

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
 Data File : VX017918.D
 Acq On : 14 Aug 2020 23:48
 Operator : JC/SP
 Sample : L3701-07
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JLTx6

Quant Time: Aug 17 04:19:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 04:16:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	255055	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	247317	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	108634	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	78773	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.69	69	67422	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.34	63	114817	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.54	46	217238	46.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.82%
24) Chloroform-d	5.14	84	171774	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	6.03	65	94826	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	6.05	84	295880	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	7.37	67	91784	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	8.70	98	245197	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
45) trans-1,3-Dichloropropene-	8.99	79	35454	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
48) 2-Hexanone-d5	9.43	63	158801	42.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.08%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	66470	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	93831	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

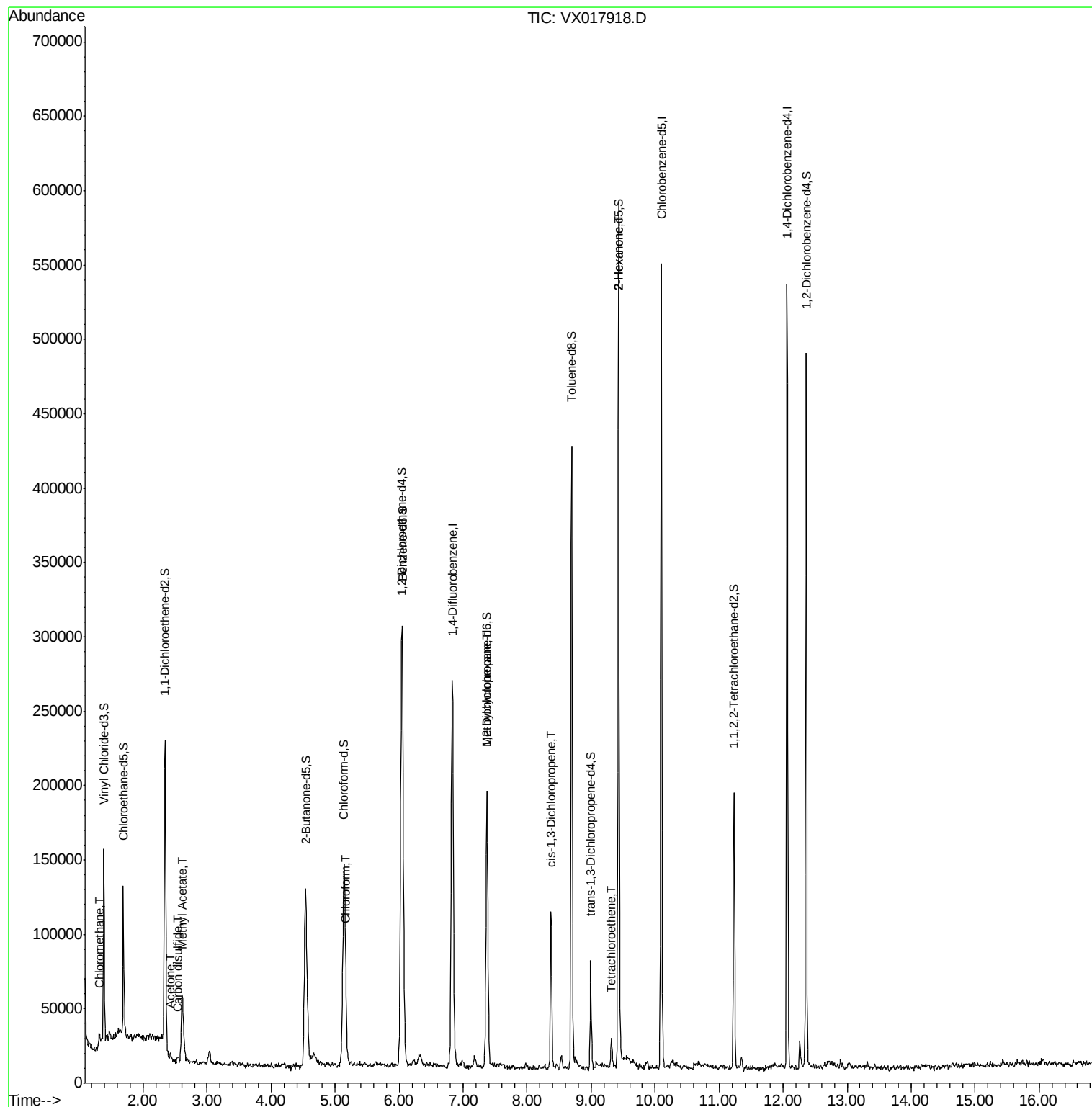
					Qvalue
3) Chloromethane	1.31	50	4156	0.172 ug/L	100
13) Acetone	2.42	43	5506	1.610 ug/L	100
14) Carbon disulfide	2.55	76	4221	0.060 ug/L #	93
15) Methyl Acetate	2.61	43	17261	1.712 ug/L #	54
25) Chloroform	5.17	83	6581	0.154 ug/L	99
35) Methylcyclohexane	7.37	83	23283	0.648 ug/L #	19
39) cis-1,3-Dichloropropene	8.37	75	3333	0.098 ug/L	98
49) Tetrachloroethene	9.32	164	3280	0.160 ug/L	81
50) 2-Hexanone	9.43	43	20545	1.999 ug/L #	70

