

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018692.D
 Acq On : 30 Sep 2020 12:09
 Operator : JC/SP
 Sample : L4143-20
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 01 01:08:15 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	212947	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	206863	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	93760	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	41879	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.70	69	40231	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.34	63	79886	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.55	46	151861	53.44	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.88%
24) Chloroform-d	5.14	84	120537	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	6.03	65	70137	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	6.05	84	207690	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	7.37	67	67771	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	8.70	98	183378	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
45) trans-1,3-Dichloropropene-	8.99	79	27776	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
48) 2-Hexanone-d5	9.43	63	111744	48.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.44%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	54614	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	73431	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

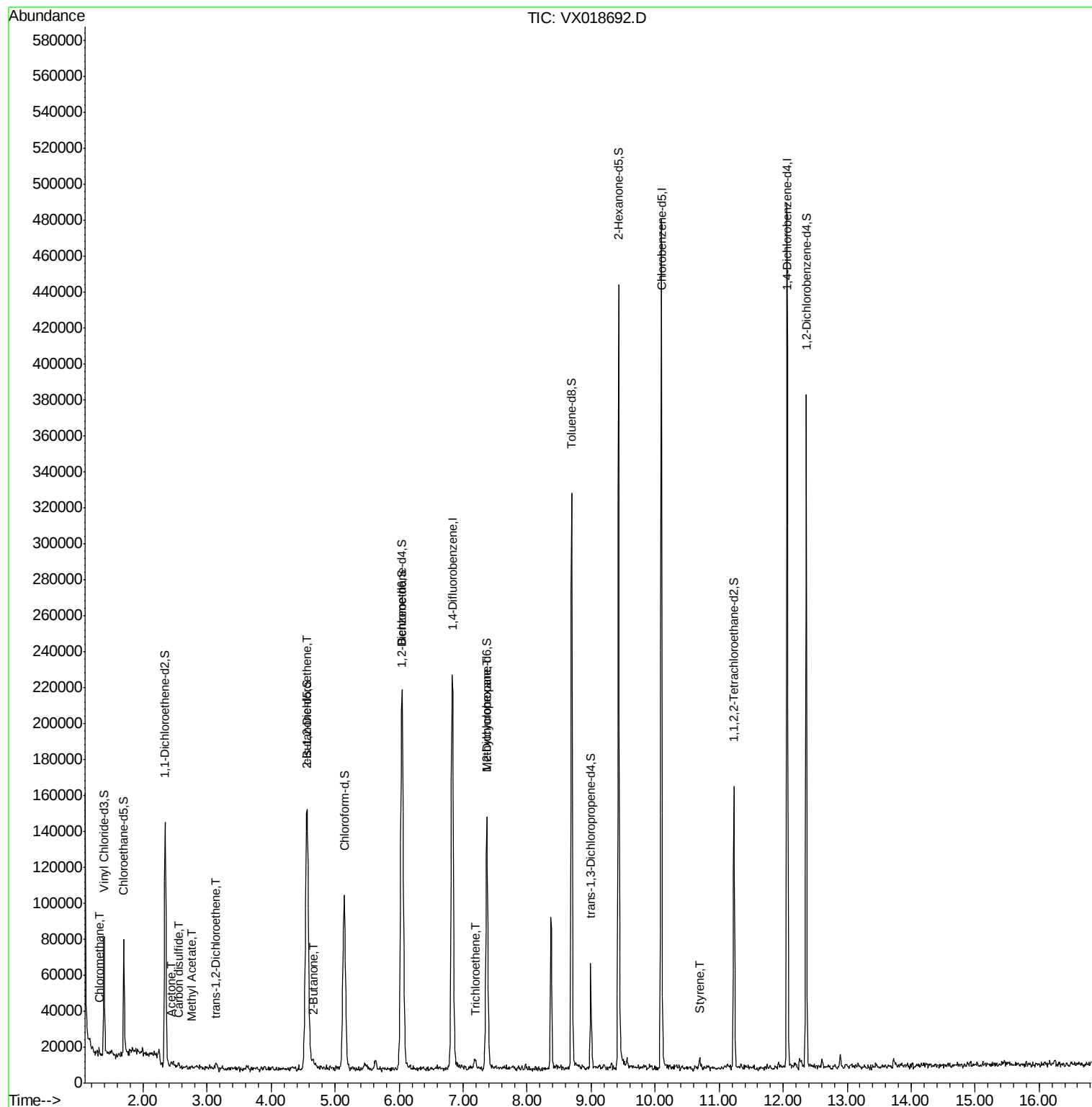
					Ovalue
3) Chloromethane	1.31	50	1028	0.093 ug/L #	79
13) Acetone	2.45	43	6358	4.043 ug/L	82
14) Carbon disulfide	2.55	76	1713	0.054 ug/L	99
15) Methyl Acetate	2.75	43	443	0.102 ug/L	90
18) trans-1,2-Dichloroethene	3.14	96	984	0.095 ug/L	75
21) 2-Butanone	4.67	43	4995	2.001 ug/L #	69
22) cis-1,2-Dichloroethene	4.56	96	53327	4.918 ug/L #	99
34) Trichloroethene	7.20	95	1701	0.147 ug/L #	75
35) Methylcyclohexane	7.37	83	17876	1.114 ug/L #	17
57) Styrene	10.70	104	2191	0.078 ug/L	82

