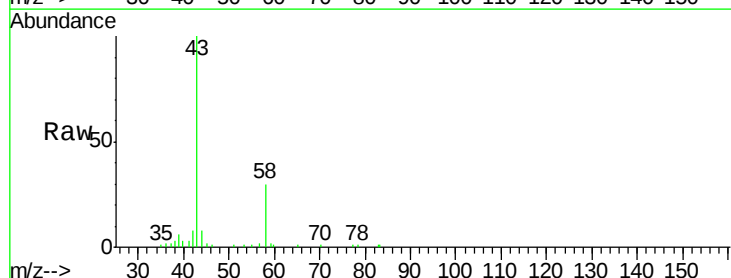
Acq: 05 Sep 2019 05:41

Tgt Ion: 43 Resp: 14831

Ion Ratio Lower Upper

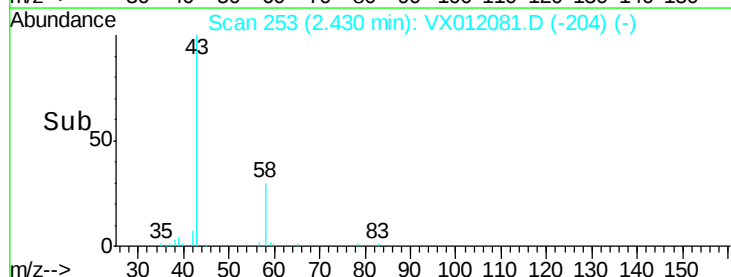
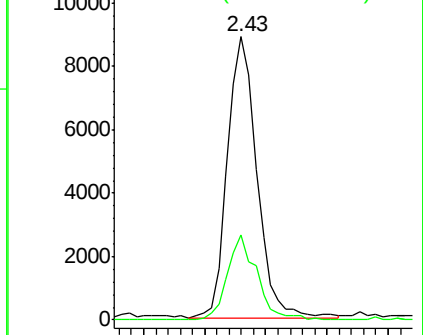
43 100

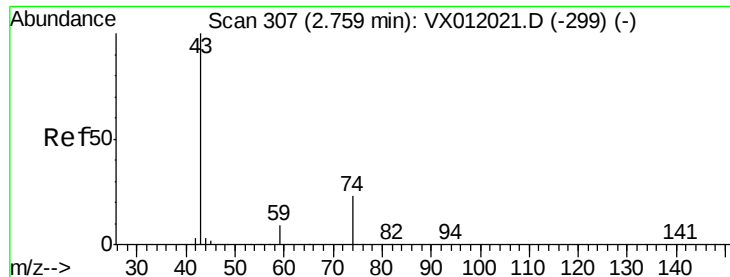
58 30.1 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

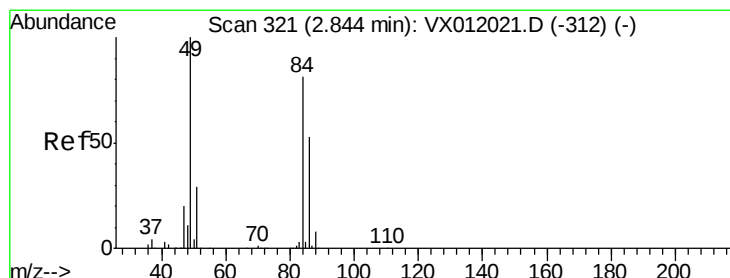
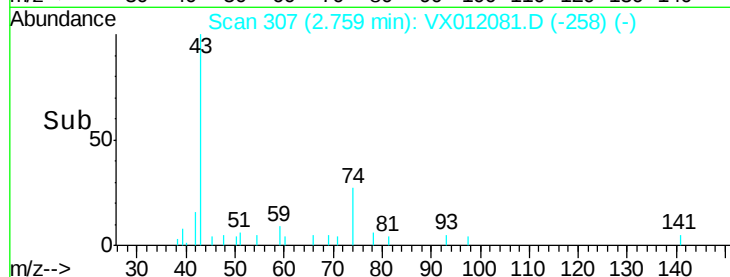
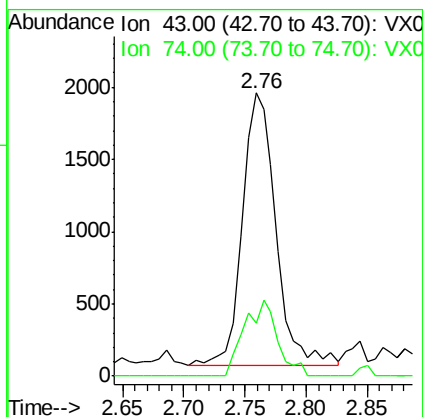
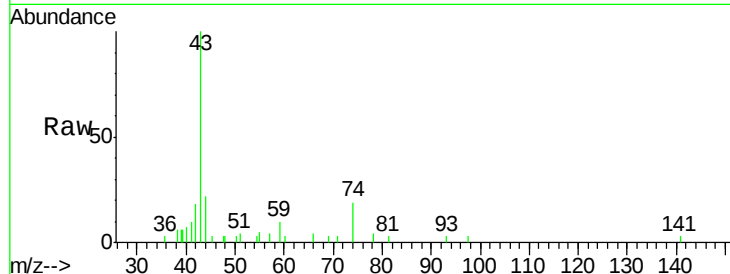




