

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039330.D
 Acq On : 07 Jul 2020 21:28
 Operator : SY/MD
 Sample : L3193-01DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4275DL

Quant Time: Jul 08 10:42:56 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	6.26	114	120014	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115180	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54699	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36427	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.92	69	62359	8.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	175.20%#
11) 1,1-Dichloroethene-d2	2.57	63	58576	4.28	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.60%
20) 2-Butanone-d5	4.66	46	180232	56.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.26%
24) Chloroform-d	5.08	84	79694	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.72	65	51161	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.74	84	162316	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.00%
36) 1,2-Dichloropropane-d6	6.70	67	55678	5.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.40%
41) Toluene-d8	7.91	98	141457	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.60%
43) trans-1,3-Dichloropropene-	8.19	79	23183	5.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.80%
46) 2-Hexanone-d5	8.65	63	142770	55.95	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.90%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	51514	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	56363	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

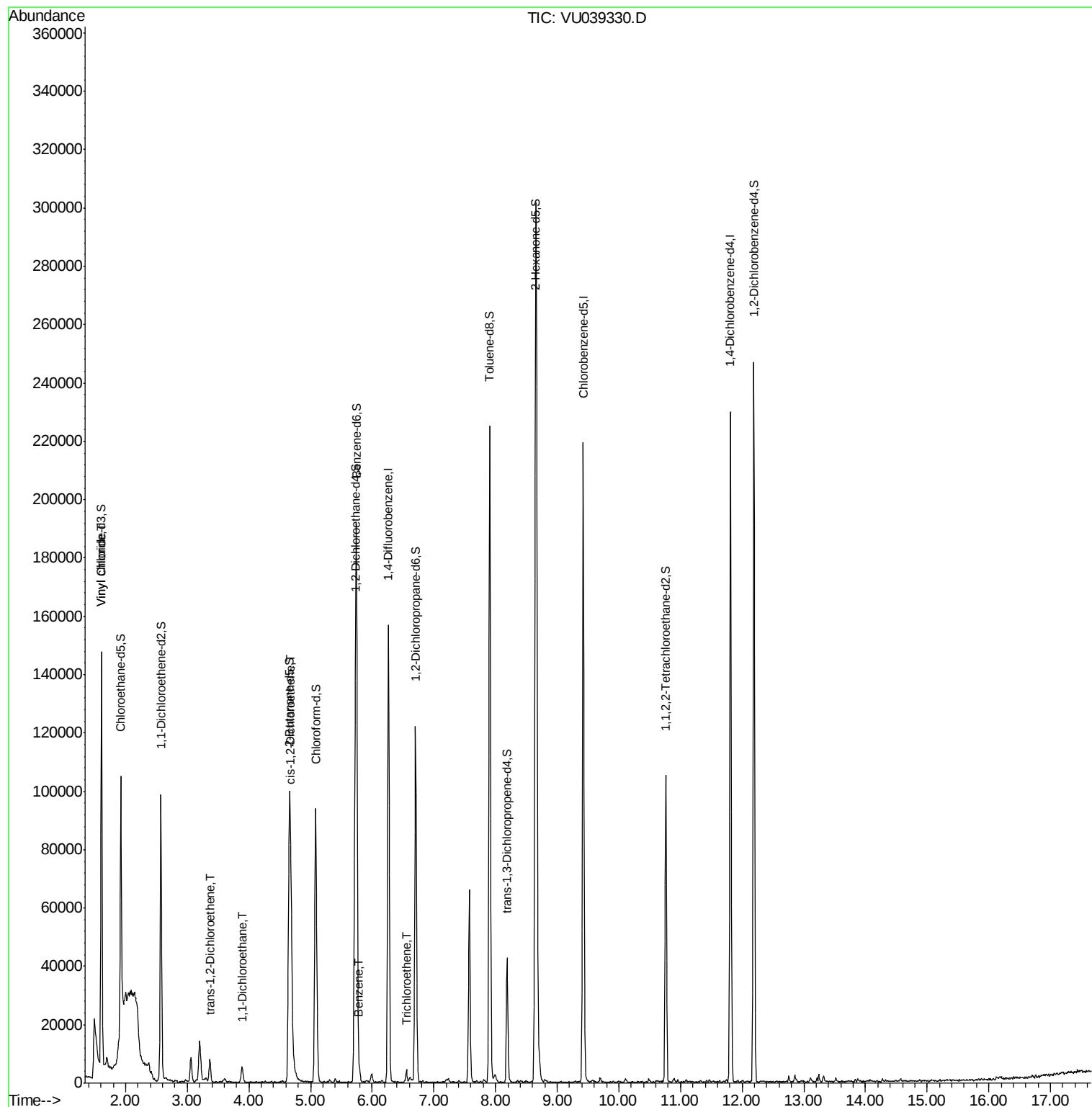
					Ovalue
5) Vinyl chloride	1.61	62	66673	6.813 ug/L	94
18) trans-1,2-Dichloroethene	3.37	96	2686	0.340 ug/L	94
19) 1,1-Dichloroethane	3.89	63	6379	0.413 ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	7856	0.887 ug/L	79
33) Benzene	5.79	78	3535	0.103 ug/L	100
34) Trichloroethene	6.55	95	1219	0.137 ug/L	92

