

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
 Data File : VX018720.D
 Acq On : 01 Oct 2020 00:28
 Operator : JC/SP
 Sample : L4202-01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFSB4

Quant Time: Oct 01 06:16:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 01:06:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	276118	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	253935	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	128015	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	46628	3.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.60%
7) Chloroethane-d5	1.70	69	46985	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.34	63	92656	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.54	46	198059	53.76	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.52%
24) Chloroform-d	5.14	84	147417	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	6.03	65	83072	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	6.05	84	256022	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	7.37	67	83056	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	8.70	98	228632	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
45) trans-1,3-Dichloropropene-	8.99	79	32905	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
48) 2-Hexanone-d5	9.43	63	161855	56.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.80%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	63793	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	96206	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

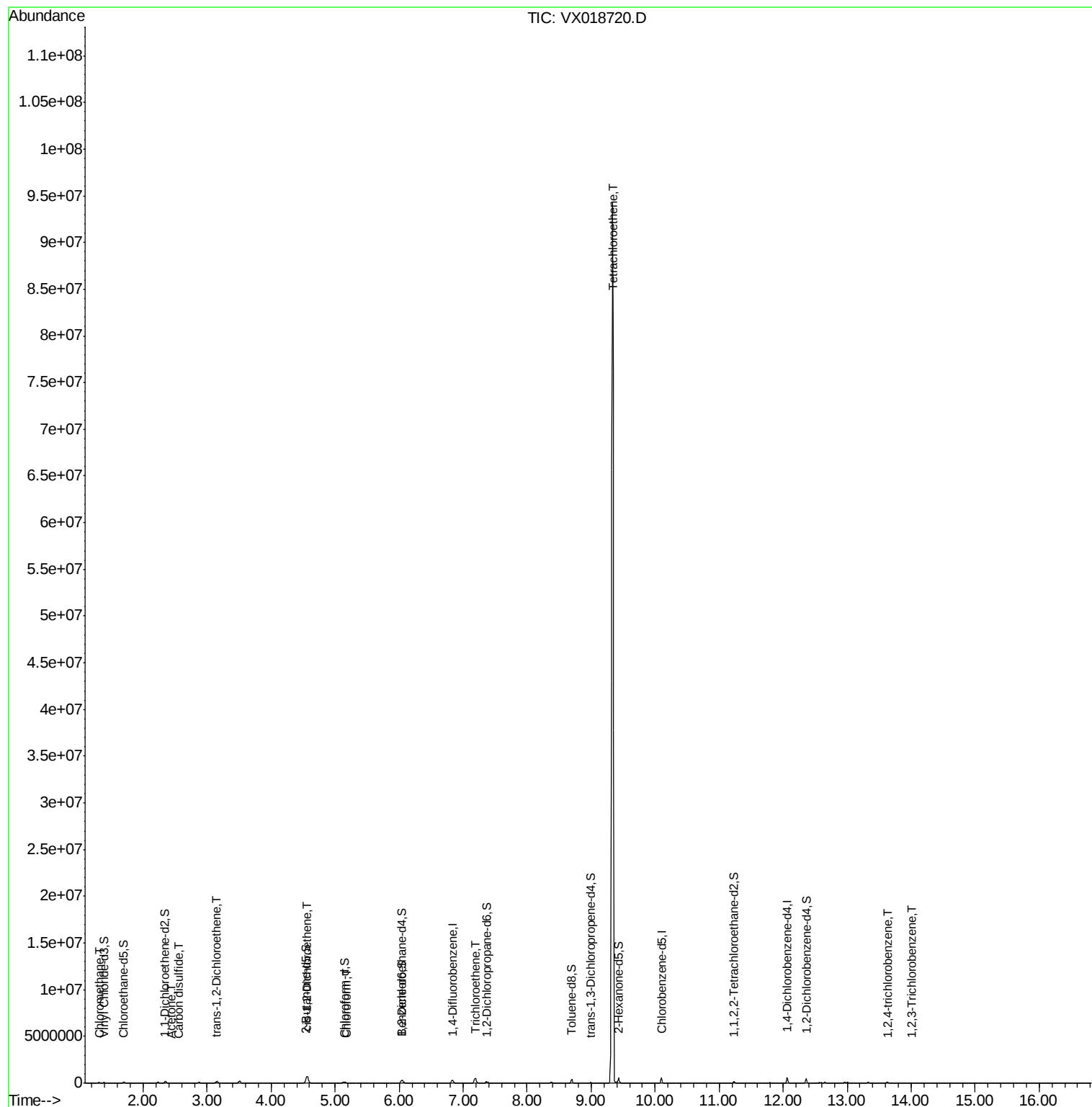
					Ovalue
3) Chloromethane	1.31	50	48346	3.387	ug/L 99
13) Acetone	2.44	43	12509	6.134	ug/L 99
14) Carbon disulfide	2.55	76	2812	0.069	ug/L # 93
18) trans-1,2-Dichloroethene	3.14	96	7861	0.583	ug/L 87
22) cis-1,2-Dichloroethene	4.56	96	403351	28.689	ug/L # 92
25) Chloroform	5.18	83	5222	0.198	ug/L # 73
34) Trichloroethene	7.19	95	194057	13.699	ug/L 98
49) Tetrachloroethene	9.33	164	18095639	1622.372	ug/L 84
69) 1,2,4-trichlorobenzene	13.63	180	24745	1.445	ug/L 95
71) 1,2,3-Trichlorobenzene	14.01	180	6914	0.447	ug/L 90