#18
Methvl Acetate
Concen: 2.954 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012081.D
Acq: 05 Sep 2019 05:41

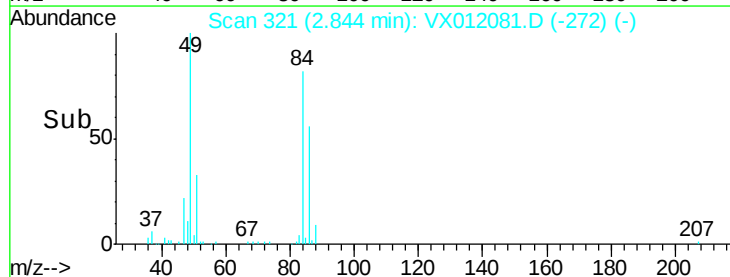
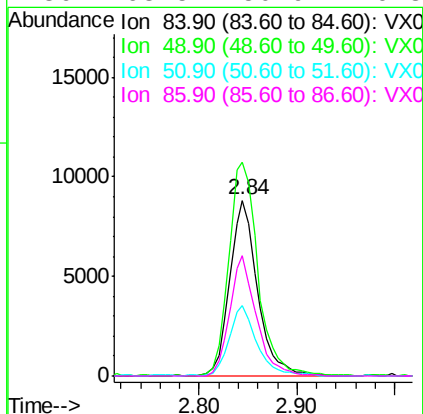
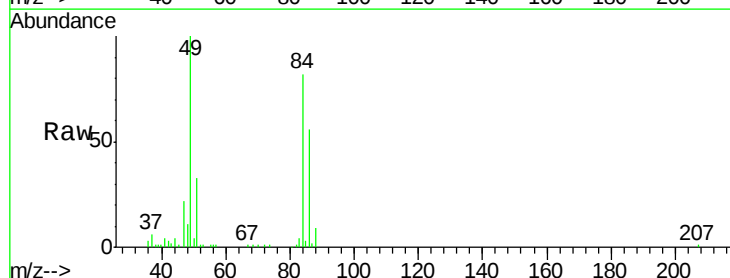
Instrument :
MSVOA_X
ClientSampleId :
GS-STOCKPILE

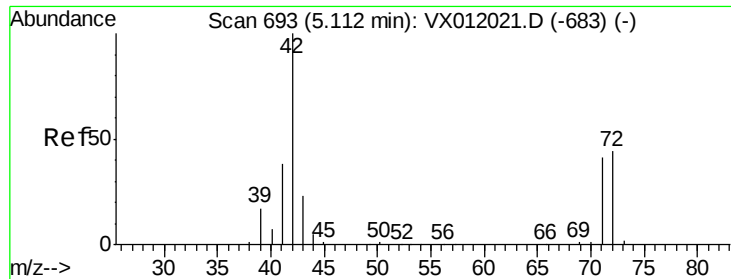
Tot Ion: 43 Resp: 3614
Ion Ratio Lower Upper
43 100
74 27.6 19.5 29.3



#20
Methylene Chloride
Concen: 8.356 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012081.D
Acq: 05 Sep 2019 05:41

