

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081020\
 Data File : VX017853.D
 Acq On : 10 Aug 2020 16:29
 Operator : JC/SP
 Sample : L3600-15
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAYB5

Quant Time: Aug 11 07:16:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 11 07:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	286646	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	277839	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	129027	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	77949	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.69	69	75634	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.34	63	120901	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.54	46	333747	63.45	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.90%
24) Chloroform-d	5.15	84	201630	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	6.04	65	118674	5.37	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	6.05	84	348411	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	7.37	67	120066	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	8.70	98	285275	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
45) trans-1,3-Dichloropropene-	8.99	79	47786	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
48) 2-Hexanone-d5	9.43	63	260440	61.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.74%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	97510	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	136059	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

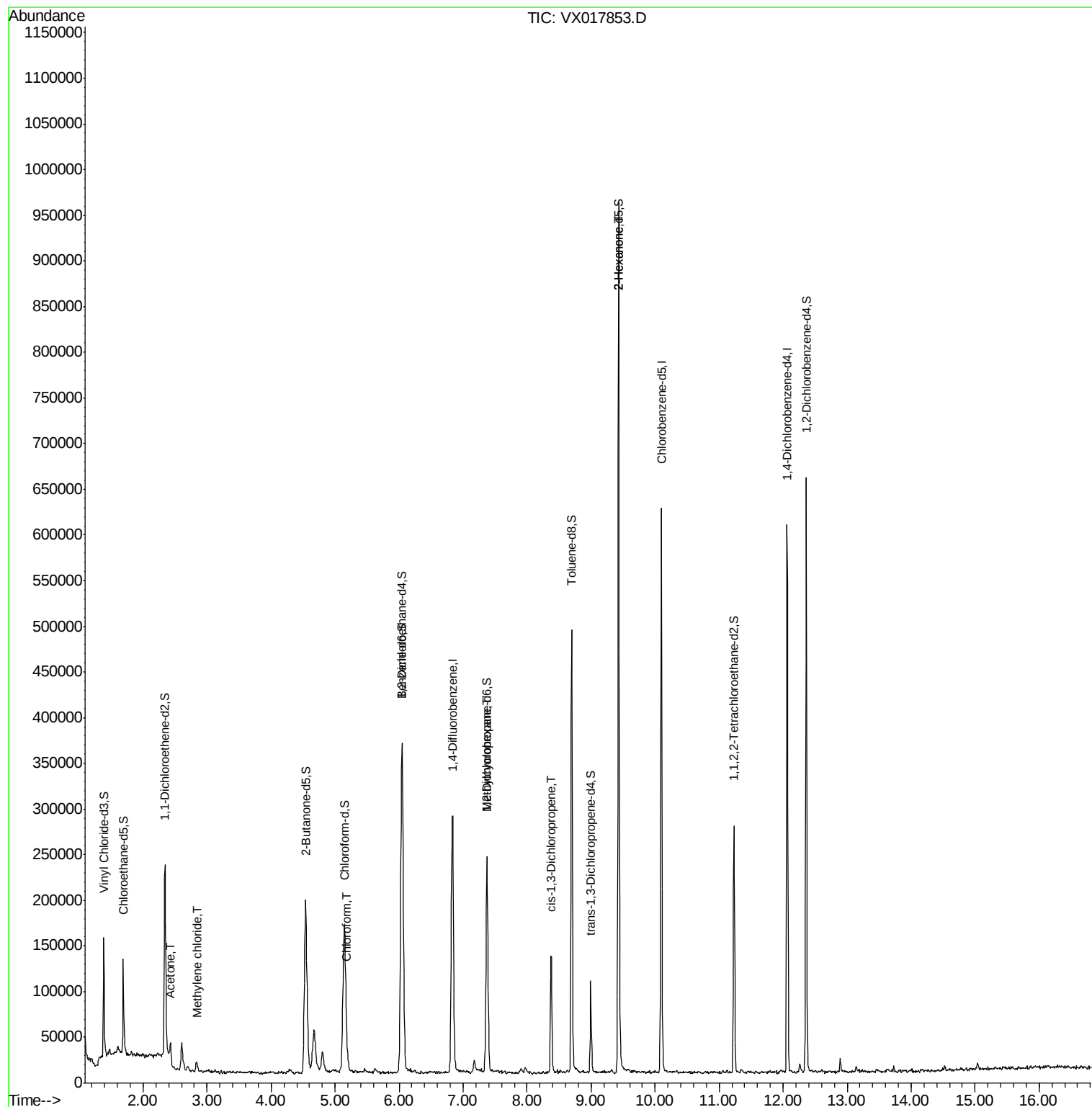
					Ovalue
13) Acetone	2.42	43	27232	7.086	ug/L 96
16) Methylene chloride	2.83	84	6133	0.202	ug/L 80
25) Chloroform	5.18	83	27777	0.580	ug/L 99
35) Methylcyclohexane	7.37	83	28467	0.705	ug/L # 21
39) cis-1,3-Dichloropropene	8.38	75	3948	0.104	ug/L 95
50) 2-Hexanone	9.43	43	32279	2.796	ug/L # 71

