

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022620\
 Data File : VX015010.D
 Acq On : 26 Feb 2020 11:13
 Operator : JC/SP
 Sample : L1683-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225

Quant Time: Feb 26 13:16:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

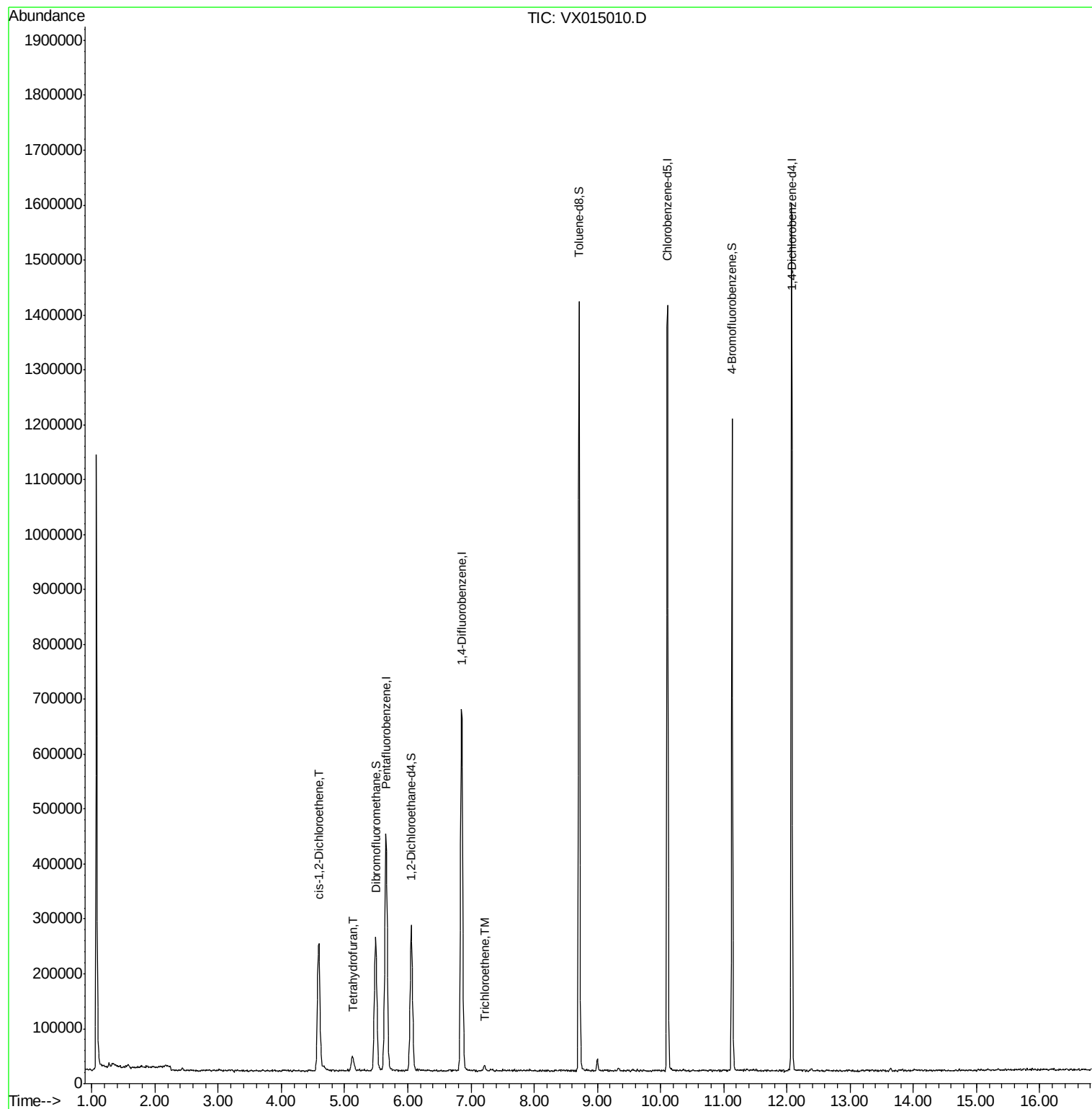
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	442765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	694455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	665697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	339336	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	248518	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
35) Dibromofluoromethane	5.49	113	212765	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	8.71	98	830813	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.14	95	309293	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	154417	30.848	ug/l	90
29) Tetrahydrofuran	5.13	42	25122	12.990	ug/l	97
44) Trichloroethene	7.21	130	4815	0.894	ug/l	98