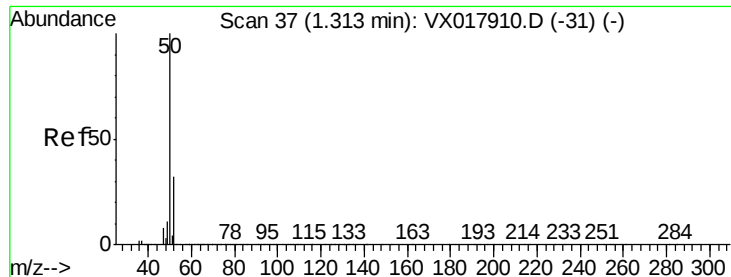
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.172 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017918.D

Acq: 14 Aug 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

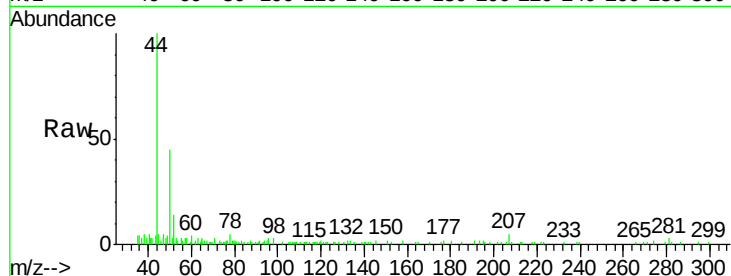
JLTX6

Tgt Ion: 50 Resp: 4156

Ion Ratio Lower Upper

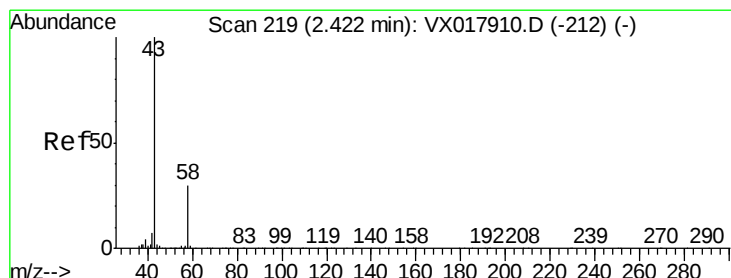
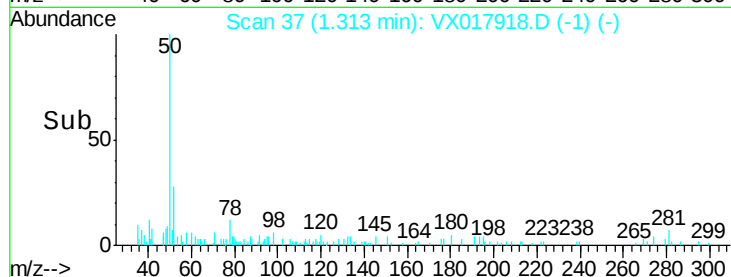
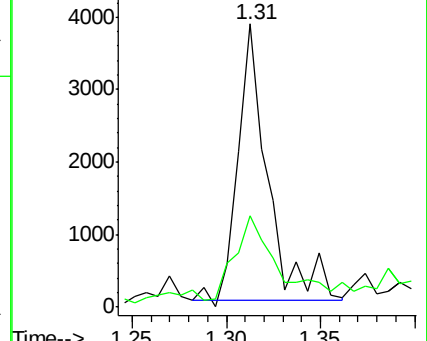
50 100

