

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
 Data File : VX017914.D
 Acq On : 14 Aug 2020 22:09
 Operator : JC/SP
 Sample : L3701-03
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JLTx2

Quant Time: Aug 17 04:19:02 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	279564	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	272071	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	117249	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	86164	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.69	69	74415	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.34	63	132450	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.54	46	261388	50.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.90%
24) Chloroform-d	5.14	84	190570	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	6.03	65	103424	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	6.05	84	354720	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	7.37	67	115905	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	8.70	98	303436	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
45) trans-1,3-Dichloropropene-	8.99	79	43381	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
48) 2-Hexanone-d5	9.43	63	204443	49.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.40%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	83631	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	121701	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

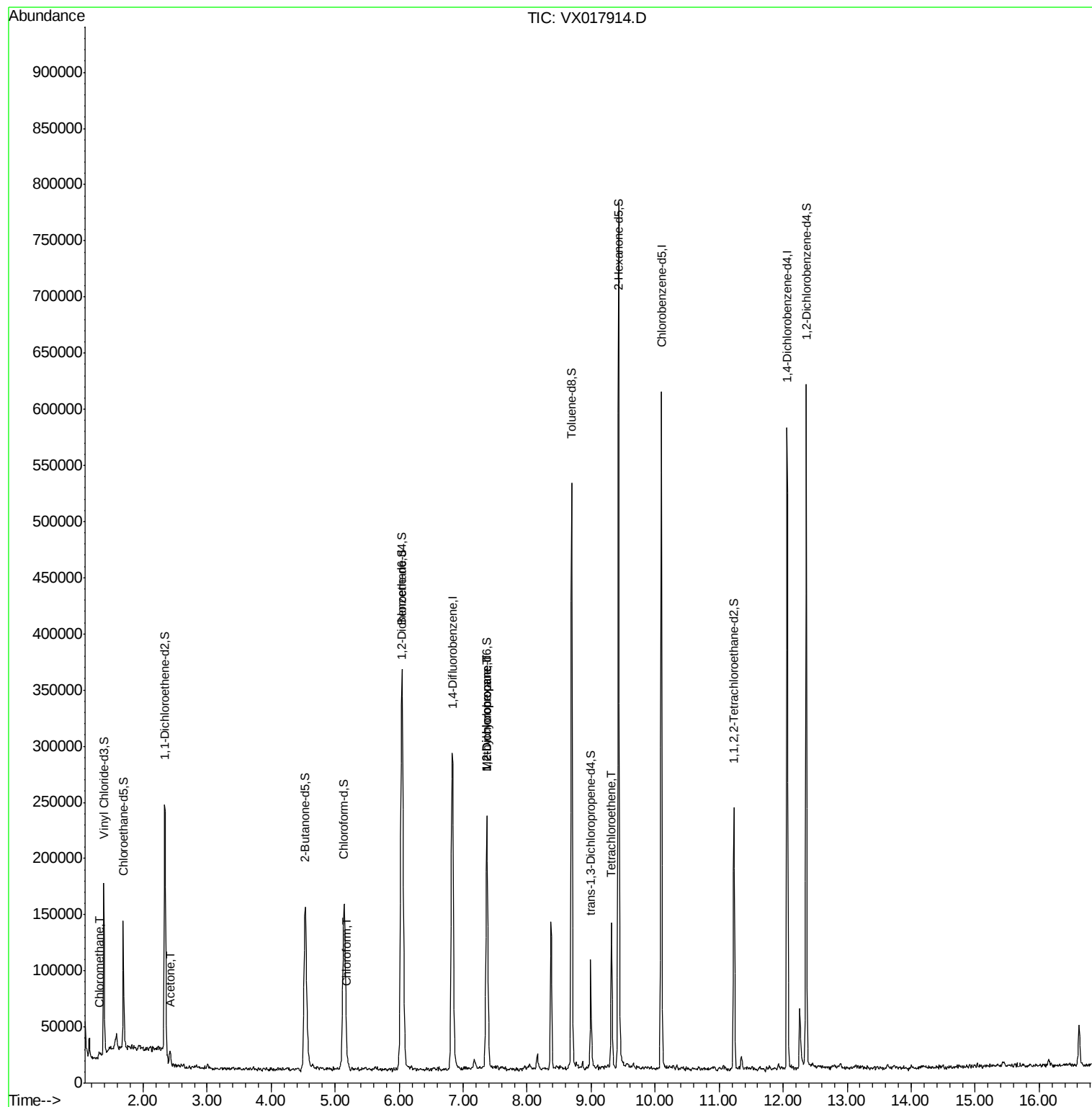
					Qvalue
3) Chloromethane	1.31	50	3160	0.119 ug/L #	70
13) Acetone	2.42	43	12474	3.328 ug/L	96
25) Chloroform	5.18	83	5875	0.126 ug/L	99
35) Methylcyclohexane	7.37	83	28091	0.711 ug/L #	19
37) 1,2-Dichloropropane	7.37	63	12905	0.533 ug/L #	90
49) Tetrachloroethene	9.32	164	26265	1.168 ug/L	95