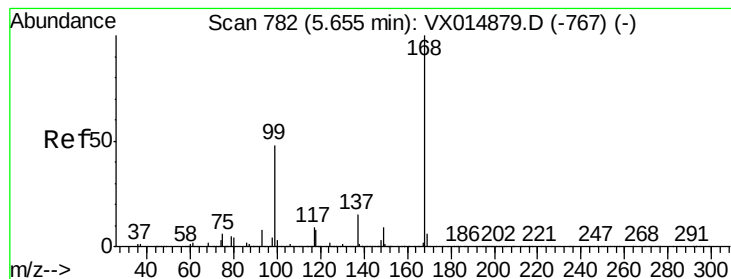
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015010.D

Acq: 26 Feb 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

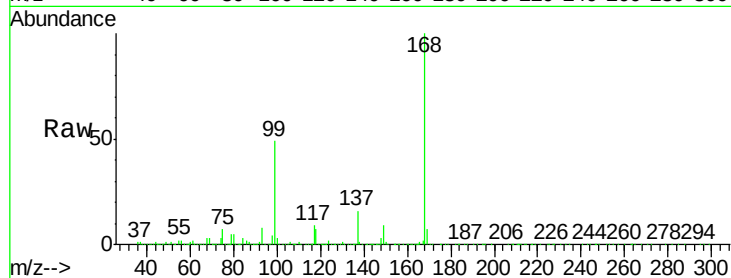
GR-OF-20200225

Tot Ion:168 Resp: 442765

Ion Ratio Lower Upper

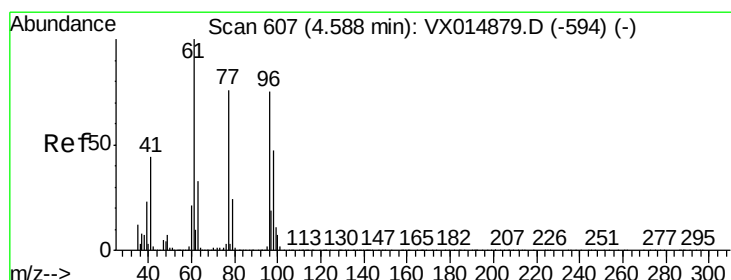
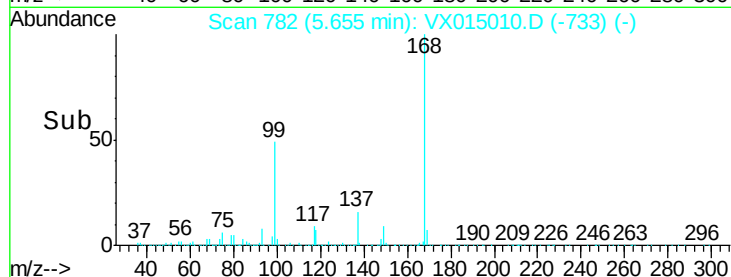
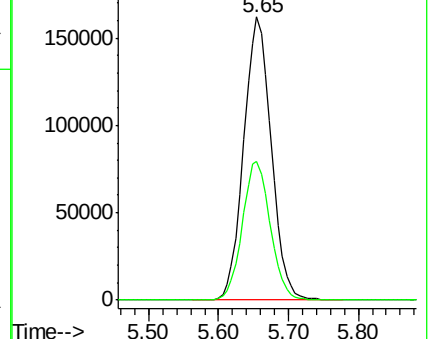
168 100

99 48.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 30.848 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015010.D

