

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070720\
 Data File : VU039331.D
 Acq On : 07 Jul 2020 21:51
 Operator : SY/MD
 Sample : L3193-04DL 2X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4280DL

Quant Time: Jul 08 02:36:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:44:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	113780	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	103277	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48492	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37847	5.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.80%
7) Chloroethane-d5	1.93	69	37844	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.58	63	55826	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.00%
20) 2-Butanone-d5	4.65	46	171574	56.86	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.72%
24) Chloroform-d	5.09	84	79032	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
26) 1,2-Dichloroethane-d4	5.72	65	48528	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.75	84	156881	6.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	126.20%#
36) 1,2-Dichloropropane-d6	6.71	67	54121	6.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	124.00%
41) Toluene-d8	7.91	98	139120	6.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.00%
43) trans-1,3-Dichloropropene-	8.19	79	21448	5.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.20%
46) 2-Hexanone-d5	8.64	63	127571	55.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.50%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	47828	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	54545	6.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.00%#

Target Compounds

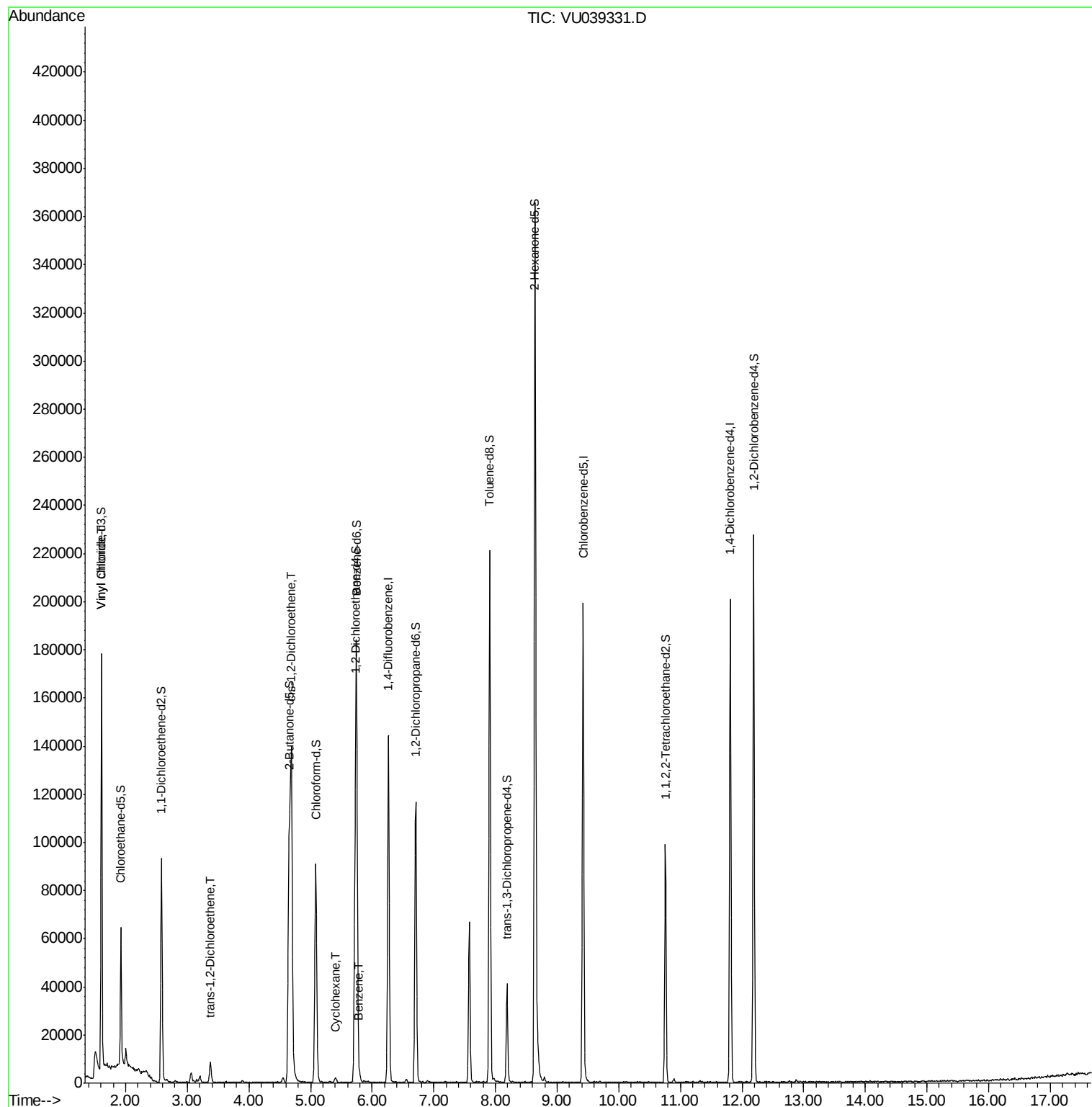
					Ovalue
5) Vinyl chloride	1.61	62	78694	8.482 ug/L	97
18) trans-1,2-Dichloroethene	3.38	96	2454	0.328 ug/L	94
22) cis-1,2-Dichloroethene	4.69	96	53142	6.326 ug/L	99
30) Cyclohexane	5.41	56	918	0.072 ug/L #	81
33) Benzene	5.79	78	3064	0.099 ug/L	100