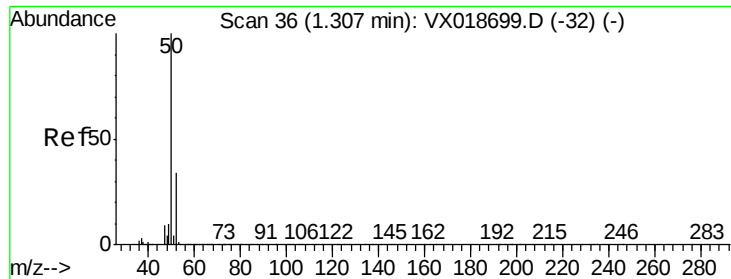
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018720.D
Acq On : 01 Oct 2020 00:28
Operator : JC/SP
Sample : L4202-01
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFSB4

Quant Time: Oct 01 06:16:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration

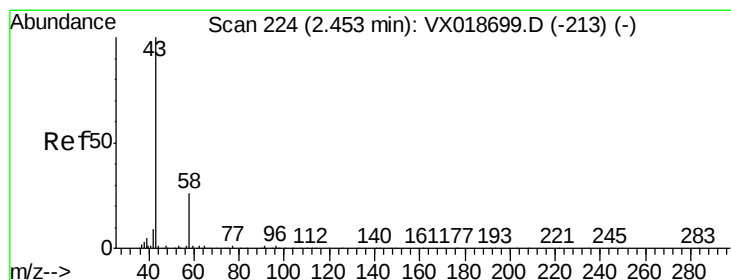
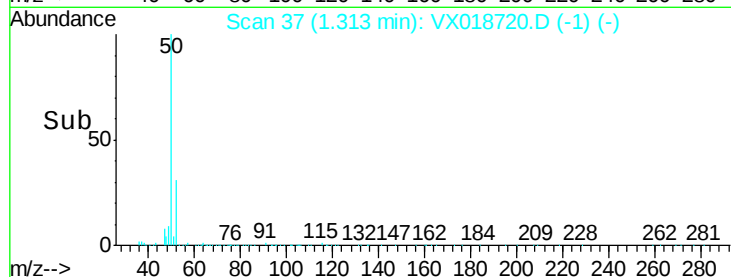
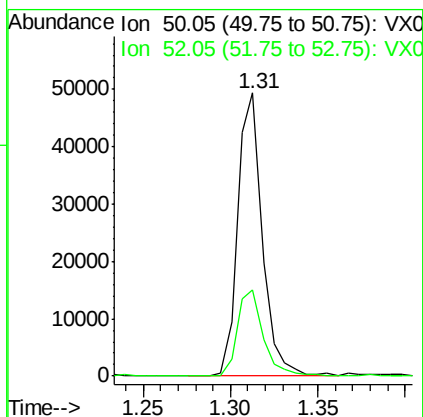
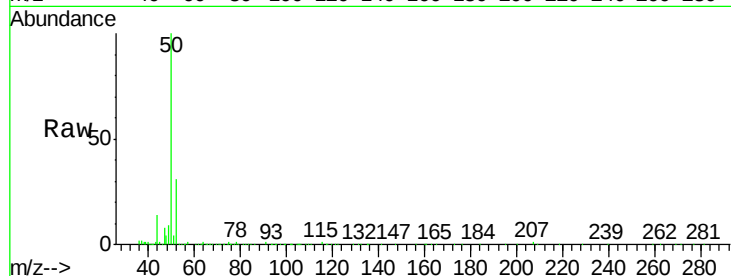




