

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014090.D
 Acq On : 18 Dec 2019 12:41
 Operator : JC/SP
 Sample : K6252-08DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20191210DL

Quant Time: Dec 18 16:48:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

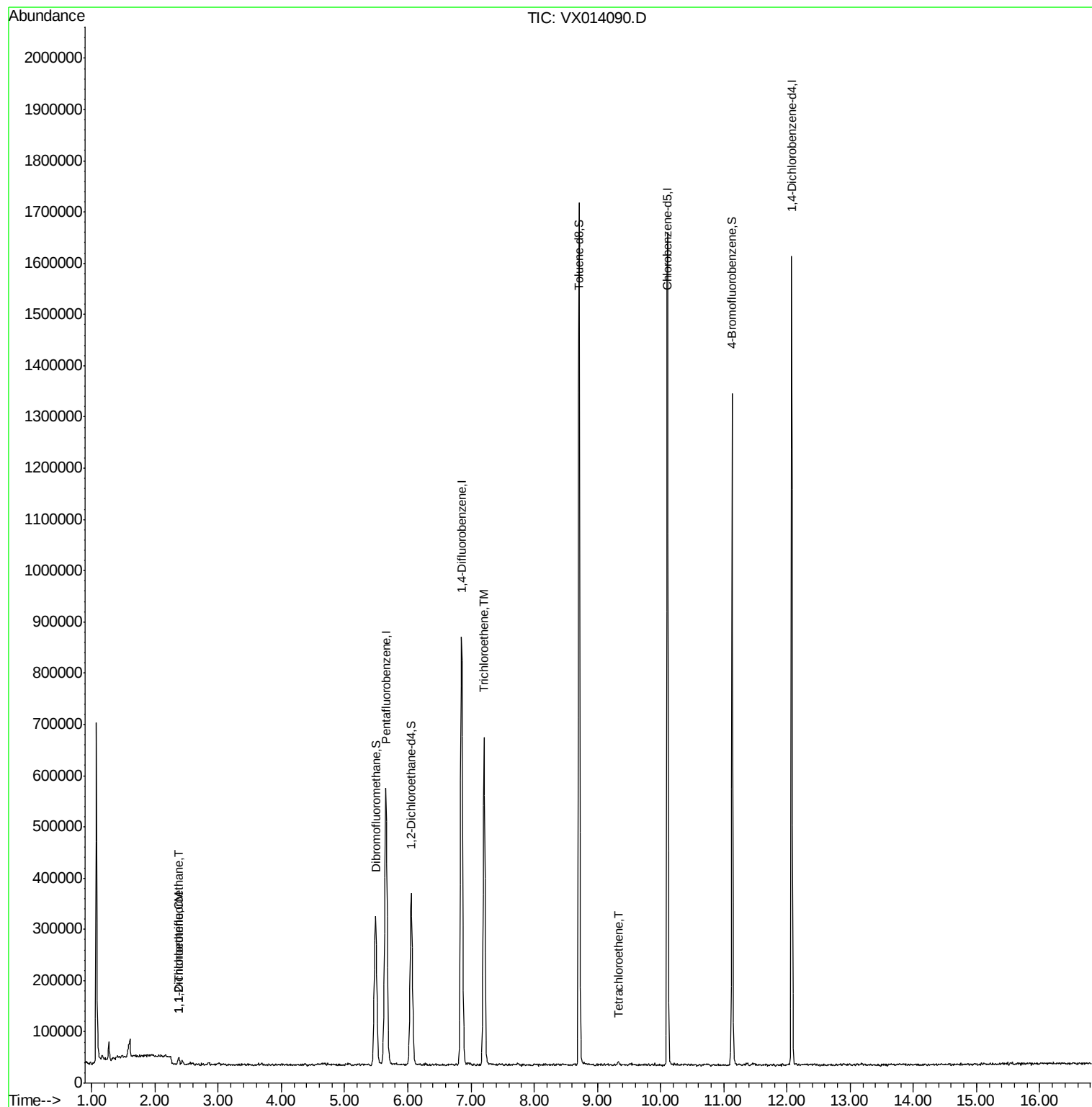
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	559557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	854276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	752233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	323125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	310916	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
35) Dibromofluoromethane	5.48	113	258622	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	8.71	98	1006237	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.13	95	333608	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.38	101	4506	0.852	ug/l #	84
12) 1,1-Dichloroethene	2.37	96	2884	0.536	ug/l #	86
44) Trichloroethene	7.21	130	255905	38.415	ug/l	99
64) Tetrachloroethene	9.33	164	1893	0.284	ug/l #	77