52 32.1 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#13

Acetone

Concen: 1.610 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017918.D

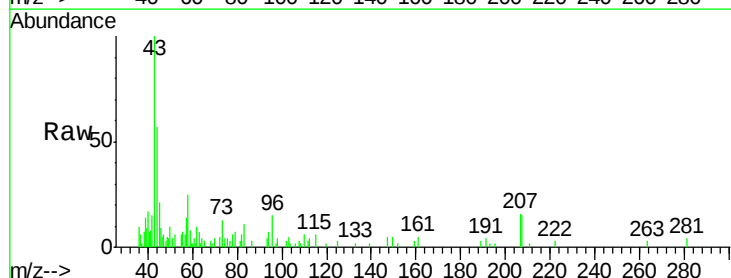
Acq: 14 Aug 2020 23:48

Tgt Ion: 43 Resp: 5506

Ion Ratio Lower Upper

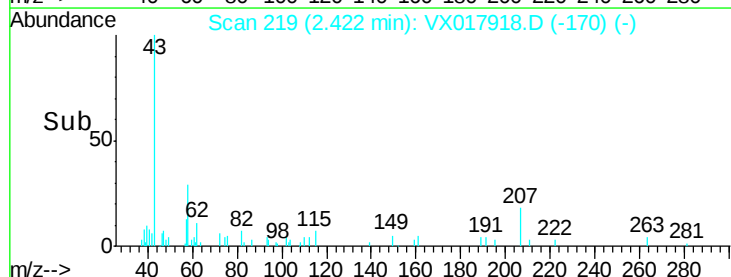
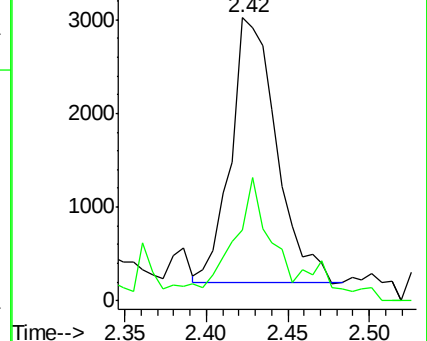
43 100

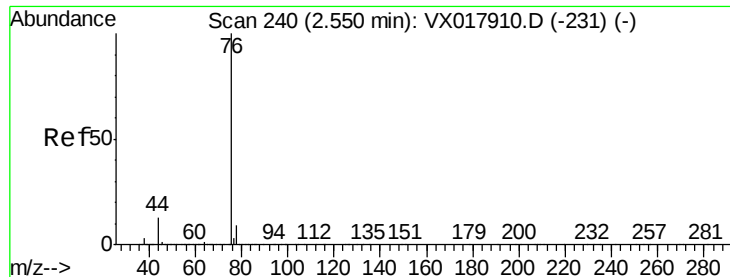
58 30.3 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0