Tgt Ion: 84 Resp: 17426
Ion Ratio Lower Upper
84 100
49 121.6 95.8 143.8
51 40.0 28.6 43.0
86 68.5 50.9 76.3

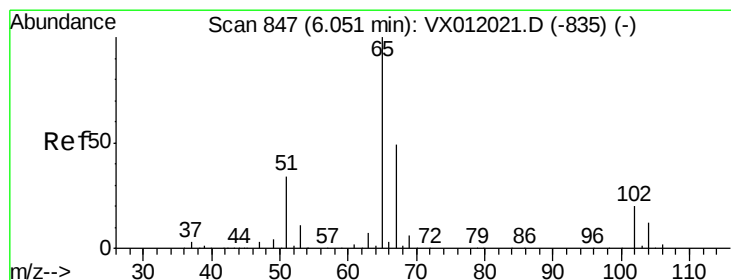
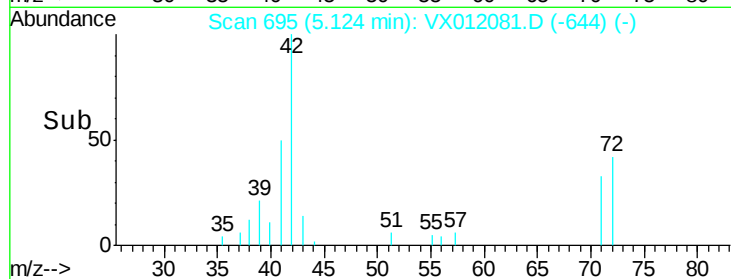
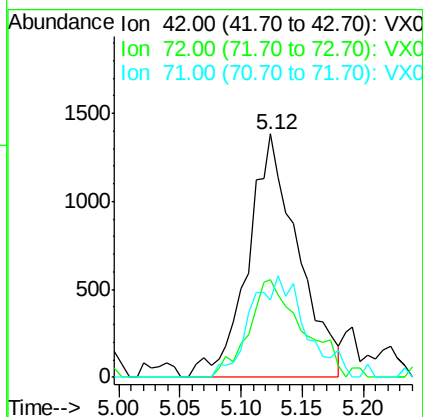
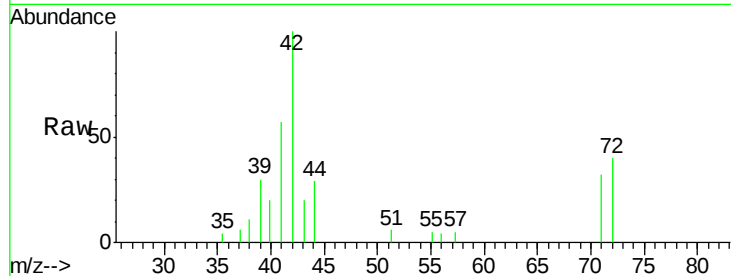




#29
Tetrahydrofuran
Concen: 9.918 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012081.D
Acq: 05 Sep 2019 05:41

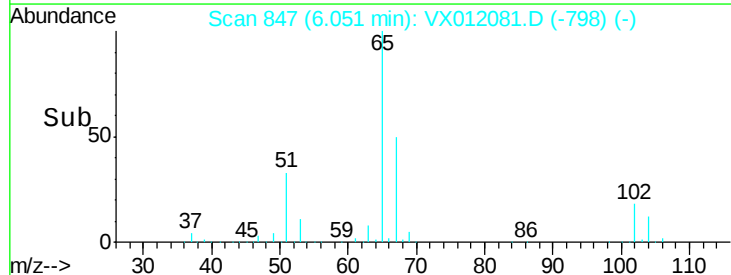
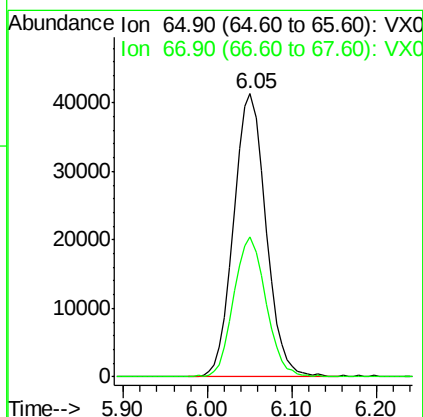
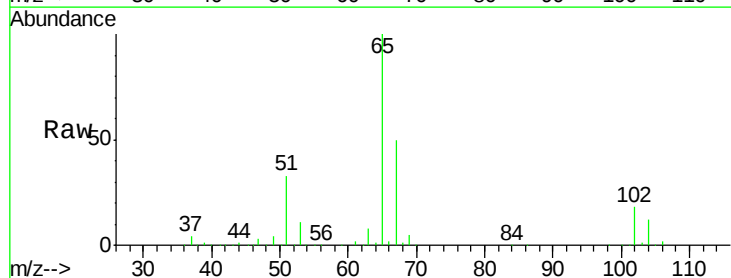
Instrument :
MSVOA_X
ClientSampleId :
GS-STOCKPILE