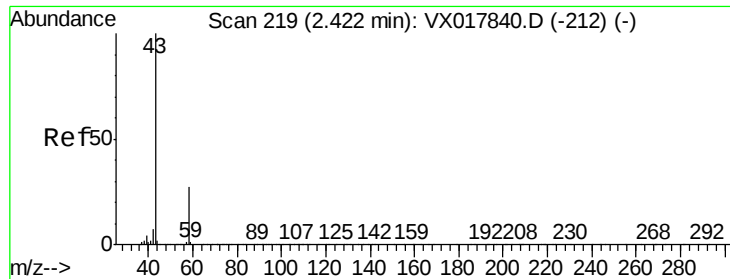
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.086 ug/L

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017853.D

Acq: 10 Aug 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

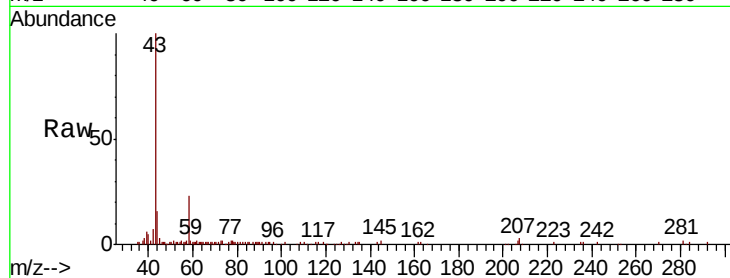
GAYB5

Tot Ion: 43 Resp: 27232

Ion Ratio Lower Upper

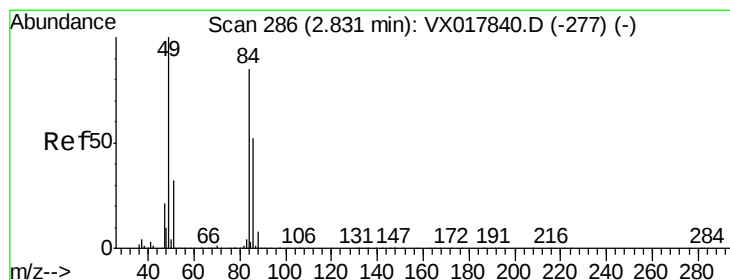
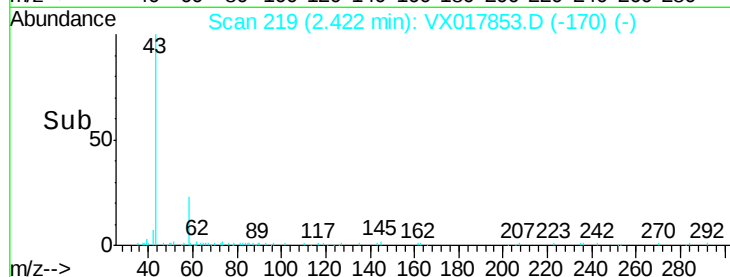
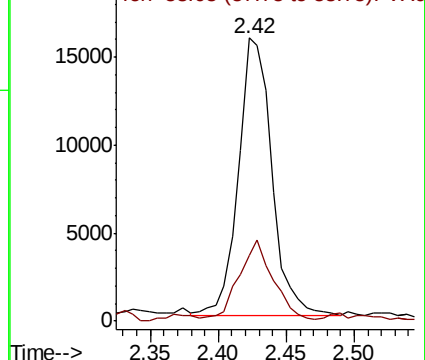
43 100