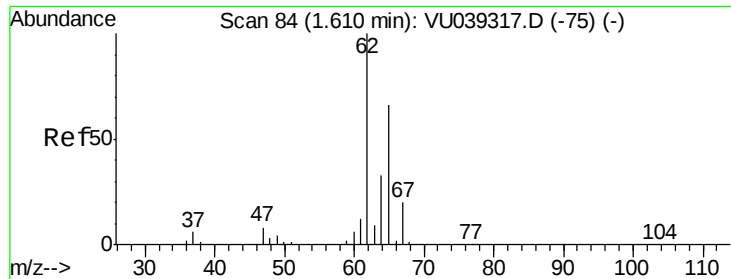
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
Data File : VU039331.D
Acq On : 07 Jul 2020 21:51
Operator : SY/MD
Sample : L3193-04DL 2X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4280DL

Quant Time: Jul 08 02:36:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 08 01:44:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.482 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039331.D

Acq: 07 Jul 2020 21:51

Instrument :

MSVOA_U

ClientSampled :

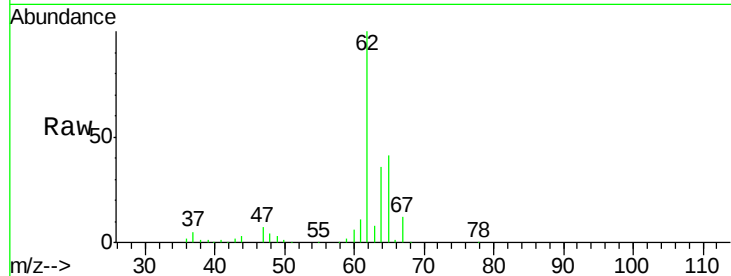
H4280DL

Tot Ion: 62 Resp: 78694

Ion Ratio Lower Upper

62 100

64 35.7 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

80000

60000

40000

20000

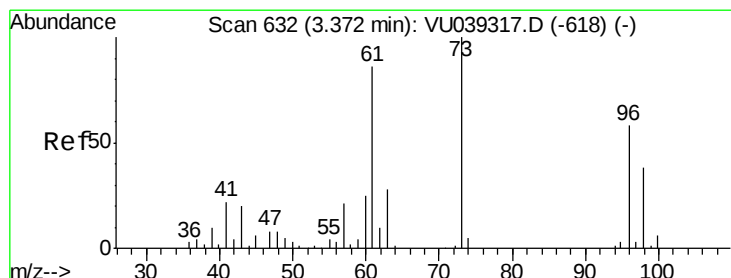
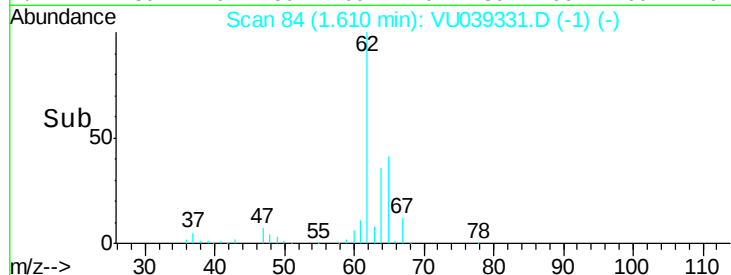
0