Acq: 26 Feb 2020 11:13

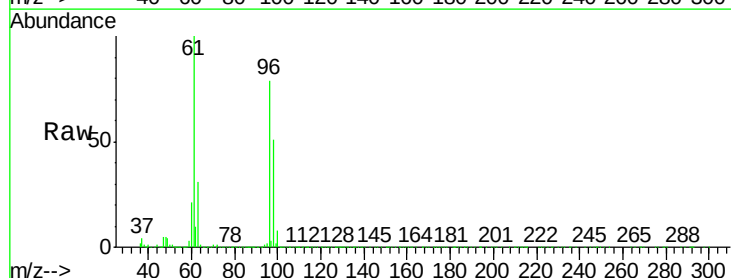
Tgt Ion: 96 Resp: 154417

Ion Ratio Lower Upper

96 100

61 125.4 0.0 286.2

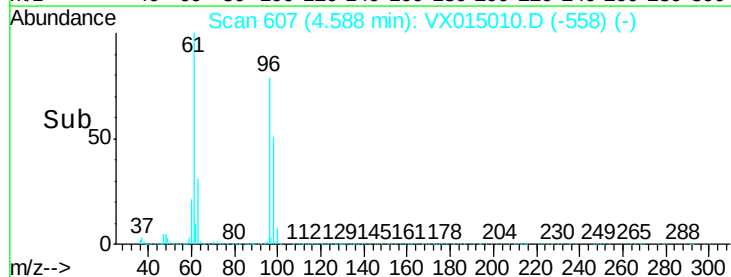
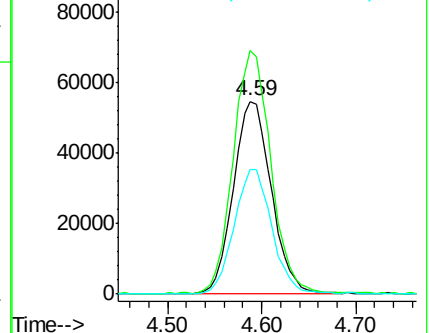
98 64.0 0.0 131.0

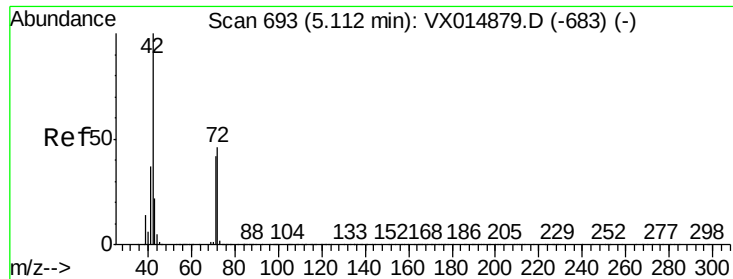


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

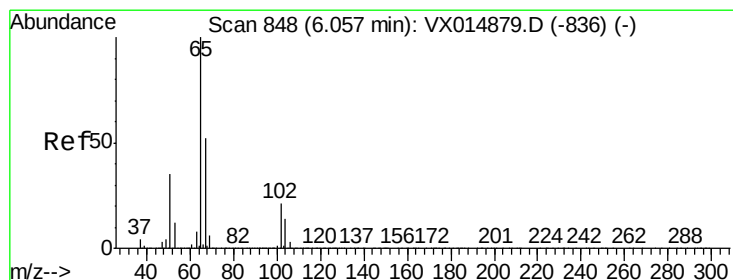
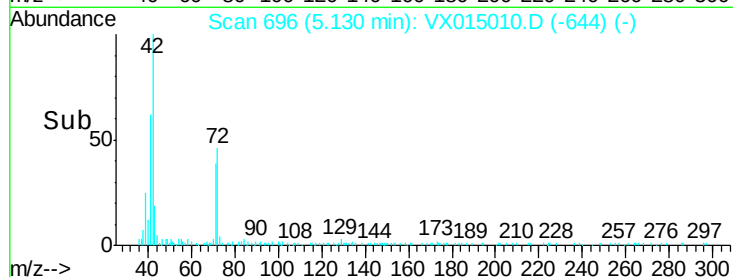
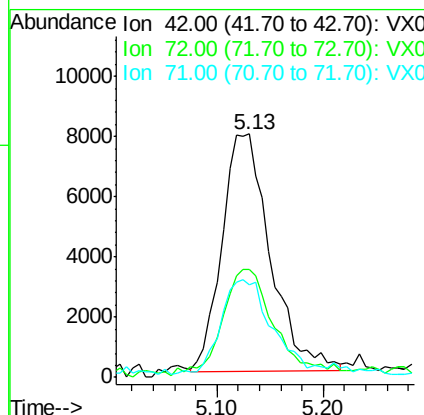
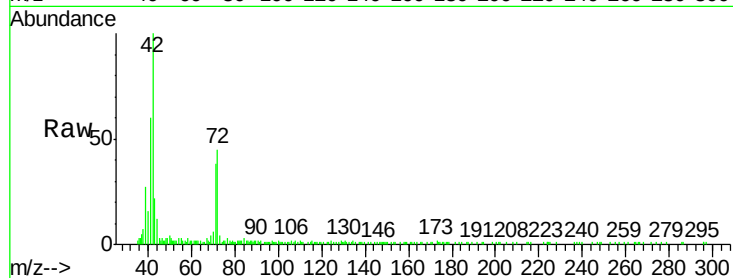