#14

Carbon disulfide

Concen: 0.060 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017918.D

Acq: 14 Aug 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

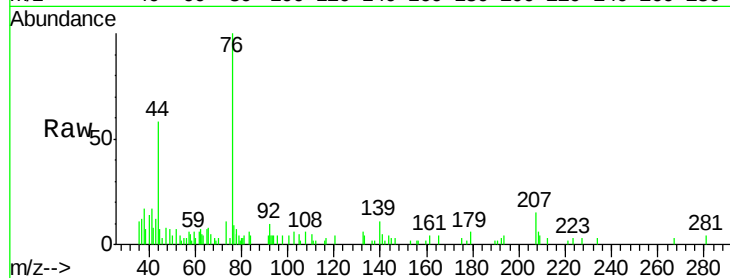
JLTX6

Tgt Ion: 76 Resp: 4221

Ion Ratio Lower Upper

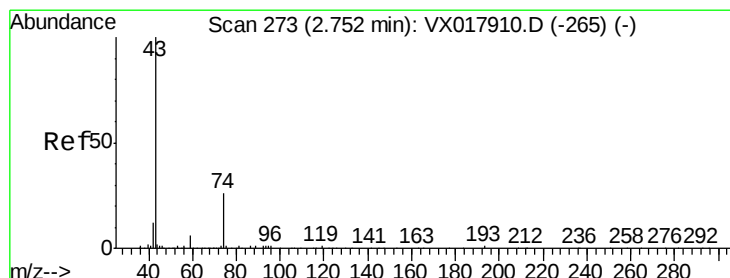
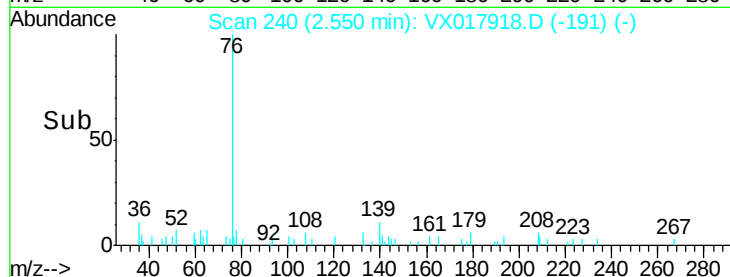
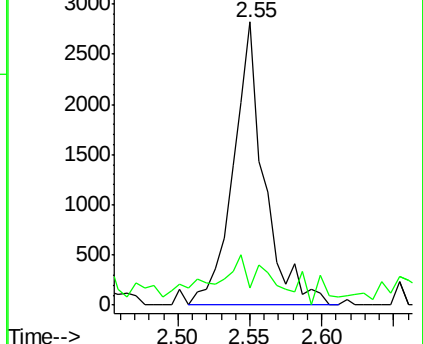
76 100

78 6.2 7.0 10.4#



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0



#15

Methyl Acetate

Concen: 1.712 ug/L

RT: 2.61 min Scan# 250

Delta R.T. -0.14 min

Lab File: VX017918.D

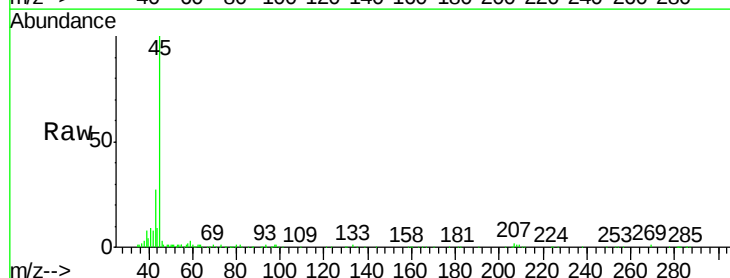
Acq: 14 Aug 2020 23:48

Tgt Ion: 43 Resp: 17261

Ion Ratio Lower Upper

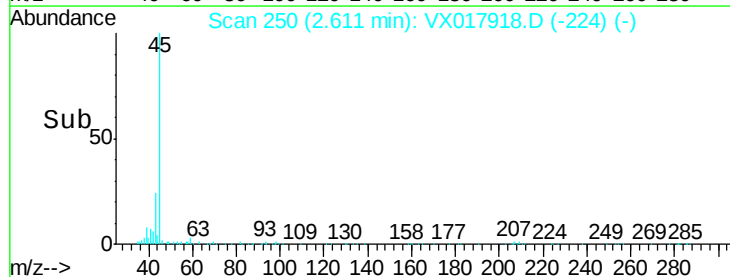
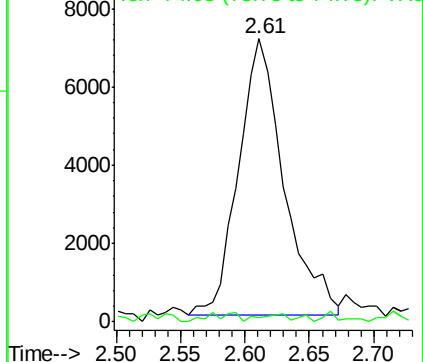
43 100