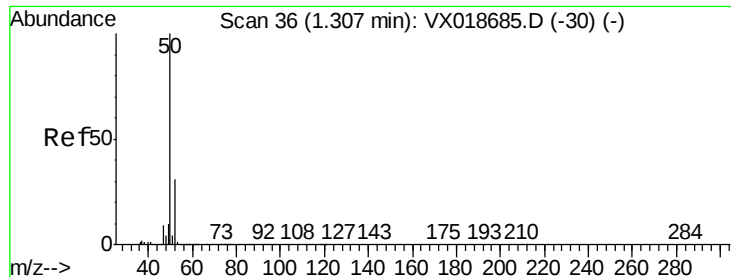
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.093 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.01 min

Lab File: VX018692.D

Acq: 30 Sep 2020 12:09

Instrument :

MSVOA_X

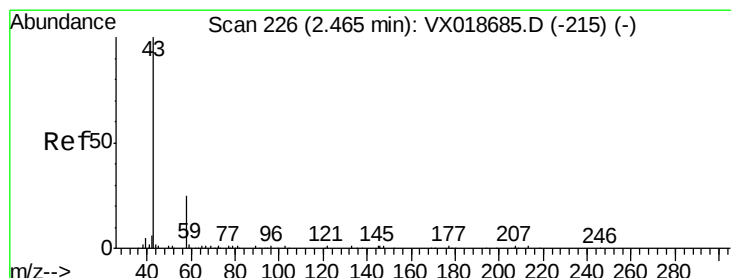
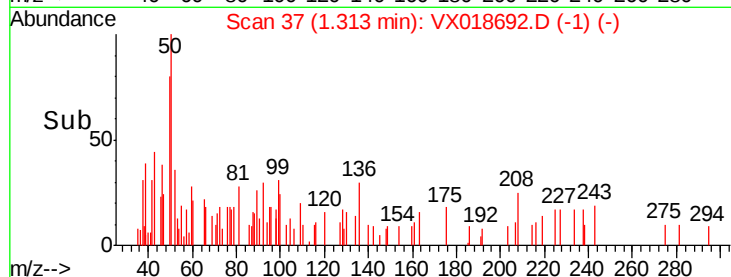
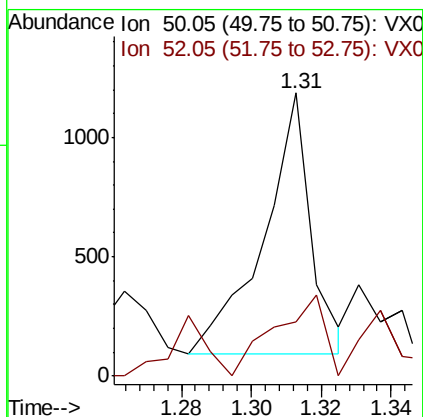
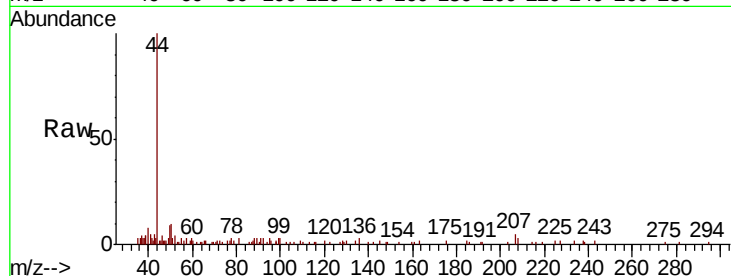
ClientSampleId :