#29
Tetrahydrofuran
Concen: 12.990 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX015010.D
Acq: 26 Feb 2020 11:13

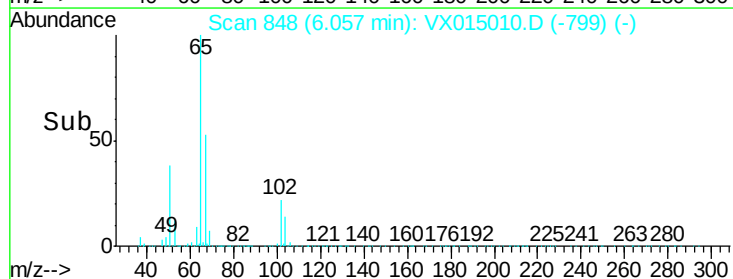
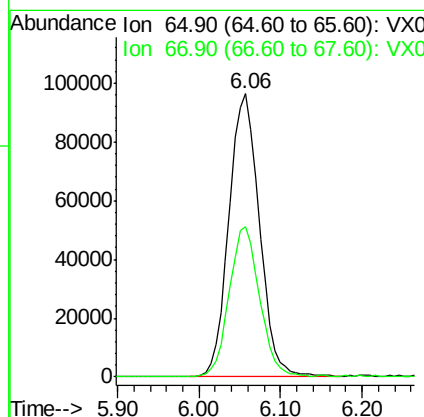
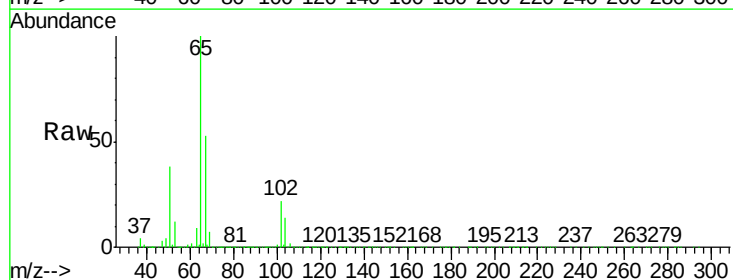
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225

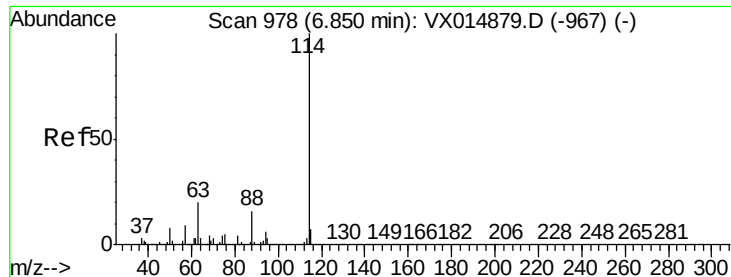
Tot Ion: 42 Resp: 25122
Ion Ratio Lower Upper
42 100
72 49.4 36.9 55.3
71 41.4 34.1 51.1



#33
1,2-Dichloroethane-d4
Concen: 49.734 ug/l
RT: 6.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: VX015010.D
Acq: 26 Feb 2020 11:13

Tgt Ion: 65 Resp: 248518
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015010.D