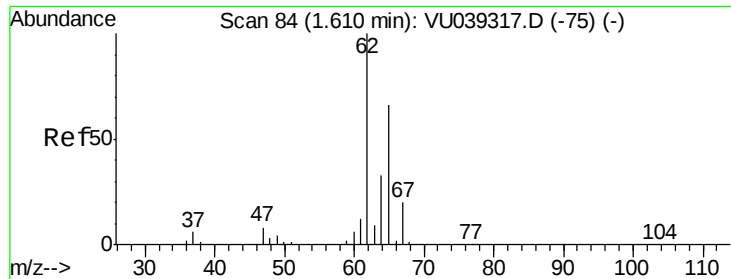
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 08 01:44:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.813 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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Acq: 07 Jul 2020 21:28

Instrument :

MSVOA_U

ClientSampleId :

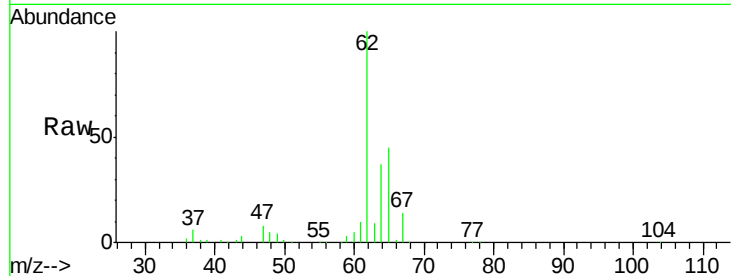
H4275DL

Tot Ion: 62 Resp: 66673

Ion Ratio Lower Upper

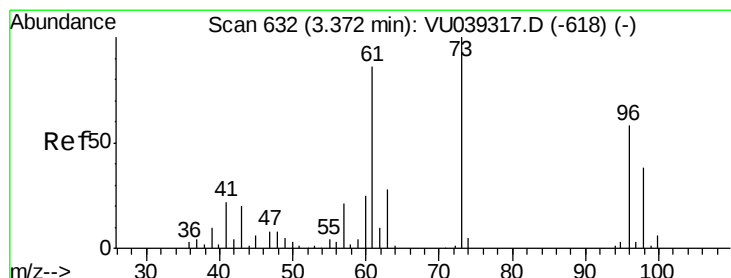
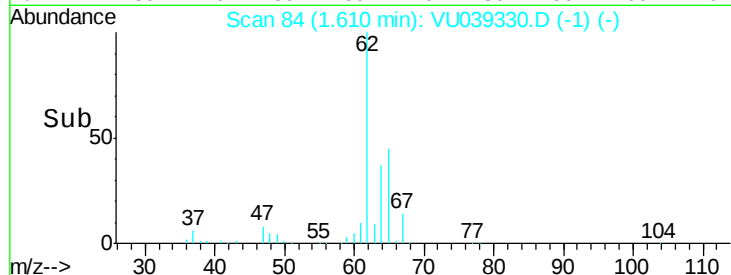
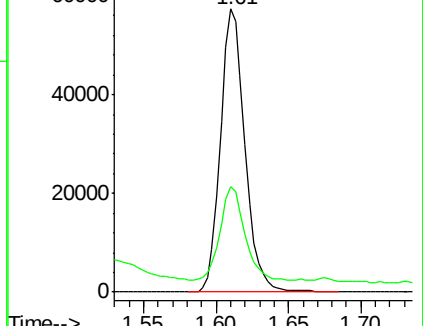
62 100