Time-->

1.55

1.60

1.65



#18

trans-1,2-Dichloroethene

Concen: 0.328 ug/L

RT: 3.38 min Scan# 634

Delta R.T. 0.01 min

Lab File: VU039331.D

Acq: 07 Jul 2020 21:51

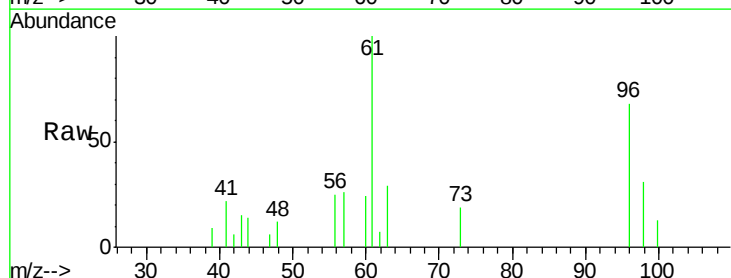
Tgt Ion: 96 Resp: 2454

Ion Ratio Lower Upper

96 100

61 146.5 102.1 189.5

98 45.9 42.5 78.9



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0

2500

2000

1500

1000

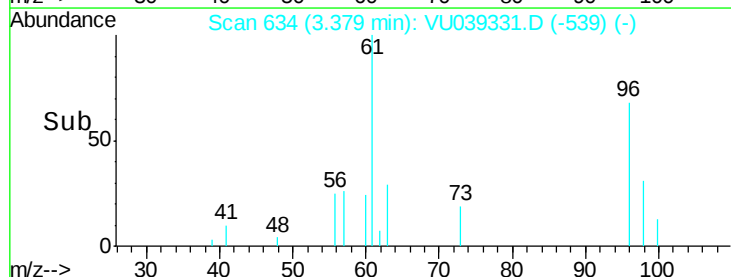
500

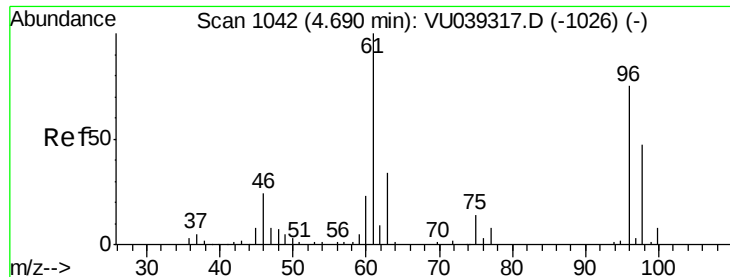
0

Time-->

3.35

3.40





#22

cis-1,2-Dichloroethene

Concen: 6.326 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VU039331.D

Acq: 07 Jul 2020 21:51

Instrument :

MSVOA_U

ClientSampleId :

H4280DL

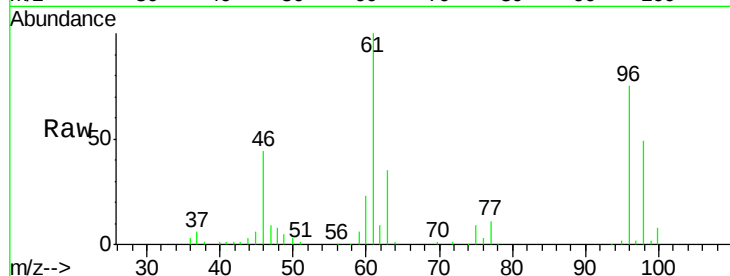
Tot Ion: 96 Resp: 53142

Ion Ratio Lower Upper

96 100

61 133.4 92.8 172.4

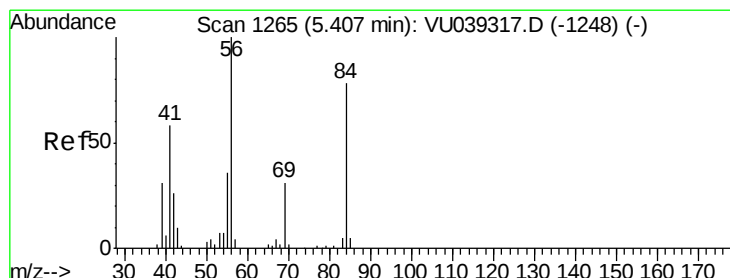
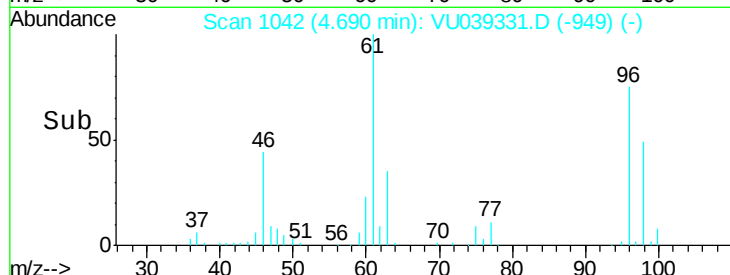
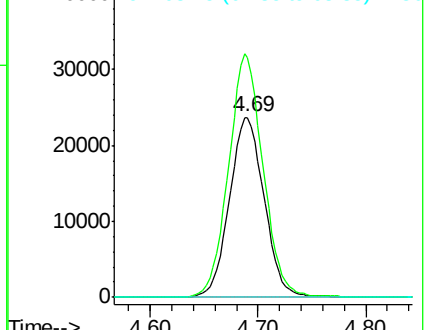
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039331.D (-1026) (-)

Ion 61.05 (60.75 to 61.75): VU039331.D (-1026) (-)

Ion 68.15 (67.85 to 68.85): VU039331.D (-1026) (-)