#3
Chloromethane
Concen: 3.387 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.01 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

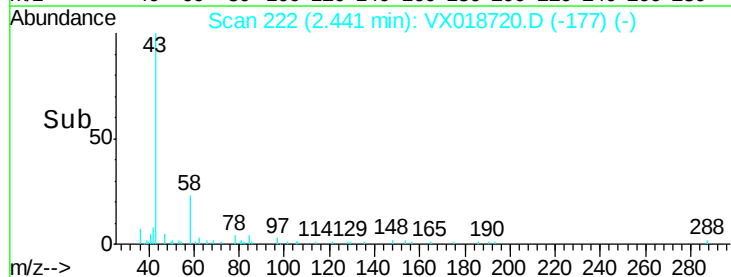
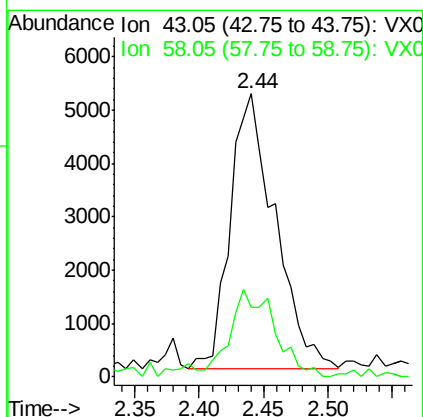
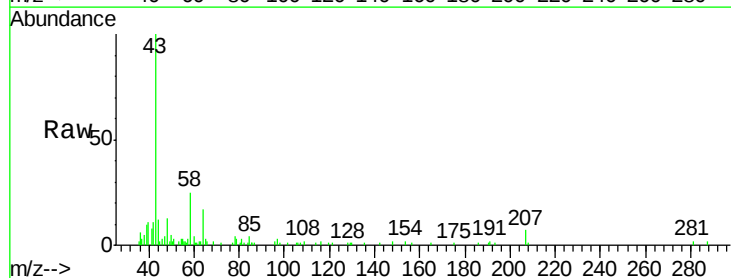
Instrument :
MSVOA_X
ClientSampled :
BFSB4

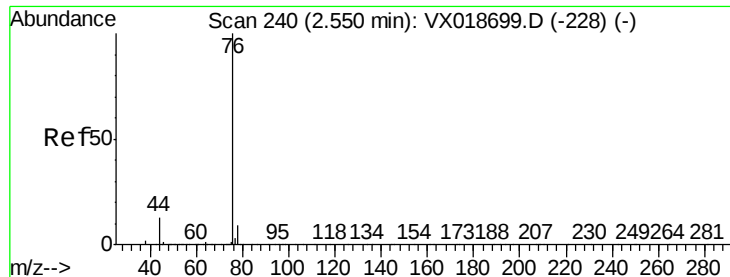
Tot Ion: 50 Resp: 48346
Ion Ratio Lower Upper
50 100
52 30.6 21.2 39.4



#13
Acetone
Concen: 6.134 ug/L
RT: 2.44 min Scan# 222
Delta R.T. -0.02 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Tgt Ion: 43 Resp: 12509
Ion Ratio Lower Upper
43 100
58 31.5 0.0 61.6





#14

Carbon disulfide

Concen: 0.069 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018720.D

Acq: 01 Oct 2020 00:28

Instrument :

MSVOA_X

ClientSampleId :