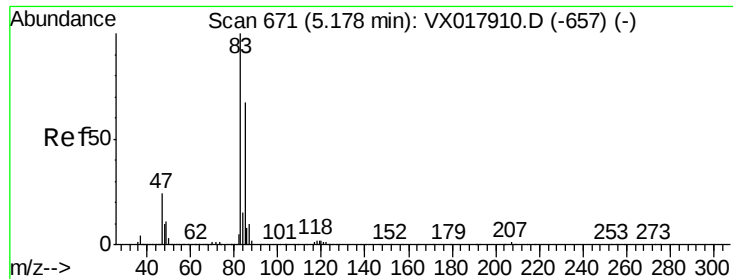
74 2.0 20.4 30.6#



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0





#25

Chloroform

Concen: 0.154 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX017918.D

Acq: 14 Aug 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

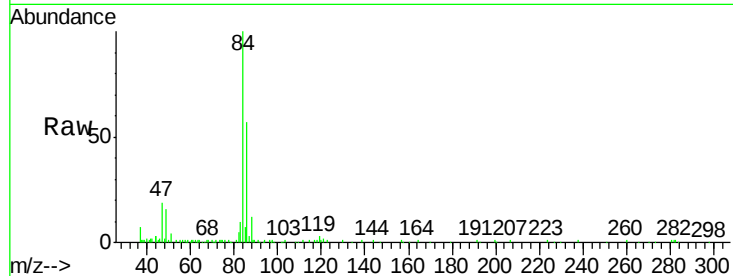
JLTX6

Tgt Ion: 83 Resp: 6581

Ion Ratio Lower Upper

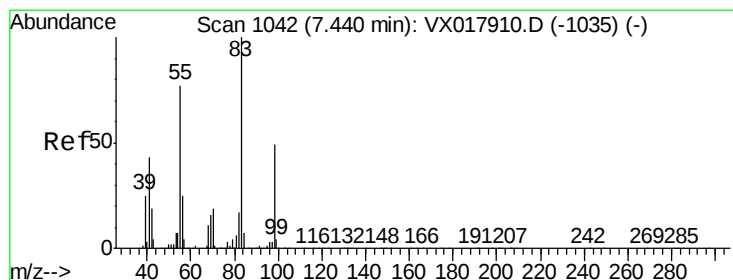
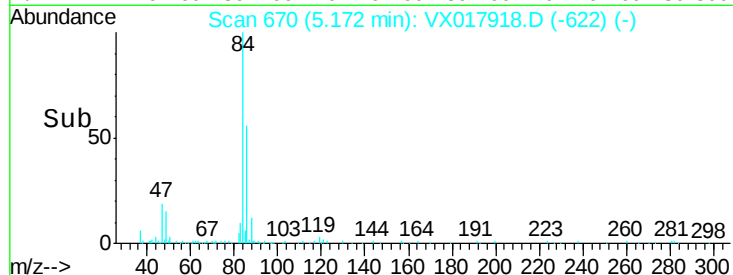
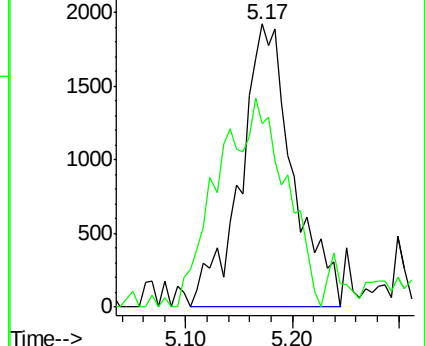
83 100