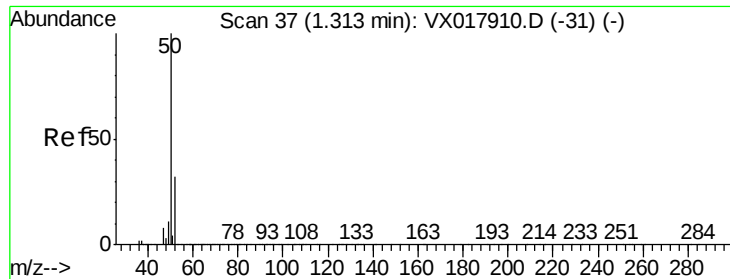
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.119 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017914.D

Acq: 14 Aug 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

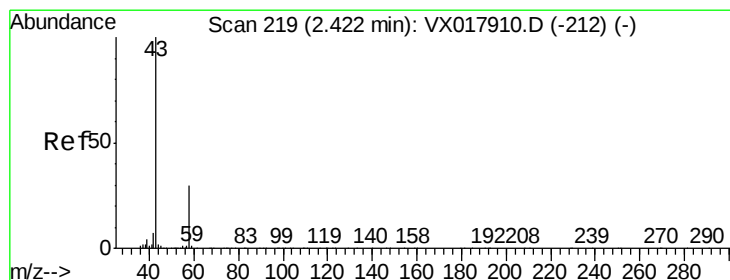
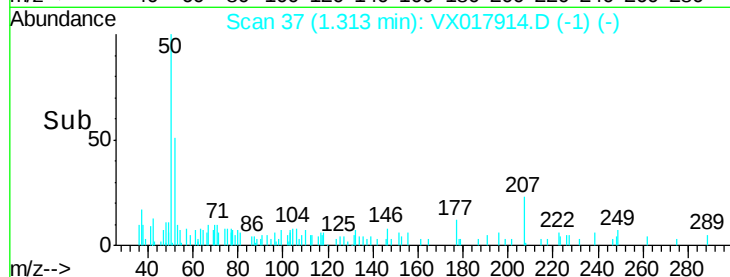
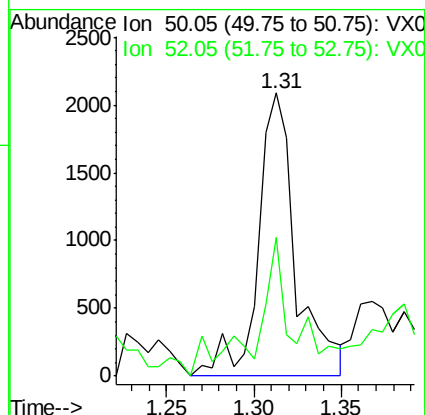
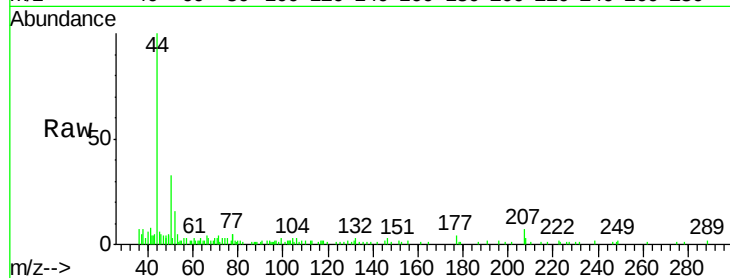
JLTX2