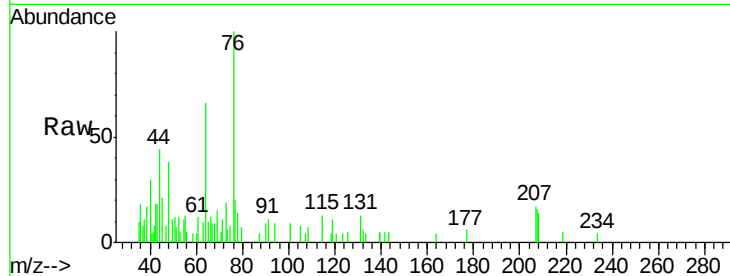
BFSB4

Tot Ion: 76 Resp: 2812

Ion Ratio Lower Upper

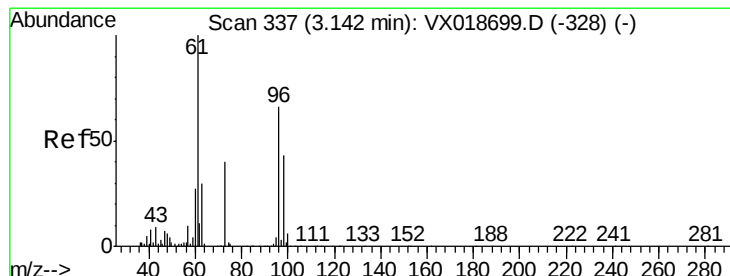
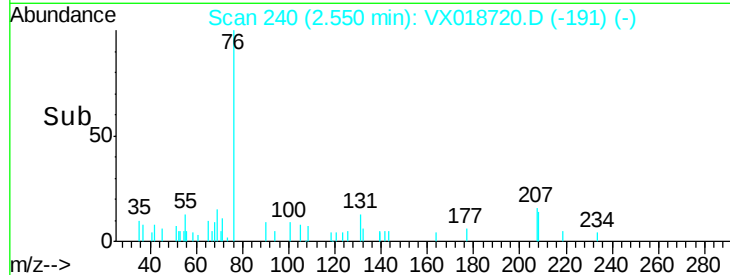
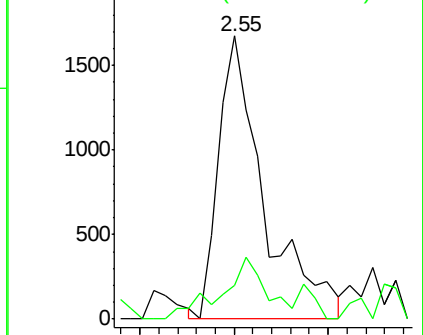
76 100

78 11.8 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0



#18

trans-1,2-Dichloroethene

Concen: 0.583 ug/L

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018720.D

Acq: 01 Oct 2020 00:28

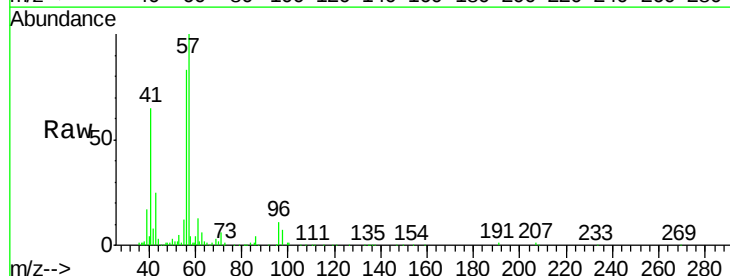
Tgt Ion: 96 Resp: 7861

Ion Ratio Lower Upper

96 100

61 117.9 97.3 180.7

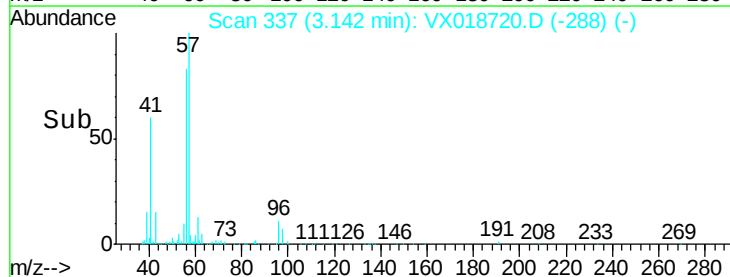
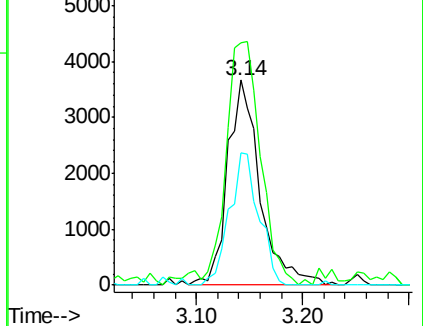
98 64.6 46.6 86.6