64 37.2 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VU039330.D (-539) (-)

Ion 64.10 (63.80 to 64.80): VU039330.D (-539) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.340 ug/L

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU039330.D

Acq: 07 Jul 2020 21:28

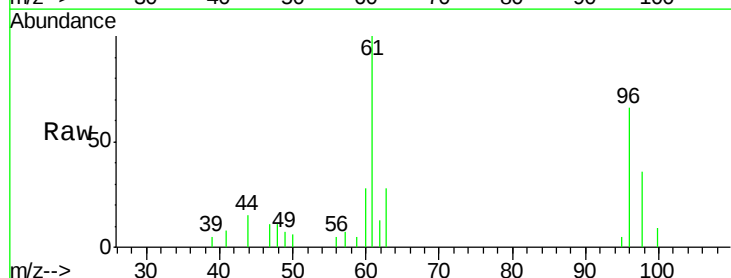
Tgt Ion: 96 Resp: 2686

Ion Ratio Lower Upper

96 100

61 152.0 102.1 189.5

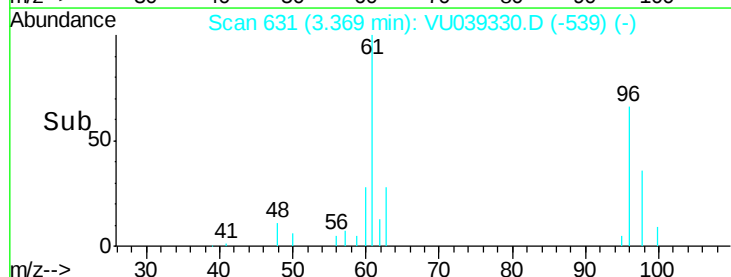
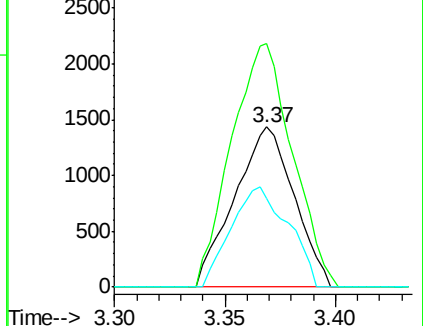
98 55.1 42.5 78.9

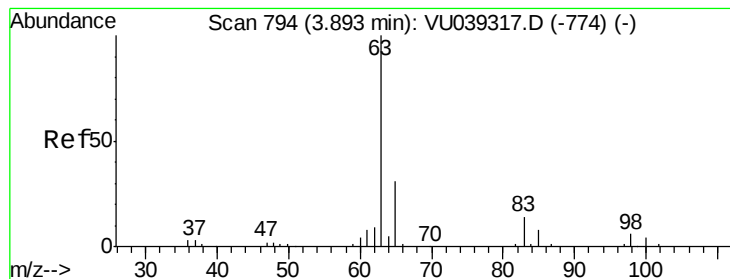


Abundance Ion 96.00 (95.70 to 96.70): VU039330.D (-539) (-)

Ion 61.05 (60.75 to 61.75): VU039330.D (-539) (-)

Ion 97.95 (97.65 to 98.65): VU039330.D (-539) (-)





#19

1,1-Dichloroethane

Concen: 0.413 ug/L

RT: 3.89 min Scan# 793

Delta R.T. -0.00 min

Lab File: VU039330.D

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Instrument :

MSVOA_U

ClientSampleId :