Tgt Ion: 50 Resp: 3160

Ion Ratio Lower Upper

50 100

52 49.1 22.5 41.9#



#13

Acetone

Concen: 3.328 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017914.D

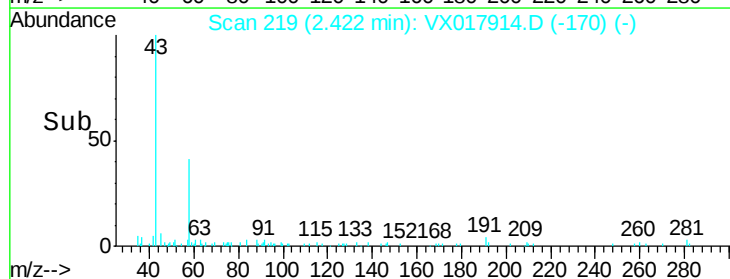
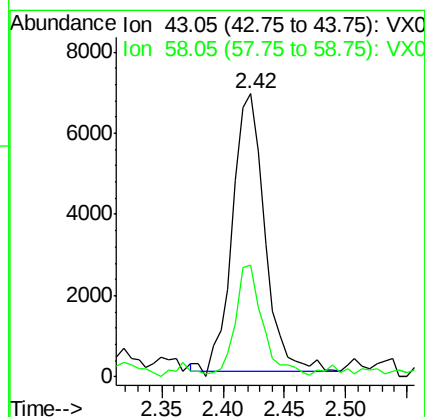
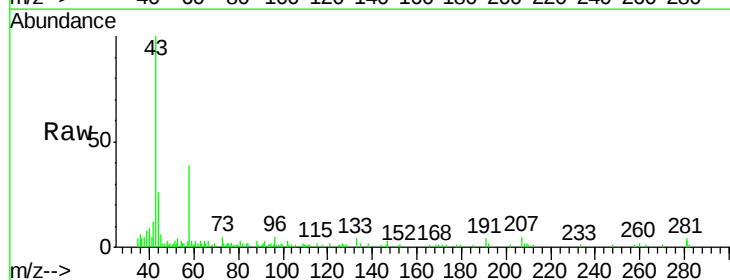
Acq: 14 Aug 2020 22:09

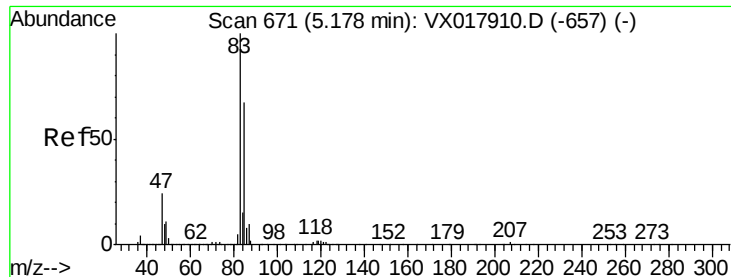
Tgt Ion: 43 Resp: 12474

Ion Ratio Lower Upper

43 100

58 32.5 0.0 60.8





#25

Chloroform

Concen: 0.126 ug/L

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX017914.D

Acq: 14 Aug 2020 22:09

Instrument :

MSVOA_X

ClientSampleId :