Tot Ion: 50 Resp: 1028

Ion Ratio Lower Upper

50 100

52 19.1 21.2 39.4#



#13

Acetone

Concen: 4.043 ug/L

RT: 2.45 min Scan# 223

Delta R.T. -0.02 min

Lab File: VX018692.D

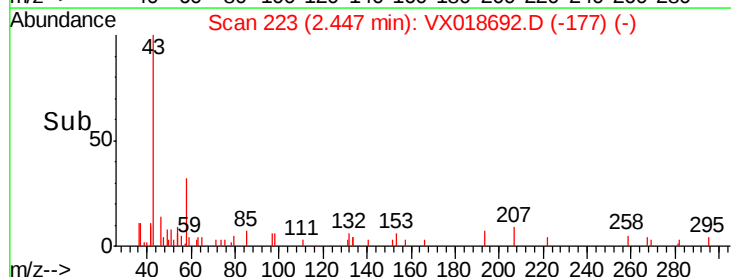
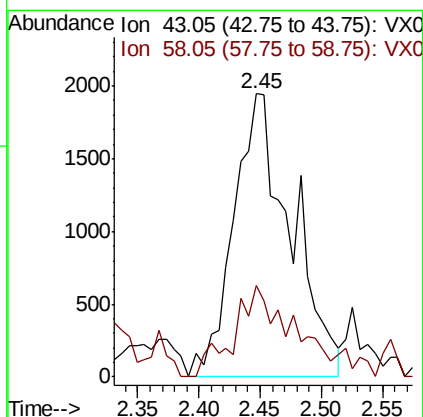
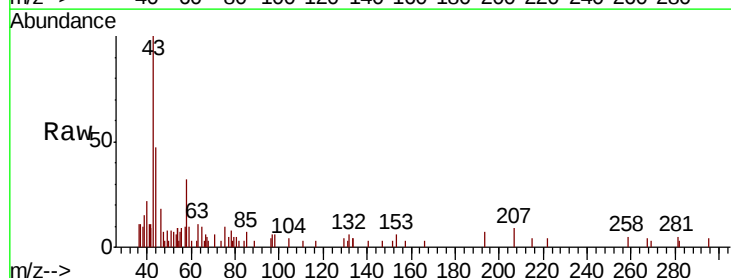
Acq: 30 Sep 2020 12:09

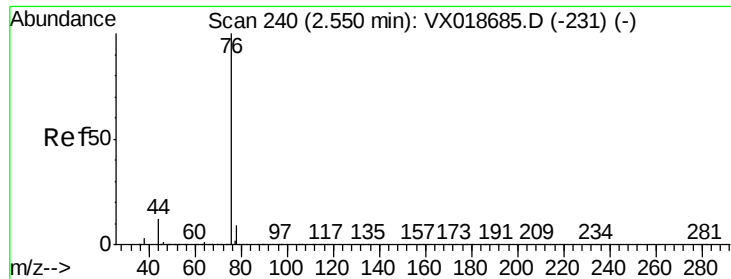
Tgt Ion: 43 Resp: 6358

Ion Ratio Lower Upper

43 100

58 21.1 0.0 61.6





#14

Carbon disulfide

Concen: 0.054 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018692.D

Acq: 30 Sep 2020 12:09

Instrument :