Acq: 26 Feb 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225

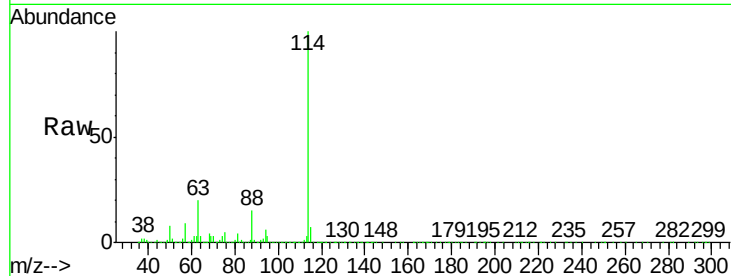
Tot Ion:114 Resp: 694455

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

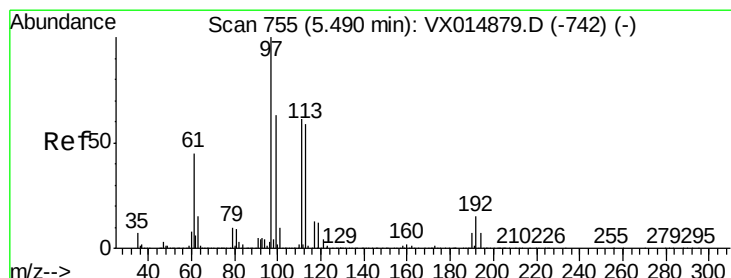
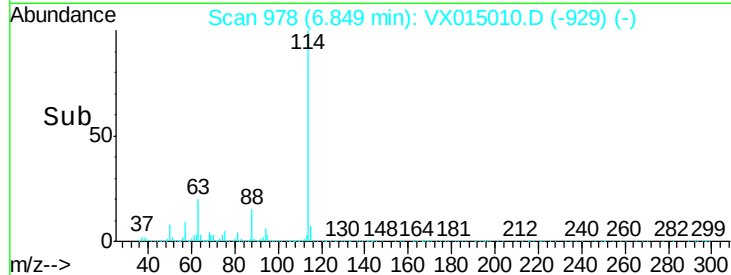
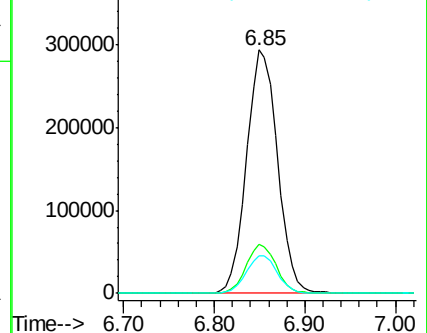
88 15.2 0.0 32.0



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: 49.836 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015010.D

Acq: 26 Feb 2020 11:13

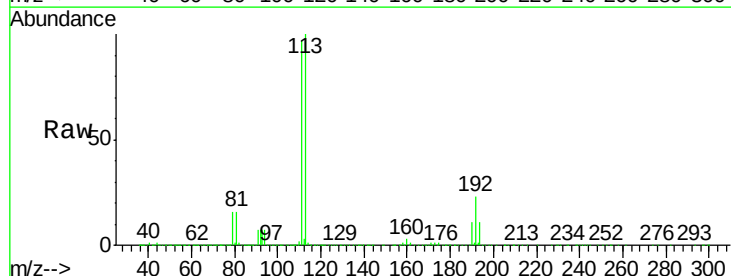
Tgt Ion:113 Resp: 212765

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

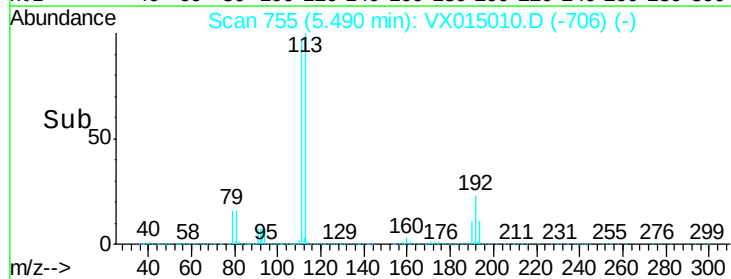
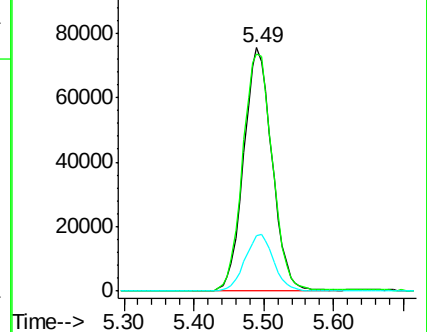
192 23.8 19.1 28.7

