

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
 Data File : VX017926.D
 Acq On : 15 Aug 2020 03:06
 Operator : JC/SP
 Sample : L3701-15
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JLT4

Quant Time: Aug 17 04:20:42 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	276499	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	268984	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	112608	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	80796	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.69	69	69231	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.34	63	122018	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.53	46	252767	49.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.64%
24) Chloroform-d	5.14	84	178997	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	6.04	65	99377	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	6.05	84	322352	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	7.37	67	107531	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	8.70	98	270365	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
45) trans-1,3-Dichloropropene-	8.99	79	37351	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
48) 2-Hexanone-d5	9.43	63	182283	44.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.74%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	78025	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	109842	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

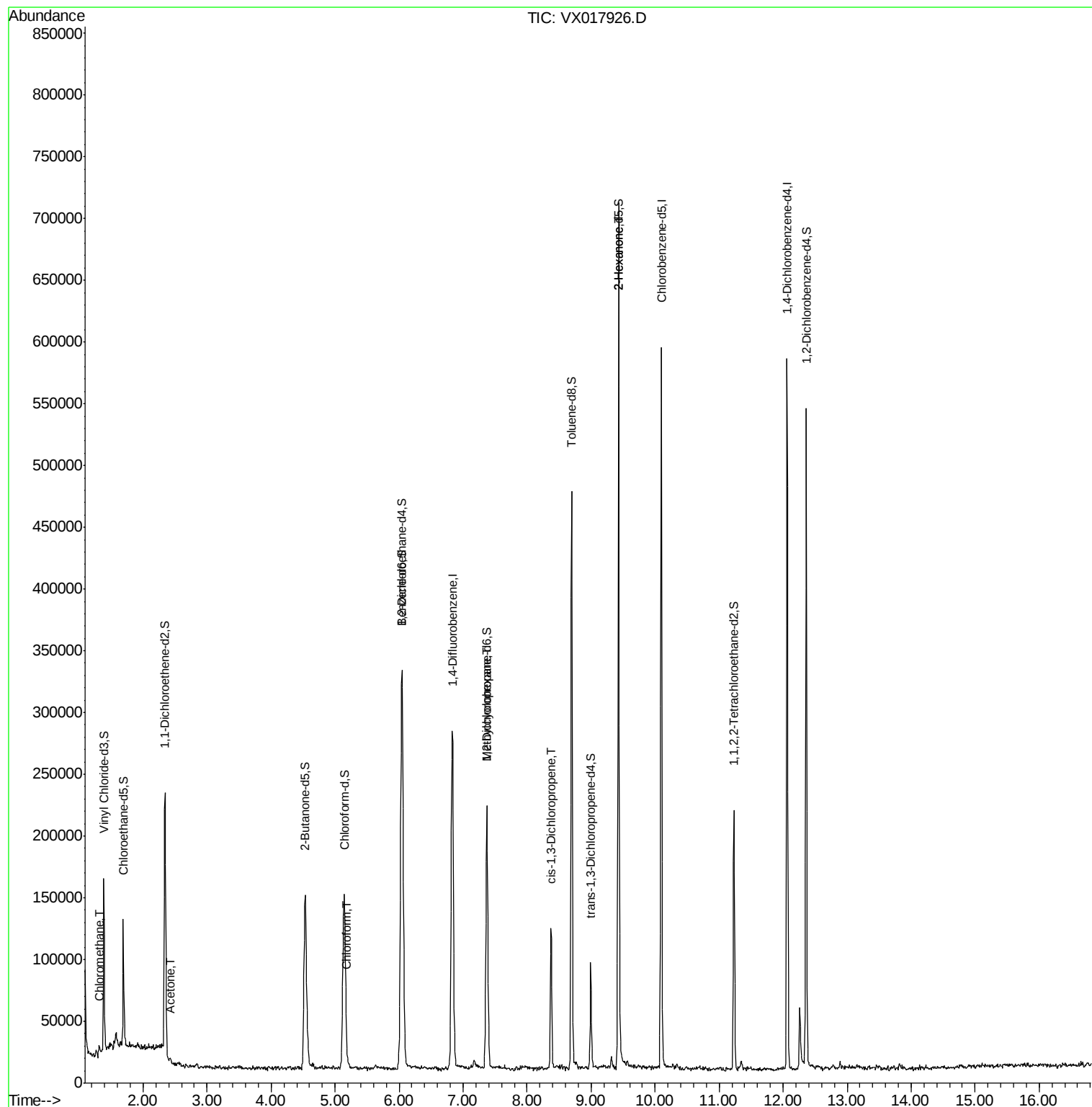
					Qvalue
3) Chloromethane	1.31	50	4681	0.178 ug/L	96
13) Acetone	2.42	43	4755	1.283 ug/L	84
25) Chloroform	5.18	83	5380	0.116 ug/L	89
35) Methylcyclohexane	7.37	83	26709	0.683 ug/L #	19
39) cis-1,3-Dichloropropene	8.37	75	3186	0.086 ug/L	91
50) 2-Hexanone	9.43	43	24946	2.232 ug/L #	72