MSVOA_X

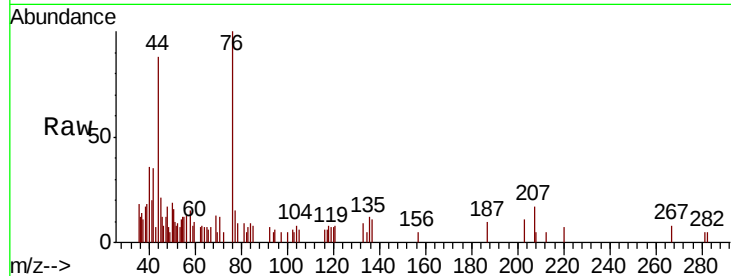
ClientSampleId :

Tot Ion: 76 Resp: 1713

Ion Ratio Lower Upper

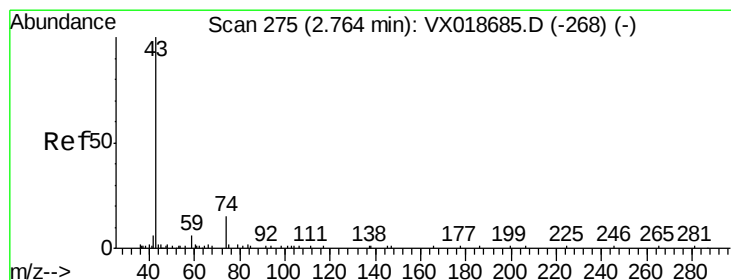
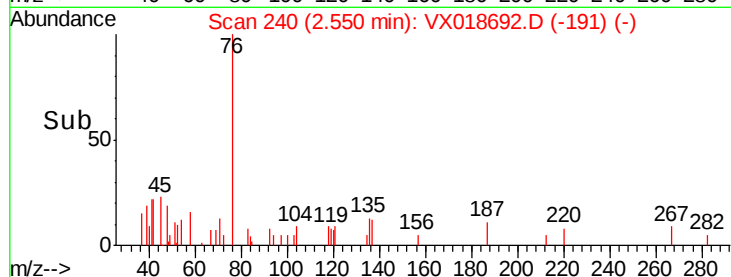
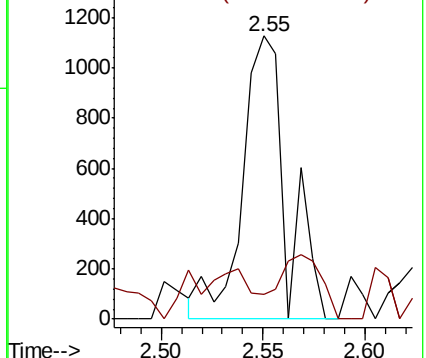
76 100