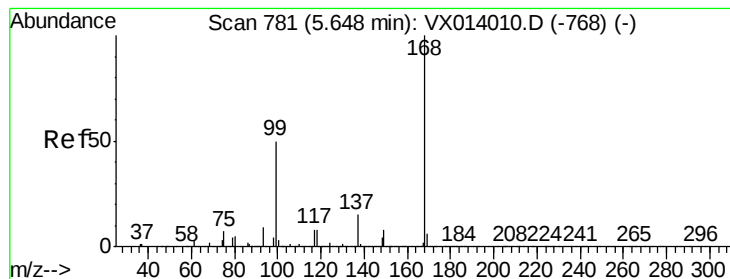
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014090.D

Acq: 18 Dec 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

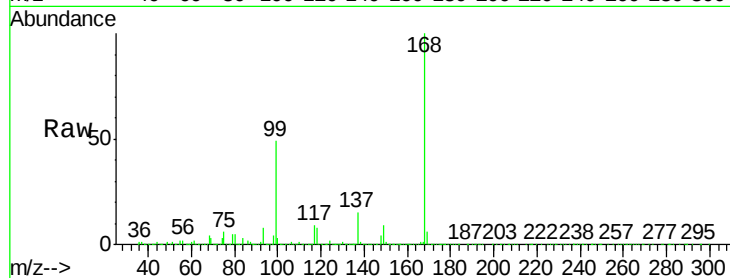
RE120D1-20191210DL

Tot Ion:168 Resp: 559557

Ion Ratio Lower Upper

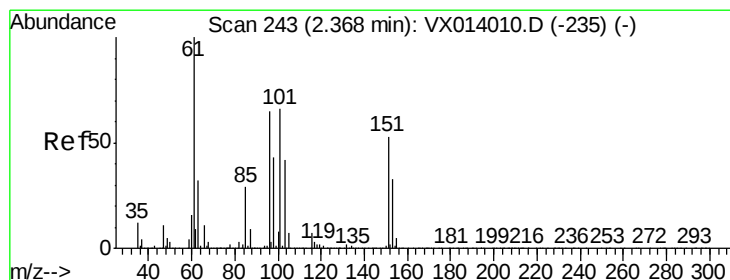
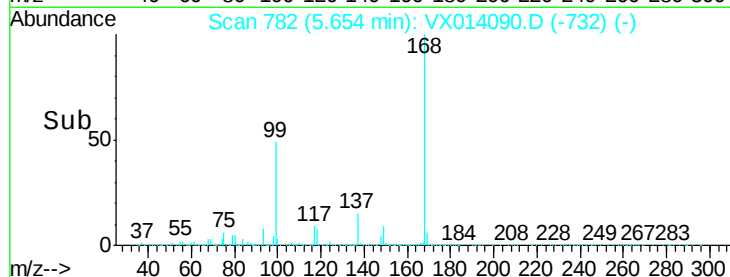
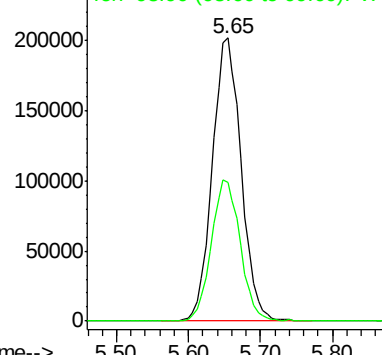
168 100

99 48.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.852 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014090.D