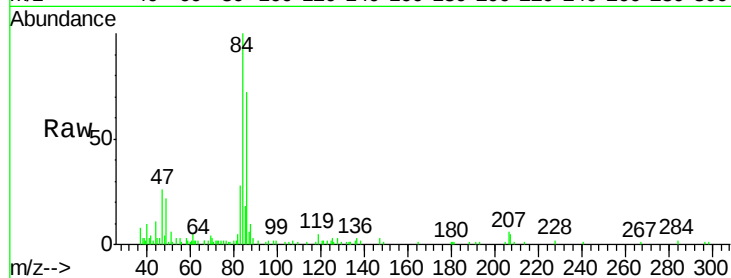
JLTX2

Tgt Ion: 83 Resp: 5875

Ion Ratio Lower Upper

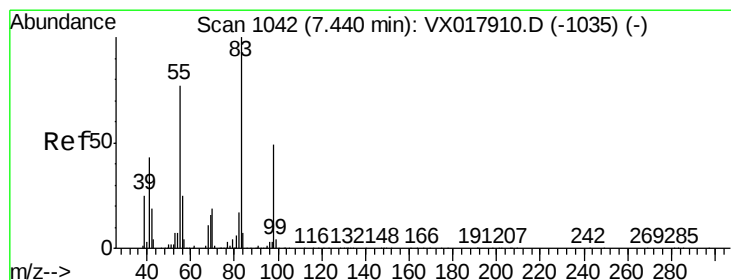
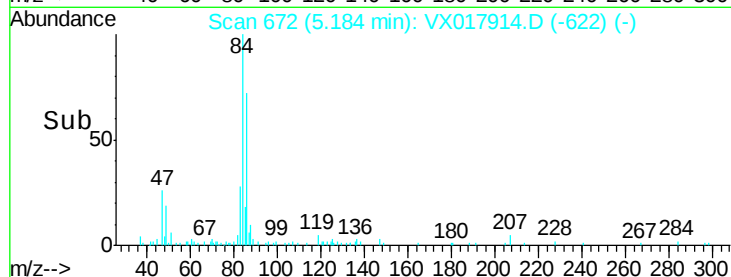
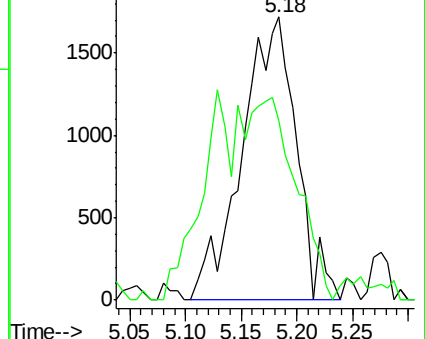
83 100

85 63.4 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: 0.711 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.07 min

Lab File: VX017914.D

Acq: 14 Aug 2020 22:09

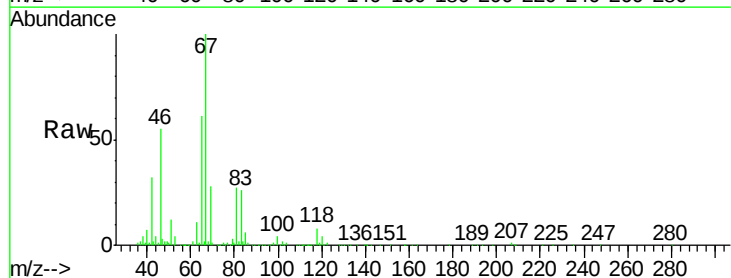
Tgt Ion: 83 Resp: 28091

Ion Ratio Lower Upper

83 100

55 1.0 62.4 93.6#

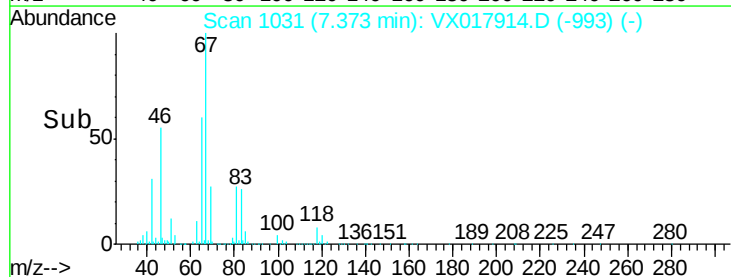
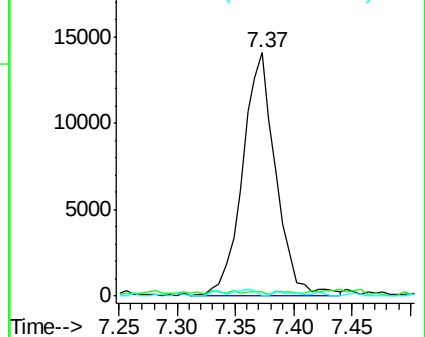
98 1.2 38.0 57.0#