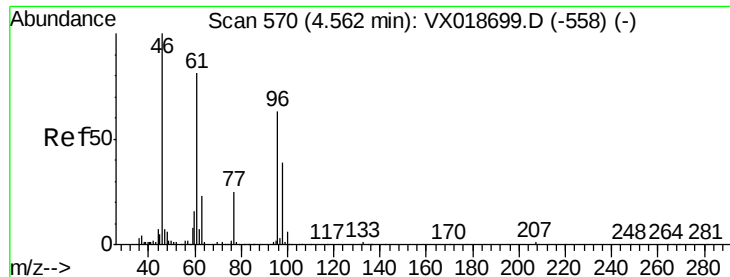


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 97.95 (97.65 to 98.65): VX0



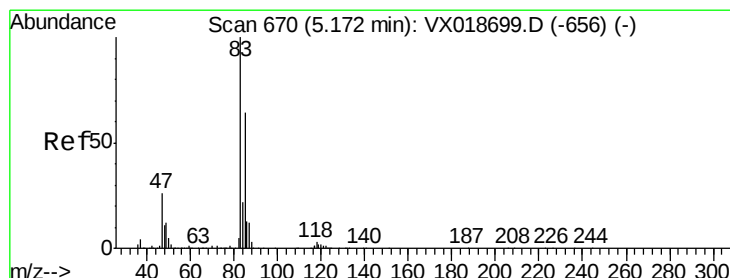
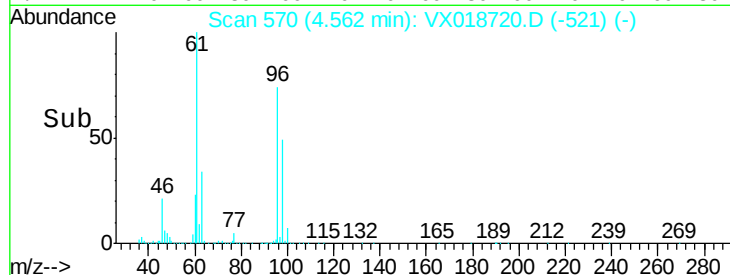
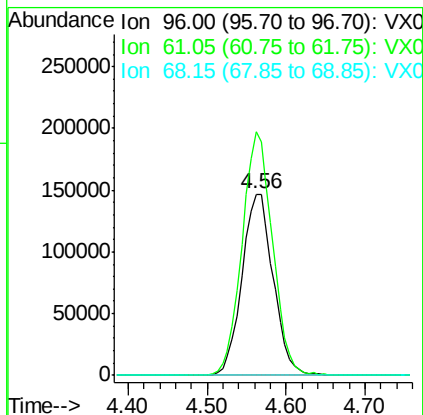
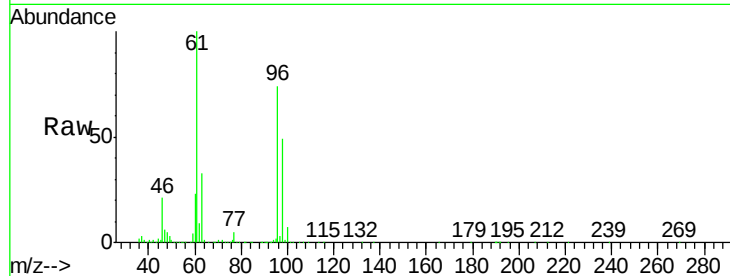


#22

cis-1,2-Dichloroethene
 Concen: 28.689 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX018720.D
 Acq: 01 Oct 2020 00:28