Acq: 18 Dec 2019 12:41

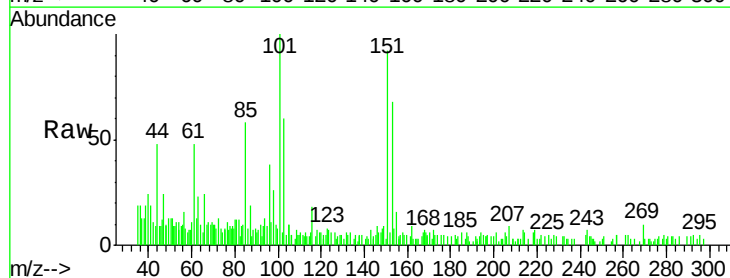
Tgt Ion:101 Resp: 4506

Ion Ratio Lower Upper

101 100

85 52.6 33.7 50.5#

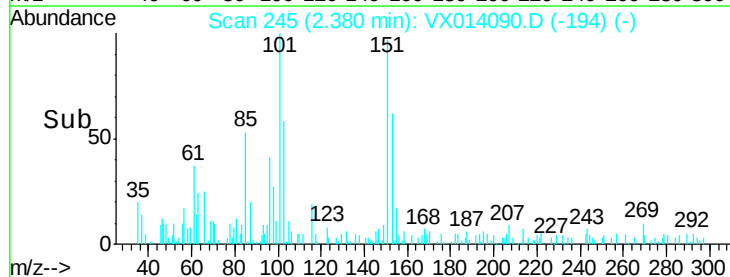
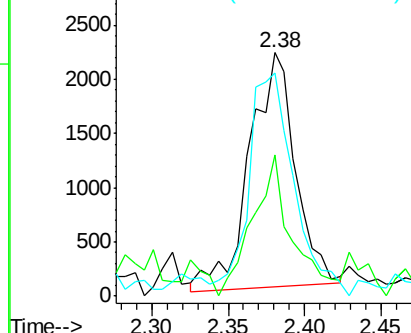
151 94.7 64.5 96.7

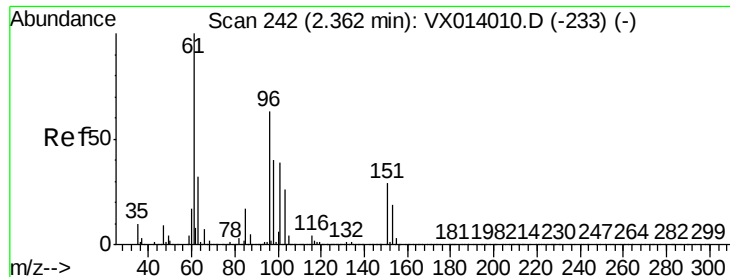


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 0.536 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014090.D

Acq: 18 Dec 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20191210DL

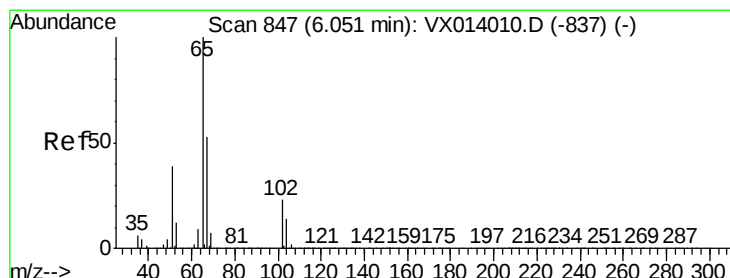
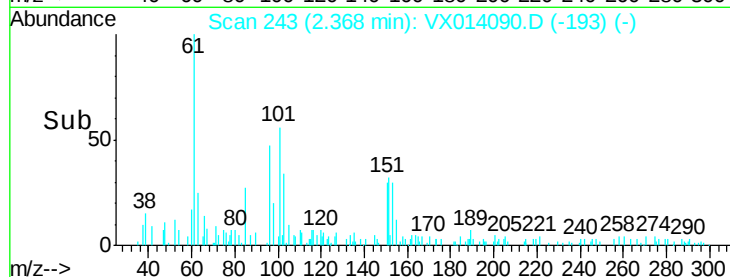
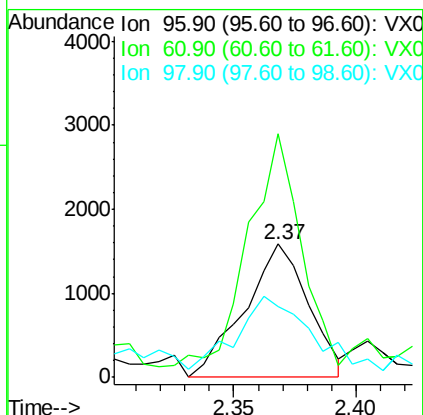
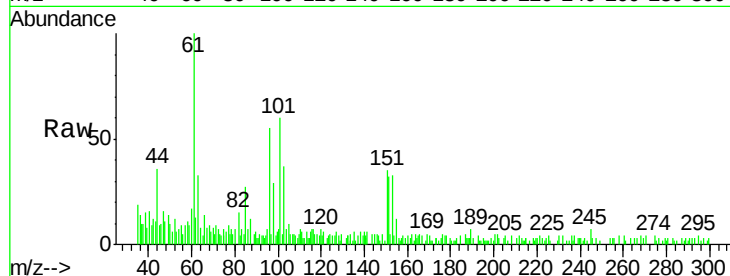
Tot Ion: 96 Resp: 2884