78 8.9 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0



#15

Methyl Acetate

Concen: 0.102 ug/L

RT: 2.75 min Scan# 272

Delta R.T. -0.02 min

Lab File: VX018692.D

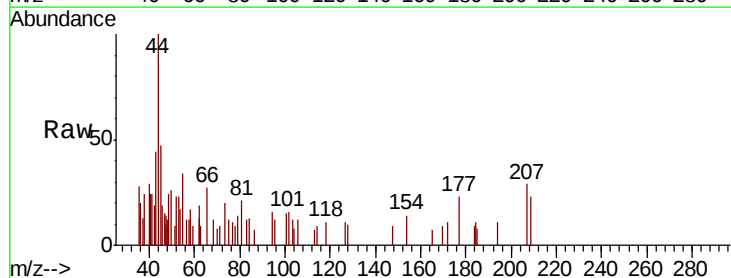
Acq: 30 Sep 2020 12:09

Tgt Ion: 43 Resp: 443

Ion Ratio Lower Upper

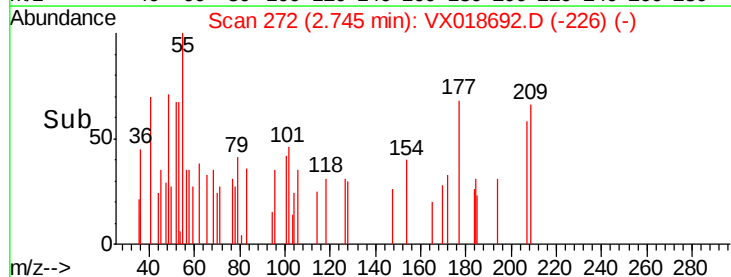
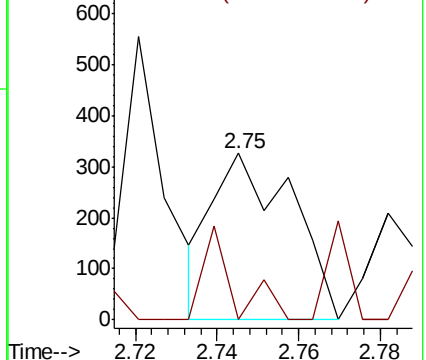
43 100

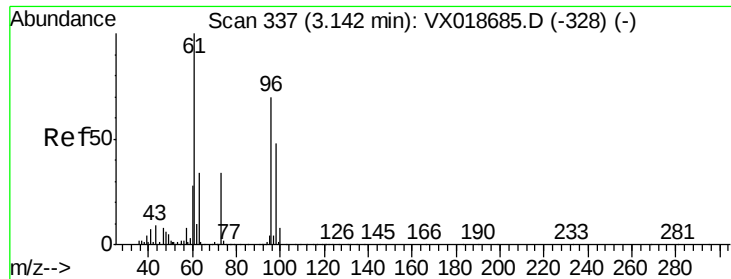
74 21.4 21.2 31.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0





#18

trans-1,2-Dichloroethene

Concen: 0.095 ug/L

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX018692.D

Acq: 30 Sep 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

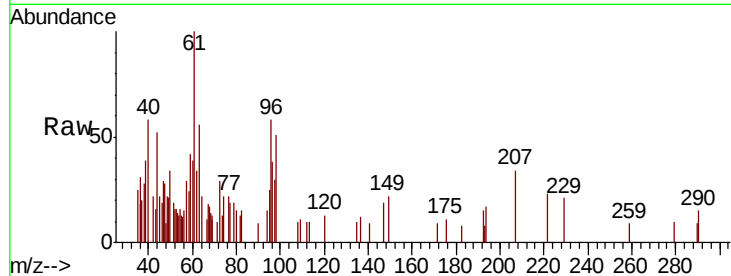
Tot Ion: 96 Resp: 984

Ion Ratio Lower Upper

96 100

61 103.5 97.3 180.7

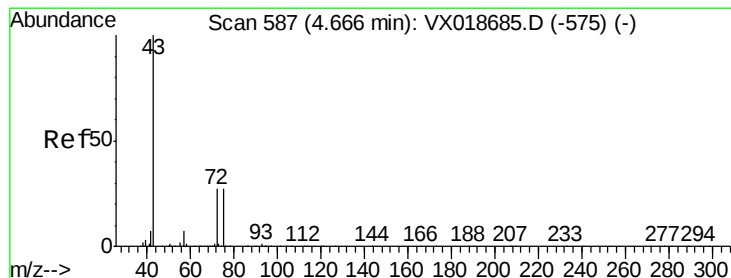
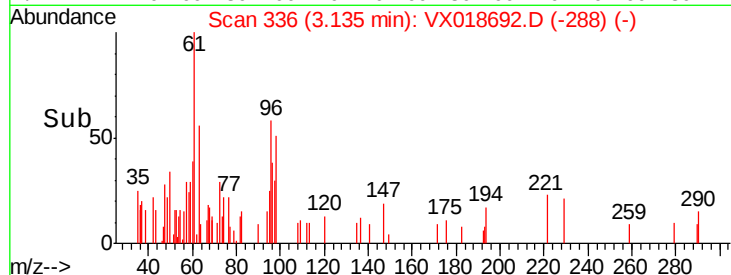
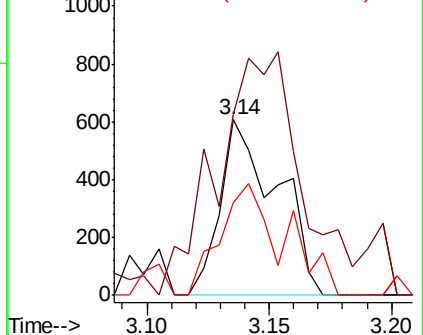
98 52.6 46.6 86.6