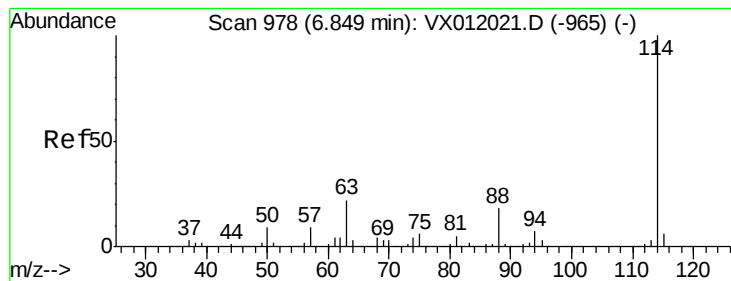
Tot Ion: 42 Resp: 3950
Ion Ratio Lower Upper
42 100
72 42.8 37.0 55.4
71 45.3 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 49.326 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012081.D
Acq: 05 Sep 2019 05:41

Tgt Ion: 65 Resp: 107168
Ion Ratio Lower Upper
65 100
67 49.7 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012081.D

Acq: 05 Sep 2019 05:41

Instrument :

MSVOA_X

ClientSampleId :

GS-STOCKPILE

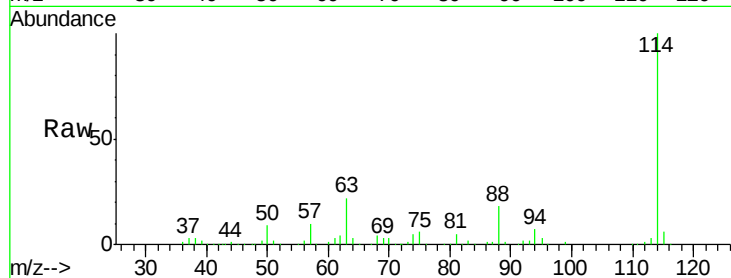
Tot Ion:114 Resp: 275937

Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.4

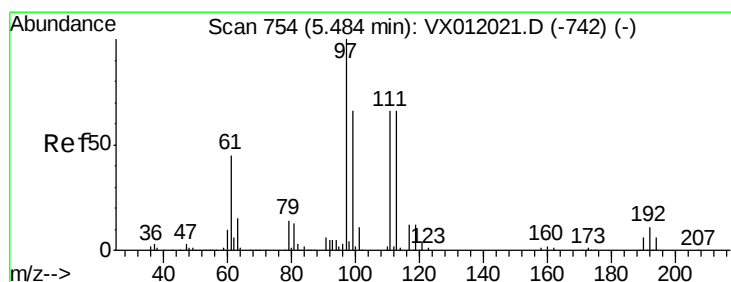
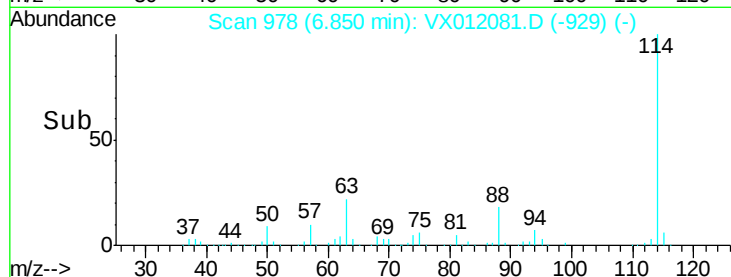
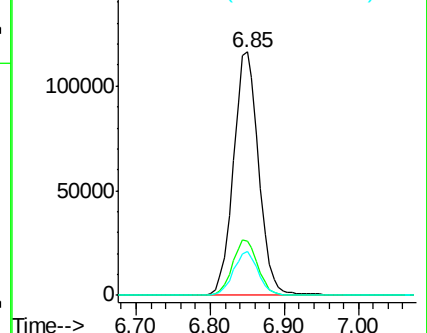
88 17.8 0.0 29.6