Ion Ratio Lower Upper

96 100

61 174.0 127.9 191.9

98 46.6 50.5 75.7#



#33

1,2-Dichloroethane-d4

Concen: 49.026 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014090.D

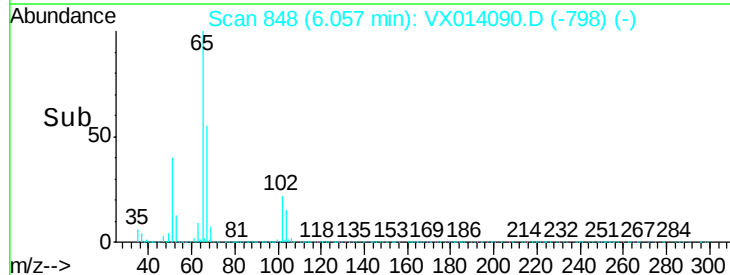
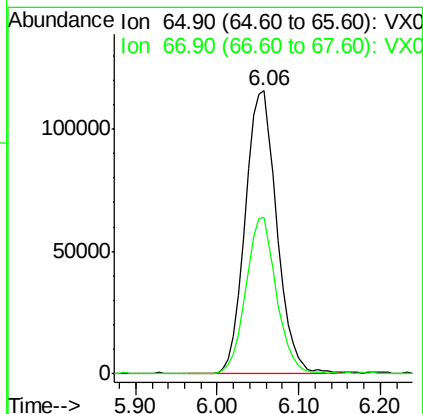
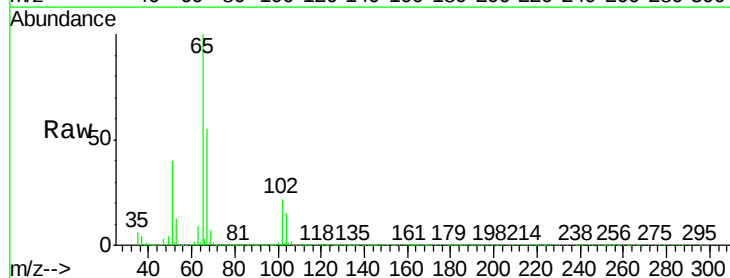
Acq: 18 Dec 2019 12:41