H4275DL

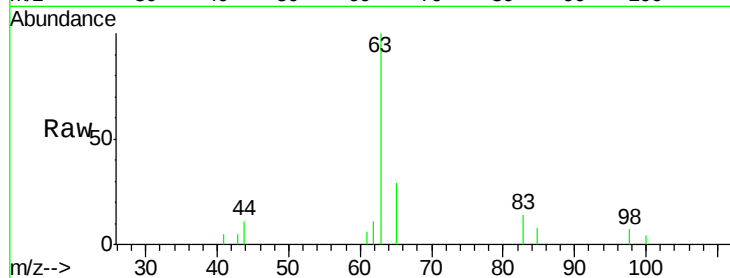
Tot Ion: 63 Resp: 6379

Ion Ratio Lower Upper

63 100

65 28.7 23.0 42.6

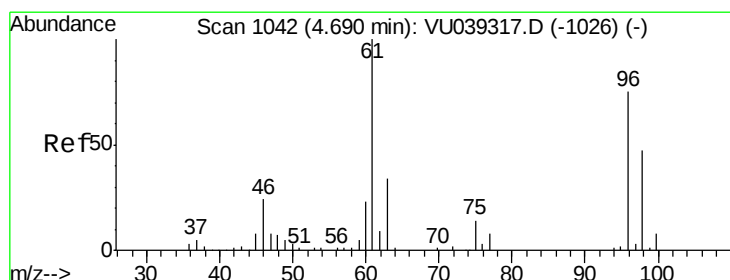
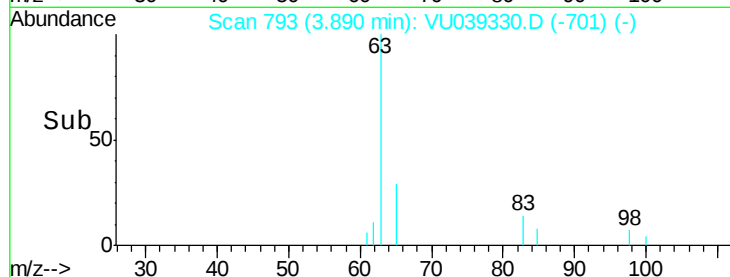
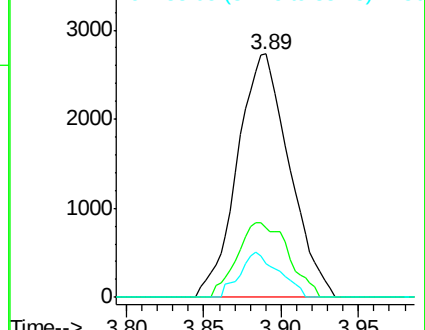
83 14.1 9.6 17.8



Abundance Ion 63.10 (62.80 to 63.80): VU039330.D (-793) (-)

Ion 65.10 (64.80 to 65.80): VU039330.D (-793) (-)

Ion 83.05 (82.75 to 83.75): VU039330.D (-793) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.887 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.01 min

Lab File: VU039330.D

Acq: 07 Jul 2020 21:28

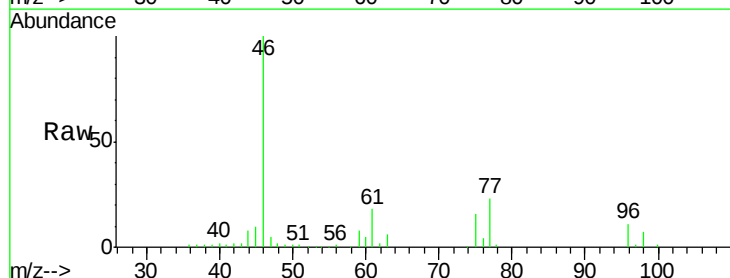
Tgt Ion: 96 Resp: 7856

Ion Ratio Lower Upper

96 100

61 157.7 92.8 172.4

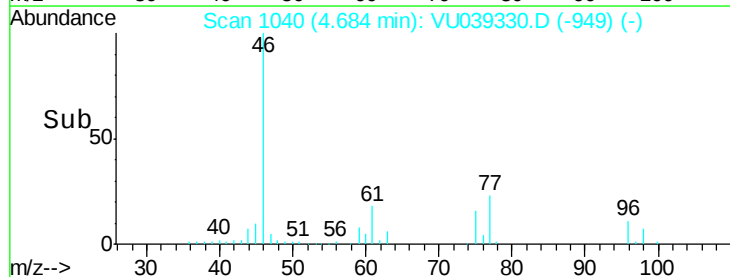
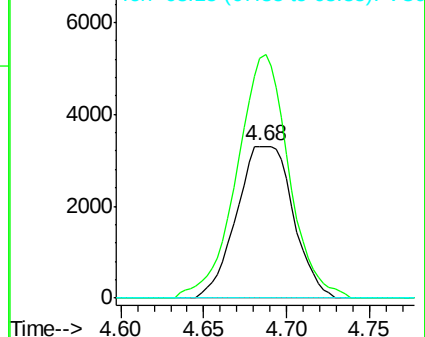
68 0.0 0.0 0.0