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



#21

2-Butanone

Concen: 2.001 ug/L

RT: 4.67 min Scan# 588

Delta R.T. 0.01 min

Lab File: VX018692.D

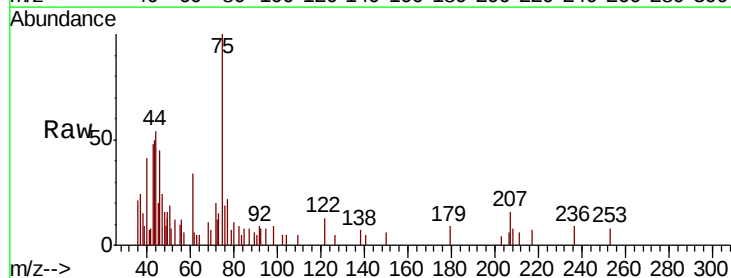
Acq: 30 Sep 2020 12:09

Tgt Ion: 43 Resp: 4995

Ion Ratio Lower Upper

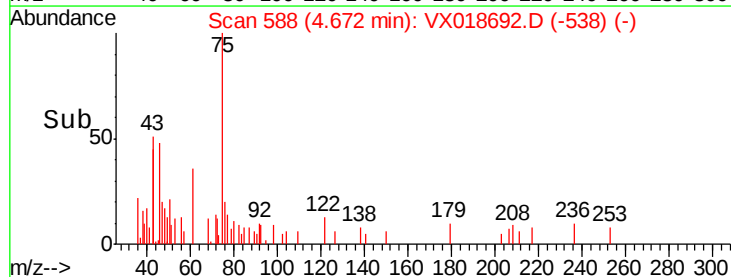
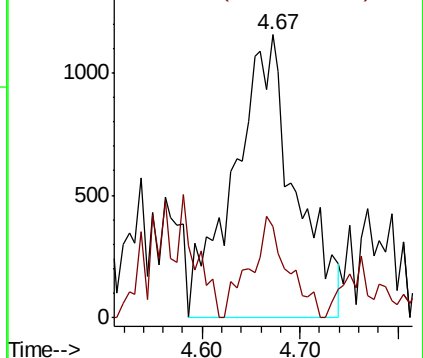
43 100

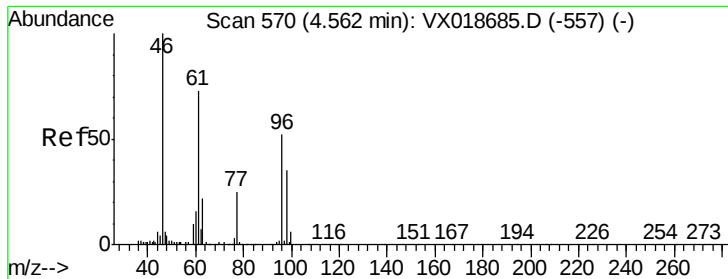
72 22.0 5.2 15.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