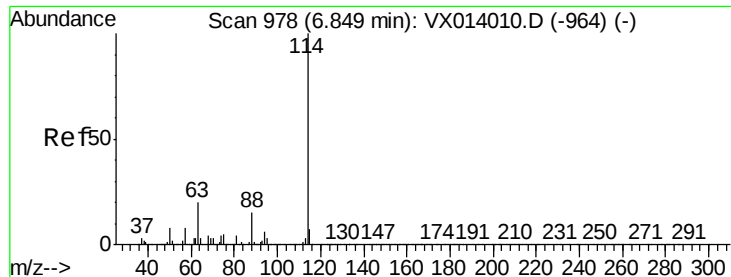
Tgt Ion: 65 Resp: 310916

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014090.D

Acq: 18 Dec 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20191210DL

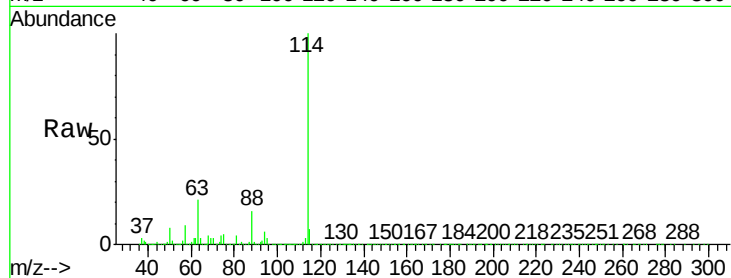
Tot Ion:114 Resp: 854276

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

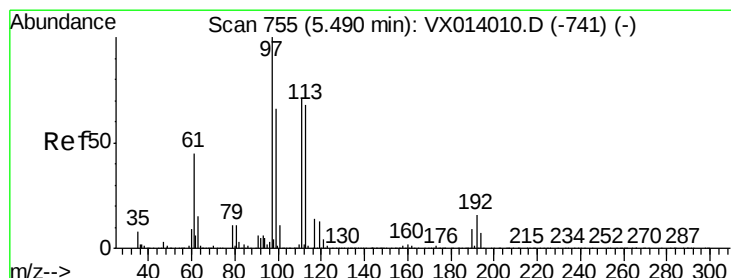
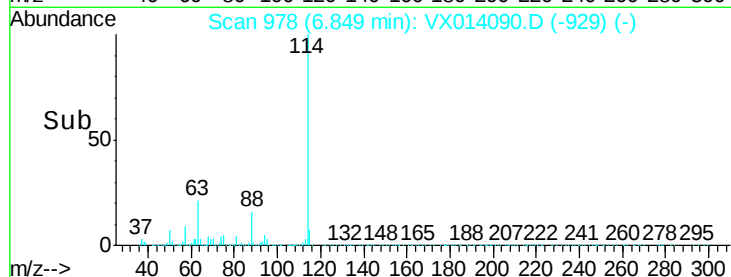
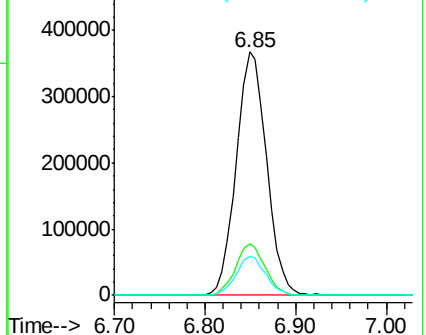
88 15.8 0.0 30.4



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: 49.802 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014090.D

Acq: 18 Dec 2019 12:41

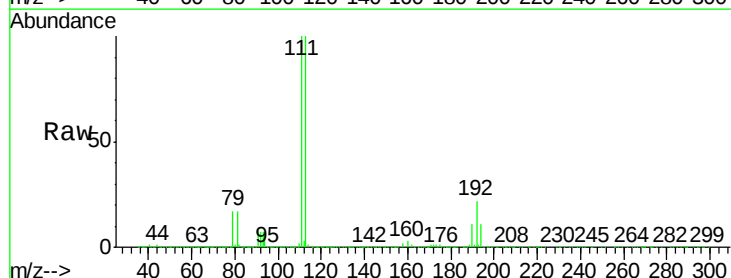
Tgt Ion:113 Resp: 258622

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

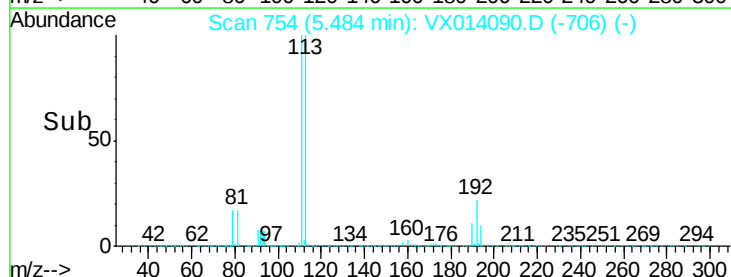
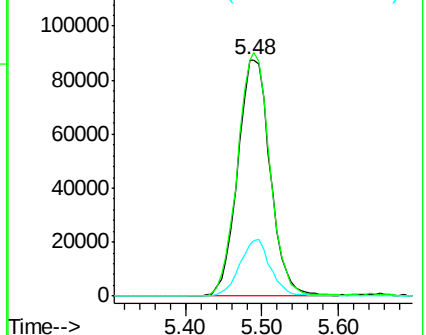
192 22.7 19.3 28.9

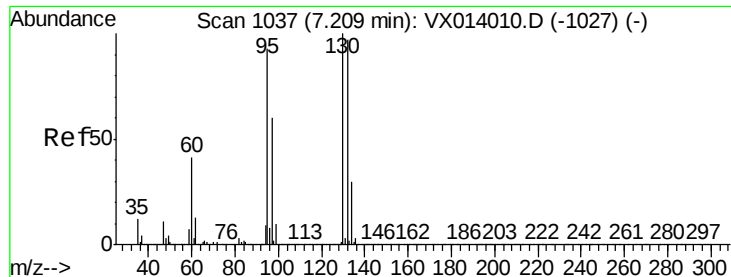


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 38.415 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX014090.D