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



#35

Dibromofluoromethane

Concen: 49.176 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012081.D

Acq: 05 Sep 2019 05:41

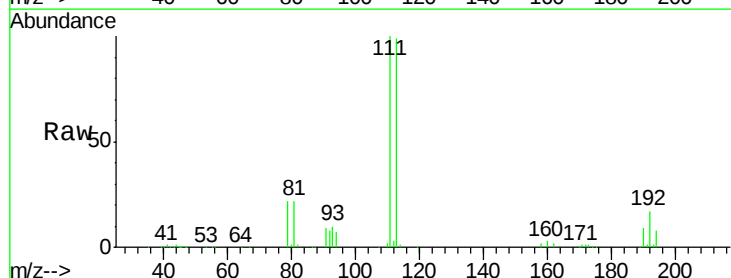
Tgt Ion:113 Resp: 83448

Ion Ratio Lower Upper

113 100

111 101.2 81.7 122.5

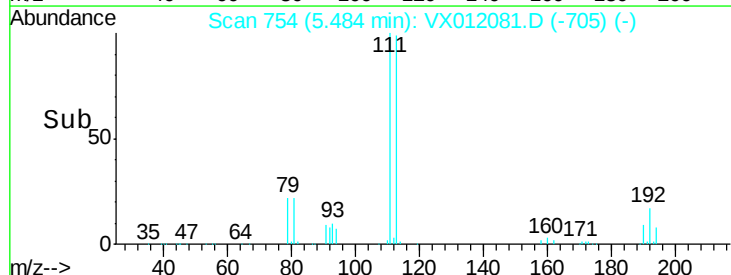
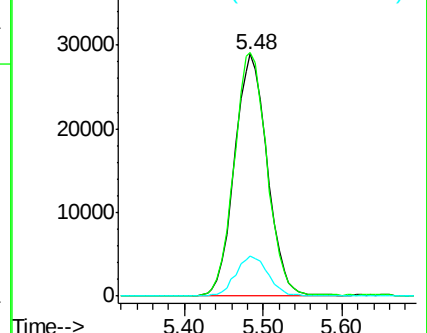
192 16.5 22.5 33.7#