58 28.4 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#16

Methylene chloride

Concen: 0.202 ug/L

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX017853.D

Acq: 10 Aug 2020 16:29

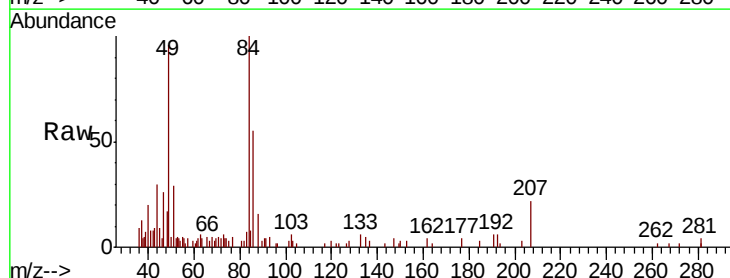
Tgt Ion: 84 Resp: 6133

Ion Ratio Lower Upper

84 100

86 54.5 43.0 80.0

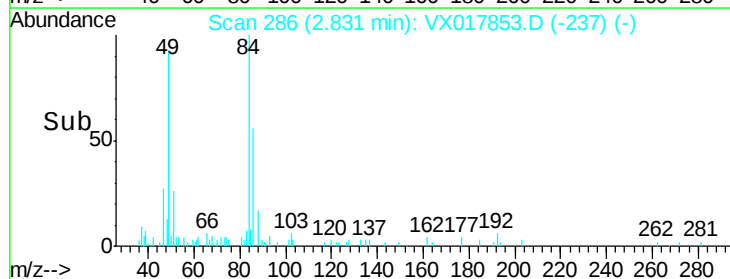
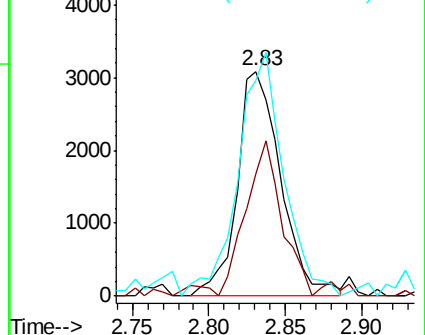
49 95.5 86.9 161.3

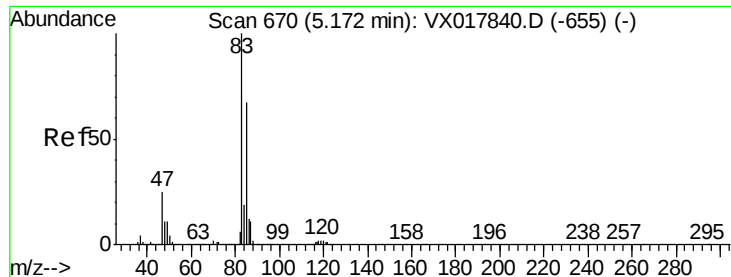


Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0





#25

Chloroform

Concen: 0.580 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX017853.D

Acq: 10 Aug 2020 16:29

Instrument :

MSVOA_X

ClientSampled :