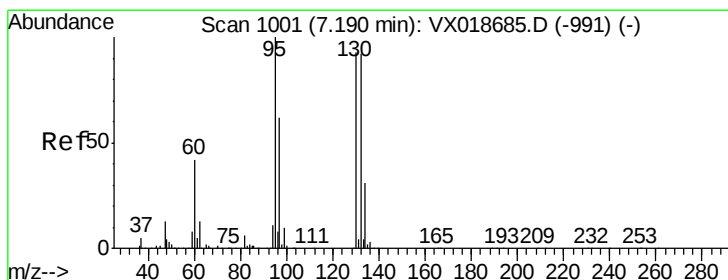
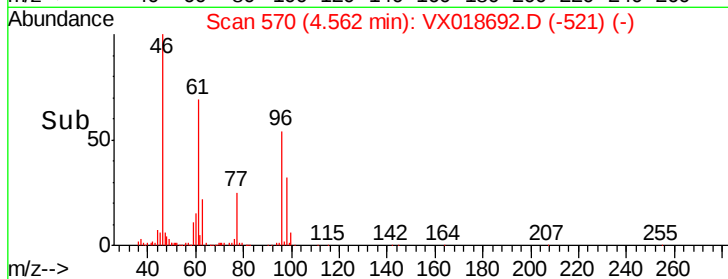
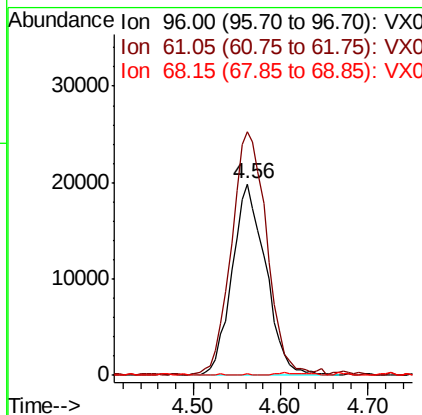
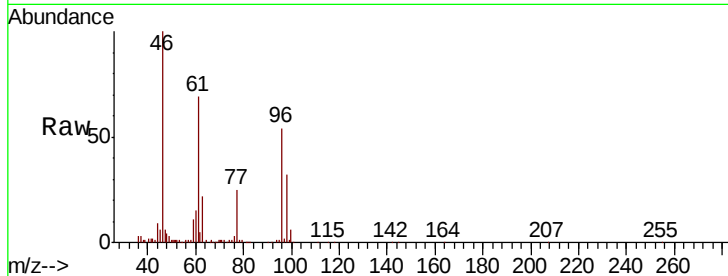


#22

cis-1,2-Dichloroethene
 Concen: 4.918 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018692.D
 Acq: 30 Sep 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :

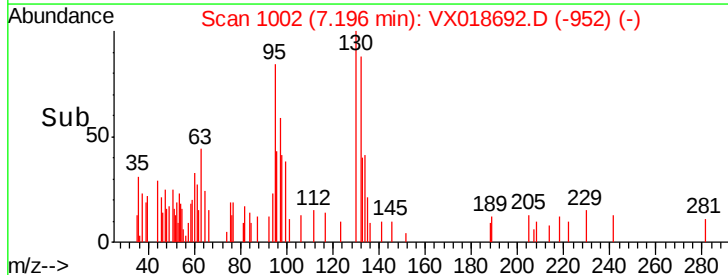
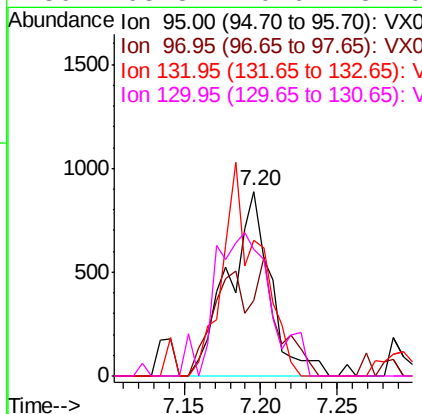
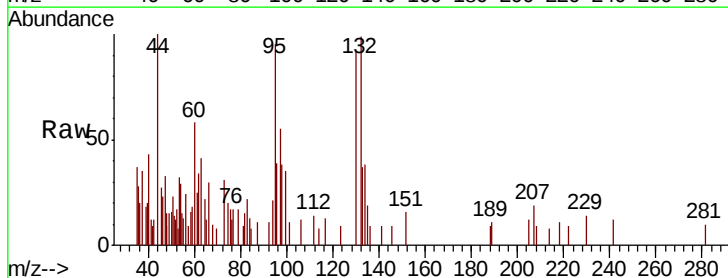
Tot Ion: 96 Resp: 53327
 Ion Ratio Lower Upper
 96 100
 61 127.0 87.7 162.9
 68 0.9 0.3 0.7#