Acq: 18 Dec 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

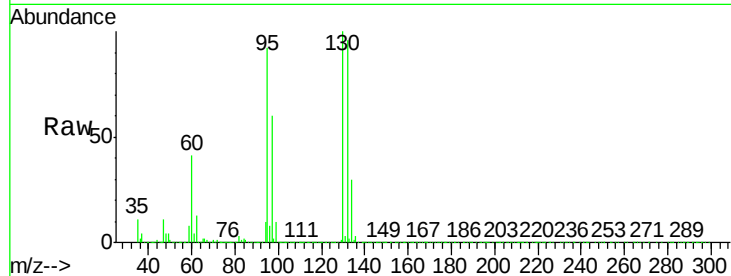
RE120D1-20191210DL

Tot Ion:130 Resp: 255905

Ion Ratio Lower Upper

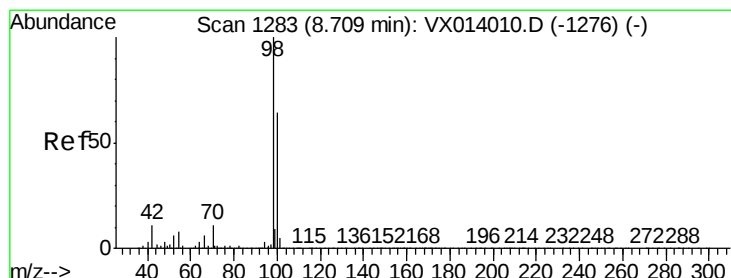
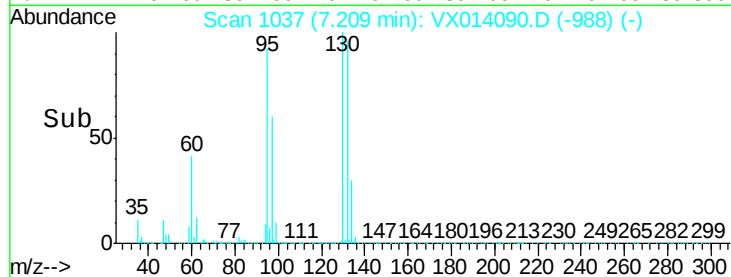
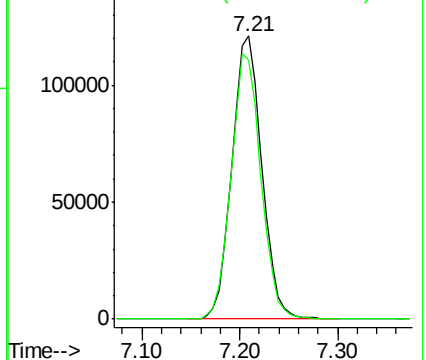
130 100

95 91.5 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.770 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014090.D

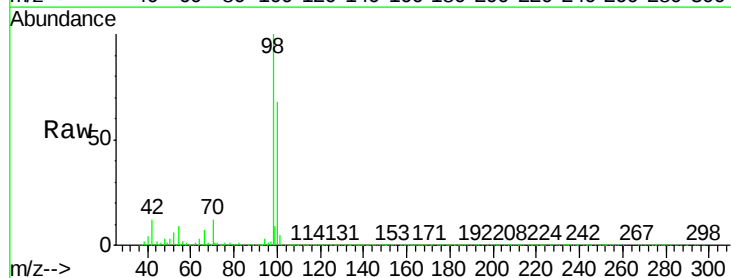
Acq: 18 Dec 2019 12:41

Tgt Ion: 98 Resp: 1006237

Ion Ratio Lower Upper

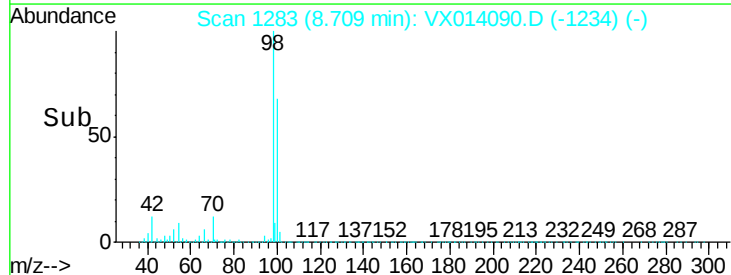
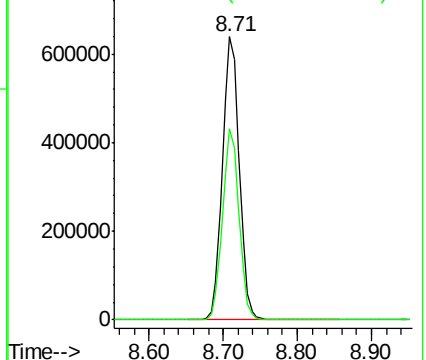
98 100

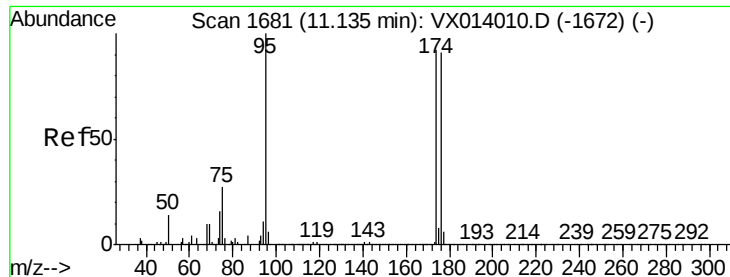
100 66.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