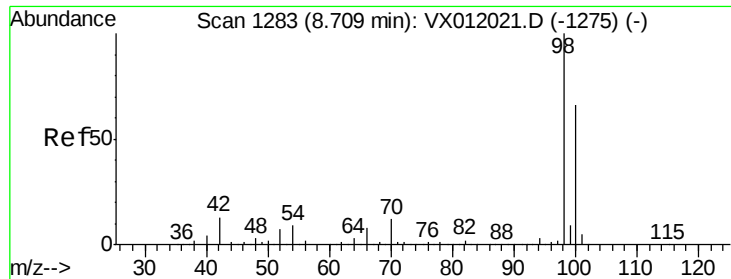


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

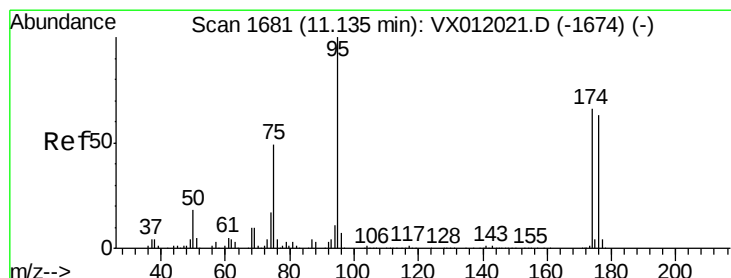
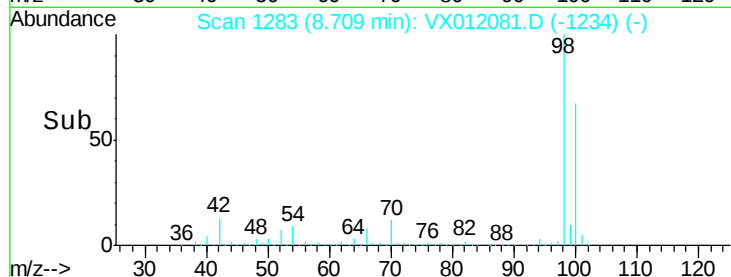
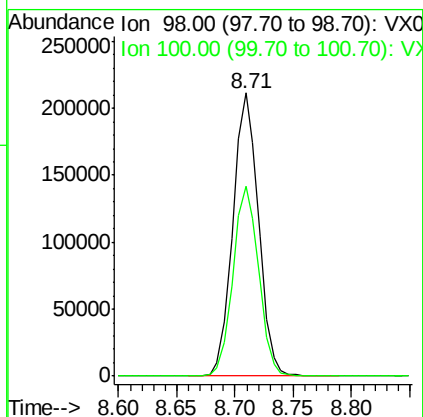
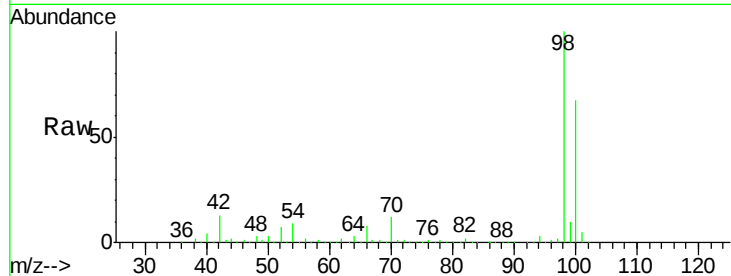




#50
Toluene-d8
Concen: 52.215 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012081.D
Acq: 05 Sep 2019 05:41

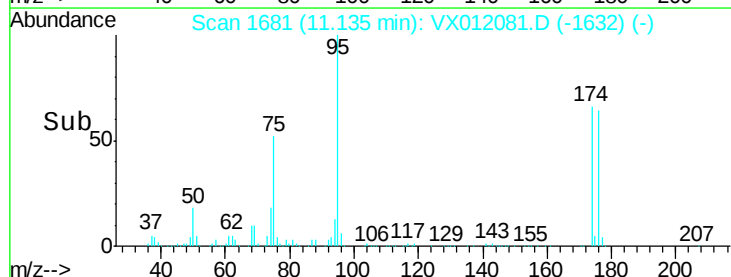
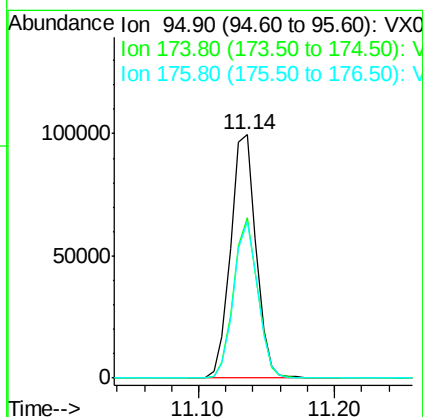
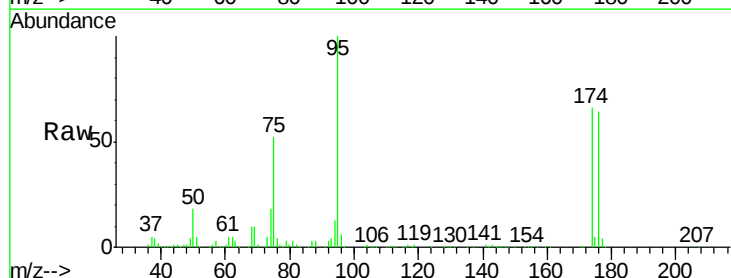
Instrument :
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GS-STOCKPILE

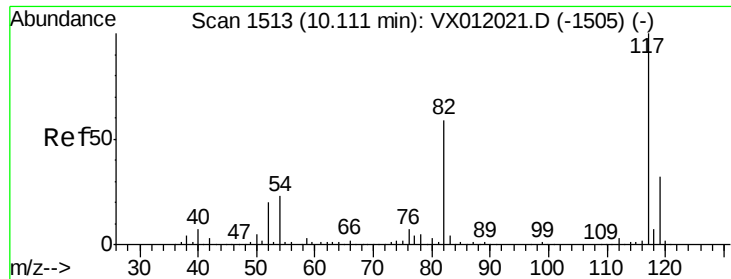
Tot Ion: 98 Resp: 325140
Ion Ratio Lower Upper
98 100
100 67.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.709 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012081.D
Acq: 05 Sep 2019 05:41