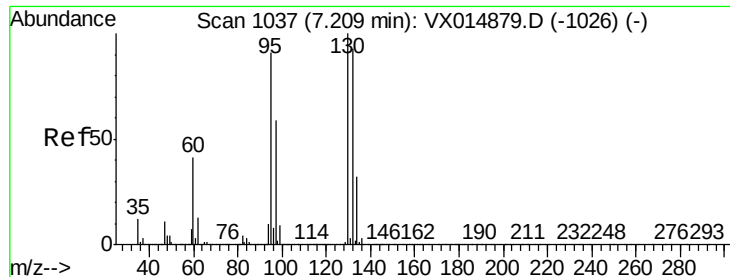


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.894 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015010.D

Acq: 26 Feb 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

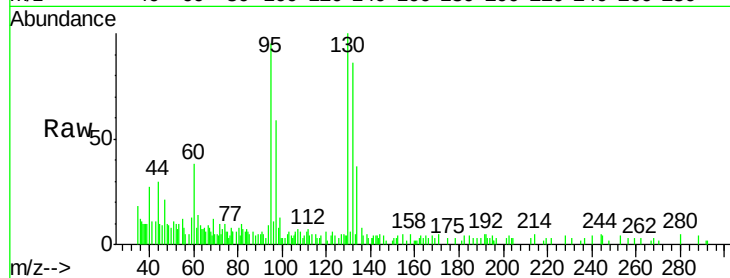
GR-OF-20200225

Tot Ion:130 Resp: 4815

Ion Ratio Lower Upper

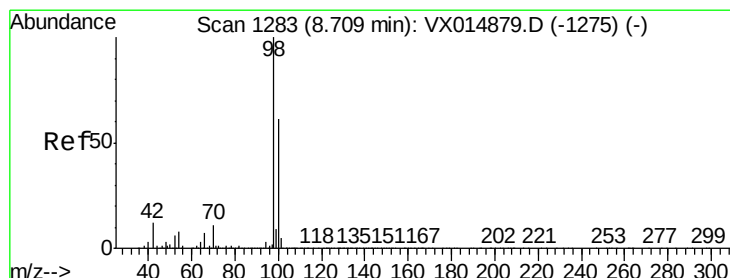
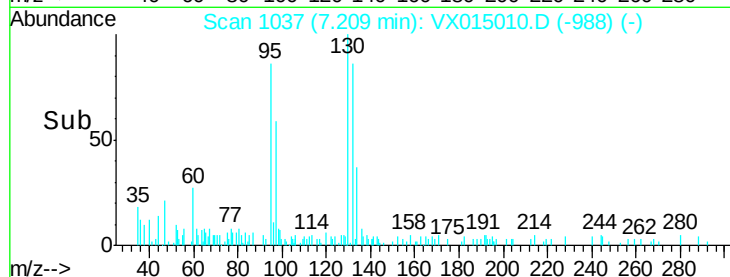
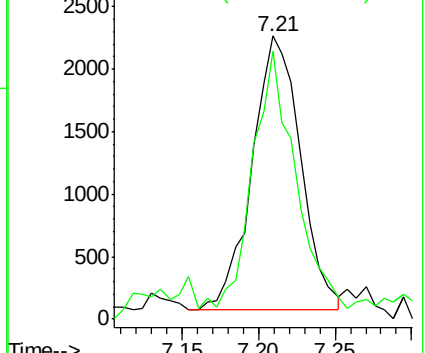
130 100

95 89.5 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.981 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015010.D