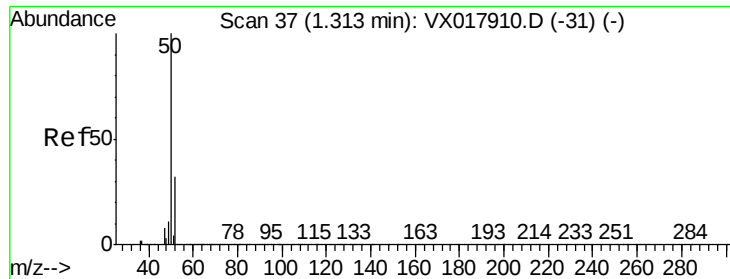
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.178 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017926.D

Acq: 15 Aug 2020 03:06

Instrument :

MSVOA_X

ClientSampleId :

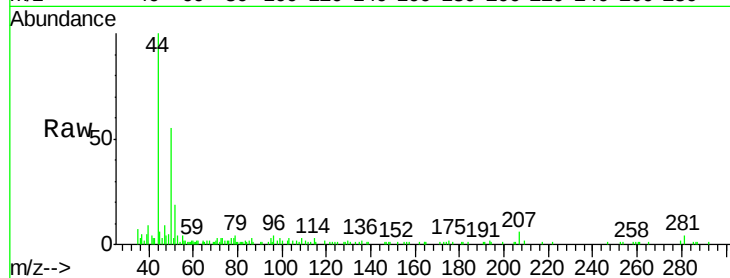
JLTY4

Tgt Ion: 50 Resp: 4681

Ion Ratio Lower Upper

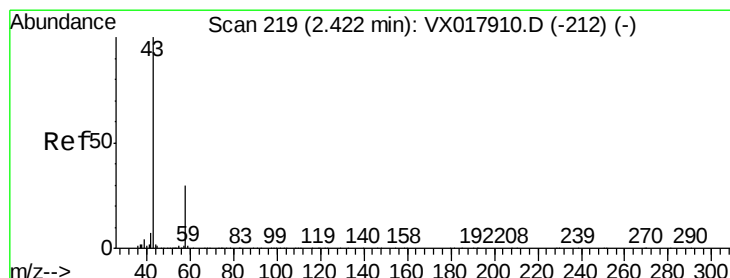
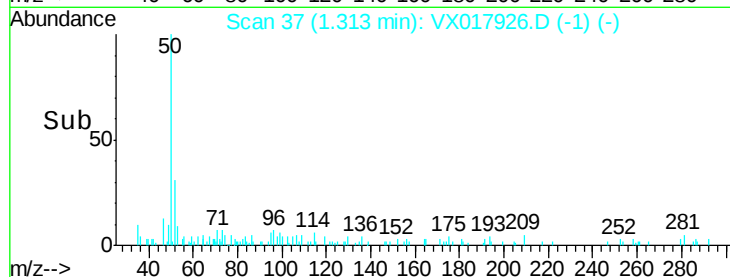
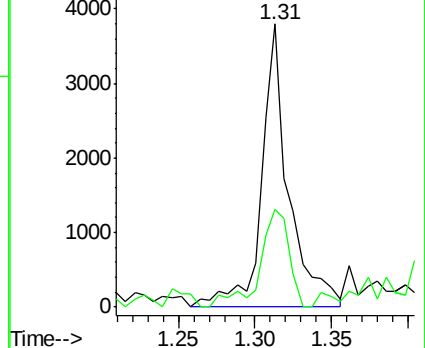
50 100