Tgt Ion: 95 Resp: 129472
Ion Ratio Lower Upper
95 100
174 62.8 0.0 205.4
176 61.5 0.0 201.8

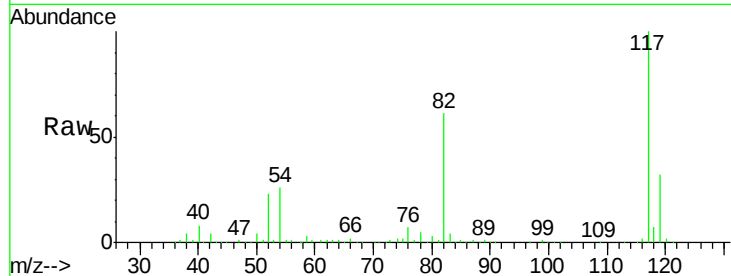




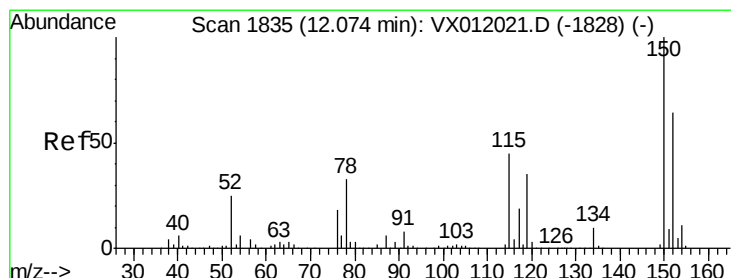
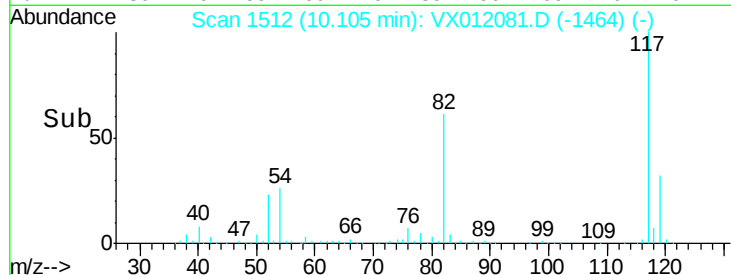
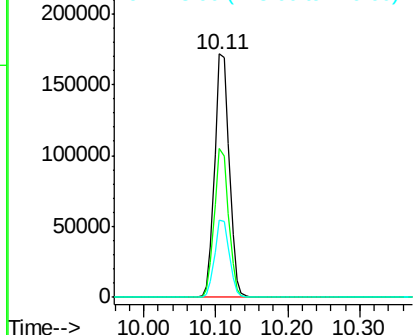
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012081.D
Acq: 05 Sep 2019 05:41

Instrument :
MSVOA_X
ClientSampleId :
GS-STOCKPILE

Tot Ion:117 Resp: 240972
Ion Ratio Lower Upper
117 100
82 61.1 39.4 59.0#
119 31.9 26.1 39.1

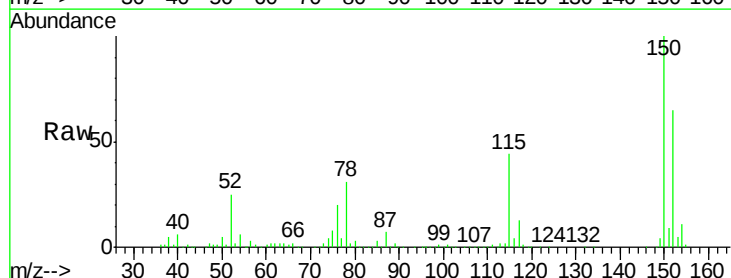


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012081.D
Acq: 05 Sep 2019 05:41

Tgt Ion:152 Resp: 103662
Ion Ratio Lower Upper
152 100
115 66.5 36.4 109.3
150 152.9 0.0 341.2



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