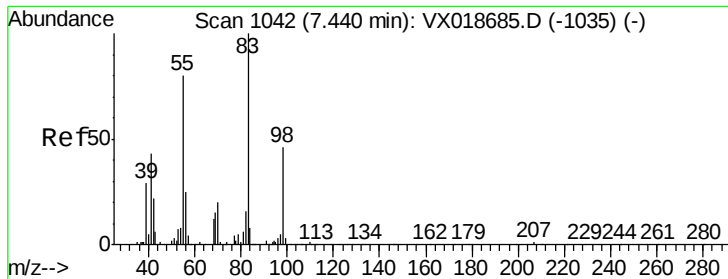


#34

Trichloroethene
 Concen: 0.147 ug/L
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX018692.D
 Acq: 30 Sep 2020 12:09

Tgt Ion: 95 Resp: 1701
 Ion Ratio Lower Upper
 95 100
 97 40.8 40.6 75.4
 132 73.8 64.3 119.5
 130 68.8 70.6 131.0#

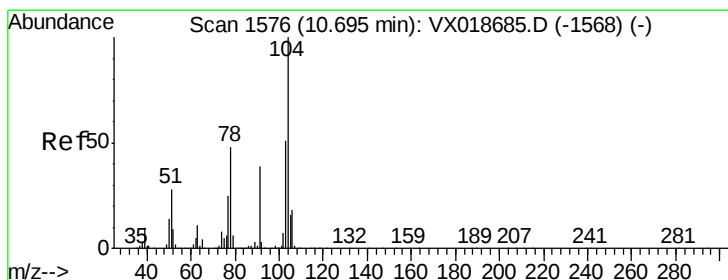
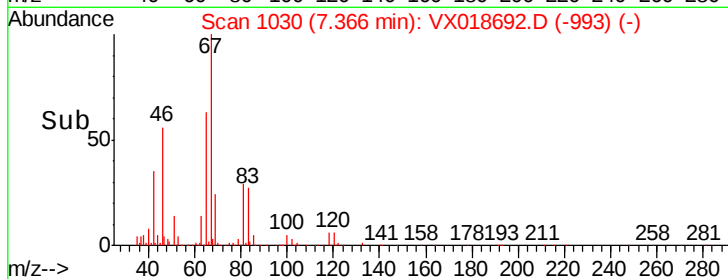
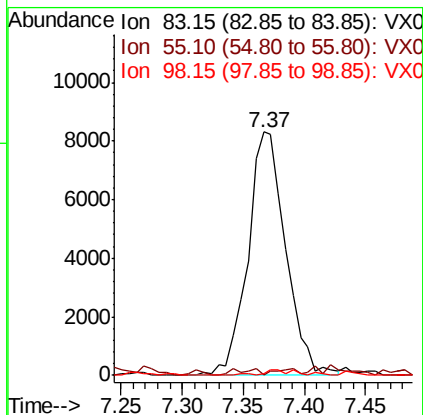
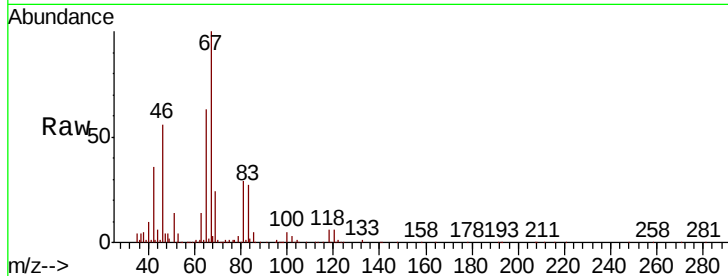




#35
Methvlcvclohexane
Concen: 1.114 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018692.D
Acq: 30 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 17876
Ion Ratio Lower Upper
83 100
55 1.6 67.4 101.0#
98 1.8 41.1 61.7#



#57
Styrene
Concen: 0.078 ug/L
RT: 10.70 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VX018692.D
Acq: 30 Sep 2020 12:09

Tgt Ion:104 Resp: 2191
Ion Ratio Lower Upper
104 100
78 59.8 33.3 61.9