52 34.6 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: 1.283 ug/L

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017926.D

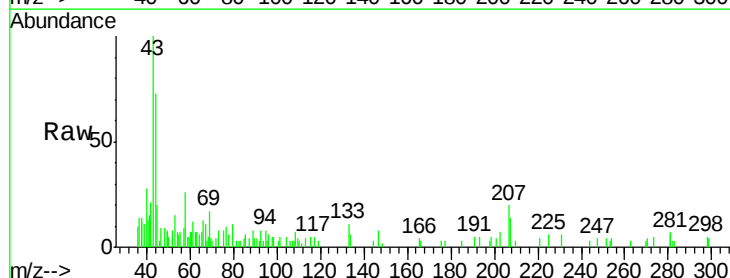
Acq: 15 Aug 2020 03:06

Tgt Ion: 43 Resp: 4755

Ion Ratio Lower Upper

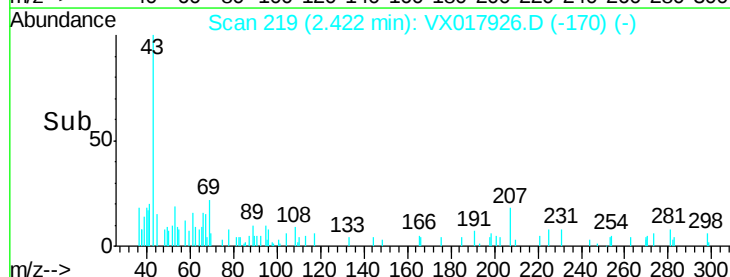
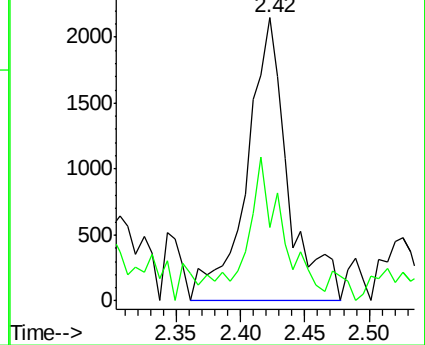
43 100

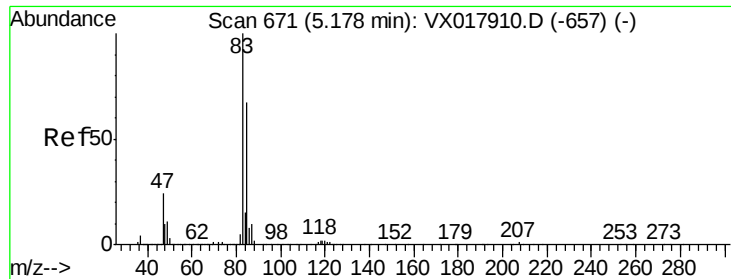
58 39.2 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0





#25

Chloroform

Concen: 0.116 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017926.D

Acq: 15 Aug 2020 03:06

Instrument :

MSVOA_X

ClientSampleId :