85 65.1 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0



#35

Methylcyclohexane

Concen: 0.648 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.07 min

Lab File: VX017918.D

Acq: 14 Aug 2020 23:48

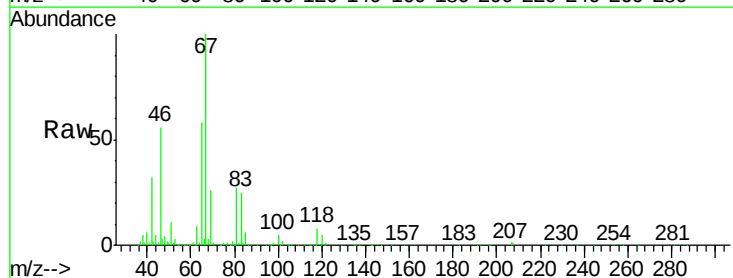
Tgt Ion: 83 Resp: 23283

Ion Ratio Lower Upper

83 100

55 1.6 62.4 93.6#

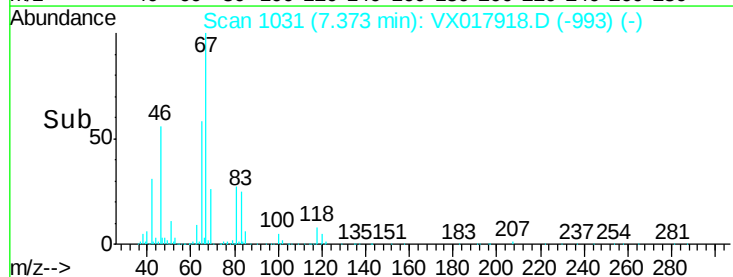
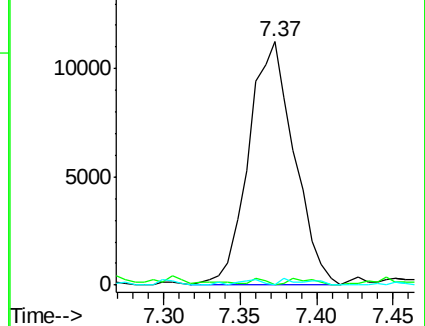
98 1.5 38.0 57.0#

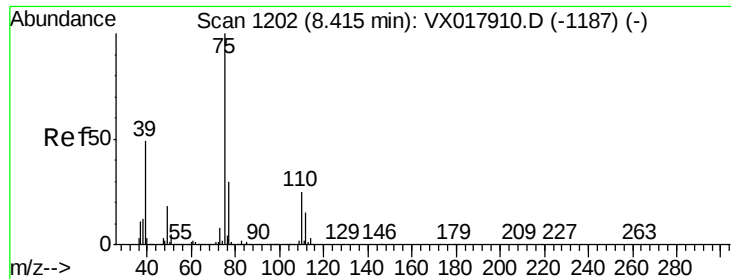


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

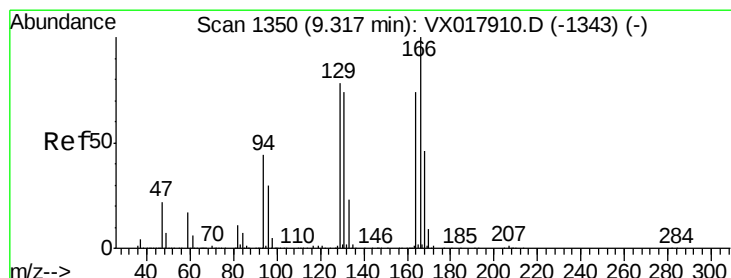
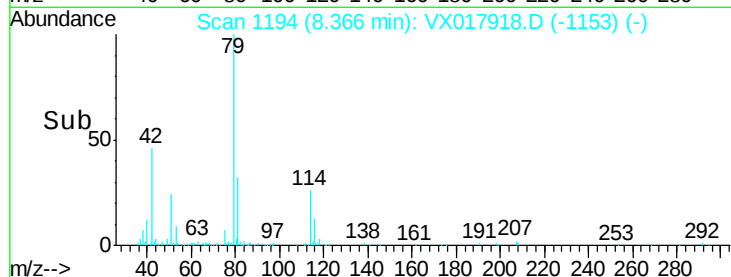
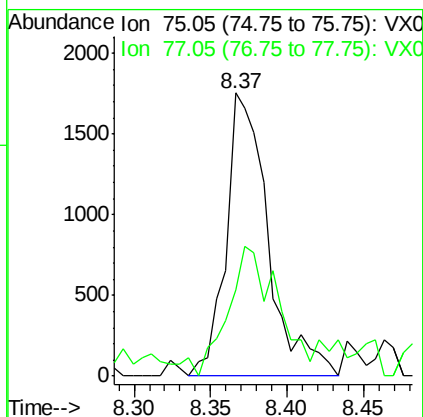
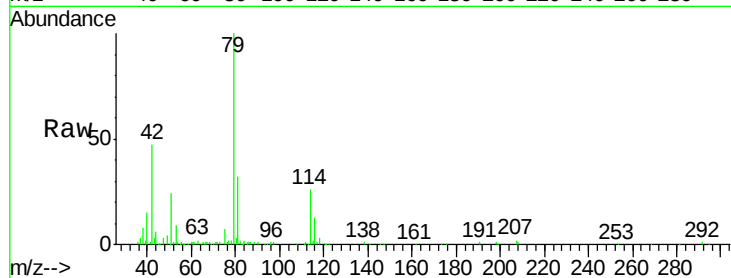




#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 8.37 min Scan# 1194
 Delta R.T. -0.05 min
 Lab File: VX017918.D
 Acq: 14 Aug 2020 23:48