Instrument :
 MSVOA_X
 ClientSampled :
 BFSB4

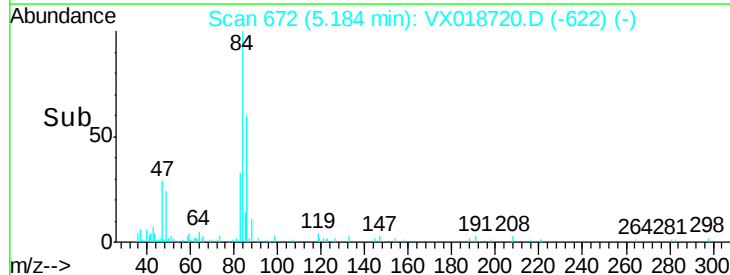
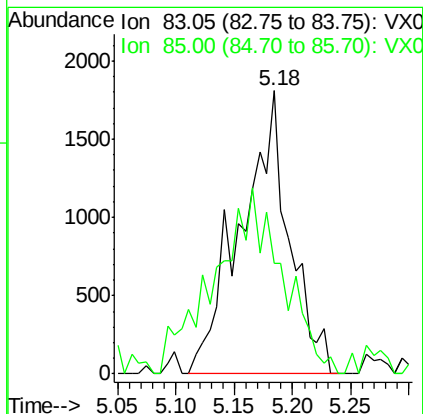
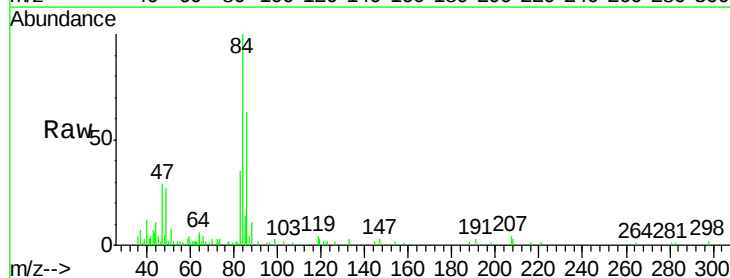
Tot Ion: 96 Resp: 403351
 Ion Ratio Lower Upper
 96 100
 61 134.6 87.7 162.9
 68 0.1 0.3 0.7#

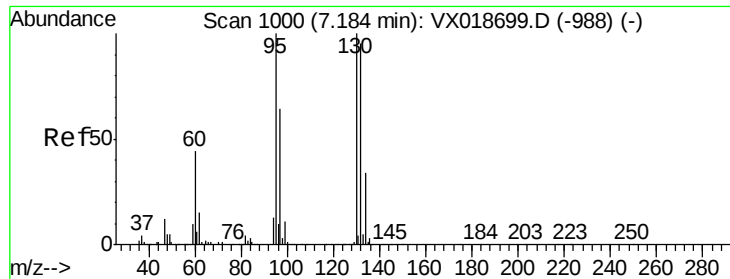


#25

Chloroform
 Concen: 0.198 ug/L
 RT: 5.18 min Scan# 672
 Delta R.T. 0.01 min
 Lab File: VX018720.D
 Acq: 01 Oct 2020 00:28

Tgt Ion: 83 Resp: 5222
 Ion Ratio Lower Upper
 83 100
 85 39.0 41.8 77.6#

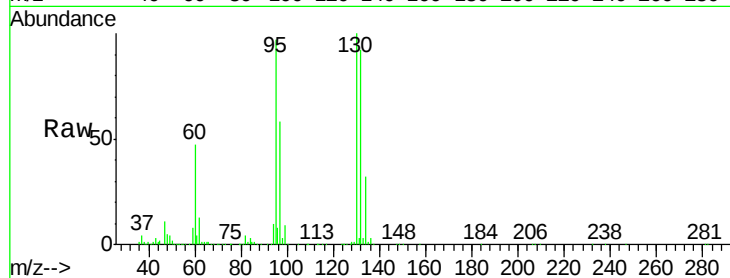




#34
 Trichloroethene
 Concen: 13.699 ug/L
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018720.D
 Acq: 01 Oct 2020 00:28

Instrument :
 MSVOA_X
 ClientSampleId :
 BFSB4

Tot Ion:	95	Resp:	194057
Ion	Ratio	Lower	Upper
95	100		
97	59.6	40.6	75.4
132	94.5	64.3	119.5
130	103.0	70.6	131.0