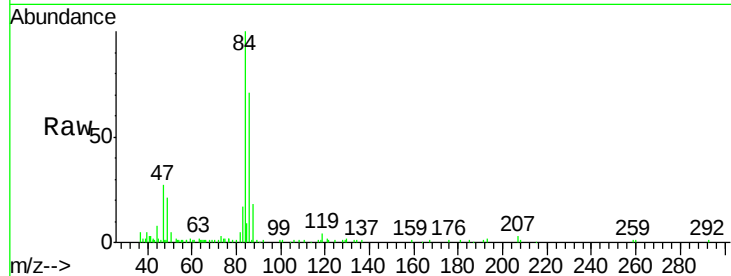
JLTY4

Tgt Ion: 83 Resp: 5380

Ion Ratio Lower Upper

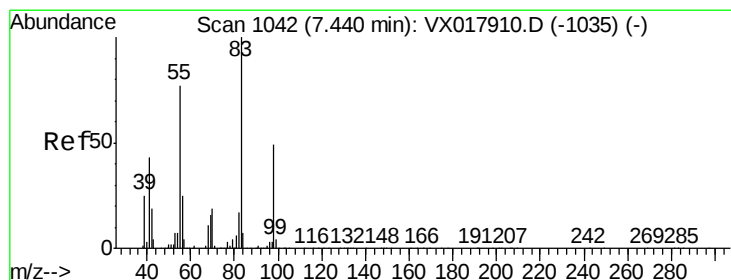
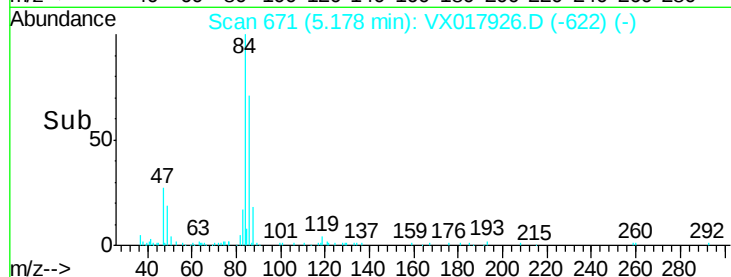
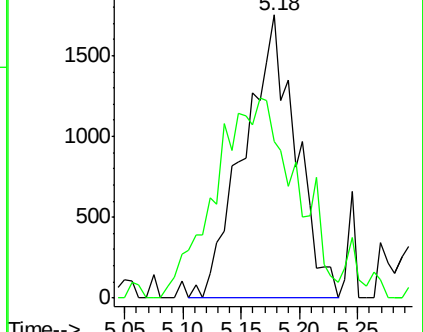
83 100

85 55.5 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: 0.683 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.07 min

Lab File: VX017926.D

Acq: 15 Aug 2020 03:06

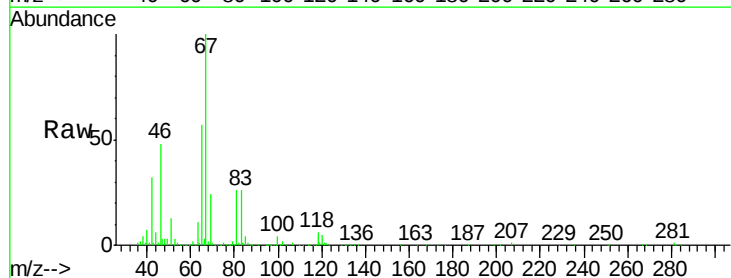
Tgt Ion: 83 Resp: 26709

Ion Ratio Lower Upper

83 100

55 1.7 62.4 93.6#

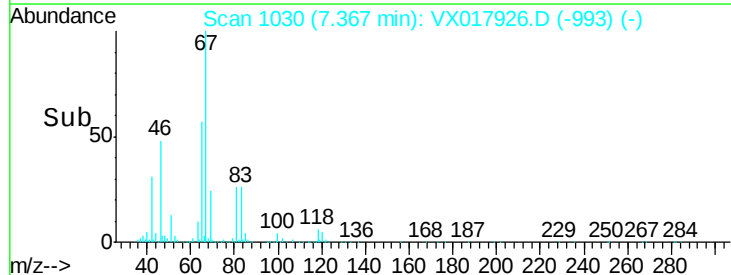
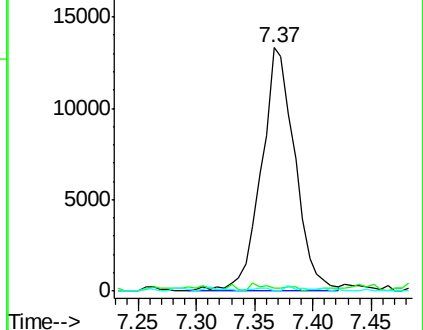
98 0.6 38.0 57.0#

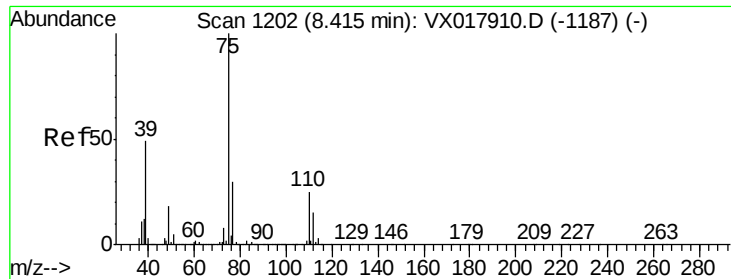


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 8.37 min Scan# 1195

Delta R.T. -0.04 min

Lab File: VX017926.D

Acq: 15 Aug 2020 03:06

Instrument :