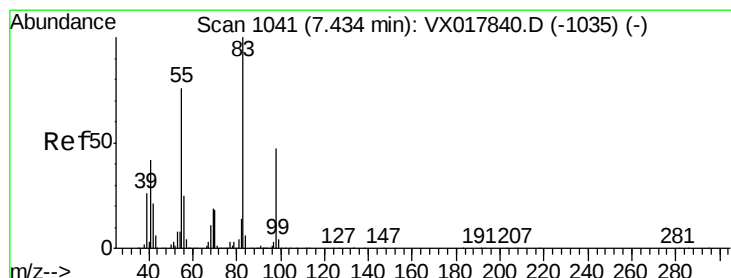
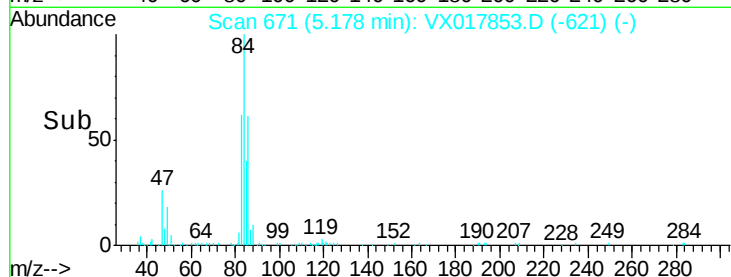
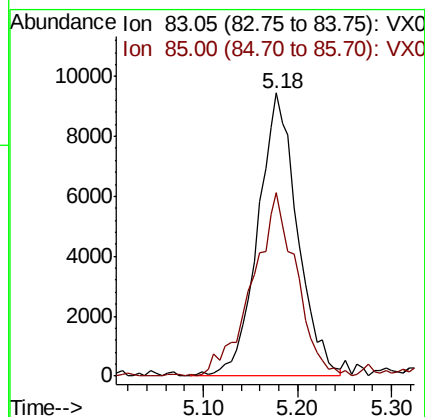
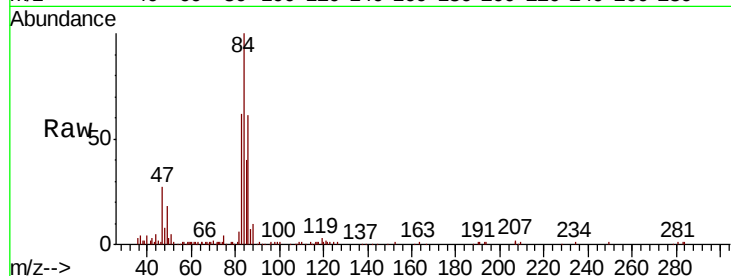
GAYB5

Tot Ion: 83 Resp: 27777

Ion Ratio Lower Upper

83 100

85 64.8 44.7 83.1



#35

Methylcyclohexane

Concen: 0.705 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.06 min

Lab File: VX017853.D

Acq: 10 Aug 2020 16:29

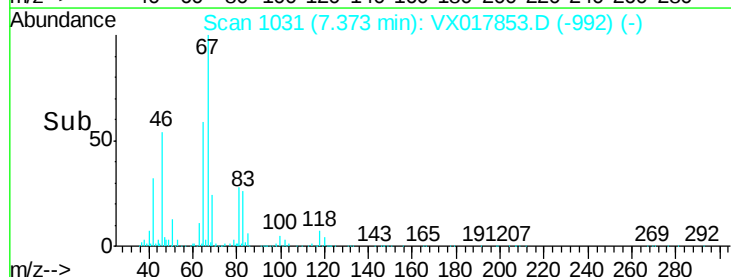
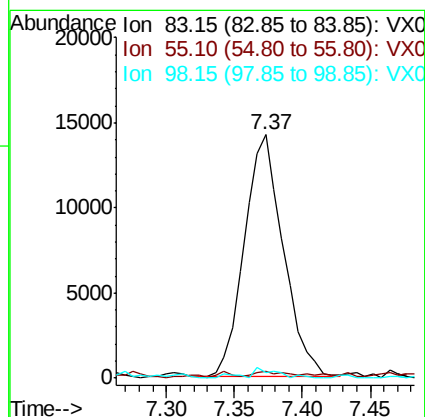
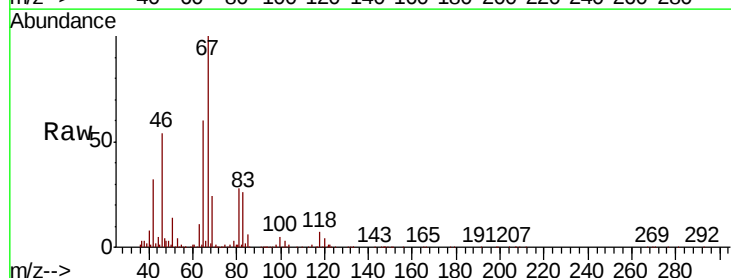
Tgt Ion: 83 Resp: 28467