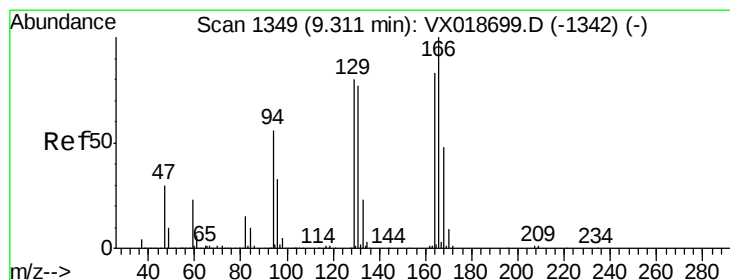
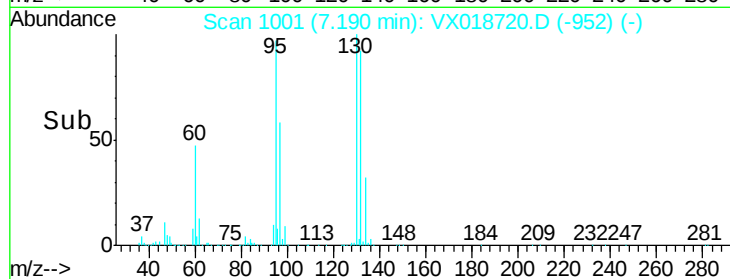
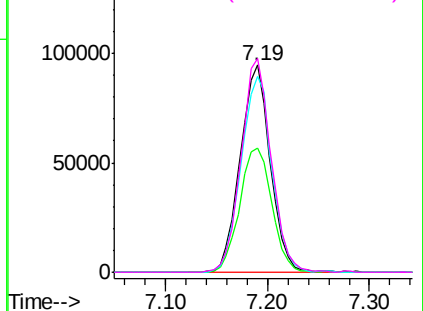


Abundance Ion 95.00 (94.70 to 95.70): VX018699.D (-988) (-)

Ion 96.95 (96.65 to 97.65): VX018699.D (-988) (-)

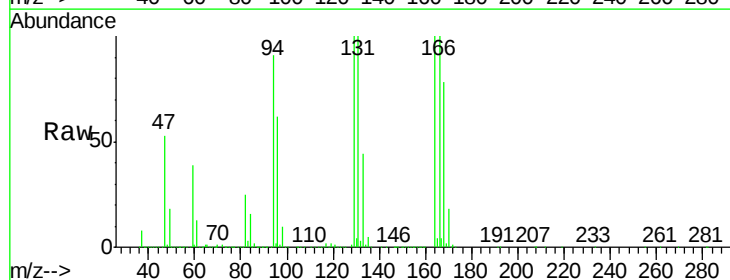
Ion 131.95 (131.65 to 132.65): VX018699.D (-988) (-)

Ion 129.95 (129.65 to 130.65): VX018699.D (-988) (-)



#49
 Tetrachloroethene
 Concen: 1622.372 ug/L
 RT: 9.33 min Scan# 1352
 Delta R.T. 0.01 min
 Lab File: VX018720.D
 Acq: 01 Oct 2020 00:28

Tgt Ion:	164	Resp:	18095639
Ion	Ratio	Lower	Upper
164	100		
129	100.0	65.9	122.3
131	100.0	61.4	114.0
166	100.0	91.0	169.0

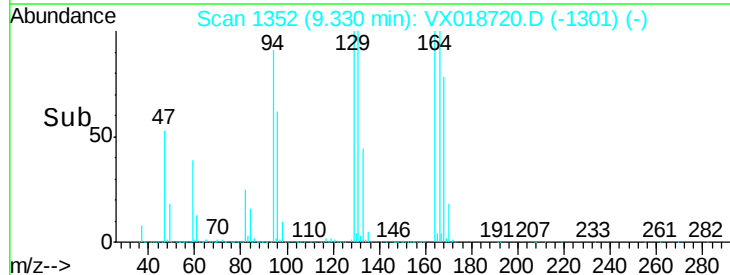
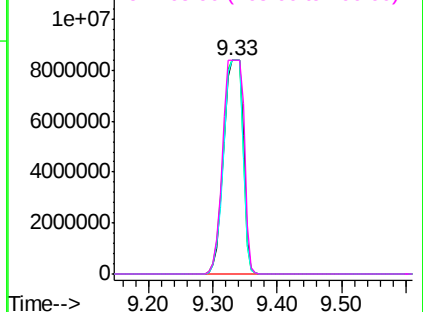