MSVOA_X

ClientSampled :

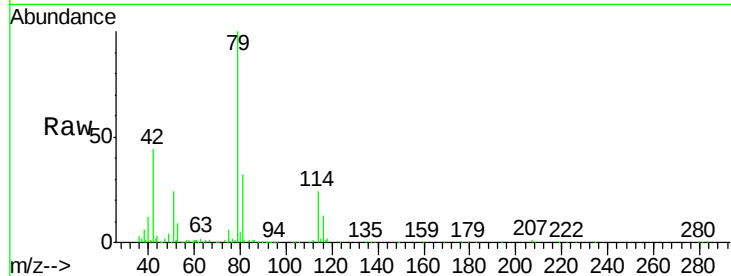
JLTY4

Tgt Ion: 75 Resp: 3186

Ion Ratio Lower Upper

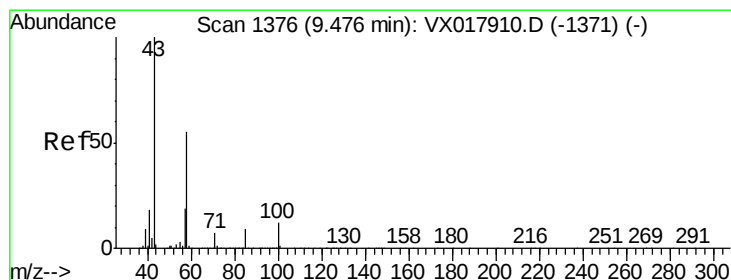
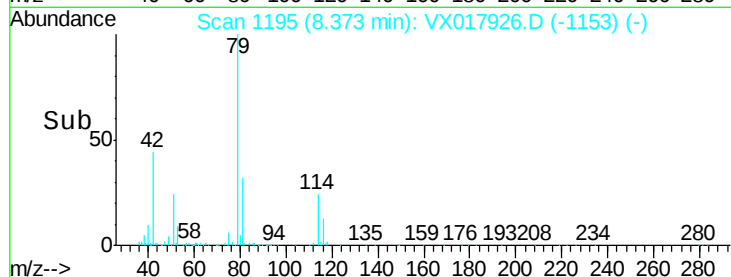
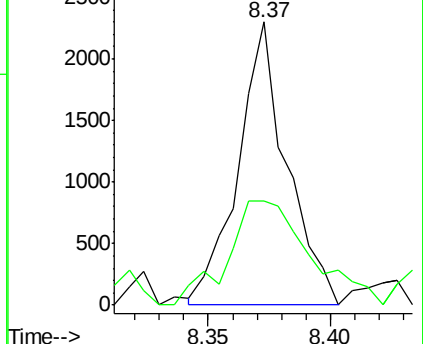
75 100

77 37.0 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0



#50

2-Hexanone

Concen: 2.232 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.05 min

Lab File: VX017926.D

Acq: 15 Aug 2020 03:06

Tgt Ion: 43 Resp: 24946

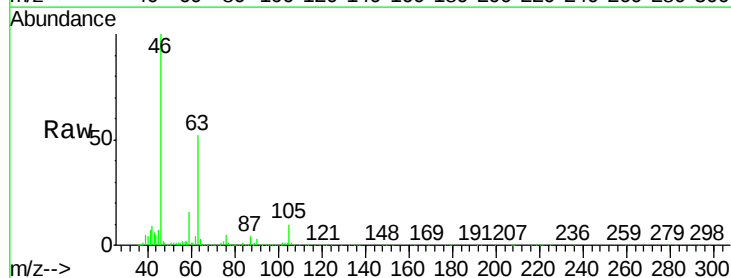
Ion Ratio Lower Upper

43 100

58 33.3 43.0 64.6#

57 31.8 15.0 22.4#

100 3.6 9.2 13.8#



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 57.20 (56.90 to 57.90): VX0

Ion 100.15 (99.85 to 100.85): VX0