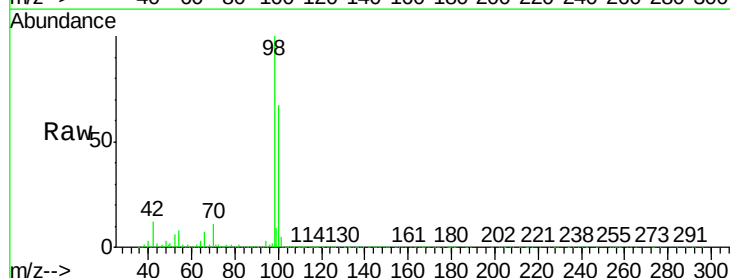
Acq: 26 Feb 2020 11:13

Tgt Ion: 98 Resp: 830813

Ion Ratio Lower Upper

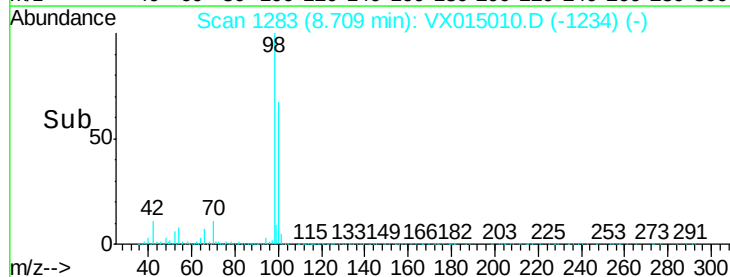
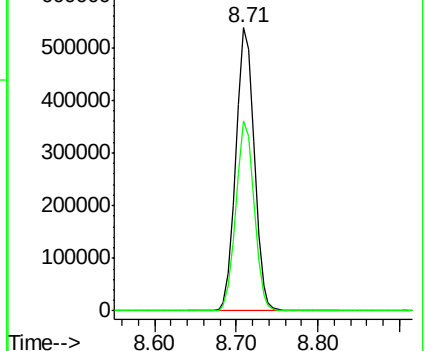
98 100

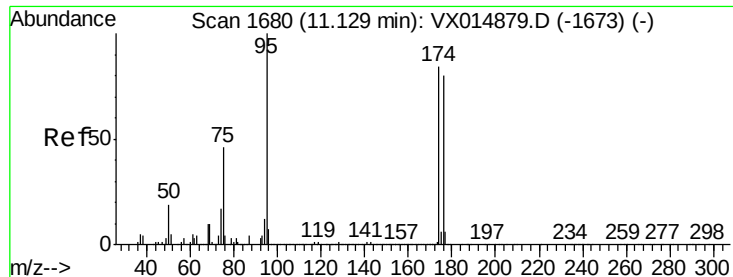
100 66.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

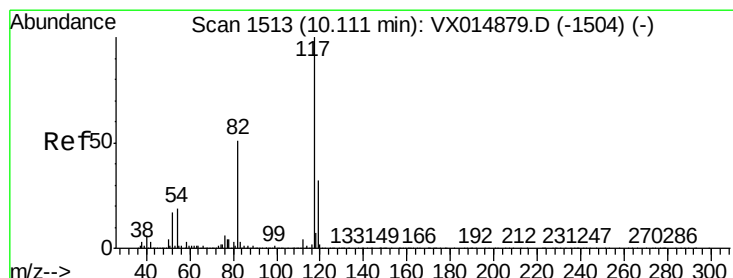
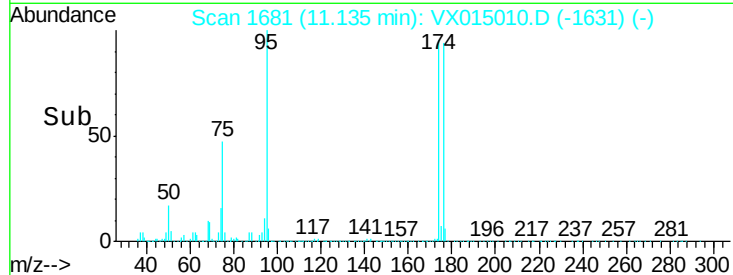
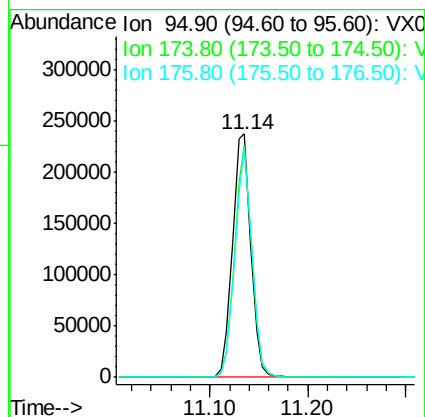
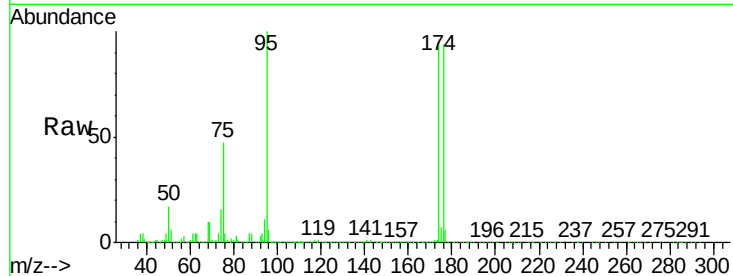