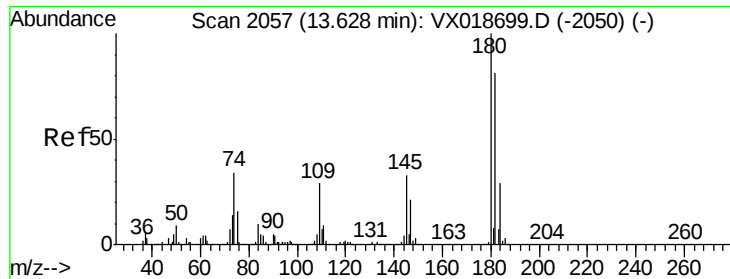
Abundance Ion 163.90 (163.60 to 164.60): VX018699.D (-1342) (-)

Ion 128.95 (128.65 to 129.65): VX018699.D (-1342) (-)

Ion 130.95 (130.65 to 131.65): VX018699.D (-1342) (-)

Ion 165.90 (165.60 to 166.60): VX018699.D (-1342) (-)

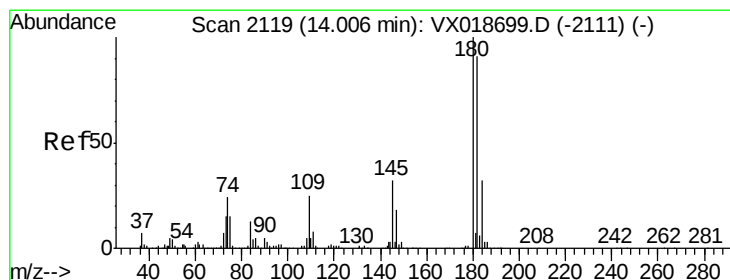
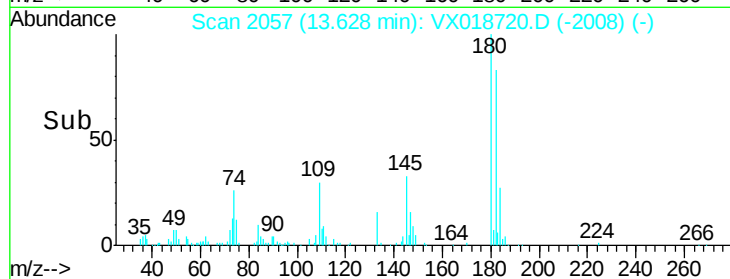
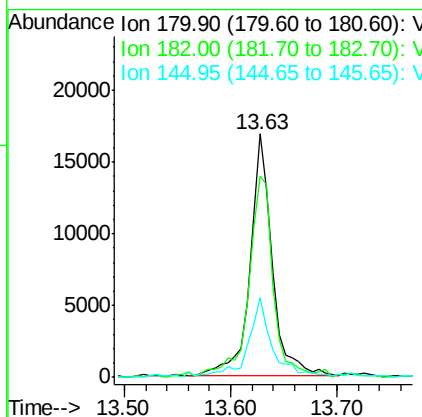
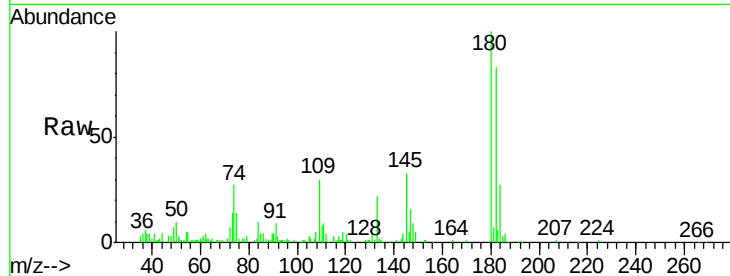




#69
 1,2,4-trichlorobenzene
 Concen: 1.445 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018720.D
 Acq: 01 Oct 2020 00:28

Instrument :
 MSVOA_X
 ClientSampleId :
 BFSB4

Tot Ion:180 Resp: 24745
 Ion Ratio Lower Upper
 180 100
 182 88.3 74.6 112.0
 145 33.6 25.0 37.6



#71
 1,2,3-Trichlorobenzene
 Concen: 0.447 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VX018720.D
 Acq: 01 Oct 2020 00:28

Tgt Ion:180 Resp: 6914
 Ion Ratio Lower Upper
 180 100
 182 84.3 77.7 116.5
 145 34.1 28.6 42.8