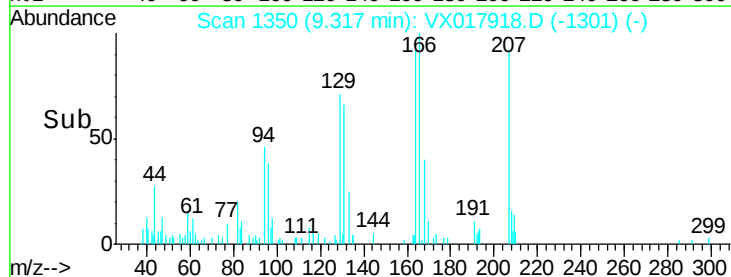
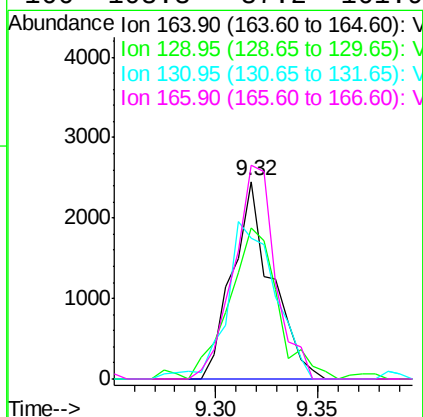
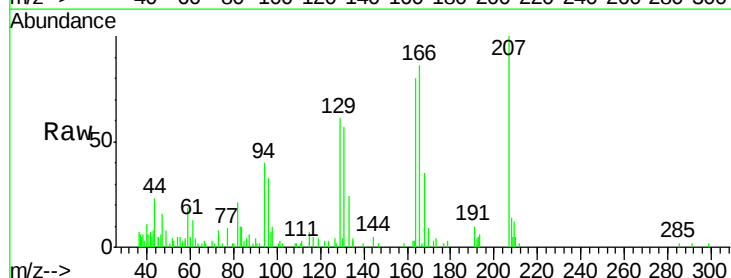
Instrument :
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 JLTx6

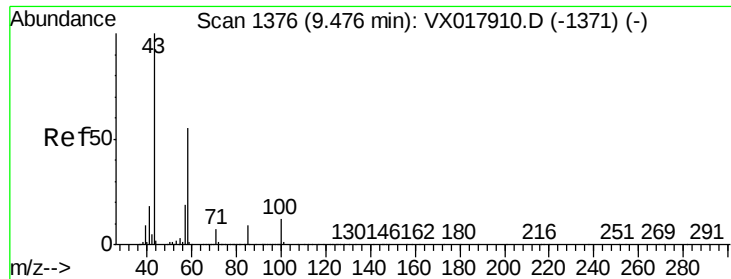
Tgt Ion: 75 Resp: 3333
 Ion Ratio Lower Upper
 75 100
 77 30.4 22.2 41.2



#49
 Tetrachloroethene
 Concen: 0.160 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VX017918.D
 Acq: 14 Aug 2020 23:48

Tgt Ion: 164 Resp: 3280
 Ion Ratio Lower Upper
 164 100
 129 76.4 67.4 125.2
 131 71.6 65.3 121.3
 166 108.3 87.2 161.9





#50

2-Hexanone

Concen: 1.999 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.05 min

Lab File: VX017918.D

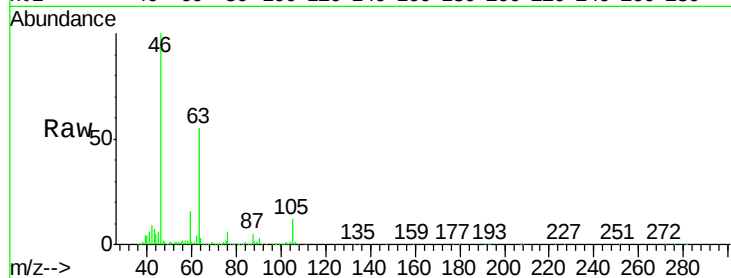
Acq: 14 Aug 2020 23:48

Instrument :

MSVOA_X

ClientSampleId :

JLTX6



Tgt Ion:	43	Resp:	20545
Ion	Ratio	Lower	Upper
43	100		
58	30.3	43.0	64.6#
57	30.5	15.0	22.4#
100	3.2	9.2	13.8#