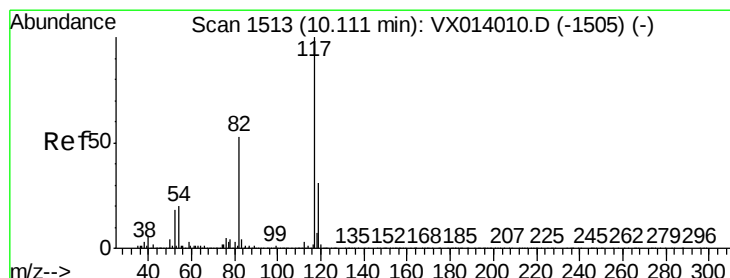
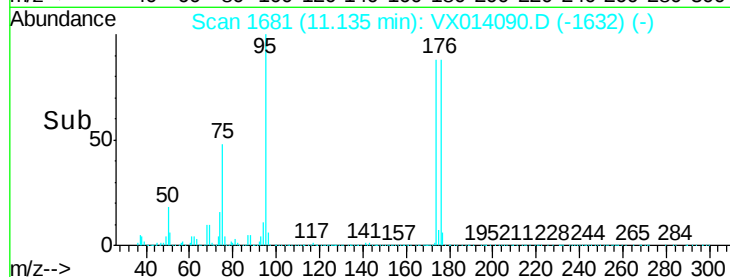
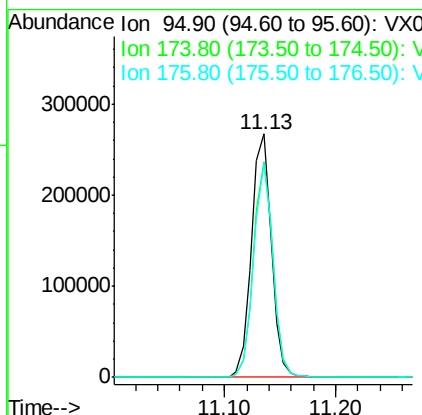
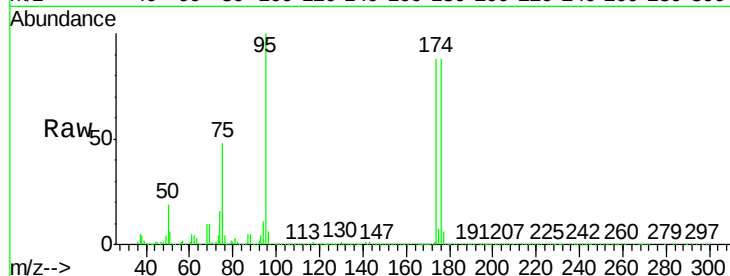




#62
4-Bromofluorobenzene
Concen: 45.140 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX014090.D
Acq: 18 Dec 2019 12:41

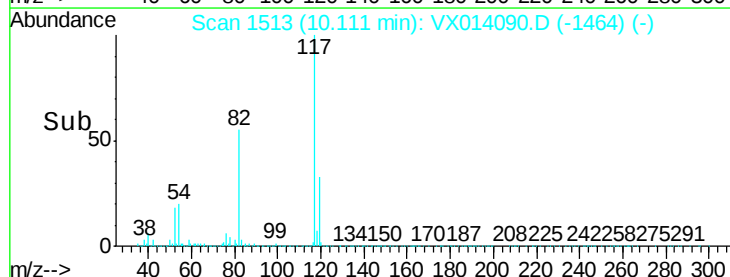
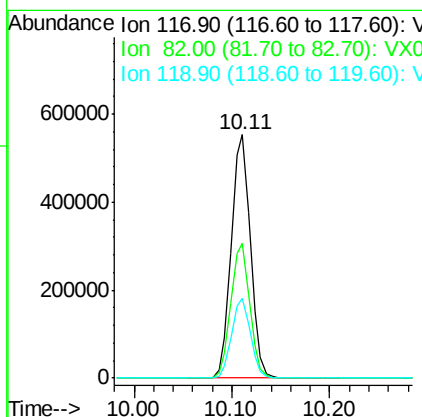
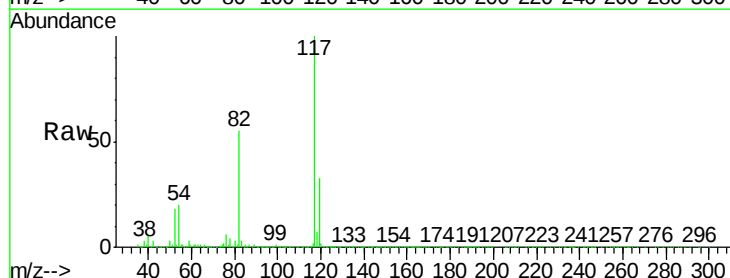
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20191210DL