#30

Cyclohexane

Concen: 0.072 ug/L

RT: 5.41 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VU039331.D

Acq: 07 Jul 2020 21:51

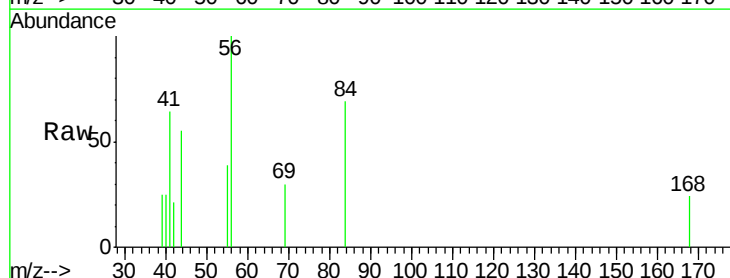
Tgt Ion: 56 Resp: 918

Ion Ratio Lower Upper

56 100

69 13.9 24.1 36.1#

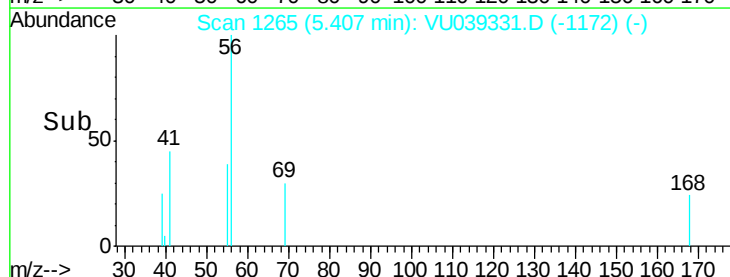
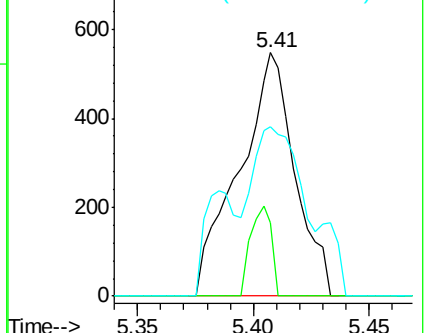
84 70.6 67.0 100.6

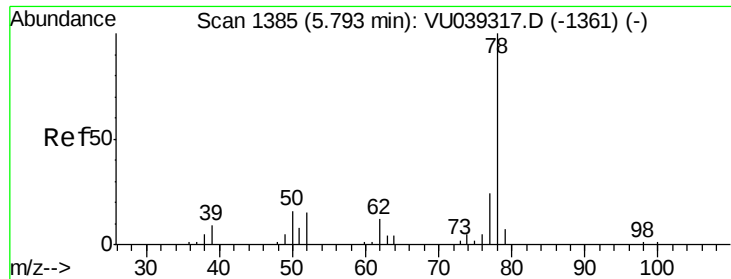


Abundance Ion 56.10 (55.80 to 56.80): VU039331.D (-1248) (-)

Ion 69.15 (68.85 to 69.85): VU039331.D (-1248) (-)

Ion 84.15 (83.85 to 84.85): VU039331.D (-1248) (-)





#33

Benzene

Concen: 0.099 ug/L

RT: 5.79 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VU039331.D

Acq: 07 Jul 2020 21:51

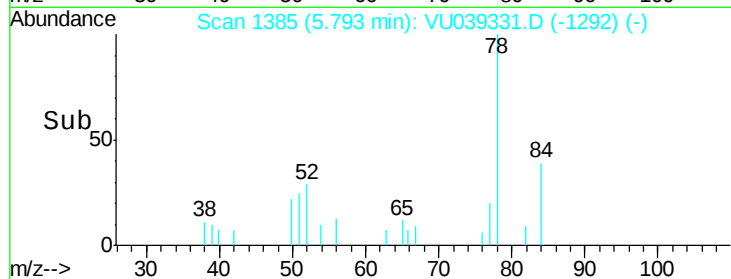
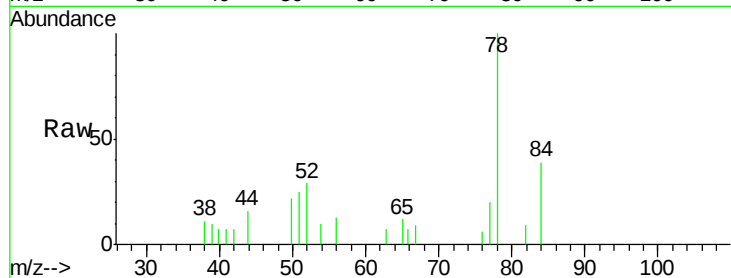
Instrument :

MSVOA_U

ClientSampleId :

H4280DL

Tgt Ion: 78 Resp: 3064



Abundance Ion 78.10 (77.80 to 78.80): VU0