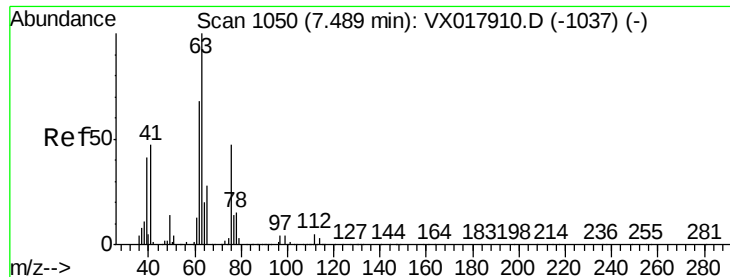


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

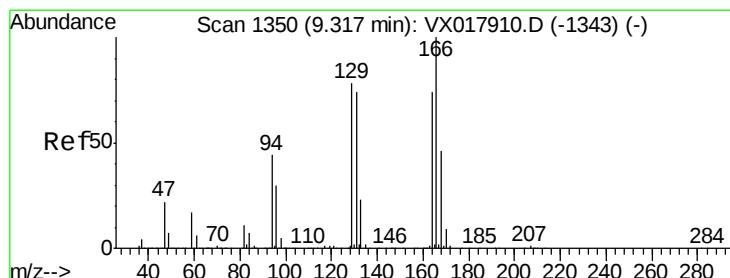
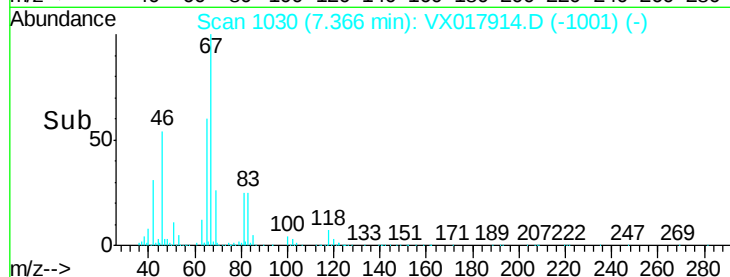
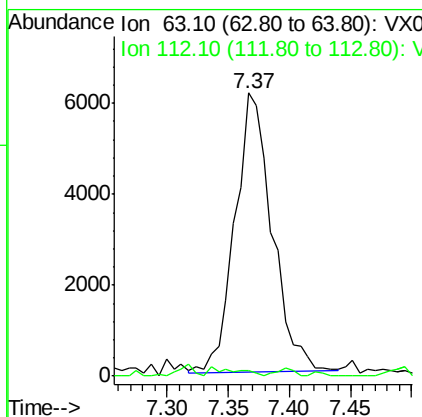
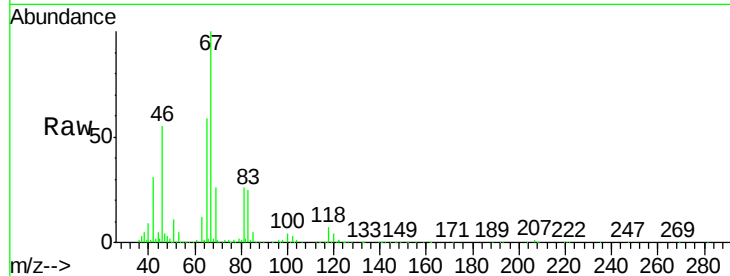




#37
 1,2-Dichloropropane
 Concen: 0.533 ug/L
 RT: 7.37 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VX017914.D
 Acq: 14 Aug 2020 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 JLTx2

Tgt Ion: 63 Resp: 12905
 Ion Ratio Lower Upper
 63 100
 112 1.3 3.6 5.4#



#49
 Tetrachloroethene
 Concen: 1.168 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VX017914.D
 Acq: 14 Aug 2020 22:09

Tgt Ion: 164 Resp: 26265
 Ion Ratio Lower Upper
 164 100
 129 89.7 67.4 125.2
 131 92.2 65.3 121.3
 166 116.5 87.2 161.9