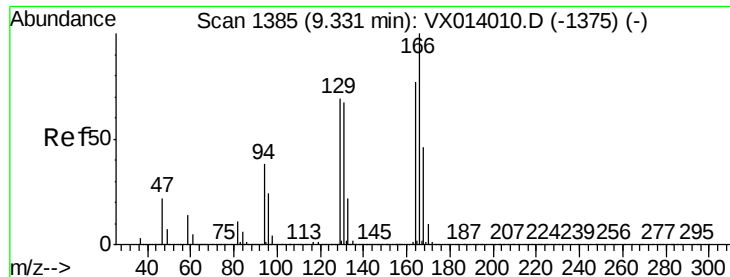
Tot Ion	Ratio	Lower	Upper
95	100		
174	87.4	0.0	175.8
176	85.5	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014090.D
Acq: 18 Dec 2019 12:41

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.4	42.2	63.4
119	32.7	25.1	37.7

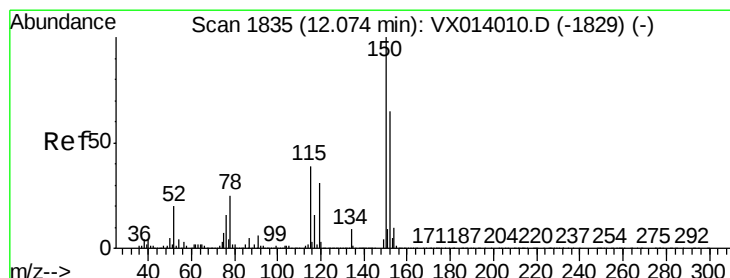
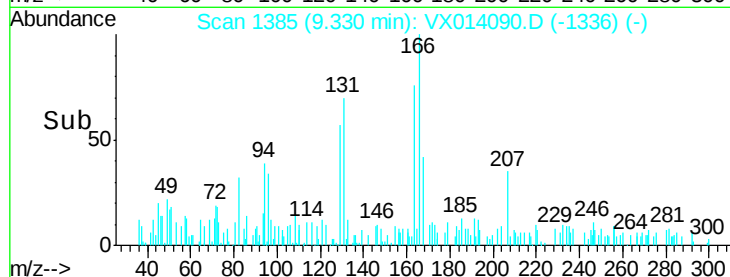
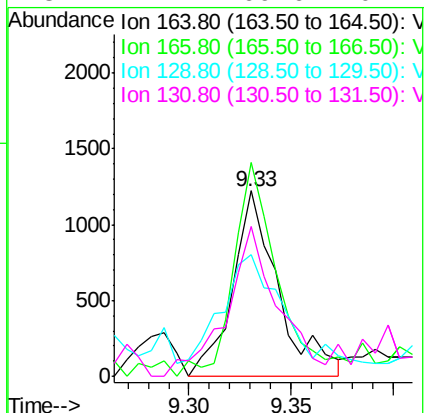
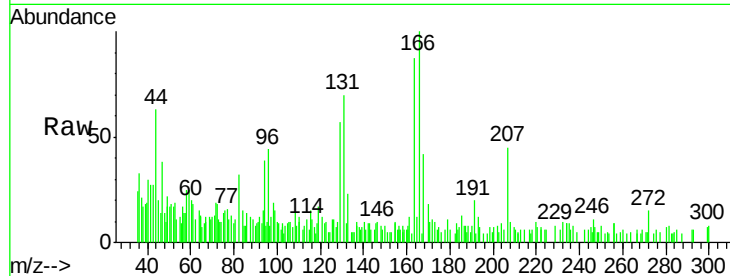




#64
Tetrachloroethene
Concen: 0.284 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014090.D
Acq: 18 Dec 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20191210DL

Tot Ion:164 Resp: 1893
Ion Ratio Lower Upper
164 100
166 106.8 104.0 156.0
129 56.5 72.2 108.4#
131 72.7 69.6 104.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014090.D
Acq: 18 Dec 2019 12:41

Tgt Ion:152 Resp: 323125
Ion Ratio Lower Upper
152 100
115 56.9 38.3 114.9
150 156.3 0.0 345.4