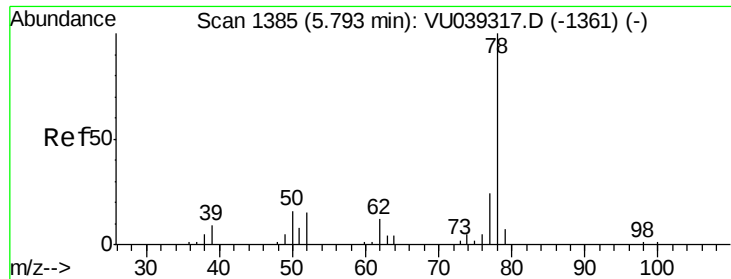


Abundance Ion 96.00 (95.70 to 96.70): VU039330.D (-1040) (-)

Ion 61.05 (60.75 to 61.75): VU039330.D (-1040) (-)

Ion 68.15 (67.85 to 68.85): VU039330.D (-1040) (-)

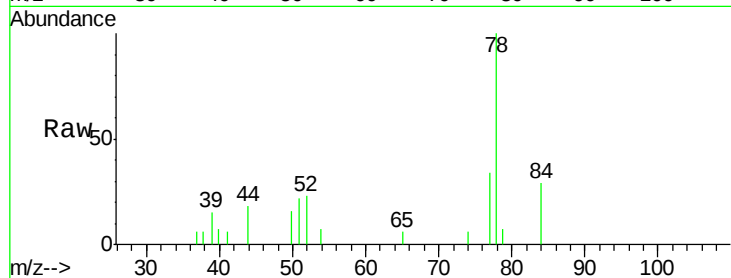




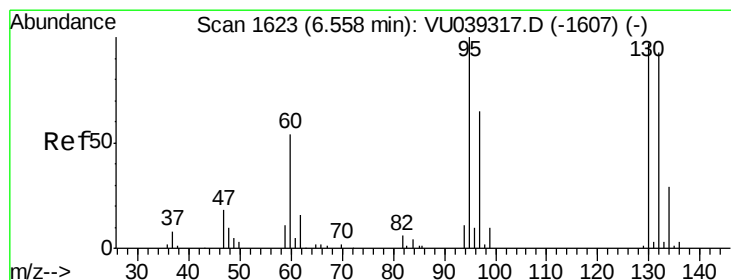
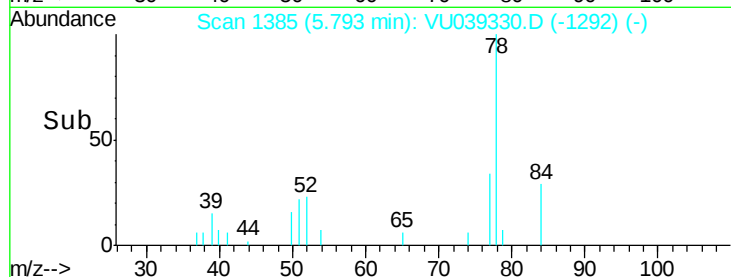
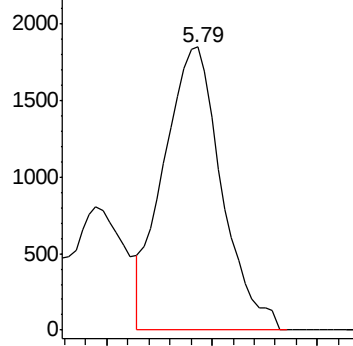
#33
Benzene
Concen: 0.103 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VU039330.D
Acq: 07 Jul 2020 21:28

Instrument :
MSVOA_U
ClientSampled :
H4275DL

Tgt Ion: 78 Resp: 3535



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34
Trichloroethene
Concen: 0.137 ug/L
RT: 6.55 min Scan# 1620
Delta R.T. -0.01 min
Lab File: VU039330.D
Acq: 07 Jul 2020 21:28

Tgt Ion: 95 Resp: 1219
Ion Ratio Lower Upper
95 100
97 60.0 46.3 85.9
132 86.6 64.0 118.8
130 80.4 64.3 119.5

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