#62
4-Bromofluorobenzene
Concen: 52.686 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015010.D
Acq: 26 Feb 2020 11:13

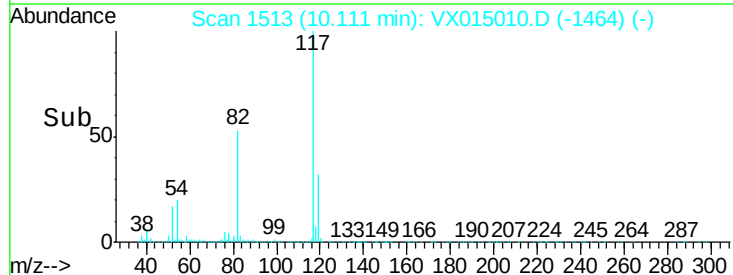
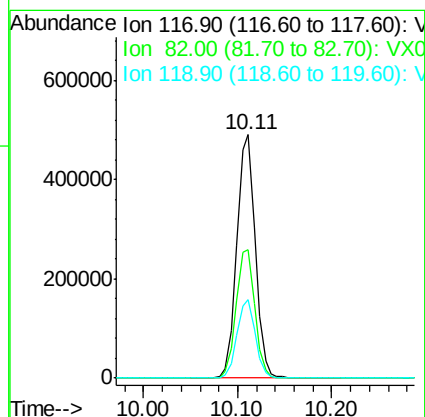
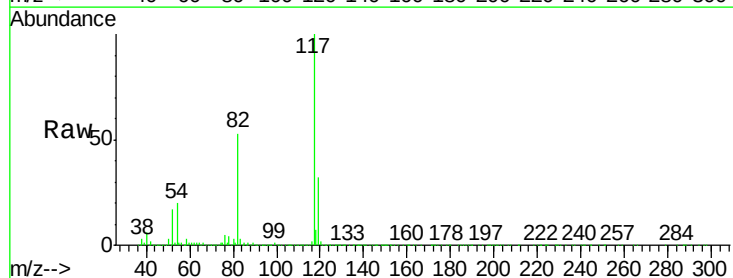
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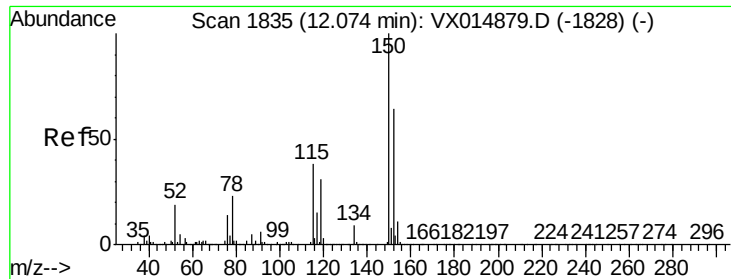
Tot Ion: 95 Resp: 309293
Ion Ratio Lower Upper
95 100
174 89.6 0.0 183.0
176 87.7 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015010.D
Acq: 26 Feb 2020 11:13

Tgt Ion: 117 Resp: 665697
Ion Ratio Lower Upper
117 100
82 52.8 40.5 60.7
119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015010.D

Acq: 26 Feb 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225

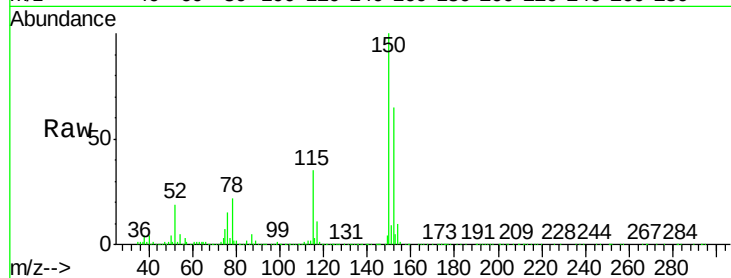
Tot Ion:152 Resp: 339336

Ion Ratio Lower Upper

152 100

115 53.9 38.6 116.0

150 155.8 0.0 349.0



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