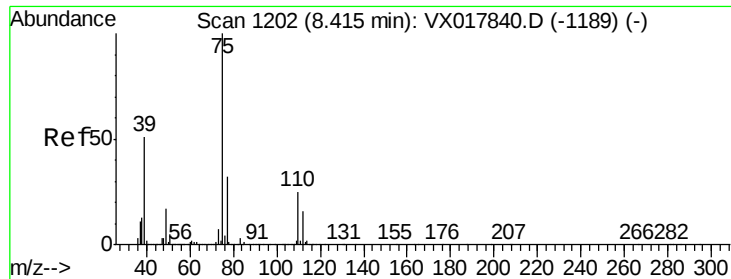
Ion Ratio Lower Upper

83 100

55 2.6 62.4 93.6#

98 2.1 38.0 57.0#





#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 8.38 min Scan# 1197

Delta R.T. -0.03 min

Lab File: VX017853.D

Acq: 10 Aug 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

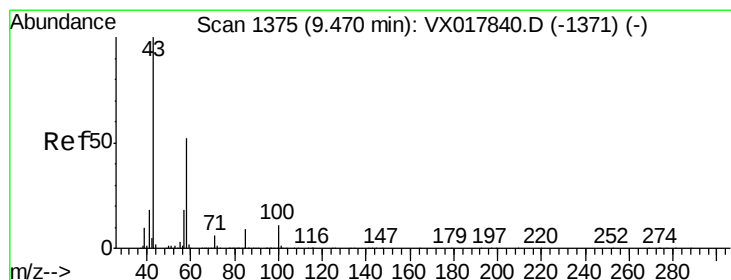
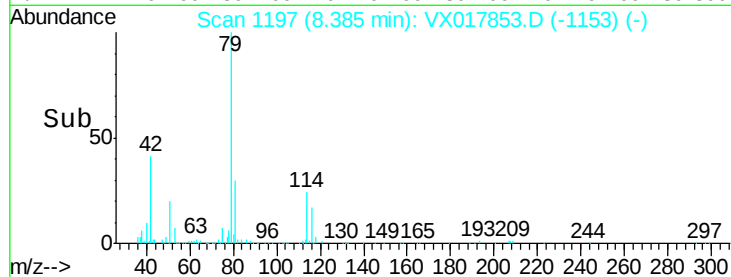
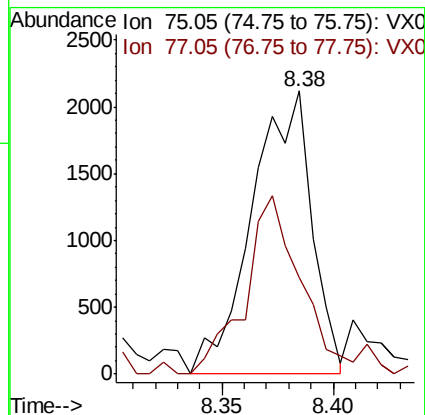
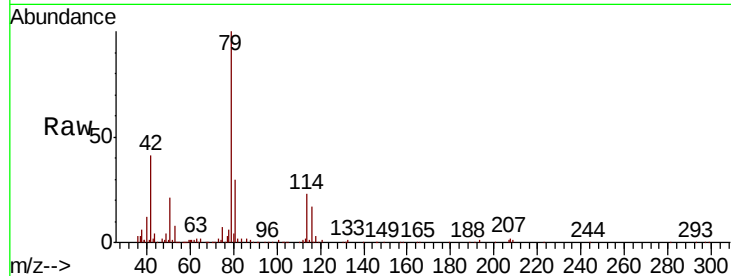
GAYB5

Tot Ion: 75 Resp: 3948

Ion Ratio Lower Upper

75 100

77 34.3 22.2 41.2



#50

2-Hexanone

Concen: 2.796 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VX017853.D

Acq: 10 Aug 2020 16:29

Tgt Ion: 43 Resp: 32279

Ion Ratio Lower Upper

43 100

58 29.5 43.0 64.6#

57 26.5 15.0 22.4#

100 2.5 9.2 13.8#

